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PUBLIC DOCUMENTS

OF THE

STATE OF WISCONSIN

BEING THE REPORTS OF THE VARIOUS

State Officers, Departments and Institutions,

For the Fiscal Term ending June 30, 1908.

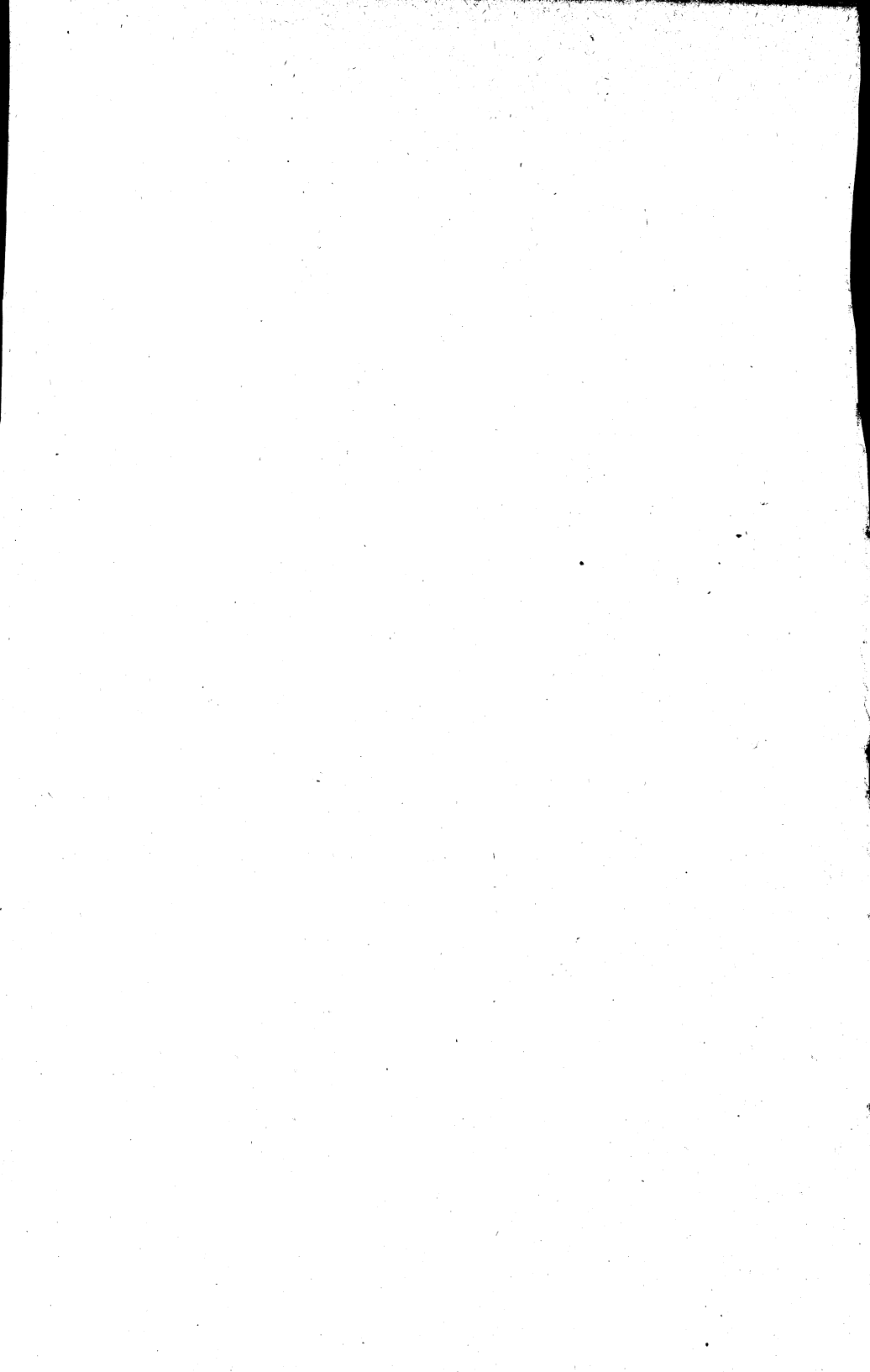
VOLUME 2



MADISON

DEMOCRAT PRINTING COMPANY, STATE PRINTER

1910



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For 1907-1908.

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SECOND ANNUAL REPORT

OF THE

RAILROAD COMMISSION

OF WISCONSIN

From June 30, 1907, to June 30, 1908.



MADISON, WIS.

DEMOCRAT PRINTING COMPANY, STATE PRINTER

1908



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MADISON, WIS., Dec. 7, 1908.

To his Excellency,

HON. JAMES O. DAVIDSON,

Governor.

As required by law, we have the honor to submit our Annual Report containing an account of all matters pertaining to this office from June 30, 1907, to July 1, 1908.

RAILROAD COMMISSION OF WISCONSIN,

BY J. M. WINTERBOTHAM,

Secretary.

PART I.

General Account of the Work of the Commission.

When the Railroad Commission of Wisconsin was first organized, its duties were restricted to the regulation of railroads and facilities incidental thereto in their relations to the general public. The nature of the work performed under this law has been set forth at length in the First Biennial and First Annual Reports, heretofore published, and also in Volume I of the Decisions of the Commission. Subsequent amendments have removed all doubt regarding the power of the Commission over electric, urban and interurban, railroads under the law.

Since the period covered by the last report, the jurisdiction of the Commission has been greatly enlarged, until it is now charged with the supervision, not only of the railroads, but of other public utilities, including water, gas, electric light, heat, power and telephone companies. In addition, it has jurisdiction over the issues of securities by railway and other public utility corporations, and the power of determining whether public necessity and convenience demand the building of additional lines of railways, or additional water, gas and electric plants in communities where there is in operation a plant of similar character under an indeterminate franchise.

It is charged with the duty of prescribing proper and uniform accounting methods and of requiring from all companies under its jurisdiction reports containing operating and financial and other data, including schedules of rates charged for the service rendered.

Among its minor duties it has been charged with the enforcement of the law relating to the hours of employment for railway employes; with power over railway terminals; power to require railroads to install telephone service; to compel railroads to furnish connection with spurs running to industries; power to determine the value of public utilities, including street railways, in condemnation proceedings by municipalities under the Public Utilities Law; and under the provisions of sec. 1797—1-12, of the Laws of 1907, to enforce statutory regulations regarding wires and other overhead obstructions crossing railway tracks; and also supervision over the company organized by special act of the legislature for the purpose of the conservation of the water supply of the Wisconsin river, and the regulation of the water powers along that river.

These duties necessitated the re-organization of the expert and clerical force, in order promptly to handle the vast volume of business which confronted the Commission. Accordingly, a larger statistical force was engaged and preparations made for assuming the duties charged upon the Commission.

There has been great activity in the state of Wisconsin in the fields over which the Commission has jurisdiction. It may be said that there is no hamlet in the state so insignificant that it has not either a water, gas, electric or telephone utility to administer to its wants. As many of these utilities are owned by individuals, great difficulty was experienced in determining their names and locations as a preliminary preparation for the work. This has been accomplished and it is believed that the companies referred to in other parts of this volume include all, or practically all, of the utilities operating in the state of Wisconsin.

There are 54 steam railway companies doing business in the state, 25 street and interurban railways, 7 express companies and 2 telegraph companies, in addition to sleeping car and other private car companies; also persons, firms and corporations operating utility plants as follows:

Gas	52
Electric light and power.....	230
Water	141
Telephone	569
Heating	13

making in all 1093 companies under the direct jurisdiction of the Commission.

ORGANIZATION.

The above will indicate, in a slight degree, the nature of the work to be performed. It required the enlargement of the administrative force of the office; and as exact and scientific data are necessary upon which to base the decisions of the Commission, it became necessary at once, as suggested above, to reorganize the engineering and statistical departments of the Commission, and employ sufficient force to perform all such work with efficiency and reasonable promptness.

ADMINISTRATION.

Secretary.—The Secretary is charged with the general supervision over the administrative force of the office.

Assistant Secretary.—The details of the office work under the enlarged jurisdiction of the Commission required the services of an assistant secretary, who also acts as law examiner from time to time.

Docket Clerk.—There is employed one docket clerk whose duty it is to keep the records of the cases filed from time to time, and to file correspondence and keep up the card indices to the records.

Stenographers.—Subd. c of sec. 13 of the Railroad Commission Law provides that a full and complete record of all proceedings before the Commission shall be taken in shorthand and transcribed copies of such record shall be furnished to the interested parties free of cost. This has compelled the employment of additional stenographers from time to time as occasion demanded. The force in this regard consists of two stenographers whose entire time is given to reporting hearings of this nature and making typewritten transcripts of their notes; two stenographers who each give one-half of their time to the same work at half pay. In addition to this two stenographers are employed in correspondence and other detail work of the office, making tabulations and writing decisions and, when not thus employed, performing the clerical work about the office.

It being the clear intent and expression of the law that typewritten copies of transcripts of proceedings must be furnished free of cost to interested parties, the Commission has strictly

enforced the rule prohibiting stenographers from selling copies of transcripts. In court proceedings the sale of such copies is the source of a not inconsiderable part of the income of such stenographers. The amount of work done by the Commission's reporters can be judged by the tabulations hereinbelow given. Another tabulation will show the output of the entire force of stenographers, which is based upon carefully kept records.

Railway and Other Tariffs.—In order that the tariffs filed by the railway and utility companies under the jurisdiction of this Commission might be in an available form, and to render them most useful to the Commission, a tariff department has been organized, which department handles, arranges and files the tariffs as they are received from the various companies. Here also are compiled the comparative tabulations of rates, used in the decisions of the Commission and also called for by inquiries of shippers and the users of the service of utility companies.

Office Hours.—The Commission has followed the rule observed in other departments of the capitol in regard to office hours, which are from 9 a. m. to 12 m. and from 2 p. m. to 5 p. m. from Monday to Friday inclusive, and from 9 a. m. to 12 m. on Saturday, making six hours the standard day's work for all days except Saturday, and 33 hours the standard week's work; a system was instituted on May 1, under which the employes were required to register upon arrival at and departure from their work. These records have been carefully kept and compiled from May 1 and, excluding the time lost on account of illness and when employes were absent from the office for other good reasons, the average week's work for all employes is in excess of the time required by the rules of the office.

THE ENGINEERING DEPARTMENT.

I. HISTORICAL.

The employment of an engineering staff in the service of the state of Wisconsin had its origin in connection with the appraisal of the steam road properties of the state, under the provisions of the Ad Valorem Tax Law of 1903. Under the terms of that law the state board of assessment found it necessary to have a valuation made of the physical property of the steam roads of the

state, and an expert staff was organized for this purpose, following the general practice adopted in the Michigan railroad appraisals of 1900-1901. The staff for the 1903 Wisconsin appraisals was organized under three general heads or chiefs of departments, respectively, responsible to the chief engineer for the permanent way, the lands and the mechanical features. Some 35 experts and assistants were employed in all, with a total at any one time of about 25 persons.

After the completion of the initial valuation reports in 1904, it was found practicable to maintain the annual revisions with a force of only two persons assisting the engineer in charge. The staff was maintained upon this minimum basis until January, 1907, at which time the valuations of the physical property of the Milwaukee street railway system was undertaken for the joint purposes of the tax and railroad commissions. For a brief time during this interval, the engineer of the state board of assessment rendered service to the railroad commissioner of Wisconsin, by making an examination of the physical condition of the principal railroads of the state and submitting a report upon the same to the commissioner.

The act of 1905, creating the Railroad Commission, provided for the joint use of valuation and other data on file in the office of the state board of assessment. Due to this fact, and also to the need of engineering services in connection with the investigations carried on by the Railroad Commission, arrangements were made whereby a single engineering staff should serve the two state commissions. The formal arrangement providing for this relationship went into effect July 1, 1906, some six months previous to undertaking the valuation of the Milwaukee street railway properties above referred to.

With the resumption of active work on a large scale, the staff was again enlarged and also re-organized, to provide for the broadened scope of its work. The details of this organization are given elsewhere in this report (see division IV. of report).

With the completion of the work on the Milwaukee properties about July 1, 1907, the physical valuation of the remaining electric railway properties of the state was undertaken, and soon thereafter came the initial steps on the valuations of water, gas, electric and telephone properties under the provisions of the Public Utilities Law of 1907. The details of the valuations and

of the other engineering service rendered by the staff are described below. The organization of the staff which had been provided for the electric railway valuations, with but few minor changes and extensions, was found to meet the requirements of the Public Utilities Law.

II. WORK OF THE ENGINEERING STAFF UNDER THE PUBLIC UTILITIES LAW.

The scope of the work performed by the engineering staff under the direction of the Railroad Commission by the terms of the Public Utilities Law is indicated by the following general outline:

Office Staff: Engaged in the reduction of field notes, the compilation of valuation and other reports, and the systematic collection and filing of cost data and other records.

Civil Engineering Department: Engaged in the inspection and valuation of the following classes of physical property: lands; buildings and miscellaneous structures, such as gas holders, standpipes, reservoirs, dams, wells, machinery foundations, etc.; earthwork, paving, etc.; pipe distribution systems of water, gas and steam heating plants, including tunnels for same; office furniture and appliances; horses, wagons, etc.; tools, stores and supplies pertaining to above items; etc. Also investigations, in co-operation with other departments, with respect to the operating conditions of water works plants, including fire steam tests, improvements of water supply, tests of water meters, etc.

Mechanical Engineering Department: Engaged in the inspection and valuation of power plant machinery and appliances (exclusive of electrical features); equipment in steam and hot water heating plants (except street mains); piping in gas plants; shop tools and appliances; tools, stores and supplies pertaining to the above items; etc. Also investigations, in co-operation with other departments, with respect to operating conditions and improvements of service in water works and steam heating plants, power stations, etc.

Electrical Engineering Department: Including the inspection and valuation of electrical machinery and appliances in power plants and elsewhere; electrical distribution systems and telephone systems, overhead and underground; tools, stores and supplies pertaining to the above items; etc. Also investigations

of telephone service and studies of operating conditions of electric lighting and power plants, with a view to improvements in the service rendered by same.

Gas Engineering Department: Including the inspection and valuation of machinery and appliances for the manufacture of gas; tools, stores and supplies pertaining to the same, etc. Also investigations of operating conditions, with a view to the improvement of service supplied by gas plants.

Gas and Electric Service Inspections: Including inspections and investigations of gas and electric service; tests and calibration of instruments used in service measurements; studies in connection with the establishment of standards of service; investigations for the electrolysis of water and gas mains; etc. Also investigations, in co-operation with other departments, with a view to suggest improvements in the operating conditions of gas and electric plants.

The authorization for the working organization provides for the staff members listed below:

- Engineer in charge.
- Office engineer.
- Civil engineer inspector.
- Chief mechanical inspector.
- Chief electrical inspector.
- Expert on light and heat.
- Field civil engineer inspector.
- Field mechanical inspector.
- Field electrical inspectors.
- Inspector of gas service.
- Inspector of electrical service.
- Assistant inspectors of gas and electrical service.
- Assistant field inspectors.
- Engineering computers.
- Clerks and stenographers.

This staff was recruited for the most part under a temporary rule passed by the civil service commission in January, 1907, authorizing the formation of a staff of experts for the valuation of the Milwaukee street railway properties. A modified rule, passed in December, 1907, providing for a permanent engineering staff, to serve jointly under the direction of the railroad and tax commissions, is still in force. However, a few of the members of the present staff are engaged exclusively in the public utilities work, and these were appointed as experts under the provisions of the Public Utilities Law.

It should be stated that membership on the staff has invariably been based upon ascertained fitness for the special service for which the appointment was made. The tenure of service has been remarkably steady, the personnel, except for the additions, being almost identical with that selected in January, 1907.

The methods now employed by the engineering staff in the valuation of the physical property of public utility plants, are in close agreement with those adopted early in 1907 for the valuation of the electric railway properties of the state for the joint purposes of the two commissions. These methods embrace the following distinct steps or processes:

1. The preparation of a detailed descriptive inventory.
2. Field examinations by a trained staff.
3. Determination of the cost new of each item.
4. Estimation of the depreciation of each machine or other item of property.
5. Calculation of the present value.
6. Summing up the detailed valuations by groups.

Preliminary Conferences: As an initial step in each important valuation, it is customary for the Commission's engineer to hold a joint conference with representatives of the company and the city, at which conference a formal request is extended on behalf of the Commission that all interested parties co-operate to the fullest possible extent with the Commission's staff in getting at the facts with reference to local conditions. These conferences have, as a rule, resulted satisfactorily, and in but few instances have the responsible officials of utility companies or cities withheld information and assistance, and then only temporarily.

Inventories of Physical Property: The preparation of preliminary inventories or descriptive check lists of the properties has been entrusted to the responsible officials of the public utility companies wherever practicable. Although in some cases this process has been found to lead to undesirable delays in the earlier stages of the work, it is believed, in general, to result ultimately in a saving of time. In cases where no inventory is supplied in advance by the company, the engineering staff, before going to the field, examines such office records as the companies may have and prepares a tentative check list for field use.

Field Examinations: The field examinations of the physical

property begin with a careful checking up of the inventory. For example, after a machine or any other item has been identified with respect to the check list, or the omission, if any, noted, a full description is entered in field note books or on printed forms. This descriptive record embraces all information which it is practicable to gather, either through a direct critical examination of the machine itself by trained observers, by inquiry of those long familiar with local conditions, or through other channels. The record includes such matters as the following: A comprehensive description of the machine in its original or new condition; whether new or second-hand when installed in its present service; if reconstructed at any time, the extent and character, and also the reasons for such reconstruction; date of installation, and also reconstruction, if any; character of service rendered by the machine, whether severe or moderate, continuous or intermittent, etc.; quality or character of maintenance, whether good, fair or poor; and any other information which may have a bearing in fixing the value of the item or judging of its operating value.

Throughout the progress of these field investigations due consideration is given to the fact that the Public Utilities Law provides for periodical re-valuations of each property examined, necessitating a permanent record from the very start. This view of the situation has naturally led to an open-minded attitude on the part of the Commission's staff and of the interested parties, with respect to rectifying any discrepancies discovered in the descriptive record.

Cost of Reproduction of Property, New: With a view to establish a definite and reliable basis for fixing costs, extensive investigations have been made relative to existing commercial conditions, with the result that a vast amount of cost data, as to the purchase and installation of the various kinds of physical property embraced in the public utility plants, is now available in the confidential records of the engineering staff. This information has been gathered from many sources, the most important of these being the actual contracts and other records of costs kept in the offices of the various public utility companies of the state, and the quotations and cost data of many kinds supplied through direct solicitation by manufacturers throughout the country. The records of the utility companies are made avail-

able to the Commission or its authorized agents by the terms of the Public Utilities Law.

In responding to these requests, the manufacturers, in a number of instances, have found it necessary to do considerable research work. In such cases it has been customary to offer to defray the necessary clerical expense involved in compiling the desired information. In but few cases, however, have these offers of reimbursement been accepted. The invaluable assistance thus extended by the manufacturers has resulted, not only from their being frankly and fully informed at the outset as to the special purposes for which the information would be employed, but also because of their desire to co-operate in an important public movement, based primarily upon substantial justice to all concerned. It should be stated in this connection, that the utility companies of the state have shown but little disposition to interfere with this free co-operation of the manufacturers. In the few instances where such interference has actually occurred, the utility officials have usually been quick to respond to the suggestion that such action was not only short-sighted, but also in direct violation of the spirit of fairness pervading this entire matter. In like manner citizens and officials of certain cities of the state, where a feeling of antagonism had developed against certain public utility companies, have in a number of instances desisted from what seemed to be an effort to withhold essential facts required by the engineering staff.

In addition to the sources of information above referred to, the members of the staff have been able to supplement their records of cost data through voluntary contributions from the professional notes of prominent engineers and by figures gathered from publications of technical societies, the columns of trade and technical journals, etc.

In order to avoid extreme variations in unit prices, due to violent fluctuations in market quotations, and also with a view to approximate as closely as practicable to the conditions which usually prevail in building up public utility properties, it has been the practice of the staff to use average prices for a term of years rather than to apply the current quotations or unit costs prevailing at the actual date of inventory. For this purpose the average price for the five-year period immediately preceding the date of valuation has been used whenever, in the judgment of the staff, such rule was practicable.

Depreciation of Value: In determining the allowance to be made for depreciation in value, due consideration is given by the staff to the actual conditions of each machine or other item of the property, taking into account also the age of the machine in connection with its probable ultimate efficient life, the character of the service, the standard or quality of maintenance, and such other elements as may aid in reaching a reliable judgment. In the steps leading up to such final conclusions, accumulated experience with reference to closely similar property, maintained to a like standard and operated under identical or similar conditions as to service, etc., receives due recognition. The individual item of physical property is judged with reference to its agreement with or departure from the average of such related group or class of property in fixing the probable useful life and in estimating the depreciation. Results obtained by this method in the valuation of physical properties of Wisconsin railroads and public utilities, aggregating many millions of dollars, have established the reliability of the method above described.

The Present Value: The depreciation percentage is customarily applied against the net or service value, found by deducting the scrap or residual value from the new value. The so-called "present value" is then determined by combining the scrap value and the depreciated service value. In those cases, where the scrap value is slight or much in doubt, the depreciation percentage is applied directly to the cost new to determine present value.

Summing up by Groups: The classification of the physical property by groups is based, as far as possible, upon actual similarity of items or similarity of use. Following are illustrations of the tentative groupings employed in the reports of physical valuations thus far submitted to the Commission in rate cases or for other purposes under the Public Utilities Law:

CLASSIFICATION SCHEMES USED IN REPORTS OF TENTATIVE VALUATIONS OF PUBLIC UTILITY PROPERTIES SUBMITTED TO THE RAILROAD COMMISSION OF WISCONSIN BY THE ENGINEERING STAFF.

FOR WATER WORKS PROPERTIES.

1. Land.
2. Wells, intakes and suction.
3. Standpipes and reservoirs.
4. Distribution system.
5. Pumping plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
(Total of items 1-9.)
10. (See note below.)
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR GAS PROPERTIES.

1. Land.
2.
3. Holders.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below.)
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR ELECTRIC LIGHT AND POWER COMPANIES.

1. Land.
2.
3.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below.)
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR COMBINED GAS AND ELECTRIC PROPERTIES.

1. Land.
2.
3. Holders.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR COMBINED WATER, GAS AND ELECTRIC PROPERTIES.

1. Land.
2. Wells, intakes and suction.
3. Filters, reservoirs and holders.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR COMBINED ELECTRIC RAILWAY AND LIGHT PROPERTIES.

1. Land.
2. Track and track structures.
3. Cars and car equipment.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR TELEPHONE PROPERTIES.

1. Land.
2. Exchange equipment.
3. Telephones and appliances.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

NOTE: Addition of percentage to cover engineering and supervision, interest during construction, contingencies, etc.

List of Properties Valued: Following is a list of physical valuations of public utility properties for which tentative reports were submitted or upon which the staff was engaged during the year ending June 30, 1908:

WATER WORKS PLANTS:

Antigo.
Appleton — in progress June 30, 1908.
Ashland.
Manitowoc.
Marinet — in progress.

GAS PLANTS:

Manitowoc — in progress.
Racine — in progress.

ELECTRIC PLANTS:

Dodgeville.
Eau Claire.
Hudson — in progress.
La Crosse — in progress.
Manitowoc — in progress.
Marinette.

COMBINED GAS AND ELECTRIC PLANTS:

Ashland.
Kenosha — in progress.
Madison.

COMBINED WATER, GAS AND ELECTRIC PLANTS:

Beloit — in progress.
Chippewa Falls.
Ripon.
Superior.

COMBINED ELECTRIC RAILWAY AND LIGHT PROPERTIES:

Eau Claire.
Menominee

TELEPHONE PLANTS:

Augusta.
 Burlington.
 Marinette.
 Portage.
 Superior.
 Douglas County — in progress.
 Peoples' Telephone — in progress.

While the value of the physical property of these companies has been tentatively fixed, the legal value of all the property "actually used and useful for the convenience of the public," as contemplated in the Utilities Law, especially in secs. 1797m—5 and 6, has not yet been determined and established.

In taking action with respect to the rates and service of the various companies which have been before the Commission, valuations of a more or less tentative character have been used. While these valuations appeared to be adequate and satisfactory to the Commission for the purposes in view, they did not appear to be sufficiently accurate to warrant the Commission in publishing them at this time as the statutory value. In other words, the Commission has not yet "determined" the value of these properties within the full meaning of the statute.

Following is a list of the utilities regarding whose rates and service the Commission has taken action during the year:

Reedsburg Telephone Co.	Tomah Electric & Telephone Co.
J. L. Ball (telephone), Augusta.	Milwaukee Central Heating Co.
Brodhead Telephone Co.	Chippewa Valley Ry. Light & P. Co.
Menomonee Falls Telephone Co.	Ettrick Telephone Co.
Fox River Milling & Power Co.	Dodgeville Electric Light Co.
Alma Electric Light Co.	Medford Light & Power Co.
Merrill Railway & Lighting Co.	Rhineland Mutual Telephone Co.
Portage Electric Light Co.	Peoples Telephone Co. of Dane Co.
Badger Telephone Co.	

Gas and Electric Service Inspections: The work performed by the special staff of experts engaged in inspections of gas and electric service, consisted in the study of conditions existing in various cities in this state and included observations on the accuracy of consumers' meters, the accuracy of methods employed by gas and electric companies in standardizing such meters, the quality of gas as shown by chemical composition and heating value, the pressures at which gas was being delivered to consumers, the pressures and variations in pressure on electrical distribution systems, the efficiencies and deterioration of incandescent lamps, and on various other factors relating to ade-

quacy of service. Laboratory investigations have also been made on methods suitable for measuring quality of service, including a study of calorimeters suitable for determining heating values of gas. Special attention has been given to investigation of complaints of consumers to determine what factors are the most frequent causes for dissatisfaction.

The aims of the work have been to furnish information useful in arriving at the values of certain gas and electric plants, to determine to what extent complaints of service made by consumers can be taken as a criterion of the quality of the service rendered, and more especially the information was sought as a basis for establishing rules under which the companies may operate so that adequate service may be insured to the consumers. The summary of the work, and the deductions drawn from it are given in pamphlet U—21, "*In re Standards for Gas and Electric Service in the State of Wisconsin.*"

During the progress of the investigation numerous instances of poor and inadequate service were found. It appears that in the majority of such cases defective service was the result of ignorance or neglect of the conditions, due to the lack of suitable supervision or the lack of instruments necessary for studying the quality of service. It has been found that in various instances the companies have been needlessly hampered by certain municipal regulations, the purpose of which was to insure good service, but which were actually ineffective. Numerous instances of poor service have been rectified by the public service companies upon their attention being called to the particular defects, and it has not been infrequent that such improvements have been made with little or no expense. It has been demonstrated that the consumers themselves are, in some measure, responsible for the maintenance of adequate service, and it has been one of the purposes of the investigation to formulate information serviceable to the consumers in protecting their own interests.

The following is a list of the cities in which tests have been made on the quality of gas and electric service prior to June 30, 1908:

TESTS OF GAS SERVICE.		TESTS OF ELECTRIC SERVICE.
Ashland	Manitowoc.	Ashland.
Baraboo	Marinette.	Chippewa Falls.
Beaver Dam	Portage.	Dodgeville.
Beloit	Ripon.	Kenosha.
Chippewa Falls.	Sheboygan.	La Crosse.
Eau Claire.	Stevens Point.	Madison.
Green Bay	Stoughton.	Manitowoc.
Janesville.	Superior.	Ripon.
Kenosha	Watertown	Superior.
Madison	Wausau.	

Other Service Inspections: In addition to the routine tests of gas and electric service, inspections have been made by other departments of the engineering staff upon special complaint to the Commission. Work of this kind during the year ending June 30, 1908, has included, among other cases, investigations of complaints as to the steam heating service at Milwaukee and the service rendered by the water works company at Antigo.

Improvements of service and in the relations between company and patrons have resulted directly from the action taken by the Commission in these cases. In fact, the excellent results derived from the limited amount of such investigations already made, have suggested the advisability of extending the scope of tests over the widest range possible of the public utility service. Plans looking to such extension in the near future are being considered. Several inspectors are now in the field, and the results of their work will serve as a guide for the future policy in this respect.

Advisory Service Under the Utilities Law: Informal inquiries and requests of many kinds are received by the Commission from public utility companies for advice on technical matters, in which the engineering staff is able to render assistance. While the Commission has been obliged to recognize a practical limit, beyond which the state staff cannot properly undertake to perform such service, it has been practicable to render assistance on many minor matters affecting quality of service. This class of inquiries seems to merit increasing attention, and plans are under consideration with a view to the future extension of this kind of advisory service. It should be stated in this connection, that the state engineering staff does

not intrude upon the legitimate field of the private practitioner; on the contrary, in several instances the employment of engineers has been suggested by the Commission where the work was of a magnitude and character to warrant such action, and the Commission's engineer has been authorized to suggest the names of several competent engineers eligible for the specific service. In such cases the disinterested character of the Commission and its staff has made it possible to render this delicate service without embarrassment.

III. MISCELLANEOUS SERVICE OF THE ENGINEERING STAFF FOR THE RAILROAD COMMISSION.

The engineering staff is called upon, from time to time, to make investigations and submit reports touching various matters under the several statutes administered by the Railroad Commission. The scope of such investigations is indicated by the following summary:

1. Investigations relating to street and highway crossings, with reports relative to the protection of same, grade separation, etc.

2. Inspection of plans for interlocking plants for railway crossings and at drawbridges, and field inspections of the plants preliminary to the issuance by the Commission of permits to operate same.

3. Investigations preparatory to the adoption of rules to govern the installation of tell-tales for protection of trainmen against overhead bridges and other obstructions.

4. Investigations of accidents and alleged dangerous conditions on steam and electric railroads of the state.

5. Routine inspections of railway service.

6. Investigations and reports on the construction of proposed industry tracks, particularly with reference to the effect of safety of operation.

7. Investigations relative to station service, the establishment of flag stations, etc.

8. Investigations of quality of service rendered by street railway companies.

9. Valuations of street railway and other properties for stock and bond issue purposes.

10. Investigations with respect to the administration of the affairs of the Wisconsin Valley Improvement Company.

The following comments give a fair idea of the character of these investigations:

During the year field inspections were made and recommendations submitted relative to a grade crossing near Barneveld, with the result that a subway was finally constructed at the joint expense of the railway company and local town authorities. An investigation of six street crossings at Green Bay showed the protection provided by the companies in the main to be of good quality.

In dealing with interlocking practice the investigations were not confined to the individual plants newly installed, but the studies were extended to cover the larger questions of interlocking practice in general, with a view to develop a basis for a set of rules to govern future Wisconsin practice in this field. In view of the unsettled status of the signaling practice, it has seemed expedient to hold the matter somewhat in abeyance. Such progress was made, however, as to make it quite certain that these rules will be put in shape for final submission to the Commission during the coming year. It is intended that these rules, when completed, shall insure the use of the best known signaling devices, but with provision for such flexibility that Wisconsin practice may keep pace with the future developments of the signaling art.

The adoption of formal rules to govern the installation of tell-tales or whip-guards for the protection of trainmen against overhead obstructions, led to an investigation as to the heights of cars "owned by or hauled over" Wisconsin roads. It was found, that owing to the peculiar wording of the statute, practically all the important roads of the state would be put to serious inconvenience and much expense, owing to the presence in the state of a comparatively few exceptionally high cars, owned by the Menasha Wooden Ware Company. After numerous conferences with the interested parties, the Commission suggested the tentative adoption of fifteen feet as the ruling or maximum height of freight cars to be built in the future. With the practically unanimous adoption of this provision by the railroads of the state, simplified rules were brought into shape to cover the requirements of the statute. The formal adoption of these rules, however, took place subsequent to June 30, 1908.

There was fortunately no occasion to investigate serious railway accidents during the year. An investigation was made of

the situation at Mills street crossing of the St. Paul road and the La Crosse Street Railway at La Crosse, where street cars were struck more than once by cuts of freight cars in the course of switching operations. Investigation by the Commission's engineer showed the situation to be exceedingly dangerous, and steps were taken with a view to bring about an improvement in the situation. Informal conferences were held with the officials of the city of La Crosse and of the two roads, and suggestions offered, with a view to assist in bringing the conflicting interests together. The negotiations then started resulted, several months after the close of the fiscal year, in important changes in the operating conditions, which give promise of reducing the dangers of this crossing to a nominal basis. Investigations were also made as to the standards of maintenance of railway track at several places in the state, and reports on the same submitted to the Commission.

Routine or systematic inspections of railway service, with formal reports on the same, were not undertaken until after the close of the fiscal year ending June 30, 1908. In view of the importance of these inspections, it is deemed appropriate to incorporate in this report a copy of the form used by the engineering staff for this purpose. It is a matter of interest that the railroad authorities have expressed a desire to co-operate fully in this movement for the improvement of the quality of the railway service of the state.

TRIP INSPECTION REPORT, ENGINEERING STAFF, RAILROAD COMMISSION OF WIS.

Report..... Observation on Train No..... Ry.
 Between.....(.....M) and.....(.....M).....190
 (Use additional sheet if more space is needed.)

TRAIN SERVICE:

1. *Running Schedule.* On time or late; if late, actual amount and amount slated, causes, etc. Speeds, etc.

2. *Train Equipment.* Coaches: Number and kind, crowded or otherwise, cleanliness, sanitary condition of cars and toilets, etc. Sleepers.

3. *Train Employees.* Engineer: Care in running, use of brakes, testing air, etc. Conductor, brakeman, etc.: Treatment of passengers, calling stations, etc. Flagman: Guarding rear end, alertness. Pullman service.

STATION SERVICE:

4. *EmploYES.* Agent, baggageman, caller, porters, etc.: Conduct, attentiveness, intelligence, announcing trains, etc. Give names of stations.

5. *Station.* Waiting rooms and toilets: Cleanliness, sanitary conditions ventilation, heating, etc. Platforms; grounds; waiting shelters, etc.

MISCELLANEOUS:

6. Track; bridges; highway crossings, obstruction or protection of; safety appliances; train connections at junction points, etc.

PASSENGERS:

7. Department; demands made on employes; cash fares; hand baggage, etc.

(date)

(Sign)

Some field investigations were made and reports submitted by the Commission's engineer with respect to the construction of proposed industry tracks. These included a proposed ice house spur near Random Lake on the St. Paul road, a sawmill spur near Maple station on the Northern Pacific, and the proposed spur to the Jefferson Ice Company's ice house near Lake Geneva on the Chicago & North Western Railway. In the first case above named the engineer reported adversely. In the last two cases he reported that in his opinion it would not be "unusually unsafe and dangerous" to operate the proposed spur tracks.

During the year ending June 30, 1908, the engineering staff reported upon but one minor case involving the shifting of a depot from one station to another. The engineering examinations of the situation at Dwight station on the "Soo Line" were made, and expert testimony given the circuit court, previous to June 30, 1907.

The investigations of the Milwaukee street railway situation included studies as to the quality of service, in which members of the engineering staff had a part.

Under the Stock and Bond Issue Law the Railroad Commission has required reports from its engineering staff as to the physical valuation of the tangible property involved. Such valuations were made, among others, of the Southern Wisconsin Railway at Madison and the Chicago & Milwaukee Electric Railway.

The statute authorizing the organization of the Wisconsin Valley Improvement Company for the conservation of the waters at the source of the Wisconsin river, provides for certain administrative duties by the Railroad Commission involving, in certain details, some engineering service.

IV. JOINT SERVICE OF THE ENGINEERING STAFF FOR THE TAX AND RAILROAD COMMISSIONS.

The service rendered by the engineering staff jointly for the state board of assessment and the Railroad Commission falls under three heads:

1. Physical valuation of the steam railroad properties of the state.
2. Physical valuation of the Milwaukee street railway properties and associated lighting properties.
3. Physical valuation of the electric railway and associated lighting properties of the state.

Reference to the steam road valuation work has already been made in the introductory statement. The methods adopted in 1903-04 in these valuations have been used practically without change up to the present time. These methods were fully described in the detailed report submitted to the state board of assessment in January, 1905, by Professor W. D. Taylor, formerly engineer to that board, and published in the 1907 Report of the Wisconsin Tax Commission. During the coming year these methods are to be reviewed and improved in the light of the experience of the five-year period during which such valuation work has been in progress in this state.

The valuation of the Milwaukee street railway system, which was undertaken in February, 1907, for the joint purposes of the railroad and tax commissions, was completed early in July, 1907, and a formal report submitted about the middle of the latter month. This valuation work included the city lines (The Milwaukee Electric Railway & Light Company) 123 miles; and the Beggs interurban system radiating from Milwaukee (Milwaukee Light, Heat & Traction Company) 144.2 miles; together with the lighting and heating properties owned and operated in association with the electric railway lines in Milwaukee, Racine, and elsewhere.

The staff organized to carry on this work included the experts and assistants enumerated in the following list:

- One engineer in charge.
- One consulting engineer.
- One chief mechanical inspector.
- One chief roadway inspector.
- One chief electrical inspector.
- One field roadway inspector.
- One field mechanical inspector.
- One field electrical inspector.

Assistant field inspectors and office assistants varying in number from fifteen to twenty.

In making this valuation the property was classified into the following general groups or classes:

1. Land (right of way and other).
2. Track and track structures.
3. Cars and car equipment.
4. Electrical distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
10. Engineering and superintendence, organization and legal expenses, and contingencies.
11. Stores and supplies.
12. Paving.

The final report to the two commissions included tabulated exhibits, showing classifications of the total property under various heads. For example, one exhibit classified the property under the heads "Railway Only", "Light and Power", "Steam Heat," and "Other Property." Another exhibit classified the railway property only under "Operating and Non-operating." A third exhibit classified the operating railway property under "City Lines" (T. M. E. R. & L. Co.) and "County Lines" (M. L. H. & T. Co.); and a fourth classified the non-operating railway property in a similar manner. The total valuation, including all the properties above named, amounted to \$18,435,960 for the property new, and \$14,864,849 for the property in existing condition. For fuller details of the methods used in this work, reference is made to the detailed report submitted under date of July 13, 1907.

Immediately upon the completion of the formal report upon the valuation of the Milwaukee street railway system, the field work for the valuation of the remaining electric railway lines

of the state was undertaken. The methods employed in this and later valuation work were patterned closely after those developed in the Milwaukee valuations. The size of the staff was somewhat reduced and the organization of the same modified in some respects to meet the varying conditions. Of these additional electric railway lines, numbering in all 22, about one-half are operated in association with public utility properties supplying electric lighting and power service. The field work involved in the valuation of these began about the middle of July, 1907, and occupied a period of about three months, and the office work required an additional period of about two months. The continuity of this work was interrupted, however, by the earlier valuation work, undertaken under the provisions of the Public Utilities Law described elsewhere in this report.

EXPENSE OF THE ENGINEERING STAFF.

The expense of maintaining the engineering staff, including salaries and traveling expenses, but exclusive of instrumental equipment, during the year ending June 30, 1908, has been as indicated in the accompanying table:

EXPENSE OF ENGINEERING STAFF—RAILROAD AND TAX COMMISSIONS
June 30, 1907, to June 30, 1908.

MONTH.	No. on pay roll.	PUBLIC UTILITIES		R. R. COM. EXCEPT PUBLIC UTILITIES.		TAX COMMISSION.		
		Salary.	Ex- pense.	Salary.	Ex- pense.	Salary.	Ex- pense.	Total.
July.....	17			\$1,002 01	\$158 99	\$1,002 01	\$158 99	\$2,322 00
August.....	18			955 97	265 93	955 97	265 93	2,443 80
September.....	17			778 16	115 51	778 16	115 51	1,787 34
October.....	22	\$335 16	\$114 49	725 03	24 43	725 04	24 44	1,948 59
November.....	22	584 99	100 03	829 66	28 00	829 68	28 00	2,400 36
December.....	21	700 48	132 92	725 46	118 40	725 45	118 40	2,521 11
January.....	26	1,282 81	109 47	608 10	51 04	608 10	51 05	2,710 57
February.....	30	1,139 86	291 92	732 72	63 03	732 72	63 03	3,023 28
March.....	26	1,524 98	671 07	481 08	52 41	451 07	8 39	3,189 50
April.....	26	1,557 41	241 76	472 93	12 36	442 92	8 39	2,735 77
May.....	25	1,695 15	550 53	395 04	23 56	365 02		3,029 30
June.....	25	1,644 17	455 30	509 00		479 00		3,087 47
Total.....	av. 22	\$10,465 01	\$2,667 49	\$8,287 16	\$913 66	\$8,167 14	\$842 63	\$31,343 09
Grand total.....		\$13,132 50		\$9,128 82		\$8,937 77		\$31,199 09
Per cent.....		42%		29%		29%		100%

THE STATISTICAL DEPARTMENT.

The importance of reliable statistics in connection with duties, such as those devolving upon this Commission, and the immense volume of work connected with the preparation of such data, not only for the current work but for the reports which are required under the law, has required the organization of a statistical department. This department has been charged with the preparation of systems of uniform accounting for the various utilities in the state, provided for under the Public Utilities Law, and also the preparation of the various forms and other reports required under the law to be made to the Commission by the utilities under its jurisdiction.

On this department has devolved the work of compiling and editing these reports and the preparation of other statistical data. As the complaints which are filed frequently involve exhaustive investigations as to costs and other kindred questions, the work of the statistical department of the Commission has greatly increased. In addition to this, many inquiries and requests for assistance have been received, which this department has endeavored to satisfy. Matters of this nature have involved a wide range of subjects, such as the preparation of comparative tabulations and advice upon accounts and other questions. It has been necessary for the employes of this department to visit plants in different parts of the state for the purpose of examining books and accounts, and to secure statistical and financial data.

Owing to the fact that the law makes the rates in effect on April 1, 1907, the legal maximum rates, it has been necessary to compare all schedules received with those filed as in effect at that time, and call the attention of the respective utilities to the provisions of the law in cases where there appears to have been an advance in rates.

UNIFORM ACCOUNTING.

In the preparation of a uniform classification of accounts for public utilities, the scope of such work was found to be prescribed and limited by several important considerations, viz.: First: The purpose of such classification. Second: The methods

by which the product or service was rendered. Third: The great variations in the sizes of properties, and Fourth: The effect of the classification of accounts for one utility upon the account of other utilities, which might be operated by the same management and largely from the same premises.

If the purpose of a uniform classification were but to secure a statement of earnings and expenses of each utility, without regard to the many varying conditions of operation and their details, together with a general balance sheet for each corporation, many of the quasi-technical considerations which arise in connection with each class of utilities might be disregarded, leaving a work of comparative simplicity. But if accounts are to be kept which will enable the management of properties to determine the efficiency of their operations and permit the Railroad Commission to determine the reasonableness of rates charged for the service performed, the accounts to be prescribed must be such as show the cost of each step or process in the natural order of production, and the final cost per unit of service to the public. Whatever other elements may be considered in the making of rates, the cost of the service is of the first importance.

With the unit cost as the object in view to be determined from the accounts, attention was directed to the second general consideration,—the methods of operation. From the reports of all the utilities filed with the Commission, an examination was made of all the varying conditions of operation, both from the standpoint of physical advantages or limitations, and their relative economy.

Among the gas companies a number of plants produce only coal gas, some produce only water gas, while others purchase a part of the gas sold or purchase the entire product. An even greater diversity of conditions exists among electric and water companies. Electric current may be generated by steam power, gas power, hydraulic power or the product may be purchased from another electric utility or a manufacturing establishment. Water plants may pump by steam power, gas power or hydraulic power. Any two or all three of these utilities may be furnished by the same corporation, in which case much apparatus and facilities of service are used for the joint benefit of several utility departments. In a large number of plants conditions are rendered still more complicated through the operation of a

manufacturing or mercantile business in connection with the utility service, and in the municipally owned plants by a merging of the utility transactions with those of the city. These are some of the conditions under which the public utility business is being operated in Wisconsin and, consequently, any classification of accounts, to serve its purpose and to be a practical working scheme, must be so elastic in its provisions as to recognize these factors.

An accounting system which shows only the output cost of gas, the switchboard cost of electricity, etc., was deemed insufficient. Where both coal gas and water gas is produced, the accounts should show the cost per thousand cubic feet of coal gas, as distinct from the cost of the same amount of water gas. The record of the electric plants operating by two or more methods should show the cost per kilowatt hour at the switchboard of current generated by steam power, as distinct from that generated by any other motive power. The management must know which method or methods of manufacture are the most economical and offer the greatest profits. This information is also essential for the work of the Railroad Commission.

Further, unless a separate group of accounts were provided for each method of production, comparisons of results would be misleading, if not impossible. Such comparisons, to be of value, must be made between companies operating under substantially similar conditions. The switchboard cost of electric current generated at one plant by hydraulic power, cannot be used to show relative efficiency by comparison with a steam power plant.

The great variations in size of plants required many concessions to simplify the accounts. The large and completely equipped plants in the metropolis and other large cities of the state, with their technical and specialized labor, require a system wholly impossible to the many small plants which range in size downward to those utilities established and maintained by public spirited citizens, or by the municipality, largely as a matter of civic pride. There are, however, in each class of utilities certain natural divisions of the process of production or service which are not affected by the magnitude of the operations. To apply to these conditions, a classification of accounts must be elastic, not only as to the methods of operation, but also as to its working practicability for all companies. It must be condensed

for the small properties and detailed for the large ones, without destroying the possibility of a comparison of costs.

Careful attention was paid to the accounting and operating practices of corporations or municipal plants operating two or more utility services. Since electric plants and water works, when operated by steam power, both require a large boiler capacity or other prime motive power, there is apparent a strong tendency for their combination in the interest of economy. This tendency is most pronounced in the smaller cities, and is best seen in the field of municipal ownership. In the larger cities the tendency is more toward a combination of gas and electric industries, because of the competitive nature of their service. In all such cases of joint operation, in order to determine the cost per unit of service, all joint charges should be apportioned over the different departments according to their demands upon the joint facilities or upon the basis of service received by each. Thus the operating and maintenance expenses of joint apparatus, many of the commercial, the undistributed general and administrative expenses must be apportioned. The same is true of taxes, interest and sinking fund requirements in regard to bonds which are outstanding and a charge against the plant as a unit, amortization charges, dividends and other overhead charges. This follows logically from the proposition that each utility should be credited with all the revenue which it earns, and charged with all expenses which it occasions.

With these general considerations in mind, the schedules of accounts were prepared for each class of utilities. From the outset it was deemed advisable to make haste slowly. The existing methods of companies, as shown by their reports, trial balances and outlines filed with the Commission, were carefully examined. Frequent conferences were had with the representatives of the utilities and with members of their accounting committees appointed by the state associations. From time to time circulars were issued, explaining the general principles upon which the accounts to be kept by the companies were to be based and what subdivisions were to be made. Whenever companies arrived at a point where their accounting system could be conveniently changed, the system as prescribed by the Commission was adopted, with the result that the desired uniformity in all utility fields is being gradually accomplished. It is possible that

after an adequate trial some alterations will be found expedient, both from the standpoint of general experience and practice or of individual conditions. A detailed text of instructions was prepared to accompany the schedules for each utility.

Owing to the great difference in sizes of the companies, it was necessary to prepare two separate schedules, each based upon the same principles, but varying greatly in the detail required. A classification of accounts based upon the natural steps of production, with only the most important items subdivided, forms the primary schedule for the use of the smaller companies and is referred to as classification "B". The schedule of accounts for the larger companies, referred to as classification "A", consists of a development, refinement and unfolding of the items in the primary schedule. In this manner, with the larger classification predicated upon the smaller, an elastic working system is provided which will apply to any size of companies or methods of operation.

The particular classification of accounts which any company is to follow, was not made subject to any one factor. Conditions vary too much for such an arrangement. In determining their classification, the Commission considered the population which the company serves as determining its opportunities for development, its present development as shown by its gross earnings, and conditions peculiar to certain plants. For some of the very small utilities it was found necessary to simplify the work as much as possible, consistent with the requirements of the Commission. All companies placed in class "B" are required to keep at least those accounts embraced in the schedule for that group, while all companies placed in class "A" must keep at least the accounts embraced in schedule "A". Any company, which was found unable to keep even the accounts prescribed for class "B", has been permitted to meet its individual needs by a system which consists of combinations of several of the accounts in schedule "B". Any company in class "B" desiring a more detailed system, has been permitted to adopt the accounts of class "A" companies. Any company in class "A" desiring a more detailed system, has been authorized to engage in as much refinement or subdivision of the schedule as it deemed advisable for its interest, but in no case can any of the schedule accounts of one natural division be combined

with those of another, so as to destroy the integrity of the general scheme. A copy of all additional accounts and the subdivisions of the prescribed accounts must be filed with the Commission. The annual report to be made by each utility is based upon the classification of accounts prescribed for the class in which it has been placed.

STATISTICAL TABULATIONS.

A. PRELIMINARY.

The first annual report of utility properties called for by the Commission was for the year ending December 31, 1907. The financial report forms used were based upon the accounting practices of a number of companies and were arranged to show in detail for each utility the sources of revenue, the principal items of operating expense, the fixed charges to be deducted from the net income, and a balance sheet, the report contemplating a separation of accounts by companies operating two or more utilities, or a utility service in connection with a manufacturing or mercantile business, in order to show the financial data independently for each utility service operated.

In its efforts to obtain this information, the Commission has been laboring in untrodden fields. No organization or state agency has preceded it to prepare a way for standardization of methods and accounts. There are some companies which have kept a systematic and detailed record of their financial transactions which reflect the most advanced thought on the subject of public utility accounting, and their reports were easily analyzed, but they represent a small minority in the aggregate. Many utilities keep practically no records worthy of the name, while in not a few cases, and even where the services performed are considerable in extent, the most detailed records are found in check-book stubs, pocket memoranda, or the memory of the manager. In some instances office records of considerable detail are maintained, but the methods followed are not always correct. Originally founded on some fundamentals, the system has since been enlarged or condensed to suit the needs of a complex business connection or the personal views of the operators. Revenues from all oper-

ating sources and non-operating revenues have frequently been merged, while operating expenses are confused with construction expenses, the accounts often being grouped more for convenience than to enable an analysis of results. The greatest difficulty was encountered in the separation of revenues and expenses by those corporations or municipalities operating two or more utilities, the general practice having been to credit all revenues to a single fund, from which all expenses were paid without regard to the department which occasioned them.

B. MUNICIPALLY OWNED UTILITIES.

In the lack of separation between the public service properties and other operations, municipalities appear as the chief offenders. The greatest criticism, which must be offered against the municipal methods, was the merging of public service accounts with those of the city. Revenues, which should be credited to the treasury of the utility, were turned into the general fund of the city, while the plant's operating expenses were generally paid out of the same city fund, showing no record other than the general entries "Cash Paid." While the public plants often received no credit for hydrant service or water for sprinkling service or electric current for street arcs or incandescents, the city paid the interest on the construction bonds, reasoning that this is a fair compensation for the service received. This may be true, but it cannot be proven from the accounts or records of the property. The accounts of the municipally owned utility should be affected no more by the transactions in the municipal funds, than should the accounts of the private utility reflect the activities of the shareholders. In many cities, especially the smaller ones, the inspection of the distribution system is a part of the duties of the street superintendent or marshal. Meters are read, and often inspected by the same city officials at times when not engaged in other municipal duties, but the public service property is not charged with any proportion of their expenses. The city clerk and his assistants generally furnish, without additional cost, much of the service which is reported by private plants under the head of administrative or general expense. Until a separation of accounts between the two de-

partments is made, a comparison with private enterprise, to determine relative efficiency, is impossible.

C. REPORTS FOR YEAR ENDING DEC. 31, 1907.

The reports which the utilities filed with the Commission were in the main incomplete. Officials of plants were unfamiliar with the reports and often, not having kept any detailed records or voucher systems, were unable to report their expenses, except in gross or for a very few of the major items. However satisfied the companies may have been with their accounts, the possibility of being called upon to make a detailed report was not in their contemplation, and it is but natural that many difficulties should have been encountered. Doubtless every official gave his best efforts to supply the information necessary to meet the requirements of the Commission. A voluminous correspondence was conducted, explaining the desired items of information, furnishing the basis of separation of expense common to several departments or utilities, outlining the methods of checking the operations of the plants and, in a number of instances, personal assistance was given by representatives from the Commission. Much valuable assistance was received from the utility officers in the re-arrangement of reports following a uniform plan. In view of these conditions, the most detailed and analytical report cannot be presented. In fact, it is far from as complete as the Commission might wish. However, when it is considered that this entire work represents the first attempt of all the utilities to report upon a uniform basis, the result may be regarded with more or less satisfaction.

The utilities, both private and municipal, operating in the larger cities, filed reports which were much more detailed and reliable than those of the smaller properties. For this reason it was deemed advisable to divide the companies into two classes, according to the size of the cities in which they operated. Any basis for such a classification must necessarily be an arbitrary one, and, upon examination of all the reports filed, it appeared that the utilities could be separated into a group of those operating in cities of over 5,000 population, and those operating in smaller cities. In each of these classes the private and municipal plants were tabulated separately.

Owing to the present incomplete records of the companies, it was found impossible to show the total expenses for each of the principal items of labor, supplies and repairs in the primary divisions of operation. Such data should be available for the most accurate system of analysis and checking of results. In this first report, however, the greatest detail found possible is in showing the total expenses for labor, supplies and repairs and in one or two instances other items generally reported for each of the natural or primary divisions of operation. For companies operating in cities under 5,000 population, these subdivisions were found impossible, the greatest detail permissible being in showing the total expense for each primary division. This explanation applies, in general, to the balance sheets as well. The more important items were kept by practically all the properties. Where accounts were deficient, access was often had to original sources of information to supply the necessary data. As a more detailed accounting system must consist of a subdivision and refinement of these natural primary items, the possibility of a comparison of results is provided for in connection with whatever details appear expedient in future reports. A number of companies made reports which doubtless represented their best efforts, but they were so incomplete or manifestly incorrect, that they were excluded from the tabulations.

While the material presented in the statistical tables represents the best result possible from the present system of accounting, supplemented by the experience and knowledge of officials and personal inspection, too much reliance should not be placed upon the data. The tabulations, as made from the reports, are believed to be substantially correct, but with the evidences of erroneous methods clearly apparent the results must be used with caution. The very wide fluctuations which appear among all the companies, as shown by the table of operating ratios, can best be explained by the absence of uniform methods of accounting, and also show the great necessity for such a system. Different accounts, and even different interpretations of the same accounts, have given results varying over a wide margin.

With the general adoption of the uniform classification of accounts prescribed by the Commission, the blank forms used in making annual reports to the Commission will recognize the

accounting concessions made necessary by the difference in size and conditions of the utilities. In this respect the future work will be greatly simplified and more accurate data obtained. It is also believed that, as a result of the manner in which the work has been prosecuted this year and the degree of care and accuracy insisted upon in reports and correspondence, the officials of all utilities have become familiar with the work and the requirements of the law, which should serve to minimize or remove many of the difficulties which have been encountered.

The collection of the materials for the tables on operating data was hampered by the fact, that a large number of utilities were not provided with the proper station apparatus to enable them to supply the information desired. Where the data could be supplied by calculations, this has been done, and it is believed that the results are approximately correct. For a number of utilities the tables were left blank, owing to the absence of any reasonable basis for calculation.

A number of companies submitted reports which were either incomplete, or so involved with the transactions of other departments as to preclude their tabulation. Other utilities, mostly very small plants, were totally unable to make a report for this year, either because they had been in operation only a brief period, were engaged in a general reconstruction of other plants, or, owing to litigation, found their affairs in a very disorganized state.

HEATING

The central heating business has not as yet reached any large proportions in this state. The number of companies is small, and their operations, with one or two exceptions, are not extensive. They are mainly auxiliary to electric companies. The business, however, is growing, and the number of consumers is increasing. The number of companies, their location, gross earnings, and other operating data are published elsewhere in this report.

More detailed information cannot be given at this time, owing to the fact that operations are generally merged with those of the utility and other business in connection with

which the heating service is being operated. The revenue from this service has been regarded by the companies as income from residual products, and has not been treated as a separate utility.

RATES

Shortly after the passage of the Public Utilities Law a request was issued to all utilities to file a schedule of their rates, tolls and charges for services performed within this state, and their rules and regulations which in any manner affected the rates, in force on April 1, 1907. The response to this request was in general far from satisfactory, both as to the number of replies received and the completeness with which the rates were classified. To assist companies in reporting this material, there were prepared in September, 1907, blank forms to be used in filing such rates. By the use of such uniform outlines, supplemented by much correspondence, replies were more numerous and the rates more completely reported. Changes and amendments to the original schedules on file have been reported. To facilitate the filing of amendments, blank forms suitable for the use of each utility have been prepared and a number of copies mailed to each, which are being used as occasion requires.

The rates filed by the larger companies are generally based upon scientific considerations, but those of the smaller companies partake of every conceivable form and method of determination. They vary from the simple schedule of but two or three lines to the most elaborate classification of consumers. In a majority of instances there appears to have been no particular system followed in determining the amount to be charged for a given service. The process of reasoning, which in some cities placed certain classes of consumers upon meter rates or upon flat rates, or determined the rates to be paid by certain classes of consumers, seems to have been exactly reversed in other cities. Rates for similar service often vary several hundred per cent in neighboring cities. In a number of instances schedules are in force which make some concession in rates with increasing consumption, but the rates have seldom been determined with regard to the cost of the service. Too frequently the tendency is noticed to copy the rate

schedule of another community, with the result that many inconsistencies in charges are passed from city to city. The majority of schedules on file, in the effect of their application, are not calculated to secure the greatest development of service with the consequent reduction in the unit cost. The variety of methods and details is so great as to preclude the possibility of their tabulation. There has been prepared a brief summary of all electric, gas and water rate schedules filed by each company, including the amendments up to June 30, 1908. The schedules of telephone rates, both for the local exchanges of the Wisconsin Telephone Co. and the independent companies, follow a uniform system and have been arranged in tabular form.

The material has been summarized in the alphabetical order of the cities in which the utility service is furnished. Rates are not given for plants constructed during the fiscal year and not in complete operation at the end of such period, nor for plants which suspended operations during the year. Wherever one utility renders service in several cities, the rates are shown for each city separately in its alphabetical order, rather than all the rates of such utility being reported together. Wherever several utility plants are engaged in supplying the same kind of service in one city, all their rates are shown in the data given for that city.

The material shows the rates for 210 electric companies, 51 gas companies, 104 water companies, 13 heating companies, 68 local exchanges of the Wisconsin Telephone Co. and for 433 independent telephone exchanges.

A number of utilities did not file their schedules of rates as required by statute and as requested by the Commission. A considerable number of telephone utilities, being purely mutual companies, were unable to file a schedule of rates, since their revenue consisted only of assessments levied to meet certain expenses as they occurred, which assessments varied in amounts from time to time.

COMPLAINTS—FORMAL AND INFORMAL, AND OTHER INFORMAL MATTERS CONSIDERED BY THE COM- MISSION.

During the past fiscal year a large number of complaints and other matters, both formal and informal, have been handled by the Commission. A summary of these matters is given in detail in another part of this volume under proper headings, but there are given below some tabulations, which will briefly indicate the nature of the business handled.

The volume of work in relation to these cases is indicated by the transcripts of stenographer's notes taken at the hearings on the formal matters. The totals are as follows:

63 railroad cases	10,731 folios.
36 public utility cases	13,140 "
8 applications for certificates of convenience and necessity.....	2,154 "
2 applications for authority to issue stocks and bonds.....	57 "
Total	26,082 "

In addition to the above, the decisions rendered during the year covered 897 typewritten pages of legal cap paper.

The tabulation here given represents the filing of complaints by months:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
July	12	46	1	2	4	1	.....	66
August	16	68	6	4	5	8	1	108
September	24	59	5	19	.....	2	1	110
October	6	86	10	24	1	2	.....	129
November	12	45	3	23	.....	2	2	87
December	12	55	6	30	.....	1	.....	104
January	6	68	14	31	.....	1	.....	120
February	13	63	9	20	1	7	.....	113
March	6	51	9	16	1	3	.....	86
April	9	50	9	19	.....	2	.....	89
May	9	47	5	18	1	6	.....	86
June	6	35	6	40	1	4	.....	92
Total	121	673	83	246	14	39	4	1,180

- (1) Formal railway
- (2) Informal railway
- (3) Formal utility
- (4) Informal utility
- (5) Application for certificate of convenience and necessity
- (6) Application for authority to issue stocks and bonds
- (7) Suits against the Commission
- (8) Total

FORMAL MATTERS.

Railways.—In the period covered by this report there were filed 114 formal complaints against railway companies, covering a wide range of subjects, and in addition to this 7 formal investigations involving railway companies were undertaken by the Commission. The complaints filed are roughly classified as follows:

Rates	52
Telephone and telegraph service in stations.....	11
Involving switching service.....	3
Spur track to industries.....	5
Highway crossings.....	5
Station facilities.....	16
Railway connections.....	1
Passenger trains, fares and service.....	11
Express companies	3
Street and interurban railway service and rates.....	7
Total.....	114

Utilities.—In the above mentioned period there were 83 formal complaints, investigations and other formal matters affecting utilities. They may be roughly classified as follows:

Rates.....	21
Application to increase, modify or equalize rates.....	42
Valuation of property.....	13
Investigations upon motion of Commission.....	7
Total.....	83

INFORMAL MATTERS.

The informal complaints and other informal matters affecting railways and other utilities, as shown in the above table, number 673. These matters relate to a wide variety of subjects, and questions of considerable importance have been handled in an informal way. As was stated in previous reports, frequent adjustments of differences existing between the public and the corporations have been arrived at through the medium of the Commission, with results satisfactory to the parties interested. This is particularly the case so far as it relates to railways, the settlement of a large number of claims against carriers having been facilitated in this way.

The informal matters are roughly classified as follows:

<i>Railways—</i>	
Overcharge.....	167
Cars—failure to provide or shortage of.....	10
App. authority to refund.....	19
Rates—emergency.....	36
Discriminatory.....	10
Inquiries for—complt's conc.....	101
Inquiries—R. R. Law and jurisdiction of Commission.....	35
Crossings—unsafe.....	17
Telephone and telegraph service in stations.....	15
Shipments—delayed—injured or lost.....	30
Approval—interlocking plants and devices.....	7
Complaints—passenger fares.....	11
Special trains and service.....	14
Train service, facilities and connections.....	38
Station—lack of—stopping at.....	10
facilities and service.....	24
Street car service and rates.....	6
Request or complaints—side tracks and spur tracks.....	12
Express rates and service.....	6
Checking baggage.....	3
Minimum rates and charges.....	8
Rates on coal.....	6
Reports of accidents.....	5
Miscellaneous.....	83
Total.....	673
<i>Utilities. —</i>	
Complaints against telephone companies.....	53
Complaints against electric light, heating and water companies.....	25
Informal applications relating to rates.....	6
Various informal investigations concerning rates and other informal matters.....	162
Total.....	246

COMPLAINTS RELATING TO EXCESSIVE FREIGHT CHARGES.

The last legislature passed sec. 1797—37m, Laws of 1907, providing in substance that within six months after the delivery of any shipment of freight at destination, any person aggrieved may complain to the Commission that the charge exacted for the transportation of such freight between points in Wisconsin is unusual or exorbitant, and gave this Commission jurisdiction to investigate such charges and to make an order authorizing the railway companies to settle such claims if the rates charged are found to have been unusual or exorbitant. Under this section 16 complaints were filed, which were heard, and 10 decisions were rendered thereon ordering refunds.

Many of the complaints filed under this section are the result of a lack of ordinary care and diligence on the part of the

shippers. Shipments, in many cases, were made without any inquiry whether or not there were commodity rates in effect, and in many cases the companies would have put such rates into effect if application had been made to them.

Some of these complaints have been for insignificant sums and the cost directly incurred by the state has been in some cases in excess of the amount of the alleged overcharge. Some limitation should, perhaps, be placed upon the Commission's jurisdiction. The amount might be limited to not less than a specified sum, and a suggestion to this effect is made under the head of changes in legislation.

UTILITIES.—SURRENDER OF FRANCHISE.—INDETERMINATE PERMITS.

Under the provision of sec. 1797m—77, ch. 499, Laws of 1907, any public utility, being at the time a corporation duly organized under the laws of the state of Wisconsin, operating under an existing license, permit or franchise, shall, upon filing at any time prior to July 1, 1908, with the clerk of the municipality which granted such franchise, receive, by operation of law, in lieu thereof, an indeterminate permit. The filing of such declaration shall be deemed a waiver by such public utility of the right to insist upon the fulfillment of any contract theretofore entered into relating to any rate, charge or service.

An indeterminate permit is defined to "mean and embrace every grant, directly or indirectly from the state, to any corporation, company, individual, association of individuals, their lessees, trustees or receivers appointed by any court whatsoever, of power, right or privilege to own, operate, manage or control any plant or equipment or any part of a plant or equipment within this state for the production, transmission, delivery or furnishing of heat, light, water or power, either directly or indirectly, to or for the public, which shall continue in force until such time as the municipality shall exercise its option to purchase * * * or until it shall be otherwise terminated according to law."

The following is a list of corporations which filed notices of surrender of franchise with the Commission and which obtained, in lieu thereof, an indeterminate permit, together with the date on which such notices were filed and the location of the corporation:

LIST OF INDETERMINATE PERMITS.

No.	Date filed.	Company.	Location.
1.	8/ 1/07	Ashland Light, Power & St. Ry. Co.....	Ashland.
2.	9/27/07	Monroe Electric Light & Power Co.....	Monroe.
3.	9/27/07	Mellen Water & Light Co.....	Mellen.
4.	10/21/07	Burlington Electric Light & Power Co....	Burlington.
5.	10/21/07	Appleton Water Works Co.....	Appleton.
6.	11/26/07	Milwaukee Central Heating Co.....	Milwaukee.
7.	11/29/07	City Water Company.....	Marinette.
8.	11/26/07	City Water Company.....	Sheboygan.
9.	12/ 3/07	Menominee & Marinette Lt. & Traction Co.	Marinette.
10.	12/ 4/07	Mineral Point Electric Light Co.....	Mineral Point.
11.	12/21/07	Wisconsin Electric Service Co.....	Chilton.
12.	12/17/07	North Milwaukee Light & Power Co.....	N. Milwaukee.
13.	1/ 1/08	Northwestern Iron Co.....	Mayville.
14.	2/18/08	Dodgeville Electric Light & Power Co....	Dodgeville.
15.	2/20/08	Platteville Electric Light & Power Co....	Platteville.
16.	3/12/08	Falls Light & Power Co.....	Sheboygan Falls.
17.	4/16/08	Waukesha Gas & Electric Co.....	Waukesha.
18.	4/24/08	Equitable Electric Light Co.....	Lake Geneva.
19.	5/13/08	Portage American Gas Co.....	Portage.
20.	5/30/08	Cashton Light & Power Co.....	Cashton.
21.	6/12/08	West Bend Heating & Lighting Co.....	West Bend.
22.	6/21/08	Washburn Electric Light & Power Co....	Washburn.
23.	6/20/08	Darlington Electric Light & Power Co....	Darlington.
24.	6/20/08	Racine Water Co.....	Racine.
25.	6/21/08	Rhinelanders Lighting Co.....	Rhinelanders.
26.	6/21/08	Manitowoc Water Works Co.....	Manitowoc.
27.	6/23/08	Manitowoc Electric Light Co.....	Manitowoc.
28.	6/23/08	La Crosse Gas & Electric Co.....	La Crosse.
29.	6/23/08	City Water Works.....	Merrill.
30.	6/25/08	Medford Light & Heating Co.....	Medford.
31.	6/25/08	Merrill Railway & Lighting Co.....	Merrill.
32.	6/25/08	(Correcting surrender No. 23).....	
33.	6/29/08	Superior Water, Light & Power Co.....	Superior.
34.	6/29/08	Lake Geneva Water & Light Co.....	Lake Geneva.
35.	6/29/08	Minahan Building Co.....	Green Bay.
36.	6/29/08	Citizens' Gas Co.....	Burlington.
37.	6/29/08	Plankinton Electric Light & Power Co....	Milwaukee.
38.	6/29/08	Wells Power Co.....	Milwaukee.
39.	6/27/08	Glenwood & Downing Light & Power Co..	Glenwood.
40.	6/29/08	Chippewa Falls Water Works & Lighting Co	Chippewa Falls.
41.	6/30/08	Kaukauna Gas, Electric Light & Power Co.	Kaukauna.
42.	6/30/08	Kankauna Gas, Electric Light & Power Co.	Little Chute.
43.	6/30/08	Portage Electric Light Co.....	Portage.
44.	6/30/08	Beaver Dam Fuel & Light Co.....	Beaver Dam.
45.	6/30/08	Beloit Water, Gas & Electric Co.....	Beloit.
46.	6/30/08	O. I. Newton's Sons Co.....	Sparta.
47.	6/29/08	Viroqua, Electric Light Co.....	Viroqua.
48.	6/29/08	Ripon Light & Water Co.....	Ripon.
49.	6/29/08	Chippewa Valley Ry. Light & Power Co..	Eau Claire.
50.	6/30/08	Menominee & Marinette Lt. & Traction Co.	Marinette.
51.	6/30/08	Campbellsport Electric Light & Power Co.	Campbellsport.

INFORMAL INVESTIGATIONS.

In another part of this volume will be found references to formal investigations begun by the Commission on its own motions. The most of these have been followed by hearings and published decisions, and therefore slight reference is made to them in this volume.

In addition to these, other important investigations, relating to every department of the Commission's work, have been carried on informally. Reference is made to some of them in the discussion of the work performed by the engineering department, which can be found on another page.

Tariff Department.—Informal investigations have been made by the tariff department at the instance of complainants, which have resulted satisfactorily to the parties interested. This is particularly true of the matter of claims for overcharges against carriers. Every complaint submitted has been thoroughly investigated with relation to the rates and the applications made by the companies in determining their charges. This has been observed both as to intra- and inter-state business, the only limitation, so far as interstate traffic is concerned, being the fact that in many cases the files of tariff issues of foreign railways are incomplete. In cases of this kind, where the information was not at hand, the matters have been submitted to the interstate commerce commission and the necessary data secured. These investigations have resulted in frequent adjustments of claims which the carriers had heretofore declined.

Railway Weights and Scales.—The Railroad Commission Law was amended at the last session of the legislature, requiring every railway to correctly weigh all freight shipped, on actual weight, and to correctly weigh all empty cars when freight was shipped in carload lots, and this Commission was given the power to test the weights made by the railways and the scales used in weighing freight or cars under these provisions. The matter of railway weights and scales has received a thorough, but informal investigation. Representatives of the Commission have personally tested the track scales in every part of the state, and while they have been generally found in excellent condition, still the attention of the railways was promptly called to each scale that was found to be defective in any particular, and the

railway companies were instructed to make such corrections, and it is fair to them to state, that the suggestions of the Commission in this respect have been complied with with promptness. The information gained in this respect has been of value to the Commission in the consideration of questions in which the question of scale weights was at issue.

Utilities.—An informal investigation, attended by striking results, was that undertaken to ascertain the extent of discriminations practiced by public utilities doing business in the state. Owing to the general interest shown by the public on this subject, and the results obtained, a full discussion of this particular investigation is here given.

RATE DISCRIMINATIONS BY PUBLIC UTILITIES IN WISCONSIN.

Soon after the Public Utilities Law went into effect, the Commission forwarded, to all utilities operating in the state, blanks upon which to report their schedules of rates in effect on April 1, 1907. Even before these blanks were returned, many inquiries were addressed to the commission by utilities concerning the lawfulness of certain charges. These numerous inquiries disclosed the fact that a multitude of discriminatory rates were in effect in this state when the law was passed. The rate schedules, when placed on file, confirmed this conclusion. In the course of several months many discriminations were eliminated by formal proceedings in the shape of applications to equalize rates, by informal correspondence, and by formal and informal conferences.

Although the work of abolishing discriminatory rates went forward without interruption, there were indications that many such rates were still in effect, even in the latter part of the year 1908. With a view to determine the extent of these practices, the Commission, subsequent to June 30, 1908, sent out other sets of blanks, requiring utilities to report 1, the names of all persons receiving service at other than the published schedule rates, 2, the rate charged in each instance, 3, the rate which should have been charged, and 4, whether such rates were based on contracts terminable at the will of the company. When these

statements were placed on file, they proved a revelation. Although the work of equalization had been going on for some time, the law having been on the statute books for over a year, it was evident that a great number of consumers were still receiving the benefits of discriminatory rates.

It should be stated, however, that not all of the special rates reported by utilities are to be regarded as deliberate discriminations by the terms of the Utilities Law. In many instances the special rates were apparently the direct result of keen competition, wherein rival utilities held out special inducements to prospective customers. In many of these cases formal contracts were entered into, and in such instances the special rates are reported as being in effect until the expiration of such contracts.

In certain cities of the state municipalities and also public officials are reported as beneficiaries, some of which concessions are granted under the terms of franchises. Religious, charitable and educational institutions are also granted special rates in some cases.

In the following discussion attention will be given to discriminatory rates in telephone, water, gas and electric service in the order named.

DISCRIMINATIONS IN TELEPHONE RATES.

Early in the fiscal year the attention of the Commission was directed to the fact that certain telephone companies in the state were maintaining rates and following practices prohibited by the Utilities Law. Many inquiries were addressed to the Commission for a construction of the law, and it soon became apparent that the requests for opinions were becoming too numerous and too varied to answer by informal correspondence. A conference was therefore called at Madison on March 24, 1908. Official notice of this conference was sent to all the telephone companies of the state, and as a result of the discussion at this time, the Commission handed down a decision and order "*In re Free and Reduced Rate Telephone Service*" (U. 18), which covered practically all the mooted questions. This decision was rendered June 12, 1908, and the companies were given three months in which to comply with its terms and equalize all discriminatory rates.

Early in the month of August, 1908, blanks were sent out to

all telephone companies earning over \$10,000 annually, upon which blanks were requested the names of all subscribers still receiving telephone service at less than the legally published schedule rates. Some of the companies responded very promptly; others did not report until October and later. As a result of this lack of uniformity in the time of filing the reports, it is impossible to say what the situation was at any one time. The tabulations which follow represent the situation in September, 1908. The work of equalizing rates was going on to some extent all year, so that the reports to the Commission reveal the situation after a large share of the discriminatory rates in the state had already been abolished. Some companies reported cases as discriminatory which are classed otherwise when interpreted with reference to the Commission's decision and order above referred to (U. 18).

In tabulating the returns, the companies were divided arbitrarily into two classes—"A" and "B," the former including those companies earning more than \$20,000 annually, and the latter those earning over \$10,000 but less than \$20,000.

Number of Telephone Exchanges Reporting.—The following is a short summary of the reports on file:

TABLE I.

Summary of telephone companies and exchanges.

	Reporting no discriminations.	Reporting discriminations.	Total.
Number of companies	29	32	61
Number of exchanges.....	68	79	147

From the above it can be seen that 29 out of the 61 companies written to report no discriminatory rates *at any of their exchanges*. Where the same company reported discrimination at one exchange and no discrimination at another, it has been counted, of course, only in the total of companies reporting discrimination. Clearly, the number of exchanges involved is more important, however, than the number of companies, and the following shows the exchanges where, according to the reports of the companies, discriminatory rates were in effect.

Some companies did not make special reports for each exchange, so that the total number of exchanges involved is probably somewhat in excess of what appears in the list.

TABLE 11.—SUMMARY OF DISCRIMINATORY RATES FOR TELE-
(Including companies)

Schedule rates.	Free phones.	31 cts.	42 cts.	50 cts.	58 cts.	75 cts.	83 cts.	92 cts.	\$1.00	\$1.08	\$1.25	\$1.42	\$1.50	\$1.62
\$0.50.....	3													
.66.....					7									
.83.....	4		12											
1.00.....	3	2		5		361	1							
1.04.....	2													
1.25.....	5					36		2	105	7				
1.50.....	17					73	2		497		85			
1.75.....											6		315	
2.00.....	49					12			417		6		168	
2.08.....	2													
2.25.....													1	
2.50.....	14			1		1			326		9		66	3
2.75.....														
3.00.....	18								2				13	
3.50.....	2					1			35			1	7	
3.75.....														
4.00.....	1													
4.50.....	15													
6.00.....														
Total sub-stations.	135	2	12	6	7	484	3	2	1,382	7	106	1	560	3
Total schedule charges.		\$0.62	\$5.04	\$3.00	\$4.06	\$363.00	\$2.49	\$1.84	\$1,332.00	\$7.56	\$132.50	\$1.42	\$840.00	\$4.86

Difference equivalent to rebate, or free service — per month.....
Annually 12×\$2,596.86=.....

TABLE III.

Exchanges and number of subscriber stations at which telephone service was given at less than schedule rates, with comparative total monthly charges.

Name of company.	Location of exchange.	Number of subscriber stations at reduced rates.	Actual monthly charge. Total.	Monthly charge by schedule rates. Total.
Class "A" companies				
1. Ashland Home Telephone Co.	Ashland	24	\$23 50	\$54 50
2. Citizens' Telephone Co.....	Racine	2	00	5 00
3. Dane County Telephone Co..	Madison	681	1,204 50	1,563 75
4. Douglas County Tel. Co.....	Superior	67	68 44	210 78
5. Fox River Val. Tel. & Tg. Co.	Green Bay	52	50 00	98 00
6. La Crosse Telephone Co.....	La Crosse	21	32 00	51 00
7. Peoples Telephone Co.....	Superior	19	11 66	55 00
8. Wisconsin Telephone Co.....	Algoma	12	11 75	24 00
9. Wisconsin Telephone Co.....	Appleton	8	19 00	28 00
10. Wisconsin Telephone Co.....	Ashland	1	1 00	2 00
11. Wisconsin Telephone Co.....	Bayfield	1	1 50	2 00
12. Wisconsin Telephone Co.....	Burlington	1	1 67	1 75
13. Wisconsin Telephone Co.....	Columbus	79	70 65	135 00
14. Wisconsin Telephone Co.....	Darlington	3	2 25	4 50
15. Wisconsin Telephone Co.....	Delavan	4	12 25	15 00
16. Wisconsin Telephone Co.....	Depere	121	131 00	257 50
17. Wisconsin Telephone Co.....	Elkhorn	21	19 50	33 00
18. Wisconsin Telephone Co.....	Fond du Lac	97	138 50	241 00
19. Wisconsin Telephone Co.....	Ft. Atkinson	9	9 00	22 00
20. Wisconsin Telephone Co.....	Green Bay	14	13 50	28 00
21. Wisconsin Telephone Co.....	Hartford	83	82 00	124 25
22. Wisconsin Telephone Co.....	Hartland	30	42 99	65 50
23. Wisconsin Telephone Co.....	Horicon	65	53 50	84 50
24. Wisconsin Telephone Co.....	Hortonville	32	27 75	47 50
25. Wisconsin Telephone Co.....	Hurley	12	22 50	29 25
26. Wisconsin Telephone Co.....	Janesville	19	27 15	48 00
27. Wisconsin Telephone Co.....	Jefferson	63	60 50	101 00
28. Wisconsin Telephone Co.....	Juneau	28	26 25	54 00
29. Wisconsin Telephone Co.....	Kaukauna	6	7 00	12 00
30. Wisconsin Telephone Co.....	Kewaunee	62	63 00	87 50
31. Wisconsin Telephone Co.....	La Crosse	149	217 50	309 00
32. Wisconsin Telephone Co.....	Madison	676	730 87	1,492 00
33. Wisconsin Telephone Co.....	Manitowoc	56	70 04	124 00
34. Wisconsin Telephone Co.....	Marinette	3	5 00	10 50
35. Wisconsin Telephone Co.....	Mayville	39	32 25	51 00
36. Wisconsin Telephone Co.....	Menomonie	3	5 42	9 50
37. Wisconsin Telephone Co.....	Neeah	7	18 00	25 00
38. Wisconsin Telephone Co.....	New London	27	26 00	40 50
39. Wisconsin Telephone Co.....	N. Fond du Lac	7	14 00	21 50
40. Wisconsin Telephone Co.....	Oconto	42	35 50	59 00
41. Wisconsin Telephone Co.....	Oconto Falls	6	5 75	11 00
42. Wisconsin Telephone Co.....	Omro	3	4 25	5 50
43. Wisconsin Telephone Co.....	Oshkosh	37	39 00	60 50
44. Wisconsin Telephone Co.....	Peshigo	1	1 00	2 00
45. Wisconsin Telephone Co.....	Pt. Washington	70	68 00	114 50
46. Wisconsin Telephone Co.....	Princeton	9	9 00	17 00
47. Wisconsin Telephone Co.....	Shullsburg	101	92 50	145 00
48. Wisconsin Telephone Co.....	Stevens Point	14	23 00	32 00
49. Wisconsin Telephone Co.....	Sturgeon Bay	4	6 50	8 50
50. Wisconsin Telephone Co.....	Watertown	4	5 75	8 00
51. Wisconsin Telephone Co.....	West Bend	89	88 50	110 75
52. Wisconsin Telephone Co.....	Whitewater	186	163 50	246 50
		3,170	\$3,945 74	\$6,388 53

TABLE III—Continued.

Name of company.	Location of exchange.	Number of subscriber stations at reduced rates.	Actual monthly charge. Total.	Monthly charge by schedule rates. Total.
Class "B" companies:				
1. Baraboo Telephone Co.....	Baraboo.....	9	\$ 00	\$6 50
2. Bayfield County Tel. Co.....	Washburn.....	12	9 50	24 00
3. Brodhead Telephone Co.....	Brodhead.....	1	00	1 50
4. Central Wis. Telephone Co....	Hixton.....	4	00	8 00
5. Chippewa County Tel. Co.....	Chippewa Falls..	5	00	7 50
6. Evansville Telephone Co.....	Evansville.....	1	1 00	2 00
7. Farmers' Tel. Exchange.....	Richland Center	18	16 64	23 12
8. Interurban Telephone Co.....	Sun Prairie.....	1	1 00	1 25
9. Jefferson County Tel. Co.....	Ft. Atkinson.....	1	1 25	1 75
*10. La Crosse Interurban Tel. Co.	Barre Mills.....	9	9 00	11 25
11. Mauston Electric Service Co..	Mauston.....	28	24 00	42 00
12. Mondovi Telephone Co.....	Mondovi.....	2	00	4 16
13. Monroe County Telephone Co..	Sparta.....	6	3 50	6 25
14. Pierce County Telephone Co..	Ellsworth.....	4	00	8 00
15. Pierce County Telephone Co..	River Falls.....	3	00	6 00
16. Portage Telephone Co.....	Portage.....	2	00	4 00
17. Reedsburg Telephone Co.....	Reedsburg.....	38	47 50	57 00
18. Rhinelander Mut. Tel. Co.....	Rhinelander.....	10	10 50	25 00
19. St. Croix Valley Tel. Co.....	St. Croix Falls..	2	1 00	4 00
20. Tomah Electric & Tel. Co.....	Tomah.....	8	5 00	12 00
21. Tri-State Tel. & Teleg. Co.....	Frederic.....	1	00	1 50
22. Tri-State Tel. & Teleg. Co.....	Grantsburg.....	5	4 00	8 00
23. Troy & Honey Creek Tel. Co..	Prairie du Sac..	9	9 40	11 25
24. Viroqua Telephone Co.....	Viroqua.....	14	15 25	23 00
25. Waushara Telephone Co.....	Poysippi.....	1	00	1 50
26. Western Wis. Telephone Co..	Independence....	1	00	1 04
27. Western Wis. Telephone Co..	Trempealeau....	1	00	1 04
Total.....	.....	196	\$158 54	\$312 61
Grand totals for "A" and "B".....	.....	3,366	4,104 28	6,701 14

*This company also gives free toll service to two patrons, the amounts of which can hardly be estimated.

Discriminations Reported.—Table II shows a summary of discriminatory rates charged by 32 telephone companies of classes "A" and "B," with the number of subscribers receiving favorable rates. This table also gives, on the right, the totals of the correct or schedule charges, and at the bottom the totals of the actual or discriminatory charges. The grand totals for the 32 companies included in this comparison show a difference of \$2,586.86 per month, or \$31,162.32 per year.

The reports submitted by the companies included in table II are further analyzed in table III, which shows the total number of telephones maintained at each exchange at rates other than provided for in the schedule. It also gives the total discriminatory charge per month and the corresponding schedule charge for each exchange.

The "B" companies, according to the figures given in table III, average about 7 discriminatory telephones to an exchange,

and the "A" companies average about 61 to an exchange, which is explained partly by the larger number of subscribers in exchanges operated by "A" companies.

Discrimination at Madison.—Among all the companies and exchanges, the situation at Madison is the most striking. The Dane County Telephone Company, up to September, operated 681 telephones at less than the regular rates; and the Wisconsin Telephone Company operated 676. In dollars and cents the former rendered practically \$359 worth of free service per month, equivalent to rebates to that amount, as against about \$760 for the latter. As a matter of comparison with the situation as a whole, the following summary is of interest:

TABLE IV.

Comparative discriminations in telephone charges

	Total phones.	Actual charge.	Correct charge.
79 exchanges	3,566	\$4,104 28	\$6,701 14
2 Madison exchanges	1,357	1,935 37	3,055 75
Free service per month, 79 exchanges.....			\$2,596 86
Free service per month, 2 Madison exchanges			1,120 38

It is thus seen that of the aggregate monthly discrimination of \$2,596.86 for the 79 exchanges included in tables II and III, \$1,120.38, or 43 per cent of the whole amount, was chargeable to the two Madison exchanges.

Discrimination in Other Cities.—An inspection of table III serves to show that other exchanges, as well, carried a relatively large list of favored subscribers. An accurate idea of this condition may be obtained by comparing the number of telephones at discriminatory rates with the total number of subscribers at the various exchanges as of Sept. 1, 1907. Such comparison shows an average for all the exchanges considered of about 8 discriminatory telephones to every 100 subscribers. The following table gives the proportions for those exchanges only, where the total of discriminatory telephones exceeds this average. The names of the companies and exchanges are omitted, but each figure represents one exchange.

TABLE V.

Telephone exchanges having more than average number of discriminations.

Discrimination to 100 subscribers.	Discrimination to 100 subscribers.	Discrimination to 100 subscribers.	Discrimination to 100 subscribers.
29.6	11.8	12.3	9.8
21.2	24.4	8.1	10.8
20.9	32.2	37.	13.5
31.	45.6	21.9	13.9
34.4	30.	74.8	12.5
56.6	24.2	42.6	
50.	9.4	35.9	

It is interesting to note, that of the exchanges operated by "A" companies 21, or 40 per cent of the total, exceed the general average, and by large margins; of the exchanges operated by the "B" companies, only 5, or 20 per cent, exceed the average, and these by slight margins, the highest being 13.9 per 100.

(It must be remembered that the situation detailed in the preceding pages existed about September, 1908. The order of the Commission, compelling the equalization of all rates, went into effect Sept. 12. This picture, therefore, does not adequately portray the situation as it existed prior to the passage of the Utilities Law, nor even as it existed when the Commission called its first conference in March. It is a fair presumption, that fully $\frac{1}{4}$ to $\frac{1}{3}$ of the discriminations had been abolished when the reports were made upon which these tabulations were based. It must be remembered further, that the tabulations are based upon the reports of only the "A" and "B" companies, 61 in number, whereas the total number of telephone companies in the state is approximately 569.)

Unexpired Contracts.—One of the most perplexing features developed by this investigation relates to the matter of unexpired and interminable contracts, such contracts having been made previous to April 1, 1907. The blanks sent out to the companies asked for a statement, whether the rate in effect was based upon a contract which was not terminable at the will of the company, and when that contract was to expire. This question left it entirely to the judgment of the company to decide whether they had the right to terminate certain contracts.

The Commission has held that any contract, providing for unjustly discriminatory rates, is voidable at the expiration of the first contract period. That is, a contract which is renewable

quarterly, should be abrogated at the first succeeding quarter and the beneficiary thereof placed upon the regular schedule charge. If a valid contract runs for a series of years, but is terminable at the option of either party at the end of one, or two, or more years, it must be abrogated at the first succeeding terminable period. Whenever the terms of contracts providing for discriminatory rates are of such a character that they can be set aside as null and void, as against public policy and in violation of law, this should be done. The Utilities Law contemplates equal rates to all. It makes no exceptions.

Table VI summarizes the returns on this point:

TABLE VI.

Telephone service contracts unexpired June 30, 1908, and not terminable at the will of the company.

Time of expiration.	Number of subscribers' stations.
1908—August.....	13
September.....	6
October.....	1
November.....	1
December.....	1
1909—January.....	1
February.....	1
April.....	2
June.....	2
September.....	1
1910—March.....	1
1911—February.....	1
1912—April.....	3
May.....	3
December.....	1
Uncertain.....	27
Total.....	65

This summary shows that in the opinion of the companies themselves, 65 telephones out of a total of 3,366 cases of discrimination reported, must be maintained at discriminatory rates. There are great doubts, for instance, whether some of these contracts, which provide for exclusive service by one of two competing companies, will stand the test of the courts, and in such case the above estimate of telephones, which must be maintained in spite of the order of the Commission, may be considerably reduced.

Conclusion.—In conclusion it should be stated that by informal correspondence and conference the amount of discrimination in rates was materially reduced before the Commission is-

sued its formal order and decision; that in the interval of three months, which elapsed between the issuance and the effectiveness of the Commission's order, the telephone companies themselves carried on the work of equalization of rates; that just prior to the time when the order was to take effect, about 3,300 telephones were still maintained at rates which were subject to equalization or immediate increase; and finally, since these figures are drawn from about one-tenth of the total number of telephone companies in the state, that there must have been an amazing number of such discriminations in charges for telephone service previous to the enactment of the Public Utilities Law.

DISCRIMINATIONS IN WATER RATES.

The water companies of the state did not report in any very certain and unmistakable manner. There was probably considerable misunderstanding on the part of superintendents of municipal water works as to what it was necessary for them to report to this Commission. The private corporations furnishing water, almost without exception, reported all the rates in effect which were out of harmony with their regular schedule, including rates which, under the franchise provisions, were accorded the municipality itself. Municipal plants, on the other hand, reported private consumers who received other than schedule rates, but in many instances undoubtedly failed to report not only what municipal institutions were receiving water at reduced rates, but also religious and educational institutions, though the latter were not owned by the city.

In all, 70 utilities furnishing water filed their statements in time for the report. Of the total 28 reported no discriminatory rates in effect, and 42 reported such rates; that is, 3 out of 5 reported discriminatory practices.

Private Consumers Receiving Special Rates.—In order to make possible a comparison of conditions in different localities, it will be necessary to differentiate between discrimination in favor of municipalities and those in favor of private consumers. The former are not clearly set forth in all the reports, as is evident from the incomplete nature of the data contained in table VII. As table VII itself indicates, the reports by water companies are, at best, incomplete and uncertain. All we can de-

duce is, that 10 private water companies, with a total of over 15,000 service connections, report 62 cases of discrimination in favor of private citizens, or 3 cases to 1,000 service connections; that 25 municipal plants, with a total of about 23,000 service connections, report 112 such cases, or 5 cases to 1,000 service connections. [For table VII see page 1156.] One discrimination, however, it must be clearly understood, may include more than one service connection. If reports of municipal plants, giving the number of charitable and educational institutions receiving special rates, can be secured, the ratio for municipal plants would undoubtedly rise perceptibly. Most of the private plants reported those cases fully, and indications are that the omissions were not as numerous on the part of private companies.

Water companies, just as is the case with telephone companies, have been carrying on the work of equalizing their rates for fully a year; what has been reported to the Commission, then, by the companies that did file their reports, is simply what has been left undone and is no indication of what existed before the Utilities Law was passed.

Illustrations of Discrimination.—In order to get a clearer view as to the manner in which discrimination has been practiced by this class of utilities, a few concrete illustrations will be given. These illustrations are cited because they are typical of conditions as they existed throughout the state before the passage of the law.

Municipality No. 1. In one city of over 15,000 inhabitants 9 consumers paid annually for water service about \$210.00. If they had been listed according to the published schedules, the total charge per year would have been about \$336, a discrimination, equivalent to a rebate, of \$125 in favor of the nine consumers, or about \$14 a year per consumer.

Municipality No. 2. In another city of about 4,000 inhabitants the water company served 17 consumers free of charge. In tabulated form, arranged according to the amount of the regular schedule rates which should have been charged, the summary of discriminatory charges in this community appears as follows:

TABLE VIII.

List of consumers receiving water free of charge.

Consumers.	Schedule rate per year.	Total schedule charge per year.
Nos. 1, 2 and 3.....	\$2 75	\$8 25
No. 4.....	3 00	3 00
No. 5.....	4 50	4 50
No. 6.....	5 00	5 00
Nos. 7 and 8.....	7 50	15 00
No. 9.....	8 00	8 00
Nos. 10 and 11.....	8 75	17 50
No. 12.....	16 25	16 25
Nos. 13 and 14.....	25 00	50 00
No. 15.....	28 00	28 00
No. 16.....	45 00	45 00
No. 17.....	66 80	66 80
		\$267 30

According to the foregoing tabulation 17 consumers receive annually \$267.30 worth of service free of charge, an average of \$16 per year per consumer.

DISCRIMINATION IN RATES BY UTILITIES FURNISHING GAS.

There are but 52 utilities on the Commission's list which furnish gas. A total of 31 such utilities reported, 20 stating they had no discriminatory rates in effect, and 11 reporting discriminatory rates of some kind. That is, only 1 out of 3 reports discriminatory practices.

No report has been received up to date from all gas companies showing their total number of consumers. It is therefore impossible to make a comparison of the number of consumers receiving special rates with the total number of consumers of each gas company. The only tabulation, which the available reports will permit, is a mere list of the number of consumers receiving special rates.

TABLE IX.

Number of consumers receiving from gas companies discriminatory rates.

	Number of consumers receiving special rates.
1	3
2	2—Employes
3	1—Employe.
4	?—Employes half rate.
5	4
6	5
7	5
8	?—\$1 rate to city.
9	3
10	2
11	8

Table IX shows that 11 companies granted special rates to about 40 consumers. On a rough estimate, the total number of gas consumers of these companies would approximate 13,000, on which basis it appears that about 3 out of 1,000 consumers of these companies are furnished service at other than schedule rates. Cities and employes seem to be the most numerous among the beneficiaries of gas companies.

DISCRIMINATION IN RATES FOR ELECTRIC SERVICE.

Of the 232 utilities furnishing electric current in this state, about one-half reported their discriminatory service in time for this report. Of the 117 that did report in time, over half were furnishing service at other than their regular schedule rates. Table X summarizes the number of electric plants and the proportion reporting:

TABLE X.

Summary of reports of electric companies as to discriminatory rates.

Total number of utilities furnishing electric current	232
Total number of electrical utilities reporting no discriminatory rates	50
Total number of such utilities reporting discriminatory service of some kind	(6)
Total number of such utilities failing to report in time for this tabulation	113
Total	232

Electric Companies Reporting Discriminations.—It is impossible to show the discrimination of electrical companies as a whole, for the reason that only one-half of the companies have reported, and for the further reason that many of the companies,

which made reports, failed to give sufficient information to indicate what the regular charge for different items should have been per month or per year. The only data available, conveying some idea of the extent to which discrimination existed, is the total number of consumers favored by each utility, and the total number of commercial lighting consumers on the books of each company. This information is tabulated in the following compilation:

[For table XI see page 1157.]

One or two items in this table are lacking, and the totals for this reason are not absolutely accurate. However, the utilities for which information is lacking are small, for the most part, and the omissions do not prejudice the result in any way.

From the foregoing it is seen that for the companies which reported discriminatory rates, about 3 out of every 100 consumers pay less than the schedule rate. The proportion is not so great as that for telephone companies, but it exceeds that for both water and gas utilities. It is impossible to so tabulate the reports of all these companies as to get the money value of discrimination of all electric companies reporting. We can, however, select certain of the reports and give them in detail, in order to show to what extent, within any given community, the rates charged for electric current lack uniformity. It must not be understood that the publication of these reports is for the purpose of exposure. The situations revealed in the following concrete illustrations are only typical of conditions existing in nearly every municipality in the state. Because a certain utility has more discriminations in effect than another, does not mean in itself that it is following a vicious practice or is using unlawful methods. Most of the discriminations cited are remnants of a former period of unrestricted competition; others are the outgrowth of circumstances over which the utilities themselves had no control.

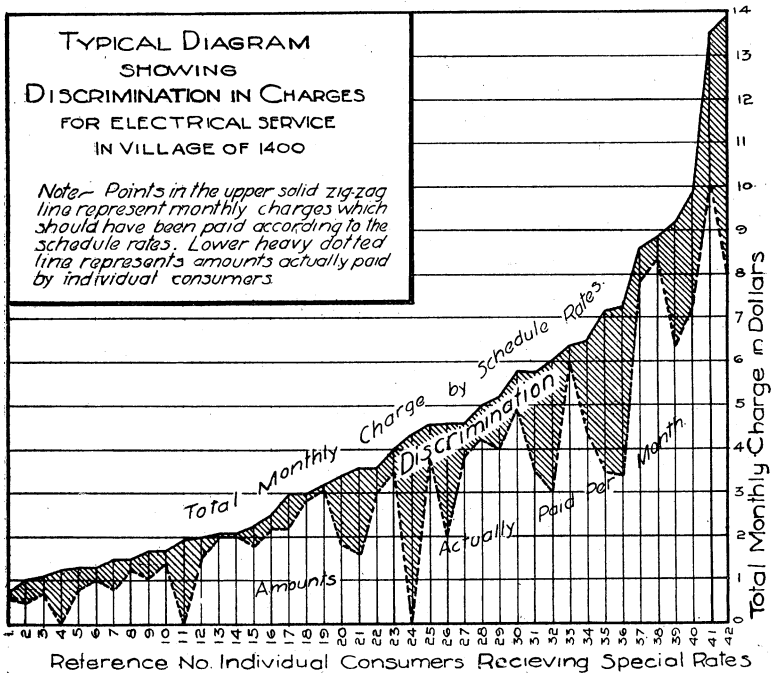
One electric company in a community of 8,000 has a total of 425 electric lighting consumers, and 43 of these are reported as receiving service at other than schedule rates; that is, about 10 out of every 100. Table XII presents a few of those favored consumers and indicates the extent to which charges for electric current varied in the community referred to:

TABLE XII.

Rates actually charged and schedule rates which should have been charged 10 consumers of electric current in the city of.....

CONSUMER.	Rate charged.	SCHEDULE RATES.	
		8cts. per kw.	12cts. per kw.
No. 1.....	8 cts. per kw.....		1
No. 2.....	10 cts. per kw.....		1
No. 3.....	80 cts. per month.....		1
No. 4.....	\$1 25 per month.....	1	
No. 5.....	2 50 " ".....		1
No. 6 and 7.....	3 00 " ".....	1	1
No. 8.....	4 50 " ".....		1
No. 9 and 10.....	5 00 " ".....	1	1

In another village, of 1,400 inhabitants, the electric company granted special rates to 42 out of a total of 99 consumers. The amounts which those 42 favored consumers actually paid, and the corresponding schedule charge for each one are diagrammed in Fig. 1.



By way of explaining the diagram, a concrete illustration may be taken. For example, consumer No. 36 was paying about \$3.40 per month. The extended line shows that he should have paid about \$7.20. The margin between the dotted and heavy lines represents the discrimination equivalent to a rebate, about \$3.80. The zig-zag character of the dotted line shows the lack of system in granting the rates represented in the diagram; and the shaded area lying between the dotted and heavy lines roughly represents the money value of the discrimination in favor of these 42 consumers.

Another utility, operating in a city of 9,000, exacted from one of its consumers \$50 a year for 40 lights, and furnished another consumer 50 lights in exchange for the "shavings from his mill."

The most striking illustration of discrimination due to former competitive conditions which can be cited, is that practiced by an electric company operating in a city of about 30,000. The money value of the discrimination at the present time is shown in table XIII, which gives the total number of cases of discrimination, the total amounts charged 121 consumers on the average per month, and the total amount which should have been charged according to the published schedules of the company:

TABLE XIII.

Showing the amount of discrimination and the number of cases of discrimination in a city of about 30,000.

Total number of consumers.....	2,390
Total cases of discrimination	127

	Total amount charged per month.	Total schedule charged per month.
121 cases of discrimination.....	\$2,365 96	\$4,261 35
8 cases of discrimination.....	206 64	159 34
113 cases.....	\$2,159 32	\$4,102 01

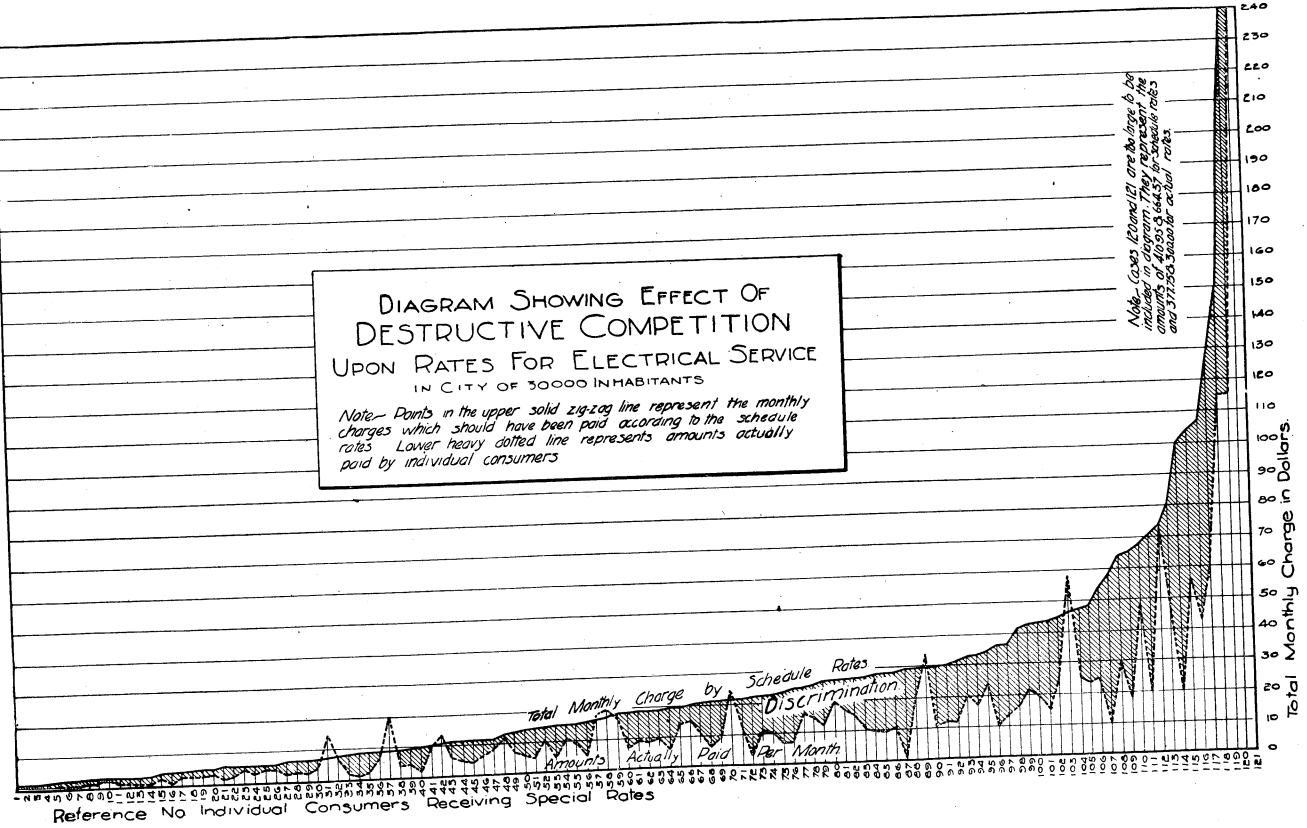
MONTHLY DIFFERENCE.

121 cases of discrimination (including 8 in which more than schedule charge was exacted).....	\$1,895 39
113 cases of discrimination (excluding 8 in which more than schedule charge was exacted)	1,942 69

It will be noted that in this city there were in reality 127 cases of discrimination, but in 6 cases the actual or schedule charges were not obtainable; hence those cases had to be rejected in the calculation shown in table XIII. In eight cases the consumers

**DIAGRAM SHOWING EFFECT OF
DESTRUCTIVE COMPETITION
UPON RATES FOR ELECTRICAL SERVICE
IN CITY OF 30000 INHABITANTS**

Note:— Points in the upper solid zig-zag line represent the monthly charges which should have been paid according to the schedule rates. Lower heavy dotted line represents amounts actually paid by individual consumers.



Reference No Individual Consumers Receiving Special Rates

were paying more than the schedule charge, which fact appears clearly in the diagram, Fig. 2, wherever the peaks protrude above the line representing schedule rates.

Practically all of the cases above cited will probably continue to exist for some time, owing to the fact that the special rates were contracted for prior to April 1, 1907, and must continue until the contracts expire, unless it be held that such contracts were void at common law when made.

In Fig. 2 are shown in graphic form the 121 cases above referred to. The basis of this diagram is similar to that of Fig. 1. Attention may be directed to the fact, that as the work of equalizing these discriminatory rates progresses, the lower line will continue to move upward, and when all discriminatory rates have been abolished, the two lines will coincide and the shaded area, which roughly represents discrimination, will entirely disappear.

CONCLUSION.

Summary of all Utilities Reporting Discriminatory Charges.

The following summary of the entire situation affords some, though not a very accurate basis for comparison between the different classes of utilities:

TABLE XIV.

Final summary of number of utilities reporting.

	No discrimi- nation.	Discrimination.	Per cent of utilities reporting discrimination.
Telephone.....	29	32	52.5%
Water.....	28	42	60.0
Gas.....	20	11	35.5
Electric.....	50	69	57.9
Average.....			54.8%

In the foregoing table XIV 60 per cent of the water companies reporting had discriminatory rates in effect. The next highest rates are for electric companies, namely, 57.9 per cent. Telephone companies reported somewhat earlier than other utilities, and the statistics for other utilities show the situation late in October and up to about the middle of November. In general, it might be expected that the percentages for other

utilities than telephone companies would be lower on account of the additional time allowed them for equalizing discriminatory rates.

There are two facts which can not be emphasized too strongly or too often. In the first place, conditions, as they appear on the foregoing pages, are conditions after the Utilities Law had been in operation over a year. The foregoing facts represent merely the residue of an accumulation made during a period of unrestricted competition, and on the dissipation of which a year's time and effort had already been expended. Some idea of what progress had already been made in eliminating discriminatory rates in the course of the year, can be gained by comparing the reports made at this time with statements submitted at a subsequent occasion, incidental to some formal matter before the Commission. For instance, a certain electric company reports but 15 consumers enjoying special rates for electric current on Oct. 1, 1908. In January, 1908, the same company applied for authority to equalize rates and submitted an exhibit showing the discriminatory rates which were then in force. Table XV presents the complex situation which prevailed at that time as clearly as a confusing tangle of special rates can be presented:

TABLE XV.

Flat rate customers Menominee & Marinette Light & Traction Co.

Rate per month.	Number of 16 c. p. lamps used.																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	19	21	23	27	79	94	
\$0.25.....	1																							
.50.....	5	1	1	1																				
.75.....	2																							
1.00.....		7	4	9	5	2		1	1															
1.50.....			4	1	2																			
1.60.....				2																				
2.00.....		1		2			1	1																
2.25.....					2																			
2.40.....						1																		
2.50.....			1	1	2																			
3.00.....			1					1																
3.50.....					1			1																
3.60.....						1																		
3.75.....							1	1																
4.00.....								1					1											
4.50.....						3				2											1			
5.00.....										2						1								
5.25.....								1																
5.50.....								1																
6.00.....									1															
6.30.....										1														
6.45.....															1									
6.50.....											1	1			1									
7.00.....												1		1										
7.20.....												1												
7.50.....											1	1												
8.00.....											1				1	1								
8.50.....																								
9.00.....																								
10.00.....											1	1										1		
12.00.....																	2	1		1				
12.50.....																						1		1

In the rough, table XV includes every variety of consumer, insofar as the character of his business is concerned. The figures which are shown in bold-face type represent saloons only. Mere inspection of the table indicates, that the irregularity and haphazard nature of charges generally, prevails also when one certain class of consumers is considered by itself.

In the second place, the tabulations do not contain the reports of all utilities in the state. Only 61 out of 569 telephone companies were asked to report. Of the utilities furnishing water 70 out of 141 reported; 31 out of 52 gas companies reported, and 119 out of 232 electric companies, making a total of 281 utilities out of 994 in the state which filed the statement showing discriminatory rates. This discussion constitutes but an index to the situation in the state as a whole.

We have seen that one utility reduced the number of discriminatory rates from approximately 100 to 15 during the time that elapsed between the filing of its application to equalize and the filing of the statement asked for in October. Other utilities have done the same, and it is only a matter of conjecture as to how extensive the eliminations are that were made before the Commission asked for the statements of discriminatory rates still in effect, and we have just seen that the statements of only a small portion of the utilities in the state have been tabulated. In short, these tabulations are but an index to the situation in the state as a whole, and the situation in the state, as a whole, to-day is only a remnant of what actually existed when the Utilities Law was passed.

No provision of any law has ever struck more directly at evils in utility enterprises than this, nor has anything ever been done in the regulation of quasi-public business in this state which more fundamentally effects the moral sense of the citizens of Wisconsin. In this respect the Utilities Law has brought about a quiet revolution, just as it is effecting a revolution in the business methods of many of the plants.

The discriminations which have been briefly described above have passed into history. A few remain, and these are complicated with more or less serious legal questions. The courts may be trusted to dispose of them fairly when the issues shall have been presented. Ample time and opportunity has been given to the respective managements to put their houses in order, and the Commission shall proceed promptly

against any management which may hereafter be found delinquent in its obedience to the law. We know of no such, and we hope there are none.

APPLICATIONS FOR CERTIFICATES OF CONVENIENCE AND NECESSITY.

Sections 1797—39 to 1797—60 of the Laws of 1907 provide that "No railroad corporation hereafter organized shall exercise the powers conferred upon it by the laws of Wisconsin, nor begin the construction of any proposed line of railroad in this state, until it shall have obtained from the railroad commission of Wisconsin, a certificate that public convenience and necessity require the construction of said railroad as proposed in the articles of association of said railroad company, and such certificate shall constitute the license of this state to the company to build its said railroad."

Under the above law, from the date of its enactment until June 30, 1908, there were fourteen applications of this nature filed, and some of them proved to be the most warmly contested matters ever considered by the Commission. The Eastern Railway Company of Minnesota, the Minneapolis, St. Paul & Sault Ste. Marie, and the Interstate Transfer Railway Company applied for authority to construct their lines within the city limits of Superior. All were objected to with great vigor by the other railroads in that city. The Commission has granted the certificates in the applications of the Wisconsin & Northern Minnesota Railway Company, the Minneapolis, St. Paul & Sault Ste. Marie Railway Company, and the Eastern Railway Company of Minnesota.

The application of the Milwaukee and Fox River Valley Railway Company was also opposed by other railways, and continued hearings were held, both at Madison and along the line of the proposed road. It is still undisposed of. These matters are considered at length in another portion of this report.

APPLICATIONS FOR AUTHORITY TO ISSUE STOCKS AND BONDS.

Chapter 576, Laws of 1907, defines the term public service corporation to mean and embrace every railroad, street railway, telegraph, express, freight line, sleeping car, light, heat,

water and power corporation, and all other corporations engaged in the business of supplying the public directly or indirectly with light, heat, power or water, or in transmitting telegraph messages, in transporting passengers, freight or express, and provides that no public service corporation shall hereafter issue any stocks, stock certificates, bonds, or any other evidences of indebtedness, payable in more than one year from date, until it shall have first obtained authority for such issue from this Commission. From the date of the enactment of the law to June 30, 1908, there were 40 such applications. The practice of the Commission has been in these applications to call upon the companies for such data as it believed to be necessary, before the certificates were approved. In the application of the Minneapolis, St. Paul and Sault Ste. Marie Railway Company for authority to issue stock, the Commission refused to grant the necessary certificate, because the applicant company had not filed the amendment to its articles of organization, increasing its stock, with the secretary of state, as required by the Wisconsin law. It was presumed that its reason for not filing its amendment was, because the Wisconsin laws provide for a filing fee of \$1.00 a thousand for such increase. As the amendment provided for an increase of capital stock of \$21,000,000, the filing fee was \$21,000, and this not having been paid, the Commission refused to authorize the issue of the stock, whereupon *mandamus* proceedings were begun. The matter having gone to the supreme court, that tribunal, on Sept. 29, handed down a decision sustaining the Commission and giving a broad construction to the law in question.

In another portion of this report will be found a summary of the applications under this law, and the action taken thereon.

WISCONSIN VALLEY IMPROVEMENT COMPANY.

Under the provisions of ch. 335, Laws of 1907, the Wisconsin Valley Improvement Company is authorized to construct, acquire and maintain a system of water reservoirs located in or along the Wisconsin river, north of the south line of township 34 north, and to construct, acquire, and maintain the necessary dams, booms, sluiceways, locks and other structures

in and across said river and its tributaries. The purpose of the law is to give this company power to maintain the said improvements, in order to furnish a uniform flowage of water to be used by the water powers developed along said stream, and to improve the navigation of the same. The law provides that the company may collect tolls from the owners of water powers benefited in an amount that will cover the reasonable cost of operation and pay 6 per cent on the investment. Such tolls are determined semi-annually by the Commission on or about the first of January and July. The company files with the Commission itemized statements of all receipts and expenditures, and itemized data as to its operation. In the month of January, 1908, the Commission fixed the tolls to be paid by the owners or lessees of the water powers benefited for the six months period ending June 30, 1908. See No. 44 Formal Complaints and Valuation Cases Involving Public Utilities.

RAILWAY MILEAGE IN WISCONSIN.

During the past year there were no striking changes either in railway mileage or in railway ownership in the state. On another page will be found a comparative statement of the railway mileage operated in Wisconsin on June 30, 1907, and June 30, 1908. In the period there was a slight increase, amounting to 62.53 miles. The Chicago, Milwaukee & St. Paul Railway Company has taken over the Wisconsin & Western Railway, amounting to 51.35 miles. The Tomahawk & Eastern leased from the Marinette, Tomahawk & Western 20.77 miles of its line. The Hawthorne, Nebagamon & Superior abandoned the operation of its line and has taken up its rails. It was a small logging road with 7.35 miles of track.

ACCIDENTS.

Railway.—The Railroad Commission Law requires all companies operating in the state of Wisconsin to report immediately to this Commission all accidents resulting in loss of human life. The requirements of the statute have been substantially observed by the railways.

During the past year a number of serious accidents unat-

tended by loss of human life have occurred, but which, had conditions been different, might have resulted in many fatalities. In order that the Commission might be informed concerning these accidents, instructions have been issued to all companies doing business in Wisconsin, to report by telegraph, at once, any accidents which might have resulted in loss of life. These instructions the companies are observing. The early knowledge of these accidents has made it possible for the Commission to have investigations made upon the ground where the accidents have occurred, before the wreckage has been cleared away. Illustrations of this are train wrecks, which, however, occurred since June 30, 1908, one of them the wreck of a passenger train on the Chicago, Milwaukee & St. Paul Railway near Sun Prairie; another the serious derailment of the "Duluth-Superior Flyer" on the Chicago, St. Paul, Minneapolis & Omaha Railway near Augusta; and a third a draw-bridge accident on the Chicago & North Western Railway near Green Bay.

The Commission also requires the railway companies to make monthly reports of all accidents occurring along their respective lines within the state. A summary of these monthly reports can be found upon another page of this volume.

The steam railroads and the electric street and interurban railways together reported 240 persons killed, and 2743 injured by them in this state during the year ending June 30, 1908. Of these the steam roads were responsible for 207 killed, and 1867 injured; the electric railways for 33 killed, and 876 injured.

The steam roads killed 4 passengers, and injured 151 more; the electric railways killed 5, and injured 759. Forty-eight employes were killed by the steam railroads and 5 by electric railroads; while 1,486 and 40, respectively, were injured. Crossings account for 34 of the deaths reported by the steam roads, and 76 of the injuries; the electric lines reported 5 injured in this manner. Seventy-three trespassers on right of way, and 15 trespassers on trains were killed by the steam roads, and one of each class by the electric roads; the injured of this class numbered 45 and 39, respectively.

Struck by train was the most common cause of death reported. The railroads killed 155 in this manner, and injured 200 more; the electric railroads killed 23, and injured 65. The

steam roads report 17 deaths by falling from trains, and 176 injured; the electric railways 56 injured. Jumping on and off trains resulted in 11 deaths on the steam, 6 on the electric railroads; and 174 and 448 injuries. Coupling and uncoupling cost 6 lives and 120 injuries. Collisions caused 5 deaths and 72 injuries on the railroads, and 120 injuries on the electric railways. One death and 12 injuries were caused by overhead obstructions.

Utilities.—The Public Utilities Law contains a provision regarding accidents, similar to the Railroad Commission Law, in that it requires every utility to report immediately to the Commission every accident attended with loss of human life occurring in the state, upon its premises, or directly or indirectly arising from or connected with its maintenance or operation.

Some of the companies have observed the provisions of the law and have given full, satisfactory and prompt reports of such fatalities, but it is probable that other companies have failed to report such accidents, probably from a lack of understanding of the requirements.

The reports received are probably incomplete, so no figures of this nature are given, but future reports will contain summaries of the data received from the companies.

As far as practicable reports will be called for on all accidents, whether attended by fatalities or not, and such as require investigation will receive it.

THE COMMISSION AND THE COURTS.

Out of the total of 393 formal decisions under the Railroad Commission Law, 3 have been appealed. Two of these are now pending in the circuit court, and a third was decided by the supreme court on June 5, 1908. This decision, the syllabus of which is given elsewhere in this report, discusses the order of the Commission under review; it analyzes and interprets the salient provisions of the statute creating the Commission; it meets in the broadest and most progressive manner the arguments relating to constitutional limitations and the allegations regarding the exercise of legislative power by the Commission; it brings into clear perspective the rights of the

companies, as well as the rights of the public; and in substance it declares that, even though on the given facts the court might decide a case differently from what the Commission does, if no errors of law have been committed, and the question is one regarding which reasonable and competent men might differ, the court will not set aside the order of the Commission.

There have been over 100 formal decisions relating to utilities, but no appeals have been taken thus far.

One appeal has been taken from a decision under the Public Convenience and Necessities Law, which is pending; and one from a decision under the Stock and Bond Law. This latter case has been decided by the supreme court in a manner greatly to strengthen and define the law. The closing paragraph of the syllabus, prepared by JUSTICE MARSHALL and included in the published decision, reads as follows:

“The railroad commission of this state has authority under section 1753—3 of the Statutes (Laws 1907, pp. 411, 412, ch. 576), to pass upon the competency of a railroad corporation to increase its capital stock and to refuse permission in that regard in case the articles of incorporation shall not have been so broadened as to cover the subject by a valid amendment which requires public record of the change to be made in the office of the Secretary of State and compliance with the conditions precedent thereto in respect to the payment of fees.”

UNDUE EXPECTATIONS WHERE COMMISSION IS WITHOUT JURISDICTION.

A great many matters are brought to the attention of the Commission over which it has no jurisdiction. In practically all of these cases the Commission volunteers to act as intermediary between the parties in interest, in the hope of effecting a settlement satisfactory to the respective parties. In a number of cases, it appears, this has aroused undue expectations on the part of the correspondents, and, forgetting that the Commission has no jurisdiction and that it can only suggest and recommend, they have interpreted the failure of the Commission to bring about the exact results which they had desired, as equivalent to a lack of efficiency and attention to duty. In several cases of this kind the record in this office

shows voluminous correspondence relating to purely interstate matters, and other matters over which only courts have jurisdiction, but which, in spite of the voluminous correspondence, and frequently special investigations of the Commission, have failed to satisfy correspondents that the utmost within the power of the Commission has been done in their behalf. This feature of the office work of the Commission is referred to here only in the hope that the attention of the public will be called to it and that in the future correspondents who have matters of this kind will be more careful to remember that the Railroad Commission Law and the Public Utilities Law and other laws which the Railroad Commission administers, are as binding upon the Commission as they are upon the companies and the general public, and that the Commission can not take compulsory action in matters over which it has no jurisdiction.

OUTLAY BY THE COMMISSION.

The Commission is operating under two separate laws, chapter 362 of the Laws of 1905, known as the Railroad Commission Law, and chapter 499 of the Laws of 1907, known as the Public Utilities Law. Under the former there is no limitation on the amount the Commission may expend in its administration, but under the latter the amount is limited to the sum of \$52,000.

In addition to these statutes other laws have been enacted, charging upon the Commission other duties which require the expenditure of considerable sums on account of the statistical and engineering difficulties of the work.

The large item of cost, both under the Railroad Law and the Utilities Law, is the expense of the engineering department. On another page will be found a table showing the exact separation of the engineering expense incurred under each of the laws. The figures reported to the secretary of state, and included in his report, are as follows: Amount expended under the Railroad Commission Law amounts to \$48,169.77, the amount expended under the Public Utilities Law amounts to \$17,513.74, total, \$65,683.51.

SUGGESTIONS FOR LEGISLATION.

PUBLIC UTILITIES LAW.

The administration of the Public Utilities Law has revealed no weaknesses in its essential provisions. In several instances the Commission has been obliged to place a somewhat liberal interpretation upon it, in order to make the law fit the concrete situations which were presented. It will be assumed, however, that the interpretation thus placed upon the law is in harmony with its spirit and the intention of the legislature, unless the legislature directs otherwise. The only amendment to the Public Utilities Law, which may be suggested, is one extending the period of time during which public utility companies, organized before the enactment of the law, can surrender their franchises and secure in lieu thereof indeterminate permits. The Utilities Law limited the time, during which a franchise could be surrendered, to the first of July, 1908. Since this date a number of companies have inquired of the Commission as to the manner in which they could now surrender their franchises. In our judgment it is desirable that utilities, still operating under franchises granted before the enactment of the law, should have an opportunity to surrender the same at any time in the future.

Possibly it is in the interest of the public to go a step further and, under the reserve power of the Constitution, by statute repeal all franchises still in existence and grant in lieu thereof indeterminate permits. The second suggestion is obviously a much larger proposition, but we are inclined to believe that it merits careful consideration.

CROSSINGS.

A considerable number of complaints and controversies relating to crossings, involving a variety of questions and interests, has come before the Commission. In every instance the Commission has endeavored to use its good offices in the capacity of an intermediary, with a view of bringing about a satisfactory issue, even though it possessed no authority under the statute. Our experience and observation indicates,

that it would be desirable to place all crossings—steam railroads with one another, steam and electric railroads, steam and electric and highways—under the jurisdiction of the Commission. It would then be possible to proceed along some uniform and consistent way in reaching a solution of the numerous difficulties existing in connection with crossings in this state.

REBATES.

Under the Public Utilities Law it is a punishable offense knowingly to ask for a rebate or other special favors. Under the Railroad Commission Law this is not the fact. Recently a shipper called the attention of the Commission to an alleged discrimination in favor of a competitor by means of underweighing. The report of the special agent, who was sent to the locality by the Commission, shows that the rival shipper in question had knowingly and deliberately attempted to secure special favors from the railroad, but was unsuccessful in his attempt. Other instances involving the same principle have been brought to the attention of the Commission from time to time. We believe it in the interest of fairness and good public policy to make such acts punishable under the statute.

DUTIES OF THE SECRETARY.

As the law now stands, the Railroad Commission must certify all orders, notices and other official documents. This means that each member of the Commission must personally sign every notice of investigation and hearing, every certified copy of a decision or other official documents. We believe it in the interest of economy to change the law so as to authorize the secretary of the Commission to perform these duties, and thus save the time of the Commission for more important work.

CERTIFICATES OF CONVENIENCE AND NECESSITY.

The Public Convenience and Necessity Law could to advantage be modified, so as to permit the Commission to con-

sider the financial ability of the applicants in passing upon the application for such certificate, as some doubt exists at present of the right of the Commission to inquire into such matter. The law might be further amended to authorize the Commission to permit modifications of the certificate of public convenience and necessity at any time subsequent to its first issuance.

INDUSTRY TRACKS.

The Spur Track Law, chapter 352, Laws of 1907, might be amended so as not to require a previous construction of a part of the entire industrial plant with which connection is to be made by the proposed spur track. The very fact that the applicant must bear the entire expense of the construction of the track is in most, if not in all, instances sufficient guarantee of the good faith with which he acts. As the law now stands, a man may invest any number of thousands of dollars in a plant, confidently believing that the facts will justify the Railroad Commission in ordering the railroad company to build a spur track to such plant. After investigation and hearing however, it may transpire that the Commission cannot lawfully make such an order. The injustice of the situation is apparent. Another feature of this law relates to the limited scope of the inquiry of the Commission with reference to facts that can be lawfully considered in arriving at a decision. Certain things are specified in the law which must be considered and all other considerations, no matter how important from a public and private point of view, must be excluded. This feature of the law was discussed in the opinion and order of this Commission in the case of the *Jefferson Ice Company vs. C. & N. W. Railway Company*, to which reference may here be made.

REFUNDS.

The so-called Rebate or Refund Law apparently applies only to charges for the transportation of freight, and not to charges for services in connection therewith. A considerable number of instances have been brought to the attention of the Commission where it would have been an undoubted advan-

tage for it to be able to act in the case of demurrage charges. We believe these charges should be brought under the jurisdiction of the Commission in this respect. Perhaps it may be well to make the law apply not only to charges for transportation of freight, but to all charges for services in connection therewith. It is also worthy of consideration whether the jurisdiction of the Commission under this act should not be limited to claims for refund involving a certain minimum amount. The majority of claims, which have hitherto been passed upon by the Commission, could have been avoided if the shipper had previously examined the rates, as it is his duty to do.

STOCK AND BOND LAW.

The Stock and Bond Law has been given more definiteness and vitality through a decision of the supreme court of Wisconsin in the case of *M. St. P. & S. S. M. Ry. vs. R. R. Commission of Wisconsin*. This decision probably obviates the necessity of amending the law in those respects in which its original purposes and intent were not clear. We think, however, that it should be amended so as to include telephone companies. The securities of telephone companies can be issued with the same degree of carelessness and consequent injury to the public as the securities of other public utilities have been issued in the past. There is nothing in the nature of the telephone business which makes it different from the other utilities in this respect, and we therefore recommend that no telephone companies be allowed hereafter to issue securities without a certificate from this Commission.

TELEPHONES IN STATIONS.

Chapter 614, Laws of 1907, which relates to the installation of telephones in railway stations, is capable of abuse under its present construction. Any person, be he a citizen of Wisconsin or of some other state or foreign country, whether he is interested in that particular station or telephone or in other people residing in that community or not, can formally set into operation the official machinery which will result in the installation of a telephone, irrespective of the merits of the

proposition. This is an injustice which we do not believe the legislature intended, and we respectfully suggest that the wording of this law be reconsidered. Some of these features of the law were discussed in the opinion and order of the Commission in the case of the *Peoples Telephone Company vs. Eastern Ry. Co. of Minnesota and Great Northern Ry. Co.*

ADVANCES IN RAILWAY RATES.

From time to time changes have been made in the freight classifications and the rules and regulations governing classifications and rates, which directly or indirectly result in an advance in the rates charged to the shipper. Since under the Railway Law the companies establish rates and classifications in the first instance, the Commission cannot assume jurisdiction and hear complaints before such modified rules, regulations or classifications affecting an advance in rates have actually gone into effect. The suggestion of requiring application on the part of railway companies to the public administrative body before a proposed advance in rates can take effect, has been considered by the interstate commerce commission as well as by some of the state commissions. The merits of such a plan deserve careful consideration. It is clearly complicated with grave objections. We have serious doubts regarding its feasibility or practicability. It is possible that an increase in the length of time from ten to thirty days, before a proposed advance in rates or a change in classifications, rules and regulations resulting in an advance in rates can take effect, may meet the situation fairly well. At the present time every change in rates requires ten days' notice, unless authorized otherwise. This appears to be ample notice for reduction, but it is probable that thirty days' notice for advances in rates is not too long, unless a shorter time is expressly authorized by the Commission

PART II.

Formal Complaints Involving Common Carriers.

No. 171.

JOHN BIRKETT

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Sept. 10, 1907. Decided Oct. 14, 1908.

Petitioner in his own behalf.

S. A. Lynde for respondent.

Complaint against the Chicago & North Western Railway Co. alleging lack of passenger service at Hazel Green.

Held: That the train service at Hazel Green at the time the complaint was filed was inadequate and that in the future the respondent company operate its switch train with passenger coach, providing full passenger service between Kennedy Mine Switch and Hazel Green, on regular schedule, making two round trips daily, except Sunday, connecting with through trains on respondent's main line.

No. 172.

DAVIS BROTHERS STONE CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner deals in crushed stone at Lannon, and on July 5, 1907, filed a complaint alleging that the increase in rates on crushed stone, from Lannon to Milwaukee and other points taking Milwaukee rates, from 1½ cts. to 2 cts. per cwt., rendered its business unprofitable. The usual notice of investigation issued and the case was set for Sept. 10, 1907.

Prior to the date of hearing the complaint was withdrawn without explanation.

No. 173.

TWO RIVERS WOODEN WARE CO.

vs.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.,
CHICAGO & NORTH WESTERN RY. CO.

The petitioner is engaged in the manufacture of wooden ware at Two Rivers, and on July 3, 1907, filed a complaint alleging that the rates on logs from Cavour to Two Rivers were excessive and discriminatory in comparison with rates in force for equal distances on the lines of the respondents. The case was set for hearing for Sept. 10, 1907. On Sept. 5 the complaint was withdrawn, the petitioner stating that the matter had been arranged to its satisfaction.

No. 174.

OCONTO BUSINESS MEN'S ASS'N

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is an association organized to promote the business interests of the city of Oconto. On July 8, 1907, through its officers, the petitioner filed a complaint alleging that the respondent refused to allow the cars of the Chicago, Milwaukee & St. Paul Ry. Co. to be placed on its switch tracks, thereby putting the business interests of the city to the expense of paying drayage to the amount of several thousand dollars per year. The prayer was, that switching arrangements be ordered, whereby the respondent would switch cars from a common track to its switching track for a switching charge of two dollars. After a hearing on Sept. 10, 1907, the parties in interest entered into a reciprocal switching arrangement, whereby cars would be switched to individual switch tracks on payment of a switching fee of two dollars, being the usual switching arrangement in force in other cities in the state, the case being thus settled to the satisfaction of the petitioner.

No. 175.

JOHN WINKLER

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

The petitioner operates a creamery at Merton, Waukesha county, Wis., and on July 12, 1907, filed a complaint alleging excessive rates on cream from North Lake to Merton. A hearing was held on Sept. 10, 1907. Subsequent to such hearing, the Commission entered into an investigation, on its own motion, of the rates on milk and cream on various railroads of the state. This case was taken up and disposed of in connection with such investigation. See No. 211.

No. 176.

TOGSTAD & SON

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

The petitioners are manufacturers and dealers in cement blocks at Madison and use large quantities of sand and gravel, and on July 15, 1907, filed a complaint alleging excessive, unreasonable and discriminatory rates on sand and gravel between Janesville and Madison. By way of answer the respondent agreed to put into effect a lower rate, which was satisfactory to the petitioners and the complaint was withdrawn.

No. 177.

NORTHERN HARDWOOD LUMBER Co.

vs.

NORTHERN PACIFIC RY. Co.

Submitted Sept. 13, 1907. Decided Sept. 24, 1907.

George B. Hudnall for petitioner.
Louis Hanitch for respondent.

Complaint against Northern Pacific Ry. Co. for its refusal to construct and connect with a spur track at a point on its line between Wiehe and Maple.

Held: That the testimony in this case reveals a lack of proper co-operation between the traffic and operating depart-

ments of railway companies, which should be remedied; that the spur track in question is practically indispensable to the successful operation of the mill of the petitioner; that the point at which connection is desired to be made is not unusually unsafe and dangerous; and that therefore the respondent railway company should construct the said spur.

No. 178.

A. RICE

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is a dealer in junk at Lake Mills, and on July 17, 1907, filed a complaint with the Commission alleging excessive and discriminatory rates on junk from Lake Mills to Milwaukee; that the respondent does not maintain sufficient side track facilities at its Lake Mills station; that switching is carried on on the side tracks to such an extent as to retard the loading and unloading of cars and so compels the payment of demurrage charges under the rules of the Wisconsin Car Service Association. The petitioner did not appear at the hearing on Sept. 10, 1907, and no further communication was received from him.

No. 179.

INDEPENDENT ICE CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner has its principal office at Milwaukee and its ice house at Clear Lake, near the station of Random Lake. On July 25, 1907, it filed a complaint alleging that in the month of July, 1906, it entered into a contract with the respondent for the construction of a side track from the respondent's line to the ice house of the petitioner, a distance of four hundred feet; that under the terms of such contract the petitioner performed certain work; that the respondent refused to fulfill said contract; that such sidetrack was indispensable to the successful operation of the ice house, and its construction did not present any unusual engineering difficulties. The answer of the respondent denied the making of such contract and alleged that the side track could not be constructed without causing danger to the operation of trains. The hearing was held on Sept. 11, 1907, Otto Sauer appearing for the petitioner,

and William Ellis for the respondent. Considerable testimony was taken. Later in the month the chief engineer of the Commission made an examination of the location of the proposed spur track and reported that the construction of same would be contrary to good practice, would be dangerous in operation and increase, to a considerable extent, the danger of operating trains on the main line. Owing to the death of Mr. Sauer, the petitioner requested that the case be indefinitely postponed.

No. 180.

G. H. RUMRILL

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is a dealer in leaf tobacco, resides at Janesville and has a warehouse at Evansville. On July 27, 1907, he filed a complaint alleging that the respondent refused to check his trunk of tobacco samples between Evansville and Janesville, on the ground that such samples do not constitute baggage, but merchandise, and the complaint alleged that such refusal amounted to a discrimination against the petitioner. At the hearing on Sept. 10, 1907, the petitioner was represented by M. O. Mouat and the respondent by S. A. Lynde. The hearing was continued to the October term, pending negotiations for settlement, and the case was settled by the respondent agreeing to check such sample trunk as baggage.

No. 181.

PAUL F. HUNTER

vs.

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

The petitioner, a resident of Appleton, filed a complaint on Aug. 2, 1907, against the above named respondent, alleging that the respondent operates a local street railway system in the city of Appleton and an interurban railway from Neenah via Menasha, Brighton Beach and Waverly Beach to Appleton, and thence via Little Chute to Kaukauna; that the rates charged from points within the city of Appleton to Waverly Beach and Brighton Beach are unreasonable, exorbitant and

discriminatory. The case was set for hearing for Sept. 10, 1907. The hearing was continued from time to time by stipulation of the parties, and on June 23, 1908, a stipulation was filed withdrawing the petition.

No. 182.

J. H. DELBRIDGE

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted Sept. 11, 1907. Decided Sept. 20, 1907.

Petitioner in his own behalf.
William Ellis for respondent.

Complaint against Chicago, Milwaukee & St. Paul Ry. Co. for failure to stop its passenger train No. 2 at Stiles, Wis.

Held: That it would not be in the interest of the traveling public to compel the stopping of this train at Stiles. Complaint dismissed.

No. 183.

A. E. WINTER, MITCHELL JOANNES AND F. A. HOLMAN, COMMITTEE,

vs.

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The above named petitioners, as representatives of the jobbers and manufacturers of Green Bay, filed a complaint on Aug. 8, 1907, alleging that the freight rates charged by the respondents from Green Bay to Manitowoc, Two Rivers and Plymouth were excessive and discriminatory, as compared with the rates in effect from Milwaukee to the same points. The hearing was set for Sept. 10, 1907, and was continued from time to time at the request of the interested parties. On Oct. 10, 1907, the Commission was notified by the petitioners that the rates complained of had been adjusted to their satisfaction, and therefore their complaint would be withdrawn.

No. 184.

A. E. WINTER, MITCHELL JOANNES AND F. A. HOLMAN, COM-
MITTEE,

vs.

KEWAUNEE, GREEN BAY & WESTERN R. R. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO & NORTH WESTERN RY. Co.

The above named petitioners, as representatives of the jobbers and manufacturers of Green Bay, filed a petition on Sept. 23, 1907, alleging that the city of Green Bay is a port of entry and is entered by the lines of the above named respondents; that the jobbers and manufacturers of said city receive large amounts of freight from eastern trunk line territory; that the 100 per cent freight rate basis from said territory applies to various points along Lake Michigan from Chicago, Ill., to Manistique, Mich., and various points within the state, and does not apply to the city of Green Bay; that said basis applied to said city from Oct. 21, 1897, to April 1, 1902; that, by reason of the withdrawal of said 100 per cent basis, the petitioners are obliged to pay additional freight rates, the payment of which is unreasonable and unjustly discriminatory. The prayer is, that the city of Green Bay be again included in the 100 per cent territory. As interstate rates were involved, over which this Commission has no jurisdiction, it was suggested to the petitioners that the case be presented directly to the interstate commerce commission, and that this Commission would render the petitioners all assistance possible. This was done and the case is pending.

No. 185.

FRED C. LIENEMANN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

Submitted Sept. 24, 1907. Decided Nov. 9, 1907.

Otto Dorner for petitioner.

William Ellis for respondent.

Complaint alleging inadequate station facilities at Okauchee station on the Chicago, Milwaukee & St. Paul Ry.

Held: That the present station facilities at Okauchee are in
7—R. R.

adequate, and that the respondent railway company shall provide a reasonably adequate station at that place and open the same for public traffic not later than July 1, 1908.

No. 186.

JOHN B. GRUBER & Co.

vs.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. Co.

The petitioners, dealers in general merchandise at Catawba, Wis., filed a complaint with the Commission on Aug. 8, 1907, alleging that the respondent discriminated against the village of Catawba by omitting the name of such village from certain maps and time tables, and that such omission worked an injury to the business interests of the village. The hearing was held on Sept. 10, 1907. The petitioner appeared in his own behalf, and A. H. Bright appeared for the respondent. At the hearing the attorney for the respondent agreed to see that the name of the village was placed on the maps and time tables in question, such maps and time cards being condensed time cards, relating to through transportation and showing connections with other railroads. The general passenger department of the respondent did not deem it feasible to include small stations in such time cards and adopted the rule of excluding from such time cards the names of all stations at which the limited trains do not stop, thus doing away with the discrimination alleged in the complaint.

No. 187.

WILLIAM H. PRISK

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

ILLINOIS CENTRAL R. R. Co.

The petitioner, as chairman of the town of Mount Pleasant, Green county, Wisconsin, filed a complaint on Aug. 2, 1907, that a grade highway crossing of the lines of the above named respondents, near the village of Monticello in said town, known as the Woolen Mills Crossing, is unsafe and dangerous, owing to the tracks running through cuts and being lower than the highway, and the earth being piled up in such a way

as to make it extremely difficult to see approaching trains; that an electric warning signal had been installed, but on account of the noise made by loaded wagons over the stony ground such warning proved inadequate, and praying that the respondents be ordered to remove the obstruction which prevented travelers from seeing approaching trains, and maintain a flagman at such crossing. The case was set for hearing for Sept. 10, 1907, and at request of parties was continued from time to time pending settlement. It was practically agreed between the parties, that the best solution of the situation would be the erection of an overhead highway crossing. The town authorities raised \$1,000 toward the cost of construction, and the Illinois Central R. R. Co. agreed to pay its proportion of the expense, but the Chicago, Milwaukee & St. Paul Ry. Co. refused to join with the other parties, owing to the great expense. The Commission exhausted its powers in attempting a settlement, and the case is closed so far as the Commission is concerned.

No. 188.

H. J. MACK

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioner, a resident of Hackley, filed a complaint on Aug. 15, 1907, alleging that the depot building at Hackley was kept locked most of the time, causing annoyance to freight and passenger patrons of the respondent. The hearing was set for Sept. 10, 1907; it was continued, pending settlement, and again fixed for March 11, 1908. At this hearing B. Corneau appeared for the respondent. The petitioner did not appear. The testimony of the superintendent of the Ashland division was taken. Negotiations were carried on for some time, and the respondent finally placed an agent in charge of the station.

No. 189.

VALVOLINE OIL COMPANY

vs.

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

ILLINOIS CENTRAL R. R. CO.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

WISCONSIN CENTRAL RY. CO.

Submitted November 9, 1907. Decided January 20, 1908.

H. L. Potter for petitioner.

F. P. Eyman and H. C. Cheney for C. & N. W. Ry. Co.; William Ellis for C., M. & St. P. Ry. Co.; Jones & Schubring for I. C. R. R. Co.; E. B. Ober for C., St. P., M. & O. Ry. Co.; E. G. Clark for W. C. Ry. Co.

Complaint alleges that the petitioner operates a large storage tank station at Madison, from which it ships oil in barrel lots to its customers; that the refusal of the respondents to allow the stoppage of cars of oil in transit operates to greatly curtail and limit its business; that the withholding of such transit privilege is solely for the benefit of the Standard Oil Co., a competitor of the petitioner.

Held: (1) That existing conditions tend to prohibit the increase of the volume of the business or the extension of the trade of the petitioner.

(2) That special transit privileges that are "open to all shippers for a like kind of traffic under similar circumstances and conditions" are not in violation of the statute.

(3) That full power has been granted by the statute to regulate stoppage in transit.

(4) That a service which does not admit of the transportation of certain articles of commerce in general use, upon terms which would enable the shipper to sell in competition with others, who by means of their great capital are able to supply their own facilities for reaching the markets, or for other reasons make no use of the equipment of the railways for such purpose, is not reasonably adequate within the meaning of the statute.

(5) That the legislature has granted the Commission full power to regulate service in order to prevent the possibility of monopoly on account of rules governing such service.

(6) That an adequate service in the transportation of barreled oil requires that the privilege of stoppage in transit be granted for a reasonable compensation.

(7) That a stoppage in transit privilege be granted as herein ordered.

On application of the respondents, the time in which the order in this case should become operative was extended from time to time, pending hearings in cases involving stoppage in transit privileges, and on June 4, 1908, an order for a rehearing was entered; such rehearing was held on June 19, and the case is pending before the Commission.

No. 190.

CHAMBER OF COMMERCE OF THE CITY OF MILWAUKEE

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

CHICAGO & NORTH WESTERN RY. CO.

WISCONSIN CENTRAL RY. CO.

The petitioner, through its committee on transportation, filed a complaint on Aug. 20, 1907, alleging that the respondents had in effect at Milwaukee the following rule relating to the disposition of grain: "On all grain subject to state or board of trade inspection, received on or before 8 a. m., disposition shall be given by 6 p. m. of same day, provided inspection has been made." The prayer was, that the respondents be ordered to put into effect the Chicago rule, as follows: "Cars containing grain in bulk which are inspected by state officials will be allowed forty-eight hours (two days) full time for disposition from first 7 o'clock a. m. after inspection, which will be considered a notice to consignor of arrival." A hearing was held on Oct. 15, 1907. George A. Schroeder appeared for the petitioner, William Ellis for the C., M. & St. P. Ry. Co., and Thos. H. Gill for the W. C. Ry. Co. Following the hearing negotiations were carried on, which resulted in the respondents putting the Chicago rule in effect in Milwaukee, as prayed by the petitioner.

No. 191.

PULP AND PAPER MANUFACTURERS OF WISCONSIN

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petition in this case was filed on Aug. 19, 1907, and alleged that the respondent charged for the transportation of logs, bolts and other forest products entering into the manufacture of pulp and paper, higher rates of freight than were charged for similar services and equal distances on the same kind of raw materials when transported for the purpose of being manufactured into lumber and similar articles; that the rates so charged were unjust and discriminatory. Subsequent to the filing of the complaint, the Commission, on its own motion, made an investigation of pulp wood rates charged by all the leading railroads of the state. This complaint was disposed of in connection with such investigation. See No. 212.

No. 192.

H. NEUMEISTER, MAYOR,

vs.

WISCONSIN CENTRAL RY. CO.

On Aug. 22, 1907, the petitioner, as mayor of the city of Colby, filed a petition alleging that the stock yards of the respondent in the city of Colby are partly located on land belonging to the city; that the city had often requested the respondent to remove its yards from such land, but that it had refused to do so; that such yards are inadequate for the proper handling of the stock shipped from said point and are not properly maintained, and praying that the yards be removed from the land owned by the city and that new and adequate yards be built, provided with the facilities for the handling and the protection of the stock. The petitioner was present at the hearing on Oct. 15, 1907, and the respondent was represented by Thos. H. Gill. Following the hearing negotiations were carried on, which resulted in the respondent satisfying the complaint of the petitioner.

No. 193.

E. B. HOMSTAD

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted Oct. 16, 1907. Decided Oct. 28, 1907.

Petitioner in his own behalf.
William Ellis for respondent.

Petition requesting the construction of a side track at Newry for shipping live stock and farm produce.

Held: That in a densely populated farming section like that under consideration, and in view of the considerable distances to stations on either side of the village at which a side track is desired, it is just and reasonable that the railway company should construct such side track; and

Held further: That the testimony shows the desirability of constructing a station at Newry, which is recommended.

No. 194.

In re INVESTIGATION ON MOTION OF THE COMMISSION OF MINIMUM CHARGES ON PACKAGE FREIGHT.

Submitted Sept. 25, 1907. Decided Sept. 26, 1907.

F. W. MacKenzie for Merchants & Manufacturers Association of Milwaukee.

A. Hirsheimer, Carl Kurtenacker, for merchants and manufacturers of La Crosse.

William Ellis and E. C. Nettels for C., M. & St. P. Ry. Co.; H. C. Cheyney for C. & N. W. Ry. Co.; F. G. Clark for W. C. Ry. Co.

Investigation of increase of minimum charge on package freight from 25 cts. to 40 cts.

Held: That the present acute situation demands a tentative order; that the minimum charge of 40 cts. on package freight now in effect on shipments between points in Wisconsin is excessive; that the former charge of 25 cts. be restored for all shipments between points in Wisconsin on the same line of railway; that on shipments involving more than one line the minimum charge shall be 40 cts.

No. 195.

WILLIAM SMITH ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioners, residents of the village of Union Grove, filed a complaint on Aug. 29, 1907, alleging that the stock yards of the respondent at Union Grove are located in the center of the village; that such yards are a nuisance, are continually in an unsanitary and unclean condition and are a source of great annoyance to the residents of the village and a menace to the health of the community. The case was set for hearing for Oct. 15, 1907. At the request of the respondent the hearing was postponed, and the yards were later removed and rebuilt on a new location, and in this manner the complaint was satisfied.

No. 196.

JOHN CAMPBELL

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Oct. 16, 1907. Decided Oct. 28, 1907.

Petitioner in his own behalf.

P. J. O'Brien for respondent.

Petition alleging that a crossing at grade in the town of Brigham, Iowa county, is unsafe and impassable for loaded teams.

Held: That the report of the engineer of the Commission, together with the testimony, established the necessity for relief and it is ordered that the railway company construct a subway in co-operation with the town authorities.

No. 197.

OSHIKOSH LOGGING TOOL Co.

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Oct. 16, 1907. Decided Nov. 26, 1907.

R. L. Varney for petitioner.

S. A. Lynde for respondent.

Complaint alleging exorbitant and unreasonable freight charges on shipments of logs from Mountain and other places

in Wisconsin, to Oshkosh, and praying for relief as provided by sec. 8, ch. 582, Laws of 1907, said shipments having been made for the most part prior to the time when said law became effective, and the respondent having put in effect prior to the filing of the complaint a lower schedule of rates which is acceptable to the petitioner.

Held: That sec. 8, ch. 582, Laws of 1907, is not retroactive; that the right of action existing at common law for recovery of exorbitant charges has been superseded by the statute; that the charges collected were in accordance with the printed schedule in force and were legal; that the changing of a rate by the Commission for the reason that the same is found to be unjust and unreasonable, does not render such rate unjust and unreasonable *ab initio*; that all schedules of rates printed and filed as required by law are legal and binding upon both shipper and carrier; that as to the part of the complaint relating to shipments made since said law became effective the testimony does not warrant the granting of any affirmative relief. Complaint dismissed.

No. 198.

FRANK WALLEN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a dealer in crushed stone at Lannon, filed a complaint on Sept. 12, 1907, alleging that the rates on crushed stone between Lannon and Milwaukee, and Lannon and various near points were excessive and discriminatory. By special arrangement the case was set for hearing for Sept. 24. At the request of the parties interested and to allow a settlement of the controversy, the hearing was continued from time to time, and the case was finally dropped by the petitioner. The petitioner later complained of a shortage of cars, which matter was adjusted to his satisfaction.

No. 199.

WILLIAM E. PICKERING

vs.

NORTHERN PACIFIC RY. CO.

The petitioner, a resident of Superior, filed a complaint on Sept. 12, 1907, alleging that the passenger depot of the respondent at the corner of West Fifth street and Newton

avenue, in the city of Superior, was an old building and in poor condition and totally inadequate for the accommodation of the public. The respondent answered that it was its intention to build a new depot at this point; that, owing to the amount of construction work in hand and the lateness of the season, it would be impossible to build before the following spring. A stipulation was entered into, under which the case was continued to June 1, 1908, and the respondent was to make some immediate improvements in the present building and commence the construction of the new depot on or before May 1, 1908. The terms of the stipulation were carried out to the satisfaction of the petitioner.

No. 200.

J. A. SCHWARTZ & SON

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted Oct. 16, 1907. Decided Oct. 28, 1907.

J. A. Schwartz for petitioner.
William Ellis for respondent.

Complaint alleging excessive and discriminatory rate on coal to Troy Center as compared with the rate to Beulah on the Wisconsin Central.

Held: That the rate situation in the territory under consideration is peculiar and difficult, because of the effect of the long and short haul provision of the federal law on the Wisconsin Central traffic; that an appreciable change in the rates of this section would automatically necessitate a change in the rates throughout the state and beyond; that the rate complained of is unjustly discriminatory, but that no opinion is expressed regarding its absolute unreasonableness; and that a slight readjustment should be made removing the unjust discrimination.

No. 201.

In re APPLICATION OF CHICAGO, MILWAUKEE & ST. PAUL RY. CO.
CHICAGO, BURLINGTON & QUINCY R. R. CO.
CHICAGO & NORTH WESTERN RY. CO.
WISCONSIN CENTRAL RY. CO.
MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.
CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.
GREEN BAY & WESTERN R. R. CO.
AHTAPEE & WESTERN RY. CO.
IOLA & NORTHERN R. R. CO.
KEWAUNEE, GREEN BAY & WESTERN R. R. CO.
NORTHERN PACIFIC RY. CO.

Applications were severally filed by the above named railway companies asking that they be exempt from having to file with the Commission statements of trip passes issued to persons regularly and exclusively in their employ. Under the provisions of sec. 7, ch. 582, Laws of 1907, the Commission, in its discretion, may grant such requests. This section also provides that the railway companies shall preserve a record of all such passes for a period of two years after issuance thereof. The applications were granted.

No. 202.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF RULES, REGULATIONS AND METHODS OF WEIGHING CARLOAD FREIGHT.

The Commission, on its own motion, instituted an investigation as to the rules and regulations enforced by the railroad companies of the state relating to the weighing of freight shipped in carload lots between points on the lines within the state. Notice of hearing was sent to all the railroads of the state, and the hearing was held on Nov. 5, 1907. At this hearing the principal railroads were represented and considerable testimony was taken. Further investigations were undertaken and are being carried on, and the matter is still pending before the Commission.

No. 203.

DELLS PAPER & PULP Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

Submitted Oct. 17, 1907. Decided Nov. 27, 1907.

No appearance for petitioner.
E. B. Ober for respondent.

Complaint alleging excessive and unreasonable rates on shipments of pulp wood from Ashland to Eau Claire on July 8 and 11, 1907, a lower rate going into effect on July 12, 1907, and a competitor having in effect such lower rate.

Held: That sec. 8, ch. 582, Laws of 1907, is not retroactive; that the testimony shows that the rate of 6.5 cts. per cwt., collected, was relatively unusual, and that a rate of 3.75 cts. per cwt. would have been a reasonable charge for the service.

No. 204.

CITY OF SUPERIOR

vs.

NORTHERN PACIFIC RY. Co.

Submitted Oct. 15, 1907. Decided Nov. 27, 1907.

Submitted on depositions and briefs.

Complaint alleging excessive and exorbitant charges on shipment of part of a carload of old lumber.

Held: That sec. 8, ch. 582, Laws of 1907, is not retroactive; that the rate charged was the legally authorized rate in effect covering the shipment made. Complaint dismissed.

No. 205.

HERMAN L. EKERN

vs.

GREEN BAY & WESTERN R. R. Co.

The petitioner, a resident of the village of Whitehall, filed a complaint on Sept. 24, 1907, alleging that the respondent operated its passenger trains through the village of Whitehall in such manner that residents of the village were unable to make important railroad connections at junction points,

thereby causing great and unnecessary inconvenience to such residents and patrons of the respondent. A hearing was held on Nov. 19, 1907. The petitioner appeared in person and the respondent was represented by J. C. Gaveney. On the date of the hearing a second petition was filed by Highbee & Highbee of La Crosse, in which a number of merchants of La Crosse joined with the above petitioner in substantially the same complaint. At the request of the petitioners, further hearing was continued from time to time and the matter is still pending before the Commission.

No. 206.

JOHN A. SALZER SEED CO.

vs.

ADAMS EXPRESS CO.

The petitioner, a dealer in seeds at La Crosse, filed a petition on Sept. 25, 1907, alleging that the respondent unlawfully discriminated against the petitioner, in that it obliged the petitioner to prepay all express matter, while other business houses were allowed to ship on a guarantee of charges. The respondent satisfied the complaint by ordering that its local agent accept express from the petitioner on its guaranteeing the charges.

No. 207.

JOHN P. ANNEN ET AL.

vs.

GREEN BAY & WESTERN R. R. CO.

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Five merchants and manufacturers of the city of Green Bay filed on Sept. 26, 1907, three separate petitions against the above named respondents, alleging that various designated railroad crossings in the city of Green Bay were unsafe and dangerous to travelers. The hearings were held jointly on Nov. 12, 1907. T. P. Silverwood appeared for the petitioners and the city of Green Bay, and William Ellis for the respondents. Following the hearings, the chief engineer of the Commission inspected the crossings in question and recommended that gates be established at two, and that the flagmen be re-

tained at three. The matter of the proper protection of the crossings was taken up later by the common council of the city, as under the provisions of the statute the petitions in these cases were not filed in such manner as to give the Commission jurisdiction.

No. 208.

STEVEN & JARVIS LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Submitted Nov. 12, 1907. Decided Nov. 29, 1907.

No appearance for petitioner.

E. B. Ober for respondent.

Complaint alleging excessive and exorbitant charges on shipments of three cars of lumber from Beldenville to Eau Claire, the respondent putting in effect, subsequent to shipment, an acceptable rate.

Held: That the testimony shows that the charge of 11.5 cts. per cwt. made, would yield an excessive return; that a reasonable rate would have been 8 cts. per cwt.; that a refund be made of \$32.57.

No. 209.

RESIDENTS OF BLOOMER

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

The petitioners, residents of the village of Bloomer, filed a complaint on Sept. 23, 1907, alleging that the Bloomer Telephone Co. furnished the respondent at its Bloomer station with telephone service free of charge; that by reason of the Public Utilities Law the telephone company was obliged to withdraw such free service; that in that case the telephone service could not be had with the railroad, which would result in great hardships and inconvenience to the petitioners and other residents of the village. The usual notice of investigation issued. The respondent satisfied the complaint by installing adequate telephone service.

No. 210.

RESIDENTS OF NEW AUBURN

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioners, residents of the village of New Auburn, filed a complaint on Sept. 23, 1907, similar to that filed by the residents of Bloomer, and the case was disposed of in the same manner as No. 209.

No. 211.

In re INVESTIGATION BY THE COMMISSION, ON ITS OWN MOTION,
OF THE RATES CHARGED FOR THE TRANSPORTATION OF MILK
AND CREAM BY THE

CHICAGO & NORTH WESTERN RY. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

WISCONSIN CENTRAL RY. Co.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

ILLINOIS CENTRAL R. R. Co.

FRANK SHULTIS ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

JOHN WINKLER

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

Submitted Nov. 5, 1907. Decided June 4, 1908.

Henry Lockney, R. Ainsworth, John Barnes, for petitioners.
William Ellis for C., M. & St. P. Ry. Co.
S. A. Lynde for C. & N. W. Ry. Co.
E. B. Ober for C., St. P., M. & O. Ry. Co.
E. C. Clark for W. C. Ry. Co.
Jones & Schubring for I. C. R. R. Co.

Complaints filed alleging excessive rates on milk and cream, and investigation of such rates on motion of the Commission.

Held: 1. That with reference to the petition of Frank Shultis et al., and of John Winkler, it was found that in the former case the rates charged by the respondent for the transportation of milk, and that in the latter case the rates charged by the respondent for the transportation of cream, when the differences in the conditions of shipment or in the kind of service rendered by the respondent in connection with such transportation are

taken into consideration, are higher than the rates charged for the transportation of other similar commodities for substantially like services; that they are also somewhat higher than appear to be warranted by the cost of performing these services, and by other commercial conditions; and that the petitioners are therefore entitled to some relief in the way of reduction of the rates complained of.

2. That under the present adjustment of the rates on cream and butter, the cost of transportation is relatively much greater for the butter shipped in the form of cream than for the butter which is shipped as butter; and that the reason for this is found in the fact that the proportion of "dead" weight is much greater in the former case than in the latter.

3. That it is not always possible to so adjust the rates of transportation as to effectively regulate business practices, even if these practices are of such character as to create unfair competition and as to have an undesirable effect upon the wholesomeness of the products.

4. That the value of the products is one of the elements which should be considered in fixing the rates of transportation; and that since cream is worth a great deal more than milk, it should be charged higher rates.

5. That the kind or class of service that is furnished by the carriers may also be a factor that should be taken into account in the adjustment of rates; and that as passenger train or express service is more speedy, more prompt, and of a higher grade generally than freight service, it may also justify higher rates of transportation.

6. That the rates of transportation of milk and cream recommended by us in the case should be substituted within this state for the rates on these commodities which are now in effect.

No. 212.

In re INVESTIGATION BY THE COMMISSION, ON ITS OWN MOTION,
OF THE RATES ON WOOD ON THE

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

DULUTH, SOUTH SHORE & ATLANTIC RY. CO.

MARINETTE, TOMAHAWK & WESTERN R. R. CO.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

NORTHERN PACIFIC RY. CO.

WISCONSIN CENTRAL RY. CO.

GREEN BAY & WESTERN R. R. CO.

PULP AND PAPER MANUFACTURERS OF WISCONSIN

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Oct. 19, 1907. Decided Jan. 9, 1908.

B. R. Goggins for Pulp & Paper Manufacturers of Wisconsin.

John Barnes for Rhinelander Paper Co.

B. Corneau, H. C. Cheyney and F. P. Eymán for C. & N. W. Ry. Co.

William Ellis, J. H. Hiland, W. E. Tyler and E. C. Nettles for C.,
M. & St. P. Ry. Co.

E. B. Ober for C., St. P., M. & O. Ry. Co.

Thos. H. Gill and E. C. Clark for W. C. Ry. Co.

John Van Hecke and W. R. McCaul for lumber interests.

It is in substance alleged in the complaint that the rates charged for the transportation of logs, bolts and other forest products are higher when these raw materials are intended for the manufacture of pulp and paper than when they are manufactured into lumber and similar articles; and that this difference in the rates constitutes an unjust discrimination against the pulp and paper industry. From a preliminary investigation this Commission became satisfied that sufficient grounds existed for holding a hearing in the matter for the purpose of determining whether the rates charged for the transportation of the commodities mentioned, when entering into pulp and paper, were discriminatory and unreasonable. Upon the hearing held in this case and upon further investigation it was found:

That the rates on logs, bolts and other forest products are considerably higher when going into pulp and paper mills than when going into saw mills and other manufacturing establishments;

That the volume of the traffic was greater for the lumber industry than for the pulp and paper industry.

That in the case of pulp wood the loading per car and the empty car mileage are relatively smaller than is the case for saw logs. Pulp wood is also, on the whole, of lower value than saw logs and often of greater cost of production;

That the weight of the paper amounts to about 35 per cent of the weight of the pulp wood which enters into it, and that this is also about the relation which obtains between the weight of the lumber and that of the logs from which it is produced;

That the traffic furnished to the carrier chiefly consists of

the logs in to the mills and the lumber out from the mills in the lumber industry, while in the paper industry it consists of the pulp wood in and the paper out, together with large quantities of coal and other material, including pulp between the various mills;

That, while there is no direct competition between the products in the two industries, or between paper and lumber, there appears to be some competition between them in the purchase of the raw material which enters into these products;

That the fixed charges are relatively greater in the paper than in the lumber industry, and that these facts may be considered important in the financial result of the operation of the two industries;

That the purpose for which the commodities are intended, and that stoppage in transit privileges may be considered in fixing rates, when in line with public policy and when it can be done without any unjust discrimination or prejudice;

That there does not appear to be any active competition in the transportation of saw logs that does not with equal force also apply to the transportation of pulp wood;

That the rates on the raw material mentioned, as given in the tariffs, do not alone disclose the real situation, for the reason that the raw material going to the saw mills is shipped under so-called milling in transit privileges, where the lower rates in to the mills are supposed to be offset by higher rates on the manufactured product out; that in order to determine the true difference between the rates in the two industries it is necessary to compare the rates of both the raw material in to the mills and of the products obtained from this material when shipped out from the mills; that in making these comparisons it is also necessary to take into consideration the respective values of the products in the two cases; that when the rates on the freight, both in and out, together with the value of the products, are taken into account, the comparisons show that the cost of transportation to the shippers, is, on the whole, considerably greater in the paper than in the lumber industry; and that the difference in the cost, if applied to pulp wood alone, would result in a considerable reduction in the rates on this wood;

That the rates on pulp wood to paper producing points in other states, which were presented at the hearing, are, on the

whole, considerably lower than the rates on pulp wood to pulp and paper producing points in this state;

That the financial condition of the roads over which the greater proportion of the pulp wood in this state is transported is all that can be desired;

That calculations giving the approximate cost per unit of transportation to the carriers indicate that the rates now charged for the transportation of pulp wood are somewhat higher than they should be;

That pulp wood, or the raw material entering into pulp and paper, because of its low value, small risk of transportation, heavy loading, and for other reasons, is a commodity that should be transported at relatively low rates;

For these and other reasons it is

Held: That the rates now charged for the transportation of pulp wood in this state are discriminatory and unreasonably high, and that they should be reduced as provided by the order in this case.

No. 213.

D. E. FROST

vs.

WISCONSIN CENTRAL RY. CO.

Submitted Nov. 12, 1907. Decided Nov. 20, 1907.

Park & Carpenter, McFarland & Murat, for petitioner.

D. W. McNamara for Montello.

Thos. H. Gill for respondent.

Petition requesting a change of the passenger train schedule on the Portage branch of the Wisconsin Central Ry.

Held: That a reasonable accommodation of the localities served directly and solely by the one passenger train in question must be regarded as the decisive factor in this case and that, therefore, the schedule which had been in existence for many years prior to the change about May 1, 1907, should be re-established. This is ordered.

No. 214.

S. P. CARLSON

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

The petitioner, a resident of Bennett, Wis., filed a complaint on Oct. 8, 1907, alleging that the rates charged by the respond-

ent for transporting cord wood from Bennett to Superior were excessive and discriminatory. This complaint was merged in the investigation of cord wood rates, entered into on motion of the Commission, and was disposed of in connection with No. 220.

No. 215.

C. C. BENNETT

vs.

AMERICAN EXPRESS Co.

The petitioner, as superintendent of public property of the state of Wisconsin, filed a complaint on Oct. 16, 1907, alleging that the rates charged by the respondent on books and printed matter between points in the state of Wisconsin were excessive and discriminatory as compared with rates charged on other commodities between like points. The hearing was held Dec. 10, 1907. The petitioner appeared in person and the respondent was represented by Robert E. M. Cowie. The matter is still pending before the Commission.

No. 216.

In re APPLICATION OF THE GREAT NORTHERN RY. Co.

Application made Oct. 17, 1907, asking that the company be exempt from reporting trip passes issued to employes. Application granted and order issued Oct. 22, 1907. See No. 201.

No. 217.

ROBERT ILIFF

vs.

GREEN BAY & WESTERN R. R. Co.

Submitted Nov. 19, 1907. Decided Nov. 25, 1907.

Petitioner in his own behalf.
F. B. Seymour for respondent.

Complaint alleging failure of the Green Bay and Western R. R. Co. to provide adequate facilities for the weighing of live stock at Alma Centre, Wis.

Held: That this petition does not involve the question of correct weights or of facilities for weighing freight within the

meaning of sec. 10, ch. 362, Laws of 1905, as amended; that, on the other hand, this petition has in view the weighing of live stock exclusively for the benefit of the buyer and seller in ascertaining the price to be paid for such live stock; that the determination of the selling price of live stock, before it is offered for shipment to the railway company, is purely a private transaction in which the railway company has no interest whatsoever; that no complaint is made to the effect that the railway company fails to provide adequate facilities for determining weights upon which to base freight charges. Petition is dismissed.

No. 218.

FOND DU LAC TABLE MANUFACTURING CO.

vs.

CHICAGO & NORTH WESTERN RY. CO.

WISCONSIN CENTRAL RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner is engaged in the manufacture of tables at Fond du Lac. On Oct. 28, 1907, it filed a complaint with the Commission alleging that the rates on soft coal, charged by the respondents from lake points such as Manitowoc, Green Bay, Sheboygan and Milwaukee, were excessive and discriminatory. The matter was set for hearing and continued from time to time, and the complaint was finally abandoned by the petitioner.

No. 219.

CITY OF SHEBOYGAN

vs.

SHEBOYGAN LIGHT, POWER & RY. CO.

Submitted Dec. 10, 1907. Decided Jan. 24, 1908.

No appearance for petitioner.

Ernest Gonzenbach for respondent.

Complaint filed by a committee of the common council of the city of Sheboygan, alleging that the respondent failed to furnish adequate service and facilities.

Held: That under the provisions of sec. 12, ch. 362, Laws of 1905, no jurisdiction was conferred on the Commission by the filing of a complaint signed by a committee of the common council, said common council not having authorized such filing. Complaint dismissed without prejudice.

No. 220.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE
RATES ON CORD WOOD FROM BENNETT TO SUPERIOR

On complaint being filed by S. P. Carlson, relating to the rates on cord wood from Bennett to Superior, the Commission instituted an investigation on its own motion, and on Nov. 1, 1907, issued a notice of hearing. The hearing was held on Nov. 12, 1907, the Chicago, St. Paul, Minneapolis & Omaha Ry. Co. being represented by E. B. Ober, its special freight agent. The decision of the Commission was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 221.

BEN C. COVER

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner, a resident of Madison, filed a complaint on Dec. 13, 1907, alleging that in September preceding he shipped a crated automobile from Ashland to Madison; that the agent of the respondent at Ashland informed the petitioner that the charges on same would be \$10.73; that the agent of the respondent at Madison demanded and collected from the petitioner the sum of \$32.50, on the grounds that the automobile was not crated in a manner to comply with the rules and regulations of the respondent, and that therefore the rates for crated articles would not apply and the legal rate was the rate on uncrated articles, which was demanded. The petitioner contended that such ruling was unreasonable and that he was entitled to a refund in the amount of the difference in the rates, or \$21.80. A hearing was held on Dec. 10, 1907. H. H. Morgan represented the petitioner and E. M. Hyzer the respondent. It was finally agreed between the attorneys in the case that the Commission had no jurisdiction over the controversy, and the proceedings before the Commission were abandoned.

No. 222.

JOHN KIRKPATRICK

vs.

WESTERN UNION TELEGRAPH CO.

The petitioner, a resident and dealer in cheese at Richland Center, filed a complaint on Nov. 9, 1907, alleging that telegrams from Plymouth, Sheboygan, Fond du Lac and other points, destined for Richland Center, were usually delayed for twenty-four hours, caused by the wire being open for several hours at a time, thereby preventing their use by the local operator; and that the wires are often in bad order, and that the service is generally unsatisfactory and inadequate. The hearing was held Dec. 10, 1907. The petitioner appeared in person and the respondent was represented by James Swan. Following the hearing the respondent erected an additional wire between Lone Rock and Richland Center, as prayed by the petitioner, and by means of which the residents of Richland Center would be given adequate telegraph service.

No. 223.

PULP WOOD CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Submitted Dec. 10, 1907. Decided Jan. 24, 1908.

W. S. Taylor for petitioner.
No appearance for respondent.

Complaint alleging unusual and exorbitant charges on shipments of pulp wood from Itasca to points in the Fox River valley.

Held: That from recent investigations of pulp wood rates made by the Commission, it appears that the rate exacted from the petitioner is unusual and exorbitant and that a refund be made in the amount herein named.

No. 224.

CITY OF ONALASKA

vs.

LA CROSSE & ONALASKA STREET RAILWAY CO.

The petitioner, through its mayor, filed a complaint on Nov. 15, 1907, alleging that the respondent did not maintain

a station or waiting room at the Onalaska terminus of its line, thereby causing unnecessary hardship to its patrons; that the charges of the respondent within the city of Onalaska and for transportation between Onalaska and La Crosse, are excessive and unreasonable. The hearing was held Dec. 10, 1907. Thomas Morris and Herman Rahn appeared for the petitioner, and B. E. Edwards and P. Vallier appeared for the respondent. Several other cases are pending before the Commission involving the questions of street car service and fares, and this case is being held open pending a complete investigation of the questions involved.

No. 225.

FAY L. CUSICK

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, a wholesale lumber and real estate dealer residing at West Allis, filed a complaint on Nov. 20, 1907, alleging that the earnings of the respondent are sufficient to allow the extension of the fare zone from points in the city of Milwaukee to the western limits of the city of West Allis. A great amount of work has been done on this case in connection with other cases involving the same respondent and relating to fares and service in and about the city of Milwaukee, and the whole matter is still pending before the Commission.

No. 226.

J. H. BOWKER

vs.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

A. F. MATTAUSCH, Intervener.

Submitted April 27, 1908. Decided June 6, 1908.

Petitioner and intervener appeared in person.
A. H. Bright and F. W. Curtis for respondent.

Petition praying that a station and side track facilities be established at Strickland, the facilities at present consisting of a loading track. Respondent prayed that it be permitted to consolidate the two stations of Lehigh and Strickland, and

construct a station one mile west of Strickland, Lehigh being 2.3 miles west of Strickland. The testimony shows that the amount of traffic from the two points is light and is not material in determining the case; that a station at Lehigh would best serve the largest number of residents.

Held: That the present conditions do not warrant the establishment of stations at both Lehigh and Strickland; that the maintaining of a station at Lehigh best accommodates the present and future needs of the largest number of residents. Petition dismissed and prayer of respondent denied.

No. 227.

JOSEPH NEWMAN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, as chairman of the town of Westford, Dodge county, filed a complaint on Nov. 23, 1907, alleging that the lines of the respondent cross a main traveled highway in said town at grade, that such crossing is unsafe and dangerous to travelers over such highway, by reason of the contour of the land obstructing the view of approaching trains. The case was set for hearing for Feb. 11, 1908. The hearing was continued. Certain devices for the protection of the travelers were installed by the respondent, which will probably satisfy the complaint.

No. 228.

COOK & BROWN LIME CO.

vs.

THE WISCONSIN CENTRAL RY. CO.

Submitted Jan. 14, 1908. Decided March 13, 1908.

No appearance for petitioner.

Thos. H. Gill for respondent.

Complaint alleging that respondent exacted a rate of 6 cts. per cwt. on cement between Milwaukee and Oshkosh, which was unusual as compared with the rate of 5 cts. per cwt. on competing lines between the same points, and praying that a refund be ordered. It was conceded that the failure of respondent to put in effect a rate of 5 cts. per cwt. was due to oversight.

Held: That the rate of 6 cts. per cwt. is, under the circumstances, excessive; that the respondent refund the sum of \$9.50, being the amount found excessive.

No. 229.

RESIDENTS OF ROSENDALE AND ELDORADO

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioners, residents of Rosendale and Eldorado, filed a complaint on Nov. 27, 1907, alleging that the respondent failed to maintain telephones in its depots at said stations, and praying that such service be ordered installed. The respondent, by way of answer, stated that it had ordered a telephone installed in its depot at Rosendale, but that no substantial necessity existed for the installation of a telephone in its depot at Eldorado. The respondent later made arrangements with a resident of Eldorado whereby telephone service with the depot was furnished.

No. 230.

ED BLASER ET AL.

vs.

CHICAGO & NORTH WESTERN RY. Co.

Submitted Feb. 11, 1908. Decided Feb. 27, 1908.

Kittell & Burke for petitioners.
H. E. Corneau for respondent.

Petition of the citizens of Krakow demanding the establishment of a railway station, a side track and the maintenance of an operator.

Held: That the conditions at present existing at Krakow do not warrant the establishment of a regular station and the maintenance of an agent thereat, but it is ordered that the respondent company construct a spur track at a point to be approved by the Commission, and that it also construct a suitable platform at a convenient point, and that it stop one passenger and one freight train daily in each direction at said platform for the transaction of such business as is customarily done at railway stations,

No. 231.

W. F. SCHECKLER

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, a farmer residing near the city of Racine on the line of the respondent, filed a complaint on Dec. 14, 1907, alleging that he was unjustly discriminated against, in that the respondent refused to stop its cars at his residence to allow him to get on and off same, but allowed other persons to get on and off its cars at said point. The hearing was held on Jan. 14, 1908. Emerson Ela represented the petitioner and E. S. Mack the respondent. The complaint involved the question of stopping points on the line of the respondent between Racine and Milwaukee. The nearest stopping point to the residence of the petitioner was 265 feet, near a hotel of questionable reputation. Following the hearing, the complaint was satisfied by the respondent fixing a stopping point about 100 feet from the residence of the petitioner.

No. 232.

HARVEY SPRING CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a manufacturer of vehicles at Racine, filed a complaint on Dec. 17, 1907, alleging that the respondent had withdrawn the commodity rates on springs from Racine to Whitewater, Janesville, Beloit, Madison, Stoughton, Jefferson and other points in southern Wisconsin, to the great injury of the petitioner. Prior to the time set for the hearing, the commodity rates were restored and the complaint withdrawn.

No. 233.

C. BACON

vs.

STANLEY, MERRILL & PHILLIPS RY. CO.

Submitted Jan. 14, 1908. Decided Jan. 28, 1908.

Petitioner in his own behalf.

R. P. Wilcox for respondent.

A complaint against the Stanley, Merrill & Phillips Ry. Co., alleging inadequate station facilities and service at a point called Field.

Held: That in view of the opinions of a great majority of the settlers in adjacent territory regarding the advantages of maintaining the present station at Jump River, it would be unreasonable to compel the respondent railway company to maintain another station at Field. Recommendations are made regarding accommodations at Field, pending the construction of a wagon bridge across the Jump river at that point. Complaint dismissed.

No. 234.

THOMAS MORRIS

vs.

LA CROSSE CITY RY. CO.

The petitioner, a resident of La Crosse, filed a complaint on Dec. 16, 1907, alleging that the respondent fails to furnish its patrons in the city of La Crosse with reasonable and adequate service, in that it does not operate a sufficient number of cars; the cars are not run on established schedule; the cars are not properly heated and are generally in an unsanitary condition; proper waiting rooms are not maintained; that the company failed to take proper precautions to prevent collisions at railway crossings. It was further alleged that the rate of fares was unreasonable and excessive. The hearing was held on Jan. 15, 1908. The petitioner appeared in his own behalf, and B. E. Edwards and P. Vallier appeared for the respondent. Other cases involving the fares and service of street railways are being investigated by the Commission, and the case is held open pending the completion of such investigations.

No. 235.

GOODING & MYLREA LUMBER CO.

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is engaged in manufacturing lumber at Wittenberg. On Dec. 16, 1907, it filed a complaint alleging that the rate in effect on saw logs from Siding No. 2, three miles north of Monico Jet., to Wittenberg, a distance of fifty-nine miles, was \$2.10 per 1,000 feet; that such rate was excessive and unjustly discriminatory as compared with the rate of \$1.00 in effect between Three Lakes and Kelly, and other simi-

lar rates. On the date set for the hearing the respondent, by special authority of the Commission, put in immediate effect a rate of \$1.00 per 1,000 feet between said points, and the complaint was withdrawn.

No. 236.

PEOPLE'S TELEPHONE CO.

vs.

EASTERN RY. CO. OF MINNESOTA

GREAT NORTHERN RY. CO.

The petitioner, a telephone company operating in Superior, filed a complaint on Dec. 19, 1907, alleging that the respondents do not furnish reasonably adequate telephonic connection with its properties located in Superior, in that they do not permit the petitioner to install any telephones in their offices and buildings; that the telephonic service furnished by them is unreasonably and unjustly discriminatory, in that they permit telephone connection to be had with their offices and buildings by the Douglas County Telephone Co., a competitor of the petitioner. Hearings were had on and following May 12, 1908, and depositions taken. Grace and Hudnall appeared for the petitioner, and J. A. Murphy, C. H. Crownhart and W. M. Steele appeared for the respondents. The decision in the case was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 237.

LAFAYETTE STOWE

vs.

NORTHERN PACIFIC RY. CO.

The petitioner operates a sawmill on the line of the respondent between Washburn and Iron River. On Dec. 21, 1907, he filed a complaint through his attorney, E. C. Alvord, alleging that the respondent refused to construct a spur track at his said mill. A number of depositions were taken at Washburn and the case was set for hearing. The hearing was continued and the controversy was finally settled between the parties and a stipulation filed dismissing the complaint.

No. 238.

W. G. TABOR

vs.

WISCONSIN CENTRAL RY. CO.

Complaint was filed Dec. 21, 1907, by W. G. Tabor, a resident of the village of Dorchester, alleging that the respondent refused and failed to install a telephone at its depot at Dorchester. The case was set for hearing for Jan. 14, 1908. Prior to the hearing the respondent satisfied the complaint by ordering a telephone installed.

No. 239.

BURLINGTON ADVANCEMENT ASS'N.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, an association organized to promote the business interests of Burlington, filed a complaint on Dec. 23, 1907, alleging that the petitioner is endeavoring to have established in that city a factory for the manufacture of baskets, veneers and similar products; that the rates on saw logs to Burlington are higher than the rates in force to factories situated on the lines of the Chicago & North Western Ry., and are excessive and unreasonable and unjustly discriminatory, and unless reduced to an equality with the rates in force on the Chicago & North Western Ry., will prevent the establishment of the said factory at Burlington. The case was set for hearing for Jan. 14, 1908, and was later settled.

No. 240.

WILLIAM RIENOW

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, a farmer residing in the vicinity of Spokeville, filed a complaint on Dec. 31, 1907, alleging that the station facilities at Spokeville are inadequate, and praying that the respondent be ordered to erect a suitable platform, baggage and waiting room. The hearing was held on Feb. 11, 1908. Thos. H. Gill appeared for the respondent and no one

appeared for the petitioner. Following the hearing, the respondent made certain improvements at Spokeville. The case is still pending before the Commission.

No. 241.

COLIN W. WRIGHT

VS.

ILLINOIS CENTRAL R. R. Co.

Submitted Feb. 12, 1908. Decided Feb. 28, 1908.

Petitioner in his own behalf.

L. B. Murphy for Forty Thousand Club.

Jones & Schubring for respondent.

Complaint alleging inadequacy of passenger service on the Freeport-Madison branch of the Illinois Central R. R. The burden of the testimony and argument on behalf of the petitioner was directed against the use of a gasoline motor car which had been substituted for a steam passenger train.

Held: That the introduction of the motor car marks an epoch in the development of transportation; that the testimony shows substantial and safe construction of this car; that economy in operation is in the interest of the public as well as of the railway company; that the element of danger connected with the operation of a motor car, whatever that may be, is a question of objective fact, experience and expert knowledge, rather than of subjective impulse; that motor cars have been used in increasing numbers in all the leading countries of the world, both upon company-owned and state-owned railways, and that such operation has met with practically universal approval; that there is no evidence before the Commission tending to show inability on the part of the motor car in question to accommodate the traffic on respondent's line of railway, and that therefore the complaint be dismissed.

No. 242.

CITY OF WEST ALLIS

VS.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, through its city attorney, filed a complaint on Dec. 27, 1907, alleging that the rates charged by the respondent for transportation between the city of Milwaukee and the western limits of the city of West Allis, and between

points in the city of West Allis, are excessive, unjust and unreasonable. A considerable amount of investigation has been carried on by the Commission in connection with this case and other cases involving the question of rates charged by the respondent herein, and the entire matter is still pending.

No. 243.

WOLF RIVER PAPER & FIBRE Co.

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioner, engaged in the manufacture of pulp and paper at Shawano, filed a complaint on Jan. 3, 1908, alleging that the rates charged by the respondent on stone from Oakfield to Shawano were excessive and unreasonable as compared with the rates in effect from said point to Chicago, Marshfield, Ashland and other points. Soon after the complaint was filed, the respondent put in effect a tariff which was satisfactory to the petitioner, and the complaint was withdrawn.

No. 244.

In re INVESTIGATION OF TELEGRAPH SERVICE BY THE COMMISSION,
ON ITS OWN MOTION, ON THE

CHICAGO & NORTH WESTERN RY. Co.

CHICAGO, BURLINGTON & QUINCY R. R. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

DULUTH, SOUTH SHORE & ATLANTIC RY. Co.

GREAT NORTHERN RY. Co.

ILLINOIS CENTRAL R. R. Co.

MARINETTE, TOMAHAWK & WESTERN RY. Co.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. Co.

NORTHERN PACIFIC RY. Co.

WISCONSIN CENTRAL RY. Co.

WISCONSIN & MICHIGAN RY. Co.

WESTERN UNION TELEGRAPH Co.

POSTAL TELEGRAPH & CABLE Co.

CHICAGO, MILWAUKEE & LAKE SUPERIOR TELEGRAPH Co.

Submitted Jan. 20, 1908. Decided Feb. 5, 1908.

J. A. Aylward representing the village of Black Earth.
Colin W. Wright representing the village of Juda.
Robert Lachmund representing the village of Sauk City.
S. A. Lynde for C. & N. W. Ry. Co.
Woodward & Lees for C., B. & Q. R. R. Co.
C. H. Van Alstyne and H. J. Killilea for C., M. & St. P. Ry. Co.
J. B. Sheean for C., St. P., M. & O. Ry. Co.
C. E. Lytle for D., S. S. & A. Ry. Co.
J. A. Murphy for G. N. Ry. Co.
Jones & Schubring for I. C. R. R. Co.
F. W. Curtis for M., St. P. & S. S. M. Ry. Co.
Thos. H. Gill for W. C. Ry. Co.
W. T. Abbott for W. & M. Ry. Co.
J. Swan for W. U. Tel. Co.

This investigation was prompted by petitions and complaints relating to telegraphic service. The enforcement of ch. 575, Laws of 1907, resulted in the closing of a large number of telegraph stations, due, in part at least, to the re-distribution of the railway telegraph operators, only a limited number of which were available. The railway companies now employ many more operators and pay a larger total of operators' salaries. Ch. 575 has also accelerated the substitution of the telephone for the telegraph in train operation. The contracts between the railway and telegraph companies make the latter responsible for commercial messages. The receipts at closed stations given. Impossibility of issuing a general order. Inadequacy of service is a matter of fact and law, which must be determined in each case by itself.

No. 245.

E. B. MCGILVARY

vs.

UNITED STATES EXPRESS Co.

AMERICAN EXPRESS Co.

The petitioner, an educator connected with the University of Wisconsin and residing in that part of the city of Madison known as University Heights, filed a complaint on Jan. 15, 1908, alleging that the respondents unjustly discriminated against the residents of University Heights, in that they refused to deliver and collect express packages in that portion of the city. The hearing was held Feb. 11, 1908, and follow-

ing the hearing the respondents satisfied the complaint by extending their delivery limits in the city so as to include University Heights.

No. 246.

NEW YORK FISH CO.

vs.

CHICAGO, BURLINGTON & QUINCY R. R. Co.

The petitioner, a wholesale dealer in fish, having its principal office at La Crosse, filed a complaint on Jan. 16, 1908, alleging that the rates charged by the respondent for the transportation of empty fish boxes are excessive; that the respondent refuses to grant the petitioner the privileges of stoppage in transit to finish loading. That part of the complaint relating to stoppage in transit was considered in connection with a general investigation which is still pending before the Commission. The complaint on rates and classification of fish boxes was heard on March 27, 1908. C. K. Freer appeared for the petitioner and Woodward & Lees for the respondent. The decision of the Commission was rendered subsequent to June 30, 1908, and will be found in volume two of the Decisions of the Commission.

No. 247.

EDWARD HINES LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner, a manufacturer and dealer in lumber, having its principal office in Chicago and operating a sawmill at Hayward, Wis., filed a complaint on Jan. 22, 1908, alleging that the tariff in effect on saw logs from Hines to Hayward provides for a rate of \$2.00 per car, minimum number of cars thirty-five per day; that owing to the failure of the respondent to furnish a sufficient number of cars, the petitioner was unable to meet the required minimum, and praying that collection be made on the basis of the actual number of cars moved. At the hearing, which was held on Feb. 11, 1908, it developed that the petitioner had not paid the charges due under the published tariff, and that therefore the Commission

had no power to act. The petitioner was so advised and later complied with the requirements of the statutes and filed a complaint under which the Commission had jurisdiction. See No. 275.

No. 248.

PETER QUANTIUS

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, a resident of Montello, filed a complaint on Jan. 24, 1908, alleging that the respondent had discontinued its public telegraph service at Montello, to the injury of the petitioner. The hearing, which was set for March 11, 1908, resolved itself into a conference between the parties, at which it developed that said telegraph office had been operated by the Western Union Telegraph Co., and that said company was a necessary party to the proceeding. An unsuccessful attempt was made by the Commission to adjust the matter. Later a new complaint was drafted and forwarded to the petitioner, who did not return the same, and the matter is considered closed.

No. 249.

J. HANOWITZ

vs.

MATTOON RY. CO.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Mar. 11, 1908. Decided April 8, 1908.

Kreutzer, Bird & Rosenberry for petitioner.
Francis Williams for M. Ry. Co.
B. Corneau for C. & N. W. Ry. Co.

Complaint alleging excessive rates, inadequate service and discrimination in rates and service. The first named respondent railway company admits it is a common carrier for only about one-third of its entire length, and it claims that for the remainder of its line it is a private logging road. The chief legal question involved in this position is at present before the courts; and in view of the offer of the railway company to accept freight at any point on its line, it is not thought neces-

sary to deal with this issue at present, but simply to consider the question of rates and to make recommendations regarding the same. A reduced schedule of rates for the shipment of logs and excelsior bolts is herein recommended.

No. 250.

K. L. HATCH ET AL.

vs.

WESTERN UNION TELEGRAPH Co.

The petitioners, residents of Winneconne, filed a petition on Feb. 5, 1908, alleging that on Jan. 1, 1908, the respondent discontinued its telegraph office at Winneconne, to the great inconvenience of the residents of said village, and praying that said office be ordered restored. It appeared that this office had not been operated as an independent office, but in connection with the Chicago, Milwaukee & St. Paul Ry. Co., which company should have been made a party to the proceeding. Considerable correspondence was carried on by the Commission in an effort to get the office restored. Finally a new complaint was drafted and forwarded to the petitioners, who failed to sign and return same, and the case is considered closed.

No. 251.

W. B. CLEMENTS

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

The petitioner, a resident of the village of Veedum, filed a complaint on Feb. 4, 1908, alleging that during the month of December, 1907, the respondent discontinued its daily passenger train service through the village of Veedum on its Dexterville-Lynn branch, and substituted a service three days a week; that such service was unreasonable, insufficient and discriminatory. The case was set for hearing for March 11, 1908, and on March 7 the complaint was withdrawn by the petitioner.

No. 252.

MENASHA PAPER Co.

vs.

WISCONSIN CENTRAL RY. Co.

Decided Mar. 16, 1908.

Petition asking for a refund on shipment of paper from Menasha to Ladysmith, made in March, 1907. No routing was specified and shipment was made over line of respondent at the legal rate of 19 cts. per cwt. A more direct route was via Prentice Jet. and the "Soo" Line, for which the legal rate was 10 cts. per cwt.

Held: That under the provisions of sec. 8, ch. 582, Laws of 1907, petition must be made within six months after delivery of shipment in order to give the Commission jurisdiction; that in this case more than eleven months intervened. Petition dismissed.

No. 253.

TOWN OF NEBAGAMON

vs.

WISCONSIN CENTRAL RY. Co.

Complaint filed Feb. 11, 1908, by the town board of the town of Nebagamon, Douglas county, alleging that a certain crossing in said town was unsafe and dangerous to travelers, and praying that the Commission order the removal of obstructions that prevent travelers from observing approaching trains, and either order a bridge constructed over the railroad or the highway graded so as to make a more gradual ascent and descent to the tracks. The hearing was held on March 11, 1908. John E. Heacock appeared for the petitioner and Thos. H. Gill for the respondent. The case is still pending before the Commission.

No. 254.

ROCK COUNTY CONCRETE STONE CO. ET AL.

vs.

CHICAGO & NORTH WESTERN RY. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

The petitioners, the Rock County Concrete Stone Co. and the Janesville Granite Brick & Stone Co., filed a complaint

on Feb. 11, 1908, alleging that the respondents charged the distance tariff rates on movements from the side tracks of the petitioners in the city of Janesville to the new yards of the C. & N. W. Ry. Co., a distance of three miles, and praying that a switching charge be placed in effect in place of the distance tariff. The case was set for hearing for March 11, 1908. Prior to said date the complaint was withdrawn by the petitioners.

No. 255.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF RULES
RELATING TO STOPPAGE IN TRANSIT OF CARLOAD FREIGHT

A number of complaints having been filed with the Commission, involving the question of the right of stoppage in transit being granted to certain commodities on certain railroads, the Commission, on its own motion, instituted a general investigation, involving the rules and regulations of the principal railroads of the state. A notice of the hearing, which was held March 24, 1908, was sent to all the leading shippers of the state. At the hearing the shipping interests were well represented and the leading railroads. The Commission is carrying on an extended investigation of the subject and the matter is still pending.

No. 256.

ALART & MCGUIRE

vs.

GREEN BAY & WESTERN R. R. Co.

Submitted April 14, 1908. Decided April 17, 1908.

Complaint alleging exorbitant rates charged by respondent on shipments of cucumbers and onions.

Held: That the rate in force of 19.5 cts. per cwt. is unusual; that the commodities are entitled to a concentration rate, and that a reasonable rate for service rendered would have been 6 cts. per cwt. Refund ordered as stated herein.

No. 257.

M. W. KNAPTON

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner, as mayor of the city of New London, alleged that the respondent failed to furnish an adequate waiting room at its depot at New London. Following the filing of the complaint, the respondent voluntarily made repairs and additions, and the complaint was withdrawn.

No. 258.

JEFFERSON ICE CO.

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted May 15, 1908. Decided June 3, 1908.

O'Connor, Schmitz & Wild, Fred Kull and John Barnes for petitioner.

S. A. Lynde for respondent.

T. M. Kearney and John Simmons for interveners.

Petition of the Jefferson Ice Company for an order compelling the Chicago & North Western Ry. Co. to construct and operate a certain spur track. Intervening petitions were filed by residents on the shores of Lake Geneva, upon which the ice house with which the connection is to be made is situated, and by the two towns through which the spur track would run.

Held, with respect to the interveners: That under the provisions of ch. 352, Laws of 1907, the Commission cannot lawfully take into consideration the matters presented by the intervening petitioners, but that it is restricted to the three essential requirements of the law relating to necessity, distance and safety. This feature of ch. 352 is discussed and the provisions construed. "Two miles in length" defined to mean two miles of line, and not two miles of total trackage.

Held, with respect to the petition: That the testimony fully meets the requirements of the law, which are enumerated and discussed herein, and that thereupon it is mandatory upon the Commission to order the construction of said spur track. An order is issued requiring the Chicago & North Western Ry. Co. to construct the spur track described herein within a period of four months.

No. 259.

GEO. H. KATZ

vs.

AMERICAN EXPRESS CO.

The petitioner, a resident of Milwaukee, filed a complaint on Feb. 29, 1908, relating to the free delivery limits in said city. The matter was set for hearing for Apr. 4, 1908, and on said date a stipulation was filed by which the free delivery limits were extended to the satisfaction of the petitioner, and the complaint was withdrawn.

No. 260.

DANIEL SHAW LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Submitted April 14, 1908. Decided April 17, 1908.

Complaint alleging excessive charges on shipments of logs between Cobban and Eau Claire.

Held: That the rate collected of 2.5 cts. per cwt. is exorbitant and that a reasonable rate would have been \$6.25 per car. Refund ordered as stated herein.

No. 261.

In re APPLICATION OF THE WAUPACA-GREEN BAY RY. FOR PERMISSION TO ACCEPT FROM THE GREEN BAY & WESTERN R. R. AN ADDITIONAL ONE CENT PER HUNDRED POUNDS ON POTATO SHIPMENTS IN CARLOAD LOTS.

Decided March 2, 1908.

A petition was filed with the Commission asking that it sanction an agreement by which the Green Bay & Western R. R. would allow the Waupaca-Green Bay Ry. an additional 1 ct. per 100 lbs., out of the joint rates on carload lots of potatoes delivered to the Green Bay & Western R. R. at Scandinavia, Wisconsin. Under the existing agreement the Waupaca-Green Bay Ry. receives 2 cts. per 100 lbs.

Held: That joint rates and the division of the same between the connecting railroads are primarily a matter of voluntary

agreement between the railroads interested. That the Commission may apportion joint rates when the connecting railways cannot agree upon a division of such rates. That the Commission is authorized to determine the reasonableness of joint rates in case public interests are affected. That the only grounds upon which the Commission may supervise contracts affecting a division of joint rates is when an excessive division operates as a rebate to a shipper by reason of his ownership of the railroad receiving such exorbitant share of the joint rate. That the approval of the Commission is not necessary to the legal consummation of the proposed agreement.

No. 262.

FRANKE GRAIN CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a dealer in grain at Milwaukee, filed a complaint on March 7, 1908, alleging that the respondent refused to establish transit accounts with the petitioner; that such refusal was an unjust discrimination against the petitioner and prevented the petitioner from successfully competing with grain receivers and shippers who enjoyed such transit account privileges. The matter was set for hearing April 14, 1908. On April 9 the Commission received a letter from the petitioner, stating that it believed the controversy could be settled direct and asking that the complaint be withdrawn.

No. 263.

PAUL GOSZ

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted April 14, 1908. Decided April 23, 1908.

George C. Hume for petitioner.
William Ellis for respondent.

A petition demanding the establishment of a flag station at Lime Kilns, a point between Hayton and New Holstein, stations on the Superior division of the Chicago, Milwaukee & St. Paul Ry.

Held: That because of the absence of established business enterprises, except the lime kilns, at the point at which the establishment of the flag station is demanded, and the relatively

short distance to a regular station at which an agent is maintained and the customary kinds of business transacted, sufficient cause for the compulsory establishment of a flag station has not been shown to exist. Complaint dismissed.

No. 264.

O. F. TATE

vs.

CHICAGO, BURLINGTON & QUINCY R. R. Co.

Submitted April 14, 1908. Decided April 24, 1908.

Petitioner in his own behalf.
Woodward & Lees for respondent.

Petition alleging inadequacy of the passenger service at Cassville, Wis., and unjust discrimination in the operation of certain trains, and also a violation of the speed limit. Concessions in the operation of one of the trains involved in the petition, materially improving the service, were made by the respondent company at the hearing. The allegation of unjust discrimination in the operation of certain trains was found to rest upon misapprehensions regarding certain facts with respect to the speed limits. Ch. 595, Laws of 1907, is declared to have superseded sec. 1809a, Statutes of 1898.

Held: That under all the facts and circumstances disclosed, the passenger service is reasonably adequate. Complaint dismissed.

No. 265.

FRANK CARTER Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner, a manufacturer and dealer in lumber, etc., at Menomonie, filed a complaint on March 20, 1908, praying for a refund for an alleged overcharge on certain shipments of lumber from Menomonie to Chippewa Falls. The complaint was later withdrawn by the petitioner.

No. 266.

B. B. GREEN

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner deals in lumber and operates a mill near Curtiss, Wis. On March 20, 1908, he filed a complaint alleging that he does considerable shipping from Curtiss station and that it would be a great convenience to him, as well as to the public in general, if a telephone were installed in the depot at Curtiss. An amended complaint was filed on May 6, 1908. On May 22 a letter was received from the respondent, stating that it had ordered a telephone installed at said station, thus satisfying the complaint.

No. 267.

KILBOURNE ADVANCEMENT ASS'N ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The Kilbourn Advancement Association joined with the mayors of Mauston and Camp Douglas in a complaint filed March 26, 1908, alleging that the respondent did not furnish adequate and necessary passenger service to the residents of Kilbourn City and other stations along its La Crosse division. The hearing was held on May 12, 1908, J. F. Dougherty appeared for the petitioners and William Ellis for the respondent. Following the hearing, the respondent placed a new train on this division, thus making the service satisfactory to the petitioners.

No. 268.

KEOGH EXCELSIOR MANUFACTURING CO.

JOHN W. KEOGH

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The above petitioners, engaged in the manufacture of excelsior and wood wool at Soldiers Grove and other points in the state, filed two complaints on April 1, 1908. One of them related to the rates on bolts, and the other to the rates on

excelsior and wood wool. In both cases the allegation was, that the rates were excessive and discriminatory. The hearings were held on May 13, 1908, and the arguments were heard on June 18. The decision of the Commission was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 269.

MILLER-MYERS IMPLEMENT CO.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, engaged in handling fuel at Stanley, filed a complaint on April 4, 1908, alleging that the rates in effect on hard and soft coal from Ashland to Stanley, on the line of the respondent, were unfair and unjust and discriminatory as compared with the rates in effect from Ashland to Chipewewa Falls and Eau Claire, such rates being lower than the rates from Ashland to Stanley, an intermediate point. On April 15, 1908, a letter was received from the petitioner, requesting that the complaint be withdrawn.

No. 270.

W. J. CALLENDAR

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a druggist residing at Union Grove, filed a petition on April 2, 1908, alleging that the respondent refused to furnish telephone connection with its depot at Union Grove, to the inconvenience of the petitioner and the public. The hearing was held on May 11, 1908, J. T. Gittings appearing for the petitioner, and William Ellis for the respondent. At such hearing the respondent agreed to install a telephone at said depot, thus satisfying the complaint.

No. 271.

H. E. HINE ET AL.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioners, residents of the village of Cadott, filed a complaint on April 10, 1908, complaining of the refusal of

the respondent to install a telephone in its depot at Cadott. The respondent, by way of answer, stated that it had ordered the telephone installed, thus satisfying the complaint.

No. 272.

PLOWRIGHT & MENZIES

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted May 12, 1908. Decided June 17, 1908.

George G. Sutherland for petitioner.

S. A. Lynde for respondent.

In the complaint in this case it is alleged, among other things, that the respondent refused to place a car loaded with coal consigned to the petitioners on the track at the petitioners' coal shed to be there unloaded; that two such cars of coal routed over the lines of another railway company had been taken away from the said track by the respondent before the coal had been unloaded from these cars. Upon hearing and investigation it was found: that the above car was not placed for unloading because the petitioner, as required to do by respondent's agent, refused to call at the office of the said respondent and there pay the freight charges before the car was placed, such requirement being contrary to the practices in the past, and imposed only because the petitioners declined to pay demurrage charges for the time certain cars of coal had been so placed that they could not be reached for unloading; that the two cars of coal, which were taken away from the petitioners' shed before their unloading had been completed, were so taken away because the agent of the respondent held that the petitioners, by delivering a team load of coal direct from these cars to a customer, had violated the rules in the switching tariff and were therefore not entitled to the privileges of unloading the cars in question; that the respondent's agent had issued instructions to the effect that the petitioners would no longer be permitted to use the track in front of their shed for the purpose of unloading their coal, thus depriving said petitioners of all trackage facilities to their warehouse. These instructions were based on the facts that the track in question was

neither a private side track, nor a team track; that it was only a belt line serving such side and team tracks, and that to use it for unloading of cars was dangerous and tended to retard the traffic over it.

Held: 1. That, under the circumstances which prevail in this case, it would hardly seem proper for this Commission to endeavor by an order to straighten out the dispute over the matter as to whether the freight charges should be paid on the delivery of the freight, which had arisen between the parties in this case, and which appear to be of a personal nature.

2. That the delivery of coal by wagon direct from the car to customers, while said car was being unloaded into the warehouse of the petitioners, when such delivery did not materially interfere with or delay said unloading into the warehouse, did not, under any circumstances, appear to constitute team track delivery or to be in violation of the rules in the switching tariff, which, in effect, prohibit such deliveries from cars routed over some other line of road.

3. That the track located on River street in front of the warehouse or coal shed of the petitioners, and which has been used by them for the unloading of freight, does not appear to be either a team track or a private side track, but rather a sort of a belt line over which such tracks are served, and that in view of these and other facts and of the conditions generally which apply in this case, it appears to us that under the laws of this state the respondent cannot be required to permanently permit said belt line to be used as an ordinary team or side track.

No. 273.

F. P. WILBUR

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

The petitioner, president of the Wilbur Stock Food Co. of Milwaukee, filed a complaint on April 14, 1908, alleging that the rates charged by the respondent on sand and gravel, from Palmyra to Milwaukee, were excessive and prohibitory and discriminatory as compared with rates in effect on the same commodity between other points and rates in effect on similar commodities. Prior to the time of hearing, the matter was adjusted between the parties.

No. 274.

C. A. CALKINS ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

C. A. Calkins, a traveling salesman residing at Milwaukee, and W. F. Hurtgen, president and treasurer of the Advance Bedding Co. of La Crosse, filed a complaint on April 18, 1908, alleging that the passenger train service on the La Crosse division of the respondent was inadequate to serve the needs of the public. The hearing, which was held on May 12, 1908, resolved itself into a conference between the petitioners and William Ellis, commerce counsel for the respondent, and resulted in the respondent installing an additional passenger train on said division.

No. 275.

EDWARD HINES LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Decided May 29, 1908.

Petition alleging that, through delay on the part of the respondent in furnishing cars, the petitioner was unable to ship the required minimum number of cars per day to entitle it to the minimum tariff rate; that the rate charged was exorbitant and unusual. Respondent admits allegations of petition.

Held: That train load rates are not to be encouraged; that the rate exacted in this case is unusual and exorbitant; refund ordered.

No. 276.

JOSEPH DENNIS

vs.

KEWAUNEE, GREEN BAY & WESTERN R. R. CO.

The petitioner, a farmer residing near the village of Summit, Brown county, Wisconsin, filed a complaint on May 5, 1908, to the effect that the respondent does not maintain a station at Summit, and alleging that the amount of traffic which would result from the establishing of such station, and

the convenience of the public demand that such station be erected and an agent placed in charge. The hearing was held on June 18, 1908. J. W. Reynolds appeared for the petitioner and F. Seymour for the respondent. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 277.

CHIPPEWA LUMBER & BOOM CO.

VS.

WISCONSIN CENTRAL RY. CO.

The petitioner, engaged in the manufacture of lumber at Chippewa Falls, filed a complaint on May 9, 1908, alleging excessive charges on certain shipments of saw logs, and praying for a refund. The case was submitted on the pleadings and the correspondence of the parties relating to the claim. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 278.

A. TROSTEL & SONS

VS.

WISCONSIN CENTRAL RY. CO.

The petitioners are engaged in the business of conducting a tannery in the city of Milwaukee, and on May 12, 1908, filed a complaint alleging that the freight rates charged by the respondent on certain shipments of tan bark were excessive and discriminatory, for the reason that the petitioners in shipping same were unable to reach the required minimum weight, such minimum being excessive and unreasonable. This complaint was later withdrawn, for the reason that the charges complained of had not been paid by the petitioners. Under the provisions of the statutes the charges must be paid in order to give the Commission jurisdiction. The charges were paid by the petitioners and later a new complaint was filed.

No. 279.

CITY OF MILWAUKEE

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, by John T. Kelley, the city attorney, filed a complaint on May 14, 1908, alleging that the rates charged by the respondent for transportation over its lines in the city of Milwaukee are excessive, unjust and unreasonable. This complaint is being handled in connection with several other complaints involving the rates and service of the respondent, and the entire matter is pending before the Commission.

No. 280.

G. L. DYER

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a manufacturer and dealer in ice cream at Fall River, filed a complaint on May 13, 1908, alleging that the respondent failed to furnish adequate passenger train and express service to the village of Fall River, and praying that certain interstate trains be ordered stopped at said station. The hearing was held on June 18, 1908, E. E. Brossard appearing for the petitioner and William Ellis for the respondent. The decision in the case was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 281.

MENASHA WOODEN WARE CO.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner is engaged in the manufacture of wooden ware at Menasha. On May 16, 1908, it filed a petition with the Commission alleging that the respondent had charged and collected an exorbitant rate on certain shipments of logs, and praying that a refund be ordered. The case was submitted upon the pleadings, tariffs, vouchers and papers on file. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 282.

ERLAND ELBERTSON

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner, a dealer in coal in the city of Augusta, filed a complaint on May 23, 1908, alleging that the rates charged by the respondent for the transportation of coal from Superior to Augusta were unreasonably high and discriminatory. The hearing was held on June 18, 1908, Ira B. Bradford appearing for the petitioner and H. M. Pearce appearing for the respondent. The decision in this case was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 283.

H. H. WEBB PRODUCE Co.

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioner, a wholesale dealer in butter and eggs at Reedsburg, filed a complaint on May 28, 1908, alleging that the respondent had withdrawn its concentration rates on butter and eggs, thus greatly increasing the rates which the petitioner was obliged to pay in order to concentrate said commodities at Reedsburg; that said advances in rates were unjust and unreasonable and amounted to a discrimination in favor of certain competitors of the petitioner. The prayer of the complaint was, that the said concentration rates be ordered restored. The hearing was held on June 18, 1908, H. H. Webb appearing for the petitioner and H. C. Cheyney for the respondent. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 284.

T. H. COCHRANE Co.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

The petitioner is operating a wholesale produce business at Portage. On May 28, 1908, it filed a complaint relating to

the concentration rates on butter and eggs, similar to that filed in No. 283, and the cases were considered together and decided on the same date.

No. 285.

TIBBITS-CAMERON LUMBER CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner has its principal office in Milwaukee and operates a lumber yard at South Milwaukee. On June 2, 1908, it filed a complaint alleging that the rates on lumber from Sayner and Hixon, located on the line of the Chicago, Milwaukee & St. Paul Ry. Co., to South Milwaukee, located on the line of the Chicago & North Western Ry. Co., were excessive and unjust, and praying that a joint rate be put in effect that would be less than the sum of the two locals, or that the Chicago & North Western Ry. Co. put in effect a switching charge from Milwaukee to South Milwaukee, a distance of twelve miles. The hearing in this case resolved itself into a conference between the parties. The petitioner later requested that the complaint be withdrawn.

No. 286.

In re RULES TO GOVERN THE INSTALLATION OF TELL TALES OR
WARNING SIGNALS FOR THE PROTECTION OF TRAINMEN
AGAINST OBSTRUCTIONS OVER RAILROAD TRACKS

Under the provisions of ch. 348, Laws of 1905, and sec. 36, ch. 362, Laws of 1905, it is made necessary for the Commission to adopt formal rules to govern the installation of tell tales or warning signals wherever bridges, tunnels or other obstructions over railroad tracks may be a menace to the safety of trainmen. Pursuant to said laws, the Commission carried on an extensive investigation of the subject and held a public hearing on June 18, 1908, at which were present representatives of a number of the leading railroads of the state. The rules were adopted and published subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 287.

GEORGE W. LUFKIN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner resides at Eau Claire and operates two groups of gardens near the city. On June 9, 1908, he filed a complaint, through his attorney J. F. Ellis, praying that the respondents be ordered to put in effect a through rate from Lufkin's Siding, via Eau Claire, to Superior. Under the provisions of the statute, twenty days must elapse from the filing of the complaint to the time of the hearing, unless the parties, through special arrangement, agree to a shorter time. In this instance the parties were unable to agree to a shorter time, and as at the expiration of the twenty days the necessity for the rate would cease, the complaint was abandoned for the time being.

No. 288.

NEW RICHMOND ROLLER MILLS Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner is engaged in the business of milling and dealing in grain at New Richmond. On June 12, 1908, it filed a complaint alleging an overcharge on a shipment of a mixed carload of grain from Knapp to New Richmond. The hearing was held and the decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 289.

S. K. HARRISON

vs.

DUNBAR & WAUSAUKEE RY. Co.

The petitioner, a farmer residing in the town of Commonwealth, Florence county, Wisconsin, filed a petition on June 24, 1908, alleging that the rates charged by the respondent for the transportation of cord wood from Fence to Grand Junction were exorbitant and prohibitory. The hearing was held and the decision was rendered subsequent to June 30, 1908. See Vol. 2 of the Decisions of the Commission.

No. 290.

UPHAM & RUSSELL Co.

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioner is engaged in the general merchandise business at Shawano. On June 26, 1908, it filed a complaint alleging an overcharge made by the respondent on a shipment of flour and mill stuffs from Minneapolis, Minn., to Shawano, Wis. As the alleged overcharge related to an interstate shipment, the matter was not under the jurisdiction of the Commission. The case was taken up informally with the respondent, but no settlement could be reached, and it was referred to the interstate commerce commission.

No. 291.

H. W. BROWN

vs.

JANESVILLE STREET RAILWAY Co.

The petitioner, a resident and alderman of the city of Janesville, filed a complaint on June 24, 1908, alleging that the respondent failed to operate its cars over a certain portion of its system in the city of Janesville. A notice of hearing was issued. At the request of the city attorney of Janesville, who appeared for the petitioner, the matter is being held open, pending settlement.

PART III.

Formal Complaints and Valuation Cases Involving Public Utilities.

No. 1.

E. E. PAYNE ET AL.

VS.

WISCONSIN TELEPHONE CO.

Petition filed July 10, 1907, signed by E. E. Payne and fifty-six other citizens and property owners of the city of Marinette, alleging that the respondent, the Wisconsin Telephone Co., which operates a local exchange in Marinette, had recently on several occasions raised its schedule of rates, and had announced a further raise to take effect Aug. 1, following; that the rates so made and announced were extortionate and unreasonable. The petition involving the rates charged by the respondent, it was necessary for the Commission to ascertain the physical valuation of the respondent's system at Marinette. Such valuation was made by the engineers of the Commission and submitted in tentative form on Dec. 28, 1907.

Hearings on the complaint and on the valuation were held on Feb. 13 and Apr. 10, 1908. H. R. Goldman and E. W. Leroy appeared for the petitioners, and Miller, Mack & Fairchild for the respondent. Arguments were heard on April 8, 1908. The case is still pending before the Commission.

No. 2.

STATE JOURNAL PRINTING CO. ET AL.

VS.

MADISON GAS & ELECTRIC CO.

Complaint was filed on July 12, 1907, signed by the State Journal Printing Co. and twenty-eight other residents, firms

and corporations of the city of Madison, alleging that rates for gas charged by the respondent were excessive and unreasonable; that the gas furnished by the respondent was insufficient for the reason that the respondent adulterated the gas furnished, by mixing therewith an amount of nitrogen, ranging from 10 to 20 per cent. The proceedings in this case were had and the hearings held in connection with an application of the respondent for authority to equalize and increase certain rates for service, thus bringing before the Commission the questions of rates, service and valuation of the physical property of the respondent. By reason of the time necessarily consumed by the engineers of the Commission in obtaining the valuation of the physical property of the respondent, the first hearing was not commenced until Feb. 20, 1908. Emerson Ela appeared for the petitioners, J. A. Aylward for the city of Madison, and Olin & Butler and E. S. Mack appeared for the respondent. Several subsequent hearings were held, also conferences between representatives of the respondent and the engineers and experts of the Commission, and arguments heard. The case is still pending before the Commission.

No. 3.

In re APPLICATION OF THE LA CROSSE GAS & ELECTRIC CO. FOR
AUTHORITY TO INCREASE RATES

Submitted Aug. 16, 1907. Decided Sept. 19, 1907.

D. G. MacMillan and P. M. Gelatt for petitioner.
No appearance in opposition.

The La Crosse Gas & Electric Co. applied for authority to increase its rates for electric light and power, alleging that because of competitive conditions the rates in effect April 1, 1907, and which were made the legal rates by ch. 499, Laws of 1907, had been reduced below a remunerative basis.

Held: That the rates in effect April 1, 1907, and which are the rates now charged for electric current and installations, are unreasonably low, being barely sufficient to meet operating expenses, rentals and taxes, leaving little or nothing for depreciation and interest on the investment.

That for this reason the rates so charged should be increased as provided by the within order. It being understood that the

rates herein prescribed are subject to any revision that upon further investigation may be deemed necessary when the property devoted to the service in question has been valued.

The following is a copy of the order:

IT IS THEREFORE ORDERED, That the petitioner in this case, the La Crosse Gas & Electric Company, in lieu of the rates it now charges for electric current for lighting and power shall substitute the following maximum rates:

Lighting Rates.

The service charge on all lighting and installations shall be one dollar and eighty cents per year per sixteen candle power lamp, or equivalent demand, on one-third of connected installation, or when one-third of connected installation is considered to be the demand.

The meter rate for a consumption equivalent to sixty hours or less per month for each installation shall be seven and one-half cents per kilowatt hour.

The meter rate for a consumption equivalent to more than sixty hours per month per each installation shall be six cents per kilowatt hour.

The meter rate for "Patrolled Service"—or for signs and other installations with fixed hours of use—shall be five cents per kilowatt hour.

Power Rates.

The service charge shall be twenty-seven dollars per year per horse power demanded.

The meter rate for less than five hours per day per horse power demanded shall be five cents per kilowatt hour.

The meter rate for over five hours, but not exceeding ten hours per day per horse power demanded shall be three cents per kilowatt hour.

The meter rate for over ten hours per day per horse power demanded shall be two cents per kilowatt hour.

No. 4.

In re APPLICATION REEDSBURG TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES

Application filed on Aug. 16, 1907, praying for authority to increase the rates of the applicant for telephone service from a flat rate of \$1.00 per month to the following:

One party residence.....	\$1.25
Two " "	1.00
One " business	1.50
Two " "	1.25

Also for authority to increase certain toll rates from 10 to 15 cts.; that such increase in rates was warranted for the reason that the applicant was increasing the efficiency of its system and adding to its investment by changing from a grounded system to a full metallic system and installing long distance transmitters and receivers.

The hearing was held on Sept. 3, 1907. E. G. Stolte appeared for the applicant company and C. H. Stone, city attorney, and William Hahn, city clerk, appeared for the city of Reedsburg. The representatives of the city did not oppose the increase in rates.

After careful examination of the investment, operating expenses and revenues of the applicant company, an order issued on Sept. 6, 1908, authorized the increase in rates in the city of Reedsburg as set forth in the application, and authorizing an increase from 10 cts. to 15 cts. in the toll rates from Reedsburg to La Valle, Logansville, Ironton, Lime Ridge and Hill Point.

No. 5.

In re APPLICATION MENOMONEE FALLS TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES

Application filed on Aug. 23, 1907, for authority to increase rates, for the reasons that the company had greatly increased its telephone service by building new lines, by the installation of an improved switch board, the putting into effect of a continuous service in place of a six days a week, fourteen hours a day service, thereby increasing the cost of the service and the amount of the investment.

The hearing was held on Sept. 3, 1907. No one appeared for the applicant company. Messrs. Campbell, Foster, Rinteman and Baird, residents of Menomonee Falls, appeared at the hearing and stated that there was no opposition to the proposed raise in rates, provided the company furnished good service.

After considering the testimony and the financial and other statements furnished by the applicant company, an order issued, on Nov. 22, 1907, authorizing the applicant company to put in effect the following schedule of rates:

Business telephones, party line.....	\$1.25
Business " one party line.....	1.75
Residence " in village, party line.....	1.00
Residence " in village, one party line...	1.50
Rural "	1.00

TOLL CHARGES:

Non-subscribers within incorporated limits of vil- lage, each contact.....	\$0.05
Non-subscribers over all other lines belonging to the company.....	.10
Non-subscribers over all connecting lines, each contact .....	.10
Other line charge, long distance over rural lines	.05

No. 6.

In re APPLICATION COLBY TELEPHONE CO. FOR AUTHORITY TO IN-
CREASE RATES.

Application filed on Aug. 30, 1907, praying for authority to increase its telephone rates, on the grounds that the existing rates were too low for the amount and character of the service rendered. The schedule in effect was as follows:

Business telephones.....	\$1.50 per month
Residence "	1.00 " "
Rural "	1.25 " "

The hearing was held on Oct. 15, 1907. No appearance was made on the part of the applicant. The mayor of Colby, H. Neumeister, appeared in opposition. A remonstrance against the granting of the application was filed later, signed by a number of subscribers of the applicant. Owing to the opposition which developed among the patrons of the company, the application was withdrawn.

No. 7.

In re APPLICATION OF THE FOX RIVER MILLING & POWER CO. FOR
AUTHORITY TO INCREASE RATES.

Submitted Sept. 17, 1907. Decided Dec. 2, 1907.

Joseph Chandler for applicant.
No appearance in opposition.

The applicant applied for authority to change a part of the rates it had in effect, on the ground that many of these rates

were unequal or discriminatory as between the customers served. Upon analyzing the financial and operating statistics of the company, and such other facts as were available and could be obtained, it was found that there were good reasons why the rates should be readjusted.

Held: That the applicant may discontinue the rates now in effect, and in lieu thereof, substitute the rates given in the order in this case.

The order was as follows:

THE APPLICANT, the Fox River Milling & Power Company, until otherwise ordered, IS THEREFORE AUTHORIZED to discontinue its present system of rates for electric current or lighting, and in lieu thereof institute the following schedule of rates:

For sixty hours or less per month the rates shall be eleven and one-half cents per kilowatt hour.

For one hundred twenty hours, but more than sixty hours, per month the rate shall be eight and one-half cents per kilowatt hour.

For more than one hundred twenty hours per month the rate shall be seven and one-half cents per kilowatt hour.

Or, if for local reasons it should not be deemed advisable to put these rates into effect, the applicant may institute a rate of ten cents per kilowatt hour in lieu of all other rates.

In either case a discount of ten per cent may be allowed when the bills for the preceding month are paid on or before the third day of the succeeding month.

No. 8.

In re APPLICATION OF J. L. BALL FOR AUTHORITY TO INCREASE TELEPHONE RATES.

Submitted Sept. 10, 1907. Decided Nov. 25, 1907.

J. L. Ball in his own behalf.

E. G. Herrell and A. F. Warren in opposition.

Petition for authority to increase telephone rates at Augusta, Wis. The testimony extended to questions of the quality of service, especially with reference to house connections, soldering connections at exchange poles, the capacity and efficiency of operators, and induction alleged to be caused by carrying light and telephone wires on the same pole. These matters are discussed herein. A valuation of the entire property devoted to the public service by the applicant at Augusta, Wis., was made by the Commission and the same is published

herein. The revenues and expenditures of the business are also considered.

Held: That the advance in telephone rates applied for is just and reasonable, and authority to put the same into effect is granted.

The order in this case was as follows:

IT IS THEREFORE ORDERED, That J. L. Ball be and he hereby is authorized to charge \$1.25 a month for business telephones and \$1.00 a month for residence telephones in the operation of his telephone plant at Augusta, Wisconsin.

The physical valuation of the property of the applicant, actually used and useful for the convenience of the public, as determined by the Commission, is as follows:

CLASSIFIED SUMMARY, PHYSICAL VALUATION.

As of September 15, 1907.

LIGHT AND TELEPHONE PROPERTY OF MR. J. L. BALL, AUGUSTA, WIS.

CLASSIFICATION.	TELEPHONE.		LIGHT.		PUMPING.		TOTAL.	
	New.	Exist- ing condi- tion.	New.	Exist- ing condi- tion.	New.	Exist- ing condi- tion.	New.	Exist- ing condi- tion.
1. Land	\$155	\$155	\$95	\$95	\$15	\$16	\$265	\$265
2. Central station equipment.	547	546					547	546
3. Telephone and Appliances.	4,035	3,583					4,035	3,588
4. Distribution System	7,226	5,576	2,877	2,297			10,103	7,873
5. Power plant equipment			5,445	3,714	853	576	6,304	4,290
6. Building and miscellaneous structures	1,965	1,965	3,408	2,351	537	371	5,910	4,087
7. Office furniture and appli- ances	10	10	65	49			75	59
8. Tools	40	27	170	85			210	112
9. Miscellaneous								
Total of items 1-9	\$13,978	\$11,867	\$12,060	\$8,591	\$1,438	\$932	\$27,446	\$21,420
10. Add 10 per cent (See note below)	1,398	1,187	1,206	859	141	96	2,745	2,142
Total of items 1-10	\$15,376	\$13,054	\$13,266	\$9,450	\$1,549	\$1,058	\$30,191	\$23,562
11. Stores and Supplies	491	479	885	885			1,386	1,364
Total of items 1-11	\$15,867	\$13,533	\$14,151	\$10,335	\$1,549	\$1,058	\$31,567	\$24,926

NOTE.—Item 10 includes: Superintendence, interest during construction, and contingencies.

No. 9.

In re APPLICATION OF THE MERRILL RAILWAY AND LIGHTING CO.
FOR AUTHORITY TO CHANGE ITS RATES FOR ELECTRIC LIGHT-
ING.

Submitted Sept. 17, 1907. Decided Dec. 10, 1907.

A. H. Reid for Applicant.
F. L. Smith for City of Merrill.
R. E. Smith for Lincoln County.

The applicant desired to change certain rates for commercial lighting and current, on the ground that the present rates were experimental only and were not properly adjusted as between short and long hour consumers. Investigation showed that this was in the main in full accordance with the facts. The applicant was therefore authorized to adopt either the rates applied for or certain other rates which were computed by the Commission and which are given in table VII herein.

The order in this case was as follows:

THE APPLICANT in this case, the Merrill Railway and Lighting Company, until otherwise ordered, IS THEREFORE AUTHORIZED to discontinue its present rates for commercial lighting and for current for power and to substitute therefor, either the rates given under "Class A.—All Commercial"—and under "Class C—Motors" in the application, as stated above, or the rates which are given in "table VII" above.

IT IS FURTHER AUTHORIZED to institute a minimum charge of one dollar per month for all consumers.

IT IS ALSO AUTHORIZED, if it deems it advisable to do so, to discontinue all of the rates which are now in effect and to substitute therefor the rates in said "table VII" above.

Class A. All commercial lighting. Rate 1, 30 cts. per mo. per unit and 2 cts. per kw. hr. Rate 2, 20 cts. per mo. per unit and 3 cts. per kw. hr. Rate 3, 10 cts. per mo. per unit and 5 cts. per kw. hr.

Class C. Motors.—Rate 1—C, \$1.00 per mo. per horse power and 1 ct. per kw. hr. if ten h. p. or more, 2 cts. per kw. hr. if less than ten h. p. Rate 2—C, 50 cts. per mo. per h. p., and 3 cts. per kw. hr. Rate 3—C, 25 cts. per mo. per h. p. and 5 cts. per kw. hr. One-third h. p. or less and flat-irons at lighting rates.

Table VII.

1.33 kw. hr. per day.....	9.60 cents per kw. hr.			
1.66 " " " "	7.80 " " " "			
2.00 " " " "	6.60 " " " "			
2.33 " " " "	5.70 " " " "			
2.66 " " " "	5.10 " " " "			
3.00 " " " "	4.60 " " " "			
4.00 " " " "	3.60 " " " "			
5.00 " " " "	3.00 " " " "			
6.00 " " " "	2.60 " " " "			
7.00 " " " "	2.30 " " " "			
8.00 " " " "	2.20 " " " "			
10.00 " " " "	1.80 " " " "			

No. 10.

In re APPLICATION OF THE ALMA ELECTRIC LIGHT CO. FOR AUTHORITY TO INCREASE RATES.

Submitted Oct. 20, 1907. Decided Dec. 3, 1907.

No appearances.

Application was made for authority to change the meter rates, on the ground that these rates were unsatisfactory and unequal. From the facts presented it appeared that there were good reasons why these rates should be readjusted.

Held: That the applicant is authorized to discontinue the meter rates now in effect and to substitute therefor the rates given in the order in this case.

The order in this case was as follows:

THE APPLICANT, the Alma Electric Light Company, until otherwise ordered, IS THEREFORE AUTHORIZED to discontinue its present meter rate of eight cents per kilowatt hour, and to substitute therefor a meter rate of ten cents per kilowatt hour, with discount on monthly bills of 10 per cent when the bill amounts to \$5.00 per month; 20 per cent for \$10.00 per month; 30 per cent for \$15.00 per month; and 40 per cent when the bill is \$20.00 per month.

No. 11.

In re APPLICATION OF THE BROADHEAD TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Sept. 1, 1907, praying that the applicant be allowed to equalize and increase its rates for telephone service, on the grounds that the existing schedule was discriminatory. The hearing was held on Sept. 17, 1907,

A. S. Moore appeared for the applicant and no one appeared in opposition.

On Nov. 13, 1907, the decision was rendered and the following is a copy of the order therein:

NOW, THEREFORE, IT IS ORDERED, That the following shall be the lawful schedule of rates to be charged by said Brodhead Telephone Company, subject to future orders of this Commission:

For use of a business telephone in the city.....	\$1.50 per mo.
For use of a residence telephon in the city.....	1.00 per mo.
For use of a residence telephone in the country.....	1.25 per mo.

No. 12.

In re APPLICATION OF SECTION 1797m—91, CHAPTER 499 OF THE LAWS OF 1907, TO A CERTAIN CONTRACT OF THE BRODHEAD TELEPHONE CO.

Decided Nov. 27, 1907.

Discussion of the question as to whether a telephone company is obliged to continue in force a contract, indefinite in term, wherein the rates for service are less than the schedule of rates established by order of the Commission.

Held: That sec. 1797m—91, ch. 499, Laws of 1907, applies to valid existing contracts providing for the rendering of services for a fixed period; that it does not apply to contracts amounting to indefinite subscription agreements which may be terminated by either party on sufficient notice.

No. 13.

In re APPLICATION WATSON HEATING CO. FOR AUTHORITY TO INCREASE RATES.

Application filed Sept. 7, 1908, by the Watson Heating Company of Marinette, praying for authority to increase its schedule of rates for heating, on account of the increased cost of producing steam.

Investigations have been carried on by the Commission and the engineers of the Commission have examined the plant of the applicant. The application is still pending.

No. 14.

In re APPLICATION MUNICIPAL LIGHTING CO. OF THE CITY OF
STOUGHTON FOR AUTHORITY TO INCREASE RATES.

Application filed on Sept. 16, 1907, by the city of Stoughton, praying that its schedule of rates for electric current be revised, and a sliding scale of charges be put in effect, in order to bring the rates strictly under the law. Such scale would increase the rates to some consumers.

The hearing was held on Sept. 24, 1907. G. W. Becker, mayor of Stoughton, appeared for the city, and no one appeared in opposition to the application.

The case is still under consideration by the Commission.

No. 15.

LORENZ & LORENZ ET AL.

vs.

WISCONSIN TELEPHONE CO.

This petition was filed on Sept. 28, 1907, and was signed by forty-two professional and business firms and individuals of the city of Milwaukee. It alleged that for more than one year past the telephone service of the respondent in the city of Milwaukee had been poor, insufficient, inadequate and unreliable; that the scale of wages paid by the respondent to its employes offered no inducement to skilled operators and resulted in the employment of young, inexperienced and untrained help, that by reason of the above mentioned condition the petitioners were subjected to unreasonable, unwarranted and annoying inconveniences, resulting in great losses of time and patience, and in many cases losses of business.

The hearings were held at Milwaukee during November and December, 1907, and the argument was heard at Madison on May 18, 1908. Lorenz & Lorenz appeared for the petitioners and Miller, Mack & Fairchild for the respondent. The testimony taken was very voluminous, nearly one hundred and fifty witnesses being examined. Extended investigations were carried on by the Commission and a large amount of data secured. The decision was rendered subsequent to the date of this report and will be found in the third volume of the Decisions of the Commission.

No. 16.

CITY OF MANITOWOC

vs.

ELECTRIC LIGHT CO.

Petitioner, by A. L. Hougan, its city attorney, filed a complaint on Oct. 7, 1907, alleging that the rates charged by the respondent for municipal and commercial lighting in the city of Manitowoc were unreasonable and excessive; that the equipment of the respondent was insufficient to furnish adequate electric service.

The hearing in the case was postponed to enable the engineers of the Commission to make a physical valuation of the property of the respondent. The case is still pending.

No. 17.

In re APPLICATION MICHIGAN STATE TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed Oct. 14, 1907, by the Michigan State Telephone Co., a corporation organized under the laws of the state of Michigan and operating telephone lines and exchanges in the extreme northeastern part of the state of Wisconsin, praying for authority to discontinue all night rates and charge day rates on all night messages originating and terminating at Florence, Niagara and Spread Eagle, Wis.

The application was set for hearing for Oct. 31, 1907, and notice of such hearing, together with a copy of the application, was sent to a number of interested parties. On the date of the hearing no one appeared for or against the granting of the application, and on Nov. 19, 1907, authority was issued to the company as prayed.

No. 18.

T. J. CUNNINGHAM ET AL.

vs.

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Petition filed on Oct. 16, 1907, signed by twenty-seven persons, firms, corporations and associations of the city of Chippewa Falls, alleging that the rates, tolls and charges exacted

by the respondent of its customers in the city of Chippewa Falls for the furnishing of water, electric power, light and gas, were excessive and unreasonably high. This petition was heard in connection with an investigation on motion of the Commission, of an unlawful raise in rates on the part of the respondent. See No. 31. These proceedings involved all questions relating to the rates and service of the respondent and a valuation of its property. This valuation was made by the engineers of the Commission. The first hearing was held on Feb. 19, 1908. Miner & Elver appeared for the petitioners and L. J. Rusk and W. M. Bowe for the respondent. Subsequent hearings were held and investigations carried on by the Commission. The case is still pending.

No. 19.

CITY OF RIPON

vs.

RIPON LIGHT & WATER Co.

The petitioner, by A. E. Dunlap, its city attorney, and by order of its common council, filed a petition on Oct. 24, 1907, alleging that the rates charged by the respondent for water, electric power and gas for municipal and commercial use in the city of Ripon, were excessive and unreasonable; that the water pressure was often inadequate, especially for fire protection, and that the gas was of poor quality for lighting and of insufficient pressure for heating.

This case necessitated a valuation of the property of the respondent, which was made by the engineers of the Commission; also investigations of the service which were made by the experts of the Commission.

The hearings were held and arguments heard in connection with those on the valuation of the property. The first hearing was commenced on May 28, 1908. Doyle & Hardgrove represented the petitioner and George Lines the respondent. Various hearings and conferences were held subsequent to that date, and the cases are still under consideration by the Commission.

No. 20.

GEO. W. HILL ET AL.

vs.

ANTIGO WATER CO.

The petition in this case was signed by twenty-six residents of the city of Antigo and was filed on Oct. 9, 1908. It alleged that the rates charged by the respondent for furnishing water to the petitioners were unreasonable, unjust and discriminatory, and that the service furnished was inadequate. The answer of the respondent was a general denial of the allegations of the petition.

A valuation of the property of the respondent was involved, which was made by the engineers of the Commission. Investigations of the service were also made by the experts of the Commission. In this and other pending cases the questions of service, rates and valuation were raised, which were so similar in nature, that the Commission deemed it desirable to have a full presentation made of a number of important cases in order that the facts might be fully presented and as much data collected as possible. The decisions in all of the cases have therefore been delayed. In the present case a stipulation was entered into by the parties, waiving statutory notice of hearing on the valuation of the property, and hearing was held in connection with the hearing on the complaint. Such hearings were noticed for March 10, May 20, and June 29, 1908, and in each case lasted several days, and the argument was heard later.

John Barnes represented the petitioner and was assisted in the first instance by O. G. Erickson, city attorney, and later by S. J. McMahan, who succeeded Mr. Erickson as city attorney. E. M. Hyzer represented the respondent.

The testimony taken was very voluminous and a large amount of data was accumulated. A preliminary order as to service was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission. The matter of rates and service is still pending.

No. 21.

CITY OF ASHLAND

vs.

ASHLAND WATER Co.

Petition filed on Oct. 29, 1907, signed by E. J. Colignon, city attorney, and by order of the common council of said city, alleging that the rates charged by the respondent for furnishing water in said city for municipal and commercial purposes, were unjust, unreasonable and excessive.

The case was set for hearing for Jan. 21, 1908. The hearing was continued from time to time on stipulation by the parties, awaiting the valuation of the property of the respondent by the engineers of the Commission, and was held on May 25, 1908. A. W. Sanborn and J. T. Colignon, city attorney, appeared for the petitioner, and Tomkins & Tomkins, and Lamoreaux & Shea appeared for the respondent. A deposition was also taken before the secretary of the Commission on June 23, 1908.

The case is still under consideration by the Commission, pending its decision in cases of similar nature.

No. 22.

In re APPLICATION SUPERIOR WATER, LIGHT & POWER COMPANY
FOR AUTHORITY TO INCREASE RATES.

On Oct. 22, 1907, the above named company filed four separate applications praying for authority to increase its rates in the city of Superior for gas, electric current, meter water rates and flat water rates.

A complaint (No. 23) was later filed by the city of Superior against this respondent, alleging excessive rates.

The cases were set for hearing for Sept. 16, 1907. By stipulation of the parties the hearings were continued from time to time, awaiting the valuation of the property of the respondent by the engineers of the Commission, and the cases are still pending.

No. 23.

CITY OF SUPERIOR

VS.

SUPERIOR WATER, LIGHT & POWER COMPANY.

The above named petitioner, by T. L. McIntosh, its city attorney, and George E. Dietrich, its assistant city attorney, filed a petition on Nov. 9, 1907, alleging that the rates charged by the respondent for gas, water and electric service in the city of Superior were excessive, unreasonable and unjust. This case was considered in connection with other proceedings before the Commission involving the respondent, and the hearing was continued from time to time on stipulation of the parties. A hearing was held on May 25, 1908. Thos. E. Lyons, the then city attorney, appeared for the petitioner, and Ross & Dwyer for the respondent. This hearing was continued and the case is still pending.

No. 24.

In re APPLICATION OF THE MEDFORD LIGHT AND HEATING CO. FOR
AUTHORITY TO CHANGE ITS RATES.

Submitted Dec. 10, 1907. Decided June 2, 1908.

Fred Yates for applicant.
No appearance in opposition.

Petition praying for change in its schedule of rates, the rates in effect being inequitable as between consumers, in that in many instances they are the same for short as for long hour users.

Held: That the cost per unit of current is much greater for short than for long hour consumers, and that schedules of rates should be based accordingly; that the petitioner should be authorized to discontinue its present rate schedules and to substitute therefor the rates named in this decision.

In the order the applicant was authorized to put in effect the following schedule of rates:

Commercial Lighting—Midnight service.

Each 32 c. p. lamp	.....	\$1.00	per month
“ 16 “	.....	.50	“ “
“ 8 “	.....	.30	“ “

Commercial Lighting—All night service.

Each 32 c. p. lamp	.....	\$1.50	per month
“ 16 “	.....	.75	“ “
“ 8 “	.....	.50	“ “

Residence Service—All night circuits.

Each 32 c. p. lamp	\$0.75	per month
“ 16 “ .....	.50	“ “
“ 8 “ .....	.30	“ “
“ 4 “ .....	.20	“ “

These flat rates are made with the understanding that lights will be turned off when not needed and that as much care be taken in this respect as if meters were installed. Failure to conform to this will be sufficient reason for the installation of meters. Lamps in residences not to be used continuously all night except at double the above rates.

Meter Rates.

Up to 30,000 watts per month 10 cts. per kw. hr., with a minimum charge of \$1.00 per month.

For more than 30,000 watts, but not more than 50,000 watts per month, 8 cts. per kw. hr., with a minimum charge of \$3.00 per month.

For more than 50,000 watts 6 cts. per kw. hr., with a minimum charge of \$4.00 per month.

No. 25.

In re APPLICATION MADISON GAS AND ELECTRIC CO. FOR AUTHORITY TO MODIFY RATES.

Petition filed on Dec. 11, 1907, alleging that on April 1, 1907, a number of the consumers of electric current in the city of Madison were not charged according to the regular schedule of rates for interior electric lighting, electric signs and electric power, but that in the development of these lines of business special contracts had been made in a large number of cases; that the company, prior to said April 1, 1907, had made certain reductions in its rates for gas and electric service to certain of its employes and officers. Authority was asked to modify and equalize such rates and to put in effect a proposed schedule of rates.

On Feb. 24, 1908, a petition was filed by the city of Madison, through its city attorney, J. A. Aylward, objecting to the proposed schedule of rates as being unreasonable, unjust and excessive. It objected to any change in the existing rates that would increase the rates of any customers of the applicant. The petition further alleged that the electric service of the applicant was deficient and irregular and that its

entire rates for service were excessive and unreasonable and prayed that an equitable schedule of rates be established.

The hearings on this application and the answering petition of the city were held in connection with the hearings on complaint of State Journal Printing Co. et al., No. 2. The matter is still pending.

No. 26.

WISCONSIN ELECTRICAL CONSTRUCTION CO.

vs.

CENTRAL HEATING CO.

Complaint filed on Dec. 16, 1907, by the Wisconsin Electrical Construction Co., a corporation located in the city of Milwaukee, alleging that it had been supplied with steam heat at its place of business by The Milwaukee Electric Railway & Light Co.; that during the preceding month the heating system had been transferred to the Central Heating Co., which company had installed a meter and that thereby its rates had been greatly increased and that such increase was contrary to the provision of the Public Utilities Law.

A complaint, signed as in this instance by one commercial corporation, does not give the Commission jurisdiction. This complaint was superseded by an investigation on motion of the Commission of the rates in question. See case No. 33.

No. 27.

JAMES GORMAN, MAYOR,

vs.

KENOSHA GAS & ELECTRIC CO.

The petitioner, as mayor of the city of Kenosha, and in behalf of the city and its residents, filed a complaint on Dec. 14, 1907, alleging that the rates exacted by the respondent in the city of Kenosha for gas and electric service were unreasonable, unjust and discriminatory. No resolution had been passed by the common council of the city of Kenosha authorizing the filing of the complaint. It was considered as filed by an individual, and therefore did not give the Commission jurisdiction. This omission was later rectified by the passage

of a resolution empowering the mayor to proceed in behalf of the city. The Commission also entered into an investigation on its own motion. See No. 37.

The engineers of the Commission proceeded with the valuation of the property of the respondent and the case is still pending.

No. 28.

D. E. CANTY ET AL.

vs.

ASHLAND LIGHT, POWER & STREET RAILWAY CO.

The petition in this case, filed Dec. 14, 1907, was signed by twenty-five residents of the city of Ashland, and alleged that the respondent was engaged in furnishing gas and electric current to private and public consumers in said city, and that the rates charged for such service were unjust and exorbitant. The complaint necessitated a valuation of the property of the respondent, which was made by the engineers of the Commission.

The hearings have been continued from time to time on stipulation of the parties, and the case is still pending.

No. 29.

CITY OF CHILTON

vs.

WISCONSIN ELECTRIC SERVICE CO.

THE OSHKOSH SAVINGS & TRUST CO.

Submitted Feb. 18, 1908. Decided April 3, 1908.

L. P. Fox for Petitioner.

C. D. Smith for W. E. S. Co.

Petition filed alleging that the respondent lighting company failed to furnish electric light as provided by ordinance, to keep its system in proper repair, and in other respects failed to supply adequate service, and praying that an order be made granting to another utility the privilege of furnishing light. The respondent lighting company is operating under an indeterminate permit. The testimony tended to show that the service rendered was faulty and due to failure to keep the plant in proper repair.

Held: That the Commission is not the proper tribunal to which to appeal to obtain an annulment of the franchise of the respondent lighting company; that the municipal council has ample power under the law to regulate the service of respondent lighting company, to require additions and extensions to its plant, and to provide a penalty for non-compliance with its orders. Petition dismissed.

No. 30.

In re APPLICATION OF THE CHIPPEWA VALLEY RAILWAY, LIGHT, HEAT AND POWER CO. FOR AUTHORITY TO CHANGE ITS RATES.

Submitted Feb. 19, 1908. Decided Mar. 18, 1908.

C. T. Bundy, for Petitioner.
A. C. Larson, for city of Eau Claire.

The petitioner in this case set forth, in substance, that the rates charged for electric current were uneven and badly adjusted generally, and that these inequalities were materially increased by recent enlargements and changes in the plant. These representations were substantiated by the testimony in the case, and by the investigation that was made into the facts. For these reasons it was

Held: That the petitioner should be authorized to discontinue its present rate schedules and to substitute therefor the rates named in this decision.

The order in this case is as follows:

THE PETITIONER herein, the Chippewa Valley Electric Railway, Light and Power Company, until otherwise directed, IS THEREFORE AUTHORIZED to discontinue its present rates and to substitute therefor the following rates:

LIGHTING.

Residence Lighting. In all residences the rate shall be 15 cts. per month for each active connected incandescent unit of 50 watts capacity, or the equivalent thereof, and 3 cts. per kw. hr. for all current consumed by the connected units, whether active or inactive. Active units are lights used or connected for use in the following rooms: main hall, main stairway, parlors, library, dining room, sitting room, living room, kitchen, den, music room, conservatory, butler's pantry, and one light on the second floor. Non-active lights shall include lights used on porches, vestibules, basements, attics, closets, bathrooms, bedrooms, lavatories, wood sheds, stables, back halls, back stairways, and all other rooms not herein otherwise specifically mentioned; provided, this classifica-

tion shall only apply to residences which are equipped for and using electricity exclusively for lighting; and provided further, that in case of such residences the active lights shall not exceed 75 per cent of the total installation. In all other residences all lights shall be deemed active.

Commercial Lighting. Commercial lighting shall include retail and wholesale mercantile establishments, saloons, restaurants, depots and all other consumers not herein otherwise specifically provided for. The rate for commercial lighting shall be 15 cts. per month for each 50 watts connected capacity, or its equivalent, and 3 cts. per kw. hr. for all current consumed; provided, that to all consumers using 20 per cent of their total connected load for window display or advertising purposes 25 per cent. of the full connected capacity shall be considered as non-active lights, to be used exclusively for such purposes, and paid for at the rate of 3 cts. per kw. hr.

Hotels, Clubs and Boarding Houses. The rate for lighting hotels, clubs and boarding houses shall be 15 cts. per month for active lights connected, and 3 cts. per kw. hr. for all current consumed. The classification of active and non-active lights shall be the same as for residences, except lights connected and used in buffets, bars, bowling alleys, billiard rooms, card rooms, lobbies, main halls, corridors on each floor, wash rooms, lavatories and boiler rooms shall be deemed active lights.

Auditoriums, Dancing Halls, Opera Houses, Lodge Rooms, Churches, and Factories Closing at Six o'clock P. M. The rate shall be 15 cts. per month for one-half of all connected units of 50 watts or its equivalent and 3 cts. per kw. hr. for all current consumed.

Flat Rates. The company shall be authorized to charge a flat rate of 30 cts. per month per light of 50 watts capacity, or its equivalent in residences, or 50 cts. per light of same capacity in business places, in any case where a consumer uses less than three such lights in any one building; or the company may, at its option, install a meter for any such customer, in which event the rate shall be as specified in the above classification.

Minimum Rate. The company shall be authorized in every case where a meter is installed, to make a minimum charge of \$1.00 per month.

Equipment and Renewals. In all the foregoing rates the consumer shall furnish and renew all lamps, except arc lamps, and all switches and wiring in the premises, and the company shall furnish arc lamps, transformers, meters and sufficient wiring, pole line and other equipment necessary to deliver the current to the premises.

POWER.

The rate for power to consumers using 5 h. p. or more shall be 75 cts. per month per h. p., to be based on rated motor capacity

and 2 cts. per kw. hr. for all current consumed; provided, that for consumers using 3 or more, and less than 5 h. p. for power purposes, the rate shall be \$4.00 per month per h. p., based on rated motor capacity; and for all motors of less than 3 and more than 1 h. p. capacity, at the rate of \$5.00 per month per h. p., based on motor capacity; and on all motors of 1 h. p. or less at the rate of \$6.00 per month per h. p., based on motor capacity.

Miscellaneous. The rate for electric fans, flat irons and other miscellaneous electrical equipment, not herein otherwise specified, shall be 3 cts. per kw. hr. for all current consumed on premises lighted electrically, and at the rate of 9 cts. per kw. hr. for all current consumed on premises otherwise lighted.

The maximum rate shall in no instance exceed 9 cts. per kw. hr.

On May 5, 1908, the Commission issued an emergency order as authorized by sec. 1797—99, ch. 499, Laws of 1907. A public hearing was held on this order and a formal order was later issued authorizing the following schedule of rates:

LIGHTING.

Residence Lighting. In all residences the rate shall be 15 cts. per month for each active connected incandescent unit of 50 watts capacity, or the equivalent thereof, and 3 cts. per kw. hour for all current consumed by the connected units, whether active or inactive. Active lights are lights used or connected for use in the following rooms: main hall, main stairway, parlors, library, one 50 watt unit in dining room, sitting room, living room, kitchen, den, music room, conservatory, butler's pantry, and one 50 watt unit on the second floor. Non-active lights shall include lights used on porches, in vestibules, basements, attics, closets, bedrooms, bathrooms, lavatories, wood sheds, stables, back halls, back stairways, one portable reading lamp used in active rooms, and all other rooms not herein otherwise specifically mentioned; provided this classification shall only apply to residences which are equipped for and using electricity exclusively for lighting when available; and provided further that in case of such residences the active lights shall not exceed 75 per cent of the total installation. In all other residences all lights shall be deemed active.

Commercial Lighting. Commercial lighting shall include retail and wholesale mercantile establishments, saloons, restaurants, depots and all other consumers not herein otherwise specifically provided for. The rate for commercial lighting shall be 15 cts. per month for each 50 watts connected capacity, or its equivalent, and 3 cts. per kw. hr. for all current consumed; provided that to all consumers using electricity exclusively for lighting when available and using 10 per cent of their total connected capacity for window display or advertising purposes, all

lights so used shall be considered and paid for as non-active lights at the rate of 3 cts. per kw. hr. for the current actually consumed; and the maximum rate to all consumers who shall come within the terms of this proviso shall not exceed 6 cts. per kw. hr. for the total current used.

Readiness-To-Serve Rating. In determining the readiness-to-serve charge for residence and commercial lighting, all units of 8 c. p. or less shall be counted as 8 c. p. and rated at 30 watts per hour, and the readiness-to-serve charge for all such lights in active rooms shall be 9 cts. per month in addition to the charge for current consumed.

Hotels, Clubs and Boarding Houses. The rate for lighting hotels, clubs and boarding houses shall be 15 cts. per month for all active lights connected and 3 cts. per kw. hr. for all current consumed. The classification of active and non-active lights shall be the same as for residences, except lights connected for use in dining rooms, buffets, bars, bowling alleys, billiard rooms, card rooms, barber shops, lobbies, main halls, corridors on each floor, wash rooms and lavatories shall be deemed active lights.

Auditoriums, Dancing Halls, Opera Houses, Lodge Rooms, Churches and Manufacturing Plants. The rates shall be 15 cts. per month for one-third of all connected units of 50 watts or its equivalent, and 3 cts. per kw. hr. for all current consumed.

Flat Rates. The company shall not be required at its own expense to furnish or install meters for any consumer using less than five 50-watt units, or the equivalent thereof, in any one building, and shall be authorized to charge consumers using three or more such units a flat rate of 30 cts. per month per unit in residences, and 50 cts. per month per unit in business places; or the company may, at its option, install a meter for any such consumer, in which event the rate shall be as specified in the above classification.

Minimum Rate. The company shall be authorized in every case where a meter is installed to make a minimum charge of one dollar per month, and to flat rate customers a minimum charge of 90 cts. per month in residences and \$1.50 per month in places of business.

Equipment and Renewals. In all the foregoing rates the consumer shall furnish and renew all lamps, except arc lamps and all switches and wiring in the premises, and the company shall furnish arc lamps, transformers, meters and sufficient wiring, pole line and other equipment necessary to deliver the current to the premises.

Other Lighting Rates. On contracts for three years or longer, with any consumer using 90 or more, and less than 140 480-watt arc lamps, or the equivalent thereof, to burn not less than 3 800 hours per year, the rate shall be 15 cts. per month for each 50 watt connected capacity, or its equivalent, and $2\frac{1}{4}$ cts. per kw. hr. for all current consumed, plus a reasonable charge for at-

tendance for arc lamps and a reasonable charge for renewals of all other lamps and rental for fixtures for same; such charge to be fixed by contract with consumers and such contract filed with the Railroad Commission.

On contracts with any one consumer using 140 or more, and not to exceed 150 arc lamps of 480-watt capacity, to burn not less than 3,800 hours per year, the rate shall be 15 cts. per month for each 50 watt unit connected and $2\frac{1}{8}$ cts. per kw. hr. for all current consumed, plus a reasonable charge for attendance to be fixed by contract with consumers, and such contract filed with the Railroad Commission.

POWER RATES.

The rate for power to consumers demanding 5 h. p. or more shall be 75 cts. per month per h. p. demanded, to be based on rated motor capacity, and 2 cts. per kw. hr. for all current consumed; provided, that for consumers demanding three or more and less than 5 h. p. for power purposes, the rate shall be \$4.00 per month per h. p., based on rated motor capacity; and on all motors of less than 3 or more than one h. p. capacity, at the rate of \$5.00 per month per h. p., based on motor capacity; and on all motors of one h. p. or less at the rate of \$6.00 per month per h. p., based on motor capacity; and provided further that the company may, at its option, install meters for all power consumers, in which event the rate above specified for consumers, using more than 5 h. p., shall apply.

For each meat chopper using 3 h. p. or less, \$3.00 per month;

For each coffee grinder using 1 h. p. or less, \$2.50 per month;

For each peanut roaster using 1 h. p. or less, \$2.50 per month;

For each shoemaker using 2 h. p. or less, \$5.00 per month;

For each feed barn and livery stable using motors for cutting hay only, \$5.00 per month;

For each bakery using 2 h. p. or less, \$5.00 per month;

For each church organ using 2 h. p. or less, \$3.00 per month.

Minimum Power Rate. The company shall be authorized to charge a minimum rate of \$1.00 per month for each motor installed.

MISCELLANEOUS.

The rate for electric flat irons, cooking utensils and other miscellaneous electrical equipment, not used by means of motors and not herein otherwise specified, shall be 3 cts. per kw. hr. for all current consumed on premises lighted electrically, and at the rate of 9 cts. per kw. hr. for all current consumed on premises otherwise lighted.

MAXIMUM RATE.

The maximum rate, except where authorized by the minimum charge hereinbefore provided for, shall in no instance exceed 9 cts. per kw. hr.

No. 31.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF RATES
CHARGED BY CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Investigation by the Commission, on its own motion, of the charge that the said company, without due authority and contrary to the provisions of secs. 1797m—27 and 1797m—105, ch. 499, Laws of 1907, raised the rates which were in effect on April 1, 1907.

This investigation was conducted in connection with the complaint of T. J. Cunningham et al. See No. 18.

No. 32.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE
ELECTRIC SERVICE OF THE LA CROSSE GAS AND ELECTRIC CO.

Following the decision of the Commission authorizing the above named company to increase its rates in the city of La Crosse, informal complaints were made to the Commission of alleged defects in the quality of the electric service furnished by the company, especially with reference to uniformity of voltage and accuracy of meters. The Commission therefore instituted an investigation on its own motion. Notice of such investigation issued on Jan. 4, 1908.

A thorough examination of the local situation was made by the experts of the Commission. The hearing was held on April 21, 1908. John F. Doherty, city attorney, appeared for the city of La Crosse, and Woodward & Lees for the company.

The decision was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 33.

In re INVESTIGATION BY THE RAILROAD COMMISSION OF WISCONSIN
OF THE RATES CHARGED BY THE MILWAUKEE CENTRAL HEAT-
ING CO. OR THE MILWAUKEE ELECTRIC RAILWAY AND LIGHT
Co.

Submitted Jan. 21, 1908. Decided Mar. 17, 1908.

F. J. Morawetz for Wisconsin Electrical Construction Co.
C. M. Rosecrantz for M. C. H. Co. and T. M. E. R. & L. Co.

This investigation, on motion of the Commission, was based on the complaint of the Wisconsin Electric Construction Co.,

relating to the rates charged for heating of the above mentioned companies in the city of Milwaukee. (See No. 26.) The hearing was held on Jan. 21, 1908, appearances being entered as above indicated. The decision was rendered on March 17, 1908, and was to the effect that there were not sufficient data before the Commission on which a conclusion could be reached as to the reasonableness of the rates in question, and the matter was held in abeyance. The schedule of rates in effect is as follows:

First	25,000 lbs. of condensed steam used in one month	80c	per 1,000 lbs.
Second	“ “ “ “ “ “	70c	“ “
Third	“ “ “ “ “ “	60c	“ “
Next	75,000 “ “ “ “ “ “	50c	“ “
All over the above	“ “ “ “ “ “	45c	“ “

In connection with the investigation the following data were secured, showing rates in effect in various cities:

STEAM HEATING RATES IN FORCE AT

Detroit, Mich.:

0 lbs. to	12,500 lbs. used in any month	\$.58	per 1,000 lbs.
12,000	“ 25,000 “ “ “	.57	“ “
25,000	“ 37,500 “ “ “	.56	“ “
37,000	“ 50,000 “ “ “	.55	“ “
50,000	“ 75,000 “ “ “	.54	“ “
75,000	“ 100,000 “ “ “	.53	“ “
100,000	“ 200,000 “ “ “	.52	“ “
200,000	“ 300,000 “ “ “	.51	“ “
300,000	“ 400,000 “ “ “	.50	“ “
400,000	“ 500,000 “ “ “	.49	“ “
Above	“ 500,000 “ “ “	.48	“ “

10 per cent discount on all bills paid on or before the 15th of the month

Baltimore, Md.:

2,000 lbs. to	25,000 lbs. used in any month	\$0.90	per 1,000 lbs.
25,000	“ 40,000 “ “ “	.85	“ “
40,000	“ 55,000 “ “ “	.80	“ “
55,000	“ 70,000 “ “ “	.75	“ “
70,000	“ 85,000 “ “ “	.70	“ “
85,000	“ 125,000 “ “ “	.65	“ “
125,000	“ 250,000 “ “ “	.60	“ “
250,000	“ 500,000 “ “ “	.55	“ “
500,000	“ 1,000,000 “ “ “	.50	“ “
1,000,000 and over	“ “ “ “ “	.45	“ “

Above rate subject to 10 per cent discount if payment of bills is made within five days from date.

St. Paul, Minn.:

More than	30,000 lbs. and less than	60,000 lbs. per mo.	\$.85	per 1,000 lbs.
“	60,000 “ “	90,000 “ “	.80	“ “
“	90,000 “ “	120,000 “ “	.75	“ “
“	120,000 “ “	150,000 “ “	.70	“ “
“	150,000 per month	“ “	.60	“ “

10 per cent discount if paid on or before 10th day of month.

Cleveland, O.:

First	10,000 lbs. used in any month	\$1.00 per 1,000 lbs.		
2d and 3d	10,000	".80	"	"
4th and 5th	10,000	".70	"	"
6th and 7th	10,000	".60	"	"
8th and 9th	10,000	".50	"	"
Next	200,000	".45	"	"
All over	200,000	".40	"	"

Dayton, O.:

First	10,000 lbs. used in any month	\$.75 per 1,000 lbs.		
Next	10,000	".70	"	"
"	10,000	".65	"	"
"	20,000	".60	"	"
"	50,000	".55	"	"
"	200,000	".50	"	"
All over	200,000	".45	"	"

10 per cent discount if paid before the 10th of the month.

Kansas City, Mo.:

First	50,000 lbs. used in any month	\$.65 per 1,000 lbs.		
Second	50,000	".55	"	"
All over	100,000	".45	"	"

10 per cent discount if paid on or before the 10th of the month.

Sedalia, Mo.:

First	10,000 lbs. used in any month, or less	\$0.70 per 1,000 lbs.		
Next	10,000	".65	"	"
"	10,000	".60	"	"
"	20,000	".55	"	"
"	40,000	".50	"	"
"	250,000	".45	"	"
All in excess of	340,000	".40	"	"

10 per cent discount for prompt payment.

St. Joseph, Mo.:

First	10,000 lbs. used in any month	\$1.00 per 1,000 lbs.		
Next	10,000	".80	"	"
"	10,000	".70	"	"
"	100,000	".60	"	"
"	100,000	".50	"	"
Excess	100,000	".40	"	"

Discount.

150,000 and less	10 per cent.
150,000 to 250,000	15 " "
250,000 to 350,000	20 " "
350,000 and over	25 " "

Additional discount of 10 per cent for prompt payment.

Erie, Pa.:

1st	10,000 lbs. used in any month	\$0.75 per 1,000 lbs.		
2d	10,000	".60	"	"
3d and 4th	10,000	".50	"	"
"	50,000 to 100,000	".45	"	"
100,000 lbs. and over	"	".40	"	"

5 per cent discount for prompt payment.

Seattle, Wash.:

1st	50,000 lbs. used in any month	\$0.60 per 1,000 lbs.		
All in excess in any month		".50	"	"

No discount. Minimum bill \$3.00.

Harrisburg, Pa.:

40 cents per 1,000 net.

Sioux City, Ia.:

1st 10,000 lbs. used in any month	\$0.90 per 1,000 lbs.
2d 10,000 " "	.80 " "
3d 10,000 " "	.70 " "
4th 10,000 " "	.60 " "
Thereafter	.50 " "

Springfield, Ill.:

50 cents per 1,000 lbs.

Springfield, O.:

40 cents per 1,000 lbs.

Springfield, Mo.:

Same as Sedalia, Mo.

Peoria, Ill.:

1st 40,000 lbs. used in any month	\$1.50 per 1,000 lbs.
All excess	.50 " "
10 per cent discount.	

No. 34.

In re VALUATION OF PROPERTY OF THE MANITOWOC WATER WORKS Co.

Under the provisions of the Public Utilities Law "the Commission shall value all the property of every public utility actually used and useful for the convenience of the public." This valuation was entered upon at the request of the city attorney of Manitowoc. The tentative valuation of the property, made by the engineer of the Commission, was mailed to the interested parties on Dec. 4, 1907. The first hearing was commenced on Jan. 21, 1908. A. L. Hougan appeared for the city of Manitowoc and M. G. Jeffris for the Manitowoc Water Works Co. Hearings were had on subsequent dates and the arguments on April 9, 1908. The matter of the valuation of water works plants and other utilities is before the Commission in a number of cases, and the decision in any particular case is being held, pending a full and complete investigation of the entire subject. This case is still pending.

No. 35.

In re APPLICATION WEST ALLIS GAS CO. FOR AUTHORITY TO PUT INTO EFFECT CERTAIN RATES.

On Dec. 24, 1907, the above named company asked for authority to put into effect certain rates for gas service in the city of West Allis, which rates amounted to a reduction in the existing schedule. Order issued on the same date, authorizing the putting in effect of the following rates, effective Jan. 1, 1908:

For the first 10,000 cu. ft. used during any one month through any one meter, a rate of \$1.10 per 1,000 cu. ft.; for any amount over 10,000 cu. ft. and up to 20,000 cu. ft. used during the same month through the same meter, a rate of \$1 per 1,000 cu. ft.; for any amount over 20,000 cu. ft. and up to 30,000 cu. ft. used during the same month through the same meter, a rate of 90 cts. per 1,000 cu. ft.; for all additional consumption over 30,000 cu. ft. used during the same month through the same meter, a rate of 70 cts. per 1,000 cu. ft.

A discount of 10 cts. per 1,000 cu. ft. will be allowed from the above rates, provided bills are paid on or before the last discount day printed on the bill. When so paid, the net rates will be as follows:

First 10,000 cu. ft. per mo.	\$1.00	per 1,000 cu. ft.		
Next 10,000	“	“	.90	“
Next 10,000	“	“	.80	“
All over 30,000	“	“	.60	“

No. 36.

In re APPLICATION WAUWATOSA GAS CO. FOR AUTHORITY TO PUT INTO EFFECT CERTAIN RATES.

Application filed on Dec. 24, 1907, asking that the above named company be authorized to put into effect certain rates for gas service in the city of Wauwatosa, which rates amounted to a reduction in the existing schedule. On the date of the filing of the application an order was issued, authorizing the company to put into effect the following schedule, effective Jan. 1, 1908:

For the first 10,000 cu. ft. used during any one month through any one meter, a rate of \$1.10 per 1,000 cu. ft.; for any amount over 10,000 cu. ft. and up to 20,000 cu. ft. used during the same month through the same meter, a rate of \$1 per 1,000 cu. ft.; for any amount over 20,000 cu. ft. and up to 30,000 cu. ft. used

during the same month through the same meter, a rate of 90 cts. per 1,000 cu. ft.; for all additional consumption over 30,000 cu. ft. used during the same month through the same meter, a rate of 70 cts. per 1,000 cu. ft.

A discount of 10 cts. per 1,000 cu. ft. will be allowed from the above rates, provided bills are paid on or before the last discount day printed on the bill. When so paid, the net rates will be as follows:

First 10,000 cu. ft. per mo.	\$1.00	per M. cu. ft.
Next 10,000 " " "	.90	" "
Next 10,000 " " "	.80	" "
All over 30,000 " " "	.60	" "

No. 37.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE RATES CHARGED BY THE KENOSHA GAS AND ELECTRIC CO.

On Jan. 16, 1908, the Commission, on its own motion, issued a notice of investigation of the rates charged by the above named company in the city of Kenosha, Wis.

This investigation was entered into for the reason that the complaint by the mayor of Kenosha did not give the Commission jurisdiction under the statute. The investigation is being conducted in connection with No. 27, and is still pending.

No. 38.

In re APPLICATION OF THE PORTAGE ELECTRIC LIGHT CO. FOR AUTHORITY TO CHANGE ITS RATES.

Submitted Jan. 29, 1908. Decided Feb. 3, 1908.

R. E York for applicant.
No appearance in oppcsition.

A petition was filed, asking that certain rates for commercial lighting be changed, on the ground that the flat rates in force were discriminatory and contrary to law. Investigation showed valid reasons for a change in the schedule and that such change would be in the interests of both the company and the consumers; that the rates in effect are uneven and somewhat discriminatory. The petitioner is therefore authorized to discontinue its present schedule and to substitute the schedule herein ordered.

In the order the applicant was authorized to put into effect the following schedule:

Business Houses Using Light Until 10 and 12 O'clock.

First 30,000 watts.....	10	cts. per 1,000 watts
Second 30,000 watts.....	8	“ “ 1,000 “
Over 60,000 watts.....	6	“ “ 1,000 “

Business Houses Using Light Until 8 and 9 O'clock.

First 30,000 watts.....	10	cts. per 1,000 watts
Second 30,000 watts.....	9	“ “ 1,000 “
Over 60,000 watts.....	8	“ “ 1,000 “

Factory Lighting.

First 30,000 watts.....	12	cts. per 1,000 watts
Second 30,000 watts.....	11	“ “ 1,000 “
Third 30,000 watts.....	10	“ “ 1,000 “
90,000 to 200,000 watts.....	9	“ “ 1,000 “
200,000 to 400,000 watts.....	8	“ “ 1,000 “
Over 400,000 watts.....	7	“ “ 1,000 “

Halls, Churches, Lodge Rooms, School Houses, Residences.

First 30,000 watts.....	12	cts. per 1,000 watts
Second 30,000 watts.....	11	“ “ 1,000 “
Over 60,000 watts.....	10	“ “ 1,000 “

No. 39.

In re APPLICATION OF THE TOMAH ELECTRIC AND TELEPHONE CO.
FOR AUTHORITY TO INCREASE CERTAIN RATES.

Decided Mar. 13, 1908.

No appearances.

Application to increase rates to three hotels, two railway companies, and to ministers; and to reduce certain other rates. No affirmative action required on the part of the Commission with reference to reductions. The advances for which the application is made will remove unjust discriminations and are therefore granted, and a uniform schedule of rates is approved.

No. 40.

In re APPLICATION PORTAGE TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Jan. 15, 1908, asking for authority to increase the telephone rates in the city of Portage, for the reason that the existing rates did not give the company a

sufficient return on its investment, and that it was necessary for the company to make a number of improvements. A hearing was held on Jan. 29, 1908. F. H. Runkel appeared for the applicant and no one appeared in opposition. Following this hearing the engineers of the Commission commenced a valuation of the property of the applicant. On April 13, 1908, an amended application was filed, asking for further increases in rates, on the ground that the company would be compelled to make important, expensive changes in its system. The hearing on the amended application and on the valuation of the plant was held on May 19, 1908. The decision of the Commission was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 41.

In re APPLICATION MENOMINEE & MARINETTE LIGHT & TRACTION
CO. FOR AUTHORITY TO EQUALIZE RATES.

Application filed on Jan. 2, 1908, by the above named company asking for authority to withdraw certain flat rates in effect for the furnishing of electric service in the city of Marinette, and to substitute a regular schedule, for the reason that the said flat rates were discriminatory, unequal and not based on any regular schedule of charges. This application was considered in connection with an investigation, on motion of the Commission, of the rates charged by the applicant. A valuation of the property of the applicant was made by the engineers of the Commission. The hearings on the case were continued from time to time on application of the parties and the case is still pending before the Commission. See Nos. 58 and 68.

No. 42.

CITY OF MARINETTE

vs.

CITY WATER CO.

Petition filed on Jan. 22, 1908, by the above named city through its mayor and city attorney, alleging that the rates charged by the above named respondent for the furnishing of

water to both public and private consumers in the city of Marinette were unjust, unlawful, excessive and discriminatory. The complaint necessitates the making of a valuation of the property of the respondent, which is being carried on by the engineers of the Commission, and the case is still pending.

No. 43.

CITY OF APPLETON

vs.

APPLETON WATER WORKS Co.

Petition filed on Jan. 23, 1908, by authority of the common council of the city of Appleton, alleging that the respondent is engaged in furnishing and delivering water in the city of Appleton; that such service is inadequate for fire protection and for the health, comfort and safety of said city and its inhabitants, and that the rates, charges and schedules exacted for such service were unreasonable and excessive.

The respondent, by way of answer, denied the allegations of the petition above set forth. The engineer of the Commission at once commenced a valuation of the property of the respondent, and investigations were had to determine the question of service and the quality of water supplied. The proceedings were had subsequent to the date of this report, and the matter is still pending:

No. 44.

In re APPLICATION WISCONSIN VALLEY IMPROVEMENT CO. FOR APPROVAL OF A SCHEDULE OF TOLLS.

Under the provisions of ch. 335, Laws of 1907, the Wisconsin Valley Improvement Co. was authorized to construct, acquire and maintain a system of reservoirs, located on the tributaries of the Wisconsin river, north of the south line of township thirty-four north, for the purpose of producing a uniform flow of water in the Wisconsin river and its tributaries, and thereby improving the navigation and other uses of said stream, and diminishing the injury to public and private property, and to construct, acquire and maintain the necessary dams, booms, sluiceways, locks and other structures in, along, or across such streams.

The company is given power to collect reasonable and uniform tolls from the owners of water powers benefited by such reservoirs in an amount that will cover the costs of operation and 6 per cent on the investment. Such tolls shall be fixed semi-annually by the Railroad Commission on or about January first and July first.

On Jan. 4, 1908, the company filed the statements required by law, including an estimate of expenditures for the six month period ending June 30, and a recommendation as to the amount of tolls that should be levied. Notice of hearing for Jan. 28, 1908, was sent to all parties interested. No objection being raised to the tolls as recommended by the company, the same were made effective by an order of the Commission, issued on Jan. 29, 1908.

No. 45.

In re APPLICATION CHETEK RURAL TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Jan. 30, 1908, praying for authority to increase the telephone rates charged by the applicant. The application was defective, in that it did not state the extent of the desired increase, and was returned to the secretary of the applicant, who failed to correct and return same to the Commission.

No. 46.

In re VALUATION OF THE PROPERTY OF THE MADISON GAS AND ELECTRIC Co.

A valuation of the property of this company was undertaken by the engineers of the Commission in connection with the complaint of the State Journal Printing Company et al. (see No. 2) and the application of the company for authority to equalize rates. (See No. 25.) The tentative valuation was completed and forwarded to interested parties on Feb. 1, 1908. The matter was noticed for hearing for Feb. 20, 1908. Hearings were held on this and subsequent dates, and a number of conferences were had between the representatives of the company and the engineers and experts of the Commission. At such hearings Emerson Ela represented the State Journal

Printing Company et al., J. A. Aylward, city attorney, represented the city of Madison, and Olin & Butler the company. The matter is still pending.

No. 47.

S. M. REINARDY ET AL.

vs.

WISCONSIN TELEPHONE CO.

Petition signed by twenty-five residents of the city of Burlington, and subscribers of the above named respondent, was filed on Feb. 7, 1908, alleging that during the year 1907 the petitioners were using in their respective residences and places of business and in connection with the telephone service supplied by the respondent, what are known as Blake transmitters; that they were notified that on or about Jan. 1, 1908, the Blake transmitters would be removed and replaced with another transmitter, at an advance in the rates to the petitioners; that the petitioners were well satisfied with the old system and that the proposed change amounted to an increase in rates without the consent of the Commission and without authority of law.

The respondent, by way of answer, alleged that it had been employing at said exchange the grounded circuit and the full metallic circuit; that the rates for the grounded circuit, such as that used by the petitioners, were lower than the rates for the full metallic service; that by reason of the increase in the business at the said exchange and the unsatisfactory service supplied by the grounded service, it became necessary to equip its entire system with full metallic service at the lower rate; that at the expiration of such contracts the petitioners were charged the lawful higher rate, in order to comply with the law and to avoid unjust discrimination; that the establishing of a uniform full metallic service was to the interest of all of the subscribers of the respondent, and that the rates charged by the respondent have at all times been just. As a part of such answer the respondent applied for authority to increase certain rates, on the ground that the present rates were not sufficiently remunerative.

This case involved a valuation of the property of the respondent at Burlington, which was made by the engineers of

the Commission. The proceedings were had subsequent to the date of this report and the decision will be found in the published Decisions of the Commission.

No. 48.

CITY OF VIROQUA

vs.

VIROQUA ELECTRIC LIGHT CO.

Petition filed Feb. 8, 1908, by the city of Viroqua, through its mayor and clerk, alleging that the respondent is engaged in furnishing electric light to the petitioner and to the residents of said city; that the voltage and current furnished by the respondent are irregular and at times grossly insufficient in amount, and its plant overloaded; that the rates charged are excessive and discrimination is shown in applying the same. At the request of the petitioner the case was held open, pending certain improvements which the respondent agreed to install.

No. 49.

In re APPLICATION CALUMET DAIRY CO. FOR AUTHORITY TO
OPERATE AN ELECTRIC LIGHTING PLANT.

An application signed by the Calumet Dairy Co. and addressed to the mayor and common council of the city of Chilton and the Railroad Commission was filed on Feb. 6, 1908, stating that neither the local company, the Public Service Co., nor any other person or company was furnishing electric service in the city of Chilton, and praying that an order or franchise be issued allowing the applicant to furnish municipal and commercial electric service in said city. The applicant was informed that in view of the fact that the Public Service Co., which had obtained an indeterminate permit, was not in actual operation, it was the unofficial opinion of the Commission that the city could grant this applicant a franchise without its having obtained a permit from the Commission. A notice of hearing was, however, issued, but the proceedings before the Commission have been dropped by the parties interested.

No. 50.

L. E. REED ET AL.

VS.

CITY WATER CO.

Petition signed by forty-one persons, firms and corporations of the city of Sheboygan was filed on Feb. 13, 1908, alleging that the rates charged and collected by the respondent for furnishing water in the city of Sheboygan were exorbitant and unreasonably and unjustly high. On May 21, 1908, an additional petition was filed, signed by more than seventy patrons of the respondent, which was identical with the original petition. A valuation of the property of the respondent is being made by the engineers of the Commission, and the case is pending.

No. 51.

In re APPLICATION EAU CLAIRE GAS LIGHT CO. FOR AUTHORITY TO ADJUST RATES.

Application filed on Feb. 19, 1908, by the Eau Claire Gas Light Company, praying that it be authorized to make certain adjustments in the rates for gas service in the city of Eau Claire. The material part of the application related to an adjustment in rates which would amount to a reduction. The Commission had previously ruled that an order need not be obtained from it to put in effect a reduction in rates. The portion of the application relating to an increase in rates was dropped.

No. 52.

In re STANDARDS FOR GAS AND ELECTRIC SERVICE IN THE STATE OF WISCONSIN.

Under the provisions of the Public Utilities Law it is the duty of the Commission to issue rules providing for uniform standards of service for public utilities. Extended investigations were carried on relating to such standards for gas and electric service. On Feb. 9, 1908, a notice was issued to all the gas and electric companies of the state, calling for a conference on standards for March 3. Such conference was held

on the 3rd and 4th. The rules for such service were issued subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 53.

FRANK KOHLMANN ET AL.

vs.

EASTERN WISCONSIN TELEPHONE CO.

Petition filed on March 4, 1908, signed by twenty-five residents of Sheboygan county, alleging that the above named respondent is engaged in furnishing telephone service to the public, particularly at the village of St. Cloud; that the petitioners maintain a rural telephone line connecting with the system of the respondent at St. Cloud; that the respondent demands that the petitioners replace the transmitter and receiver used by them with those furnished by the respondent, for which a rental shall be paid to the respondent; that, in the event the petitioners refuse to comply with the demand, the respondent would cut off its connection with the line of the petitioners; that such action on the part of the respondent is unreasonable and discriminatory. The usual notice of investigation was issued. On March 23, 1908, the Commission was notified that the respondent had agreed to withdraw its demand for a change in transmitters and receivers.

No. 54.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE FREE AND REDUCED TELEPHONE SERVICE.

An examination of the schedules of telephone companies filed with the Commission, indicated that in numerous instances rates and practices were in effect that were contrary to law and discriminatory. On March 4, 1908, a circular letter was sent to all telephone companies of the state, newspapers, and city officials, calling for a conference to be held at Madison on March 24, to discuss the matter of free and reduced rate telephone service. Such conference was held and was largely attended. Investigations were carried on by the Commission and on June 12, 1908, a decision was handed down

setting forth certain rules and regulations, and requiring all telephone companies in the state to so adjust their schedules as to comply with same. Such decision can be found in the second volume of the Decisions of the Commission.

No. 55.

In re VALUATION OF THE PROPERTY OF THE RIPON LIGHT AND WATER CO.

The valuation of the property of the above mentioned company was undertaken in connection with the complaint of the city of Ripon. (See No. 19.) The tentative valuation of the engineers of the Commission was sent out on Feb. 18, 1908. The hearings were held in connection with the above mentioned complaint, and the matter is still pending.

No. 56.

In re APPLICATION MICHIGAN STATE TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Feb. 16, 1908, by the above named company, praying for authority to increase the toll rates from Florence, Niagara and Spread Eagle to Menominee and Ironwood in the state of Michigan, on the grounds that the existing schedule was based on the county boundary lines and was discriminatory. The application was set for hearing for April 21, 1908. Prior to the date of hearing the application was withdrawn.

No. 57.

In re APPLICATION OF THE LA CROSSE TELEPHONE CO. FOR AUTHORITY TO INCREASE CERTAIN RATES AND CHARGES AND TO ABOLISH CERTAIN DISCRIMINATIONS.

Submitted April 21, 1908. Decided June 12, 1908.

W. F. Goodrich for applicant.
No appearance for opposition.

Application of the La Crosse Telephone Co. for authority 1, to discontinue its six-party business service and rate; 2, to increase its charge for moving telephones from \$1.00 to \$2.00

for each installation above that provided for in subscribers' contracts; 3, to advance its toll rate from 10 cts. to 15 cts. per call.

Held: That 1. and 3. be granted in order to remove discriminations, improve the service and diminish the deficit on the toll business. The second prayer in the petition is denied.

No. 58.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF ELECTRIC SERVICE RATES OF THE MENOMINEE & MARINETTE LIGHT & TRACTION CO.

This investigation was instituted on motion of the Commission by the issuing of a notice of investigation on March 24, 1908. The company had previously filed an application (see No. 41), praying that certain specified rates and charges for electric light and power, in effect in the city of Marinette, be changed, and alleging that such rates were discriminatory, unequal, and not based on any regular schedule of charges. The common council of the city of Marinette passed and filed with the Commission a resolution asking that a decision on the above application be deferred until such time as the Commission shall be in position to order substitution of reasonable rates in all cases.

This case is being considered in connection with the said application and the matter of the valuation of the property of the company, and is still pending.

No. 59.

In re APPLICATION OF THE RHINELANDER MUTUAL TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Submitted April 21, 1908. Decided June 3, 1908.

Application for authority to increase certain rates of the Rhinelander Mutual Telephone Co. An examination of the applicant company's business shows that the rates at present in effect yield sufficient revenue to pay nearly 10 per cent on the investment in addition to operating expenses, taxes and a depreciation fund of 10 per cent.

Held: That the application should be denied. However, a valuation of the company's property will be made in the near future, and if such valuation should indicate a different conclusion, such other action will be taken with reference to this application as the additional facts may warrant.

No. 60.

DOUGLAS COUNTY

vs.

DOUGLAS COUNTY TELEPHONE Co.

Petition filed on March 23, 1908, by Douglas county, through its district attorney, alleging that prior to Jan. 1, 1908, the respondent charged and collected from the petitioner a rate of \$30 per year for each telephone used in the county offices in the city of Superior; that, commencing with said date, the respondent demanded that the petitioner pay telephone rental at the rate of \$54 per year per telephone; that such rate is unreasonable, unjust and discriminatory. The case was set for hearing for April 25, 1908, and continued from time to time by stipulation of the parties, and is still pending.

No. 61.

E. G. ROSS ET AL.

vs.

BURKHARDT MILLING & ELECTRIC POWER Co.

Petition filed on March 25, 1908, signed by twenty-five residents of the city of Hudson, alleging that the respondent is engaged in supplying electric service in said city; that the rates charged for such service are excessive, unreasonable and discriminatory; that the service is of poor quality and not in accordance with the franchise granted to said respondent. This case involved a valuation of the property of the respondent and an investigation of the service by the experts of the Commission. The proceedings were had subsequent to the date of this report and the decision will be found in the published Decisions of the Commission.

No. 62.

In re APPLICATION OF THE ETRICK TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Decided May 23, 1908.

No appearance for or against.

Application of the Ettrick Telephone Company for authority to increase certain rates.

Held: That an examination of the financial statement of the applicant company filed with the Commission, shows that the rates at the present time in effect are entirely inadequate for the successful operation and proper maintenance of the plant, and that, therefore, the advance asked for should be granted. It is further suggested that the advance in rates herein granted will probably be too low for proper operation and maintenance.

The applicant was authorized to put in effect the following rates:

Stockholders, \$4.00 per year.

Toll messages, 10 cts. per message.

Stockholders, having use for two or more instruments, the rental of company's lines at \$6.00 per year with provisions as follows: To furnish their own instruments, keep same in repair, to furnish poles, wire, material and labor necessary to connect to company's lines.

Instruments in school houses free of rent.

No. 63.

In re VALUATION OF THE PROPERTY OF THE WISCONSIN TELEPHONE CO.

This valuation covers the property of the Wisconsin Telephone Co. in the city of Marinette, and was made in connection with the complaint of E. E. Payne et al. (See No. 1.) The tentative valuation was forwarded to the interested parties on Dec. 28, 1907. Hearings were held commencing on Feb. 13, and arguments were heard on April 8, 1908. The matter is still under consideration by the Commission.

No. 64.

CITY OF DODGEVILLE

VS.

DODGEVILLE ELECTRIC LIGHT & POWER CO.

Submitted May 4, 1908. Decided June 2, 1908.

J. G. Smelker for petitioner.

A. Jenks for-respondent.

The complaint in this case alleges, in substance, that the rates charged by the respondent for furnishing street lighting for the petitioner are unreasonably high; and that the service rendered generally by the respondent's plant in connection with the furnishing of electric current for the purpose of lighting is inadequate and poor. Upon hearings and investigation it was found, that under the conditions which now obtain, this Commission would not be warranted in ordering any reduction in the rates complained of, or in requiring any extensive additions to or improvement in the respondent's plant and the services rendered by the same.

Held: That the complaint should be dismissed.

The physical valuation of the property involved, considered by the Commission, was as follows:

	New.	Existing.
OWNED BY THE DODGEVILLE ELECTRIC LIGHT AND POWER COMPANY.		
Property used for street lighting	\$5,691	\$3,917
Property used for commercial lighting	9,351	6,908
Property used for pumping	1,983	1,671
Total	\$16,949	\$12,496
OWNED BY THE CITY OF DODGEVILLE.		
Property used for street lighting	\$1,246	\$604
Property used for commercial lighting	1,747	928
Property used for pumping	5,205	2,754
Total	\$8,198	\$5,356
SUMMARIES.		
Property used for street lighting	\$6,847	\$4,581
Property used for commercial lighting	11,098	7,836
Property used for pumping	7,193	5,435
Total	\$25,138	\$17,852

No. 65.

In re APPLICATION OF THE CEDAR FALLS TELEPHONE CO. FOR
AUTHORITY TO INCREASE RATES.

Application filed on April 3, 1908, by the above named applicant, which operates a telephone system in Washington county with exchange located at Schleisingerville, asking for authority to increase its rates, for the reason that it proposed to cut down the number of its subscribers on each of its rural lines from fifteen-to-eighteen to twelve, and in the village to individual lines, and to improve its system by installing new, improved instruments.

The hearing was held on April 21, 1908. C. A. Silkworth appeared for the applicant and no one appeared in opposition. The application is still pending.

No. 66.

In re VALUATION OF THE PROPERTY OF THE ASHLAND WATER
WORKS Co.

This valuation was undertaken in connection with the complaint of the city of Ashland involving the rates and service of the above named company. (See No. 21.) The tentative valuation was forwarded to the interested parties on April 21, 1908. The hearing was held on June 24, 1908. F. T. Colignon, city attorney, represented the city, and Tomkins & Tomkins and Lamoreux & Shea the company. The matter is still pending.

No. 67.

In re APPLICATION OF MANITOWOC GAS CO. FOR AUTHORITY TO
CHANGE RATES.

Application filed on April 9, 1908, praying that the applicant be authorized to equalize its rates by reducing the rate charged for illuminating gas to the rate charged for fuel gas, which is \$1.00 per 1,000 cubic feet, if bill be paid before the 10th of the month; also to put in effect a meter charge of 25 cts. The application necessitated the making of a valuation of the property of the applicant, which was entered upon by

the engineers of the Commission. The proceedings were had subsequent to the date of this report, and the decision will be found in the third volume of the published Decisions of the Commission.

No. 68.

In re VALUATION OF THE ELECTRIC LIGHT PLANT OF THE MENOMINEE & MARINETTE LIGHT & TRACTION CO.

This valuation was undertaken in connection with the application of the above named company for authority to change rates, and an investigation of its rates on motion of the Commission. (See Nos. 41 and 58.) The tentative valuation made by the engineer of the Commission was forwarded to the interested parties on April 9, 1908. Further proceedings were had subsequent to the date of this report.

No. 69.

In re VALUATION OF THE PROPERTY OF THE ASHLAND LIGHT, POWER AND STREET RAILWAY CO.

Valuation undertaken in connection with the complaint of D. C. Cauty et al. against the above named company. (See No. 28.) The tentative valuation was completed and forwarded to the interested parties on April 21, 1908. Further proceedings were had subsequent to the date of this report.

No. 70.

In re APPLICATION OF THE PEOPLES TELEPHONE CO. OF DANE COUNTY FOR AUTHORITY TO INCREASE RATES.

Submitted April 21, 1908. Decided June 6, 1908.

C. F. Hunter for petitioner.
A. C. Hoppmann for opposition.

Application of the Peoples Telephone Co. of Dane county for authority to increase certain rates. The main point in the application is the request for permission to publish and charge an alternative rate of \$12.00 per year for exchange service only and a charge of 10 cts. additional for each toll

call, or a flat rate of \$15.00 per year for both exchange and toll service. Authority to put into effect the alternative rate is granted.

The order in this case is as follows:

IT IS THEREFORE ORDERED, That the Peoples Telephone Company of Dane county be and it hereby is authorized to charge the schedule of rates set forth in its application, as follows:

1. A rental charge of \$1.25 per month where subscribers wish to use the McFarland exchange and the Cottage Grove exchange without paying toll.

2. A rental charge of \$1.00 per month where subscribers wish to use the McFarland exchange only.

3. Toll charges between McFarland and Cottage Grove 10 cts. for each message of three minutes or less, and an additional charge of 5 cts. per minute for overtime.

4. Toll charges between McFarland and Madison 10 cts. for each message of three minutes or less, and an additional charge of 5 cts. per minute for overtime.

5. A charge of 5 cts. to be made for non-subscribers using the local exchange for each message of three minutes or less.

No. 71.

In re VALUATION OF THE PROPERTY OF THE DODGEVILLE ELECTRIC LIGHT AND POWER Co.

Valuation made in connection with the complaint of the city of Dodgeville against the above named company. (See No. 64.) The tentative valuation was completed and forwarded to the interested parties on April 23, 1908. A statement of such valuation as considered by the Commission is printed in connection with the above mentioned case.

No. 72.

In re VALUATION OF THE PROPERTY OF THE SUPERIOR WATER, LIGHT & POWER Co.

Valuation undertaken in connection with the application of the above named company for authority to increase rates, and the complaint of the city of Superior as to the rates in force. (See Nos. 22 and 23.)

The tentative valuation was completed on March 15, 1903. By stipulation the hearings were continued from time to time, and the matter is still pending.

No. 73.

WISCONSIN TELEPHONE CO.

vs.

CITY OF GREEN BAY.

Petition filed by the Wisconsin Telephone Co. on May 4, 1908, alleging that it owned and operated a telephone system in the city of Green Bay, together with toll line connections; that on March 6, 1908, the common council of said city passed an ordinance, under the terms of which the petitioner was directed to place under ground its wires on North and South Broadway in said city, for a distance of sixty-six hundred feet. The prayer of the petition is, that the ordinance be set aside as unreasonable and void. The proceedings were had subsequent to the date of this report, and the decision will be found in the published Decisions of the Commission.

No. 74.

CITY OF БЕЛОИТ

vs.

BELOIT WATER GAS & ELECTRIC CO.

Petition filed on May 15, 1908, signed by the mayor, city clerk and entire common council of the city of Beloit, alleging that the above named respondent is engaged in furnishing water, gas and electric light in said city; that the respondent refuses to install water meters unless a minimum rate of \$12.00 per year is paid, which rate is excessive; that it unlawfully and unreasonably exacts payments of water rents quarterly in advance and imposes a penalty for non-payment within a certain time; that it discriminates in favor of certain consumers of water; that the water rates and gas rates are excessive and unreasonable, and that the gas furnished is adulterated and of a poor and inferior quality. The matter was pending at the date of this report.

No. 75.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF METER REGULATIONS OF THE HUDSON WATER WORKS.

On May 26, 1908, H. C. Cuddebach of Hudson filed a complaint alleging that the water board of the city of Hudson had

established and published a rule, that no water meter of a lower standard than the Empire should be installed for the purpose of measuring water furnished by the municipal water works plant; that in conformance thereto certain consumers had been ordered to replace Niagara meters with Empire meters; that such rule was unreasonable and unjust.

On June 15, 1908, the Commission, on its own motion, issued a notice of investigation based on the above mentioned complaint. The proceedings were pending on the date of this report.

No. 76.

CITY OF RACINE

vs.

RACINE GAS LIGHT Co.

Petition filed on May 21, 1908, by the city of Racine through its city attorney, alleging that the rates charged for gas by the respondent in the city of Racine were excessive and unreasonable, and praying that such rates be investigated, and that the respondent be required to furnish meters that will accurately register the amount of gas consumed, and that it be ordered to charge but one rate for gas whether it be used for fuel or lighting purposes. This petition necessitated a valuation of the property of the respondent, which was commenced by the engineers of the Commission, and an investigation of the gas service, which is being made by the Commission's experts. The case is still pending.

No. 77.

In re VALUATION OF THE PROPERTY OF THE BERLIN LIGHT, HEATING AND POWER Co.

Under the provisions of sec. 1797m-5, of the Public Utilities Law, it is made the duty of the Commission to value the property actually used and useful for the convenience of the public of every public utility of the state. The above named company was placed in the hands of a receiver, and the receiver requested the Commission to make a valuation to be used as a basis for effecting a reorganization of the company. Such valuation was compiled and issued on May 27, 1908.

A summary of such valuation is as follows:

TENTATIVE VALUATION OF PHYSICAL PROPERTY.

Report of Engineer to Railroad Commission of Wisconsin.

GROUP.	CLASSIFICATION.	HEATING.		LIGHTING.		TOTAL.	
		New	Exist- ing.	New	Exist- ing.	New	Exist- ing.
1	Land.....	\$506	\$506	\$1,794	\$1,794	\$2,300	\$2,300
2	Track and Track Structures.....						
3	Cars and Car Equipment.....						
4	Distribution System.....	16,389	15,734	27,781	21,737	44,212	37,497
5	Power Plant Equipment.....	8,332	5,142	35,454	31,121	43,786	36,263
6	Buildings and Miscellaneous Structures.....	1,353	1,068	4,846	3,824	6,199	4,892
7	Office Furniture and Appliances	120	90	426	320	546	410
8	Tools, Implements and Machin- ery.....	96	52	138	78	192	104
9	Horses, Wagons and Miscel.....	323	290	322	290	645	580
	Total Items 1-9.....	\$27,119	\$22,882	\$70,761	\$59,164	\$97,880	\$82,046
10	Add 12 per cent (See note below).	3,251	2,746	8,491	7,100	11,745	9,846
	Total of Items 1-10.....	\$30,373	\$25,628	\$79,252	\$66,264	\$109,625	\$91,892
11	Stores and Supplies.....	416	392	9,474	3,929	9,890	4,321
	Total Items 1-11.....	\$30,789	\$26,020	\$88,726	\$70,193	\$119,515	\$96,213
12	Paving.....						
	Total Items 1-12.....	\$30,789	\$26,020	\$88,726	\$70,193	\$119,515	\$96,213

NOTE: Addition of 12 per cent to cover engineering, superintendence, legal expenses, interest during construction, contingencies, etc.

No. 78.

In re APPLICATION CHETEK LIGHT & POWER CO. FOR AUTHORITY
TO INCREASE RATES.

Application filed on June 1, 1908, praying that the above named company be allowed to increase its rates for electric lighting, on the ground that the schedule in effect was unjust between consumers and to the company. The hearing was held on June 23, 1908. W. J. Gavin appeared for the applicant, and B. L. Eighmy appeared in opposition to the granting of the application.

The decision was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 79.

In re APPLICATION OF THE VILLAGE OF CASHTON FOR A CERTIFI-
CATE OF PUBLIC CONVENIENCE AND NECESSITY.

Petition filed on June 11, 1908, by the village of Cashton, through the president and clerk of the village board, praying

that a certificate of public convenience and necessity issue to the petitioner to construct and operate a municipal electric lighting plant, and resume the operation of its water works plant. The village having contracted with the local utility to operate its water works plant and such utility having surrendered its franchise and obtained, by operation of law, an indeterminate permit.

The hearing was held on June 23, 1908. Higbee & Higbee appeared for the applicant, and Masters, Graves & Masters appeared in opposition. The decision was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 80.

In re VALUATION OF THE PROPERTY OF THE CHIPPEWA FALLS WATER WORKS AND LIGHTING CO.

Valuation made in connection with the complaint of T. J. Cunningham et al., and the investigation of the rates of the above named company on motion of the Commission. (See Nos. 18 and 31.) The tentative valuation was forwarded to the parties interested on June 18, 1908. Further proceedings in the case were had subsequent to the date of this report.

No. 81.

In re VALUATION OF THE PROPERTY OF THE WISCONSIN TELEPHONE CO. AT BURLINGTON.

Valuation of the Burlington exchange of the Wisconsin Telephone Co., undertaken in connection with the complaint of S. M. Reinardy et al. against said company. (See No. 47.) The tentative valuation, made by the engineers of the Commission, was forwarded to the interested parties on June 29, 1908. Further proceedings were had subsequent to the date of this report.

No. 82.

In re VALUATION OF THE PROPERTY OF THE APPLETON WATER WORKS CO.

Valuation undertaken in connection with the complaint of the city of Appleton, involving the rates and service of the

above named company. (See No. 43.) On June 12, 1908, a notice was issued setting the hearing on such valuation for July 9. Further proceedings were had subsequent to the date of this report.

No. 83.

In re VALUATION OF THE PROPERTY OF THE PORTAGE TELEPHONE Co.

Valuation made in connection with the application of the above named company for authority to increase rates. (See No. 40.) The tentative valuation made by the engineers of the Commission was forwarded to the interested parties on June 18, 1908. Further proceedings were had subsequent to the date of this report.

PART IV.

Informal Railroad Matters

FROM JULY 1, 1907 TO JUNE 30, 1908.

No. 980.

July 1, 1907.

C. W. Rickman, vs. *Grand Rapids, Wis.*

C. & N. W. Ry. Co.

WAREHOUSE SITES.

The complainant alleged that he applied to the railway company for the lease of a site for a warehouse at Kellner, Wisconsin, and was informed that it would not lease the ground for a period longer than five years, and would give no assurances that the lease would be renewed. The matter was submitted to the officials of the company, who replied that all their leases had similar provisions and that no dissatisfaction on the part of lessees had ever arisen.

A copy of the railway company's letter was sent to the complainant, and as nothing further was heard from him the matter is closed.

No. 981.

July 1, 1907.

John Mollinger, vs. *Milwaukee, Wis.*

T. M. E. R. & L. Co.

COMPLAINT CONCERNING DEFECTIVE TRACKS.

The complainant, by Nohl, Nohl, Poss & Mangan, his attorneys, complained that the trains of the T. M. E. R. & L. Co.

on its National Avenue line in the city of Milwaukee, were unnecessarily noisy. The matter was submitted to the officials of the company, who explained that the noise was due to defective frogs; that new frogs had been ordered, but there had been a delay on the part of the manufacturers in the shipment thereof, and that as soon as they were received they would be installed.

The Commission has since been informed that the trouble has been remedied.

No. 982.

June 29, 1907.

Alvin F. Rote,

vs.

I. C. R. R. Co.

Monroe, Wis.

JOINT USE OF SPUR TRACK.

Complainant alleged that the city council of Monroe granted to the Illinois Central R. R. Co. the right of way for a spur track from the western end of Monroe to the heart thereof, but that the Illinois Central R. R. Co. refuses to permit the C. M. & St. P. Ry. Co. to run its cars upon that track.

The question herein is the same as that involved in the complaint of *Harvey Clark v. the C. M. & St. P. R. Co.*, 1 W. R. C. R., pp. 590 and 733, heretofore decided by this Commission, which matter was appealed to the circuit court of Dane county and is now pending. Complainant was informed of this and advised that, if he desired to press the matter, a formal complaint should be filed. Nothing more having been heard from him, the matter is regarded as closed.

No. 983.

July 2, 1907.

Southern Wisconsin Ry. Co.

SERVICE.

A verbal complaint was made to the Commission that in Madison the Wingra Park car of the above named company did not go farther than the capitol square, that no transfers were given, and that no notice of such a change in the regular schedule had been made. As a consequence, it was alleged, several people failed to make train connections.

The officials of the traction company explained that during certain hours of the day in question, in order to accommodate the "circus crowd," the regular schedule was partially interrupted, but that only so much delay was occasioned as was

necessary to transfer passengers from one car to another, and that the company had no knowledge of the failure to give transfers.

No. 984. July 5, 1907.
John Frey, *vs.* *W. C. Ry. Co.*
Medford, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complainant averred that he was unable to secure cars for the shipment of lumber, and suggested that railway companies be compelled to keep records of applications by shippers for empty cars for loading.

He was informed that an order to this effect had heretofore been issued by the Commission and that it is believed the railroad companies are keeping such records.

No. 985. July 2, 1907.
Burlington Advancement Association *vs.* *W. C. Ry. Co.*
Burlington, Wis. *C., M. & St. P. Ry. Co.*

ALLEGED INADEQUATE SHIPPING FACILITIES.

The complainant herein, through its secretary, George W. Waller, sought to have the Commission enforce junctional connections between the two roads complained against for the transfer of freight. The complainant was advised of the law governing the case and was advised that he should file a formal complaint.

No. 986. July 2, 1907.
J. T. Groff,
Burlington, Wis.

EXTENSION OF TIME OF COMMUTATION TICKETS.

The question raised in this inquiry was as to whether the railroads were within their rights under the Railroad Commission Law in extending the time of commutation tickets, it having been alleged that the company complained of had refused to extend the time of a commutation ticket on the ground that such practice was prohibited by the law.

Held: That if the tariffs, rules or regulations of the company provide for the extension of time of such tickets, they could be extended, but if they contained no such provision, the

tickets could not be extended; that the matter was one under the jurisdiction of the Commission, and if formal complaint was made that the time of such tickets should be extended, the matter would be considered.

No. 987.

July 5, 1907.

Wisconsin & Northern R. R. Co.

EMERGENCY RATES.

The railroad company above mentioned, by telegram, asked to have approved, effective immediately, a rate on pulp wood from sidings between Crandon and W. & N. Jet. to Appleton, moving over the Wisconsin & Northern, the "Soo," and the C. M. & St. P. railways.

Application approved.

No. 988.

July 3, 1907.

Stanley, Merrill & Phillips Ry. Co.

EMERGENCY RATES.

The above mentioned railway company applied for authority to issue, effective at once, G. F. D. No. 147, a local tariff on ties in carload lots, from Jump River to Hannibal, naming a rate of 5 cts. per tie, minimum carload of 300 ties.

Application approved.

No. 989.

July 10, 1907.

Wisconsin Central Ry. Co.

COLLISION NEAR LOMIRA.

On June 25, 1907, W. C. passenger train No. 11 collided with an extra freight train, south, at Lomira. The railway officials investigated the cause of the accident and the damages and fatalities that resulted therefrom, and made a complete report to the Commission. The blame was fixed upon the engineer of the freight train and he was promptly discharged.

No. 990.

July 11, 1907.

*Oshkosh Grass Matting Co.,
Oshkosh, Wis.*

vs.

W. C. Ry. Co.

ALLEGED EXCESSIVE RATES.

1. Complaint alleging excessive rates on wire grass, from Montello and Fremont to Oshkosh, as compared with rates on baled hay between same points.

2. Complaint alleging that the through passenger rates from Oshkosh to Wyoming, Minn., are in excess of the rates from Oshkosh to State Line and from State Line to Wyoming, Minn., and that the railway company refused to check baggage through.

Held: 1. That the rates on wire grass have been heretofore informally before the Commission and that no adjustment was arrived at, and formal complaint should be filed.

2. That the passenger rates and question of the movement of baggage from Oshkosh to Wyoming, Minn., relate to interstate commerce and as such are outside the jurisdiction of this Commission.

No. 991.

July 11, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY RATES.

The above mentioned railway company applied for authority to issue, effective at once, a tariff naming rate of $3\frac{3}{4}$ cts. per 100 lbs. on pulp wood from Ashland to Eau Claire, the same rate having already been in effect from Washburn, Bayfield and Ashland Junction, and it having been the intention of the railway company to include Ashland in the territory covered by the tariff, but Ashland having been erroneously omitted.

Applicant also asked for authority to refund to a shipper on the basis of the $3\frac{3}{4}$ cts. per hundred.

The application for authority to issue the tariff in question was approved, but the Commission had no jurisdiction to grant authority to make the refund. The law relating to refunds has since been amended. Sec. 1797—37m, Laws of 1907.

No. 992.

A. E. Winter et al.,

Green Bay, Wis.

Formal complaint filed. See pages 88, 89.

No. 993.

July 5, 1907.

*P. J. Dembach,**New London, Wis.*

RATES.

Inquiry concerning the rates on cabbage and potatoes. Information was given as to the rates and regulations in force.

No. 994.

July 11, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY RATES.

The C. St. P. M. & O. Ry. Co. applied for authority to re-issue its tariff. G F. D. 74-1907, effective three days after filing.

Application approved.

No. 995.

July 13, 1907.

Wisconsin Central Ry. Co.

EMERGENCY RATES.

Application for authority to issue, effective immediately, passenger tariff reducing certain intra-state rates.

Application approved.

No. 996.

July 12, 1907.

Brown & Weltzin, vs.*C. & N. W. Ry. Co.**For the Village of Mt. Horeb,**Mt. Horeb, Wis.*

ALLEGED DANGEROUS CROSSING.

Complainants presented a petition, signed by some seventy or more citizens of Mt. Horeb, urging the Commission to compel the railway company to put in an overhead crossing or viaduct over their tracks at the crossing of such tracks and the principal business street in the village. The jurisdiction of the Commission was explained to complainants and the matter was taken up informally with the officials of the railway company, resulting in a conference between the parties. As nothing further has been heard from them, the matter is closed.

See informal complaint No. 1111, *Village of Mt. Horeb v. C., M. & St. P. R. Co.*

No. 997. July 13, 1907.
J. P. Dysert, *vs.* *T. M. E. R. & L. Co.*
Milwaukee, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

Complaint alleging that the T. M. E. R. & L. Co. does not maintain a waiting room at the intersection of 52nd avenue and Wells street in the city of Milwaukee, the junction of the Wauwatosa and Waukesha lines, and that passengers were compelled to wait in the rain for 20 minutes to make connections, whenever a car was a few minutes late.

The Commission, believing that a readjustment of the schedule, compelling a longer wait for connections when cars are delayed, might solve the difficulty, the company was therefore requested to hold the cars for at least five minutes to make connection.

No further complaint has been received.

No. 998. July 15, 1907.
Great Northern Ry. Co.
 INTERLOCKING PLANTS.

Application for approval of the Commission of the interlocking plant at South Superior, which was to be put into operation the following day.

Application approved.

No. 999. July 18, 1907.
In re GROUP RATES ON LUMBER.

A number of formal cases having come before the Commission in which group rates on lumber had an important bearing, therefore an informal investigation was undertaken. Circular letters were sent to a large number of shippers throughout the state, inviting the expression of opinions on the following subjects: Whether or not shippers had objections to rates now in effect relating to—

“1. Group rates on lumber for shipment to lake ports and other more distant markets.

“2. Group rates on lumber for local shipments, more especially for shipments between points in one group to points in another group.

"3. Any other suggestion which may be offered in favor of or against the present group system."

The replies indicated that only two out of the twenty-five replies received objected to the present system, one offering minor objections and the other expressing the opinion that the present system might be discriminatory. The other twenty-three favored a continuation of the present system without material modifications.

No. 1000.

July 17, 1907.

La Crosse & South Eastern Ry. Co.

EMERGENCY RATES.

Request for authority to issue a one fare rate, Viroqua to Coon Valley, for a Sunday school excursion.

Application approved.

No. 1001.

John Campbell,

Barneveld, Wis.

Formal complaint filed. See p. 96.

No. 1002.

July 16, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

ALLEGED OVERCHARGE.

In the above entitled matter the White River Lumber Co. shipped fourteen cars of logs from Forest City to Bibon; there being no facilities for weighing the shipment, it was billed at marked capacity of car. The shipper alleged an overcharge and demand was made on the railway company for a refund.

Upon investigation it appeared that the entire shipment scaled 68,876 feet, log measure, and that 10 lbs. per foot was a reasonable estimate of the weight of logs of the character in question, and the railway company was advised that there was no objection to making the refund on that basis.

No. 1003.

May 6, 1907.

Crivitz Paper & Pulp Co. vs. *C., M. & St. P. Ry. Co.*
Crivitz P. O., Ellis Jct., Wis.

ALLEGED DISCRIMINATION IN RATES.

Complainant alleged that the rates on wood pulp from Ellis Jet. to Green Bay are too high as compared with rates in force from Appleton and Kaukauna to Green Bay.

The officials of the respondent company informed the Commission that the tariff department of the road considered the present rate adjustment fair and equitable, and that they would stand ready to defend it in an investigation. A formal complaint blank was sent to the complainant, and as nothing further was heard, the matter is closed.

No. 1004.

July 17, 1907.

Southern Wisconsin Cheese Men's Protective Association.

REQUEST FOR LOWER RATES.

The association addressed a verbal request to the Commission, urging it to use its influence to have the railways put into effect the Milwaukee rates on cheese shipped to Chicago from the southwestern Wisconsin dairy region, as recommended in an early decision of the Commission.*

The railways protested that the present adjustment was equitable and declared themselves ready to defend the present schedules. The matter at issue involved interstate commerce, and complaint was filed with the interstate commerce commission.

This is still pending.

No. 1005.

July 16, 1907.

C. H. Hoton, vs. *C. & N. W. Ry. Co.*
Camp Douglas, Wis.

ALLEGED EXCESSIVE RATES.

The complainant called into question the reasonableness of the rates on coal from Milwaukee to Camp Douglas. The matter was taken up informally with the railway company, resulting in an agreement on its part to amend the tariffs immediately

*See *So. Wis. Cheesemen's P. A. v. C. M. & St. P. R. Co.* 1 W. R. C. R., 143.

and make a rate of \$1.00 from Milwaukee, which was satisfactory to the complainant.

No. 1006.

July 22, 1907.

Green Bay & Western R. R. Co.

APPLICATION FOR AUTHORITY TO MAKE REFUND.

Through its general passenger agent, the above company asked for permission to make a refund of passenger fare to the amount of \$2.30, charged two passengers from Green Bay to Algoma. The passengers in question had limited time tickets and missed the last train on which the same were valid, because of a change in the schedule made without notice.

Held: The proposition being purely a legal one should be handled by the legal department of the company.

No. 1007.

July 19, 1907.

Reinhart Brothers,
Algoma, Wis.

vs.

G. B. & W. R. R. Co.

ALLEGED DISCRIMINATION IN RATES.

In the above entitled matter the minimum charge on package freight from Chicago to Algoma was complained of. It was pointed out by complainants that Kewaunee, similarly situated, took a rate of 25 cts., as compared with a 50 ct. rate to Algoma. The railroad officials, on having their attention called to the inequality, immediately issued a tariff putting Algoma on the same basis, which was satisfactory to the complainants.

No. 1008.

A. H. Rumrill,

Formal complaint filed. See p. 87.

No. 1009.

July 24, 1907.

William B. Thilen,
R. F. D. 1, Racine, Wis.

vs.

C. & N. W. Ry. Co.

FARM CROSSINGS.

The complainant, a farmer residing near Ivers station on the above named railway, complained that two crossings over the

company's tracks, from one part of his farm to another, were of such a steep grade as to be dangerous. The attention of the company was called to the complaint, whereupon improvements were made satisfactory to the complainant.

No. 1010.

W. M. Curtis,

Trevor, Wis.

vs.

July 19, 1907.

C. & N. W. Ry. Co.

TRAIN SERVICE.

Complainant, on behalf of the Kenosha Old Settlers' Society, had requested special train service for July 4, for the annual picnic at Salem. The company replied that it would be impossible to arrange for any extra service on that date, as all its extra equipment would be in demand to handle the business on regular trains on that day. After some correspondence between the Commission and the parties, the date of the picnic was changed and the railway company arranged to give the service asked for.

No. 1011.

Greater Milwaukee Association.

Transferred to informal utility case No. 2.

No. 1012.

John B. Gruber & Co.

Formal complaint filed: See p. 90.

No. 1014.

Vaughn Manufacturing Co.,

Jefferson, Wis.

vs.

July 26, 1907.

C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

The complainant shipped a carload of harrows to Iowa Falls, Iowa, and alleged that the weight charged by the company was excessive. The company's weight was 24,900 and the check weight was 22,850.

After an extended correspondence the company offered to adjust on the basis of 23,814 lbs. The matter being outside the jurisdiction of the Commission, the complainant was so advised.

No. 1015.

July 25, 1907.

Stanley, Merrill & Phillips Ry. Co.

APPLICATION FOR AUTHORITY TO REFUND.

In issuing the tariff on bolts from stations on its line to Owen, the company did not provide for less than 60,000 lbs. minimum where a car of a smaller capacity was furnished. Shortly after the publication of the tariff a car of 50,000 lbs. capacity was furnished and the contents of the same estimated at 47,000 lbs. The company asked for authority to adjust on the basis of the marked capacity of the car.

Held: The Commission has no jurisdiction in matters of this kind, except under the provisions of ch. 582, Laws of 1907, which became effective too late to be applied in the case under consideration.

No. 1016.

July 2, 1907.

M. Lapidus & Co.,

vs.

*C. & N. W. Ry. Co.**Neenah, Wis.*

ALLEGED OVERCHARGE.

The above entitled matter relates to the charge made for transporting a shipment of apples from a point in Missouri to Neenah, Wis. The complainant was advised of the rates in effect between the points in question, and that the matter was outside the Commission's jurisdiction.

No. 1017.

July 13, 1907.

*William J. Wagstaff,**Oshkosh, Wis.*

WEIGHING OF CARLOAD FREIGHT.

The complainant addressed an inquiry to the Commission as to what steps could be taken to hasten the settlement of claims of shippers against railway companies on account of incorrect weights, and was advised that the Railroad Commission Law had been amended, having been changed, giving the Commission jurisdiction over railway scales and weights, but that claims against railway companies, like other claims, are subject to the exclusive jurisdiction of the courts.

No. 1018.

July 29, 1907.

*Wisconsin Horse Breeders' Association,
Janesville, Wis.*

ALLEGED DISCRIMINATIONS.

Complaint was made, that while the Wisconsin railways charge only half rates on cattle, sheep and hogs going to and returning from the state fair, horses are charged full rates both ways, and that this amounts to a discrimination against horses.

Held: That sec. 8 of the Railroad Commission Law exempts freight carried to or from fairs and expositions for exhibition thereat from its requirements, and therefore the railway companies were free to make such charges relating thereto so long as their rates do not exceed the rates charged the general public for such service, and so long as they do not discriminate between individual shippers.

No. 1019.

July 29, 1907.

*R. H. Burr,
Kenosha, Wis.*

COMMUTATION TICKETS.

Complainant desired to be informed whether a railway company would be obliged to give notice of its withdrawal of commutation tickets between Chicago and Kenosha and Racine and Milwaukee.

Held: The withdrawal of commutation tickets amounts to a change in rates, and notice of all changes in rates must be given by filing in the office of the Railroad Commission, and also in the stations of the companies, schedules showing such changes in rates at least ten days before such schedules go into effect.

No. 1020.

*Otto Dorner,
Milwaukee, Wis.*

Formal complaint filed. See page 89 (*Lienemann v. C., M. & St. P. R. R. Co.*, No. 185).

No. 1021.

July 26, 1907.

E. A. Kenyon,
Gilmanton, Wis.

ALLEGED WRONG DELIVERY.

Complainant alleged that certain repairs ordered from the International Harvester Co. at Eau Claire were delivered to the wrong station. There was no indication as to what road was involved, and the Commission asked for more information, which was not given.

No. 1022.

July 17, 1907.

In re INVESTIGATION OF SLEEPING CAR CHARGES.

Complaint was made to Governor James O. Davidson that holders of 500-mile books were being charged more for sleeping car tickets than ordinary passengers. In an interview Governor Davidson was quoted as saying, that the railroad companies were charging holders of these mileage books \$3.00, where the regular rate was only \$2.00 for sleepers from Chicago and St. Paul to points within this state. The Commission, on its own initiative, proceeded to investigate the charges and was informed that the real complainant was Tony Hein of Tony, Rusk county, Wis. At the Commission's request he gave the details of the alleged overcharges and stated that the C., St. P., M. & O. and the C. & N. railway companies had refused to sell him berth tickets through to destination, but made him buy tickets enroute from the point in Wisconsin where he presented his mileage book to the point of destination. In both cases, Pembine to Chicago and Minneapolis to Madison, the sum of these local charges exceeded the regular through rate to which complainant alleged he was entitled.

After an extended correspondence it developed that after Aug. 15, the date the Two-Cent Fare Law was to go into effect, the railway companies would sell interstate sleeping car tickets and interstate railway tickets at the rates charged for intrastate journeys.

No. 1023.

July 14, 1907.

*Anonymous.**vs.**C., M & St. P. Ry. Co.*

COMPLAINT REGARDING CONDITION OF ROAD-BED AND TRACK.

In the above entitled matter the Commission was informed of several slight accidents which had taken place on the branch

between New Glarus and Brodhead, alleged to be due to the condition of the track and road-bed.

The matter was taken up with the officials of the company, who informed the Commission that the matter was being investigated by the engineering department, and that necessary improvements would be made.

No. 1024.

July 29, 1907.

P. J. Chambers, vs. *C., St. P., M. & O. Ry. Co.*
R. F. D. 2, Eau Claire, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complainant, a shipper of berries residing near Eau Claire, complained that the above named company refused to accept berries for shipment to Duluth on Saturday; that the road will accept them on Sunday, but that it was impossible to secure pickers on that day; that while the road accepts them on Monday, it would not furnish refrigerator car service on that day; that in this way the shipper loses three days in each week on which he cannot ship.

The matter was taken up with the officials of the company, who advised the Commission that they would supply refrigerator cars on Saturday to be loaded with berries and shipped at owner's risk, which satisfied the complainant.

No. 1025.

July 30, 1907.

Frank Wallen, vs. *C. M. & St. P. Ry. Co.*
Lannon, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complaint alleged that the C. M. & St. P. Ry. Co. did not supply sufficient cars, bringing but one or two per day into Lannon for stone shipments, when forty are required to meet the needs of the situation. The matter was taken up with the railway company, resulting in improved conditions.

No. 1026.

July 30, 1907.

Victory Mercantile Co., vs. *C., St. P., M. & O. Ry. Co.*
Augusta, Wis.

ALLEGED DISCRIMINATION IN RATES.

Complainant herein alleged a discrimination against coal users at Augusta, in that the above named company charged a

rate of \$1.40 per ton on coal from Superior to Augusta, while it charged a rate of 90 cts. on coal from Superior to St. Paul and \$1.00 per ton from Superior to Eau Claire.

Complainant was advised that he could file a formal complaint, which would bring the matter to an issue before the Commission, but he failed to do this. A formal complaint involving the matter was subsequently filed, entitled *Erland Elbertson v. C., St. P., M. & O. R. Co.* 2 W. R. C. R. 593, and on July 9, 1908, a decision and order thereon was rendered reducing the rates from Superior to Augusta on hard coal from \$1.75 per ton to \$1.65 per ton and on soft coal from \$1.40 per ton to \$1.25 per ton.

No. 1027.

July 29, 1907.

*Wisconsin & Northern R. R. Co.,
Oshkosh, Wis.*

EMERGENCY RATES.

The company above mentioned applied for authority to issue a switching tariff of \$2.00 per car between industries on the C. & N. W. tracks and their own at Crandon, Wis. (G. F. D. No. 15, I. C. C. No. 13.)

Application approved.

No. 1028.

August 2, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY RATES.

The company applied for authority to make a rate of \$2.50 per car on logs, 50,000 minimum.

Application approved.

No. 1029.

July 19, 1907.

*Eau Claire Trunk Co.,
Eau Claire, Wis.*

ALLEGED EXCESSIVE INTERSTATE FREIGHT RATES.

This matter involved the question of interstate rates on coal between Jasonville, Ind., and Eau Claire, and was outside the jurisdiction of the Commission. The complainant was advised as to the rates in effect between the points in question, and the matter was informally taken up with the interstate commerce commission, but beyond this the Commission had no further jurisdiction, and the complainant was so informed.

No. 1030.

July 27, 1907.

*Christensen Brothers,
Dwight, Wis.*

SIDE TRACKS TO WAREHOUSE.

Christensen Bros. asked to be informed whether or not the railway company could be compelled to furnish a side track, if a co-operative warehouse and elevator were built and the owners thereof agreed to do the grading and lay the ties.

Held: Sec. 1802, Statutes of 1898, provides that the owner of any warehouse or elevator within yard limits of any station may, at his own expense, construct a railway track from such elevator or warehouse to such railroad and connect with the same by a switch at a point within the yard limits of such station, and the railroad company shall allow such connection; ch. 352 provides, under certain conditions, for the construction of a side track beyond yard limits.

No. 1031.

*John T. Gittings,
Union Grove, Wis.*

Formal complaint filed. See page 96 (*Smith et al. v. C., M. & St. P. Ry. Co.*, No. 195).

No. 1032.

July 20, 1907.

In re COMMODITY RATES.

The attention of the Commission had been called to a tariff of the C. & N. W. Ry. Co., known as G. F. D. 7100 A, superseding G. F. D. 7100, and complaint was made that this new tariff advanced the rates on various commodities between points in Wisconsin. A copy of the complaint was sent to the company, which submitted a copy of the old tariff showing the changes in detail, which exhibit was examined by complainant, who declined to file a formal complaint.

No. 1033.

July 29, 1907.

*Willow River Lumber Co.,
New Richmond, Wis.*

MINIMUM WEIGHT RULE.

Inquiry whether or not the C., St. P., M. & O. Ry. Co. is within its authority in charging 40,000 lb. minimum on car of

hard coal from Ashland, Wis., to New Richmond, when the contents of the car in question weighed but 36,400 lbs.

Held: The rules governing minimum weights to be charged are made by the railway companies themselves, subject to investigation as to their reasonableness by this Commission on its own motion or upon complaint. If the rule governing the charge in question is published as required by law, the company must enforce it. Shippers objecting to it may complain to the Commission.

No. 1034.

July 15, 1907.

W. C. Dow,

Sheboygan, Wis.

JURISDICTION OVER CLAIMS.

The above entitled matter was addressed to Governor James O. Davidson and was an inquiry as to the jurisdiction of this Commission over claims against railway companies. It being referred to this department, complainant was advised that claims against carriers are like all other unliquidated and disputed matters involving the payment of money, and that the legislature had not and could not confer upon such a body as this the powers of a court; that, notwithstanding the Commission's lack of jurisdiction, it is always glad to act as an intermediary in such matters and it believes that the settlement of many claims has been facilitated through its intervention.

See informal case 1043.

No. 1035.

Aug. 6, 1907.

Boston Land Co.,

Minneapolis, Minn.

Complaint that the Bonnell, Phelps, Hackley Lumber Company's logging road, running from Conover to Hackley, is a common carrier.

Complainant was advised that if it wished to bring the question to an issue, formal complaint must be filed. This not having been done, the matter is considered closed.

No. 1036.

Aug. 6, 1907.

Chicago, Milwaukee & St. Paul Ry. Co.

APPLICATION TO MAKE RATE RETROACTIVE.

On August 6, 1907, the applicant railroad company submitted its G. F. D. No. A 3078, dated June 19, effective July 1, and expiring Dec. 31, 1907, and asked to have the rate made effective July 1, 1907, so that some shipments already made would be protected.

The Commission having no power to grant this, the application was denied.

No. 1037.

July 15, 1907.

In re CONNECTIONS BETWEEN PASSENGER TRAINS OF C. & N. W. RY. AND M. P. & N. RY. TRAINS.

Complaint was made to the Commission that the C. & N. W. Ry. and M. P. & N. Ry. operated their trains so that connections were not satisfactory to the public.

Complainant was advised to file a formal complaint, which he declined to do, and requested that nothing further be done in the matter for the present.

See informal case 1091.

No. 1038.

Aug. 6, 1907.

Jeff. Teweles, vs. *Sturgeon Bay, Wis.**C. & N. W. Ry. Co.*

ALLEGED OVERCHARGE.

Complainant alleged that he was charged \$5.30 fare on Aug. 3, from Milwaukee to Sturgeon Bay, whereas the regular fare from Milwaukee to Green Bay was \$2.80, and the rate from Green Bay to Sturgeon Bay, via K., G. B. & W., is \$1.95, making a total of \$4.75.

The general passenger agent of the respondent company explained that, in the extensive revision of rates, the interline rates had not been changed as rapidly as was hoped, and that the rates charged was in error, and contrary to the general instructions issued to agents.

No. 1039.

Aug. 8, 1907.

Anonymous

vs.

C., M. & St. P. Ry. Co.

ALLEGED INADEQUATE TRAIN SERVICE.

A verbal complaint was lodged with the Commission to the effect that the train from La Crosse and the train leaving McGregor for Madison in the afternoon did not make connections, though there was only a few minutes' difference in the time of departure of the two trains.

The officials of the railway company explained that it was impossible to make any different schedule, owing to the connections which would be disturbed if the time of either train were changed.

No. 1040.

Aug. 10, 1907.

D. J. Brandheim et al.,

vs.

*C., M. & St. P. Ry. Co.**Abrams, Wis.*

ALLEGED INADEQUATE TRAIN SERVICE.

Complainant submitted a petition signed by himself and 20 other citizens of Abrams, asking that the above named company stop its north-bound train No. 3 and south-bound train No. 2 at that station.

The matter was taken up with the officials of the company, who stated that it would be impossible to operate the trains on schedule time if the request were complied with, since the heavy interstate mail and traffic business depending upon these trains required that they be operated on strict schedule time.

The complainants were informed of these facts and advised that they must file a formal complaint if they wished the Commission to act in the matter.

No. 1041.

July 27, 1907.

*Brown Brothers Lumber Co.,**Rhineland, Wis.*

ALLEGED OVERCHARGE.

Submitted and withdrawn.

No. 1042.

Aug. 8, 1907.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATE.

Application was made for authority to issue rate of \$1.00 per 1,000 on saw logs, 10 feet in length, C. L. minimum 4,000 feet per car, Velasco and Glenbrook to Merrill.

Application approved.

No. 1043.

Aug. 10, 1907.

W. C. Dow, vs. *C., M. & St. P. Ry. Co.*
634 Huron street, Sheboygan, Wis.

LOSS OF SHIPMENT IN TRANSIT.

Complainant advised the Commission that on Sept. 4, 1906, G. Morrison shipped to him from Portage a consignment of household goods, among which was a bed spring which was lost in transit. That the spring was lost in transit seems to have been admitted by the agent at Portage.

Mr. Ellis replied to the Commission's inquiries that the matter had become temporarily side-tracked somewhere and enclosed a check for \$12 to liquidate the claim.

See informal case 1034.

No. 1044.

Aug. 9, 1907.

W. H. Pipkorn, vs. *C. & N. W. Ry. Co.*
11th ave. and Washington street,
Milwaukee, Wis.

AUTHORITY TO MAKE REFUND.

The railway company, through an oversight, failed to put into effect the rate of 10 cts. on wrapping paper, as found in Tariff C-1303. The Menasha Paper Co. shipped from Menasha to Ladysmith, March 1, 1907, and the railroad desired to protect the shipper in this instance.

Held: The Commission has only limited jurisdiction in the matter, and sec. 1797-37m, of the Laws of 1907, went into effect after the claim had accrued.

No. 1046. Aug. 7, 1907.
Scott & Hall, vs. *C., M. & St. P. Ry. Co.*
Rio, Wis. *C. & N. W. Ry. Co.*

JOINT RATES.

Complainants, potato shippers at Rio, Wis., asked the Commission to establish a joint rate on potatoes from that station and from Doylestown to certain points in Illinois. The matter was outside the jurisdiction of the Commission and complainants were so informed. The matter was taken up informally with the officials of the company, who submitted explanations satisfactory to the complainants, who withdrew their complaint.

No. 1047. Aug. 12, 1907.
A. H. Krouskop, vs. *C., M. & St. P. Ry. Co.*
Richland Center, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rate on salt in carload lots is excessive as compared with the rate on cement and as compared with the rate on salt in Illinois.

The railroads defended the rate as fairly reasonable, and the complainant desired to be informed whether the matter could go to a hearing without the filing of a formal complaint. He was advised that this was necessary, and as it was not done the matter is closed.

No. 1048. Aug. 13, 1907.
A. L. Thomas, vs. *C. & N. W. Ry. Co.*
109 Pearl St., Green Bay, Wis.

ALLEGED OVERCHARGE.

The complainant alleged that he had been overcharged on a local shipment of potatoes from Pensaukee to Munising, Mich. The rate charged was 48 cts. per cwt., while the rate from Green Bay to Minising is only 28 cts. per cwt., though the latter is a greater haul.

Correspondence developed the fact that the correct rate was 30 cts., and settlement was presumably made on that basis.

No. 1049.

Aug. 12, 1907.

John Luchsinger,
Monroe, Wis.

vs.

C., M. & St. P. Ry. Co.
I. C. R. R. Co.

ALLEGED ILLEGAL INCREASE OF RATES.

Complainant alleged that the two roads in question had raised the rates on cheese from Monroe to Chicago from 20 cts. to 23 cts. without notice.

Brief correspondence disclosed the fact that the complainant had been misinformed, and that the lower rates were still in effect.

No. 1050.

S. P. Carlson,
Bennett, Wis.

Formal complaint filed. See page 107.

No. 1051.

Aug. 14, 1907.

Menomonie Hydraulic Press Brick Co.,
Menomonie, Wis.

ALLEGED OVERCHARGE.

The complainant by its attorney, C. E. Freeman, maintained that it was entitled to a refund on a car of brick of 60,000 lbs. capacity when only 40,000 lb. car was ordered. The actual weight was less than 50,000 lbs., but the charge was made on the basis of 50,000 capacity. The shipment was from Menomonie, Wis., to Rutland, S. D.

Held: 1. Matter is interstate in character, and outside of jurisdiction.

2. The rate charged was according to the legally published tariff, which provides for a minimum of 50,000 lbs.

No. 1052.

Aug. 12, 1907.

Gerrit Rexwinkle,
Waupun, Wis.

vs.

C., M. & St. P. Ry. Co.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rate on potatoes, Waupun to Milwaukee, 22 cts., per cwt., is excessive, since a Waupun-Kansas City haul takes only a 25 ct. rate.

The matter was investigated and the complainant informed that the rate Waupun to Kansas City is 45 cts. per cwt.

No. 1053.

E. B. Homstad,
Westby, Wis.

Formal complaint filed. See page 95.

No. 1054.

Aug. 17, 1907.

Wisconsin Central Railway Company.

EMERGENCY RATE.

Application for authority to make effective immediately a rate of \$1.40 per ton on hard coal, from Ashland to Chippewa Falls and Eau Claire, to meet the rate contained in Omaha tariff N. C. 575, from Duluth.

Application approved.

No. 1055.

Aug. 16, 1907.

N. Graber & Son, vs. *C., M. & St. P. Ry. Co.*
Mineral Point, Wis.

ALLEGED DAMAGE TO SHIPMENT OF HORSES.

The complainant put in a claim for damage to shipment of horses from Mineral Point to Chicago, some of which were injured and one of which was killed in a wreck.

After extensive correspondence the Commission was advised that a satisfactory adjustment had been reached.

No. 1056.

Aug. 16, 1907.

In re ALLEGED ILLEGAL ISSUANCE OF PASSES.

Verbal complaint was lodged with the Commission to the effect that the Southern Wisconsin Railway Co. was carrying some individuals free, contrary to law. The president of the company replied denying the charge and alleged that the complainant was misinformed. Nothing further than a bare and unsupported statement being offered, the matter is closed.

No. 1057.

Aug. 16, 1907.

Underwood Veneer Co.,
Wausau, Wis.

CLASSIFICATION OF VENEERING.

Complaint herein alleged that the classification of veneering on Wisconsin railroads is unjust.

A complaint blank sent to the above company for signature was not returned, and the matter is closed.

No. 1058.

Aug. 16, 1907.

The Eagle Manufacturing Co., vs. C. & N. W. Ry. Co.
Appleton, Wis.

ALLEGED OVERCHARGES.

Complainant alleged that the C. & N. W. Ry. Co. had charged a minimum of 5,000 lbs. on a gasoline engine weighing 2,850 lbs., five feet eleven inches wide, shipped on trucks, from Appleton to Sheboygan.

An investigation developed the fact that the shipment was governed by rule 17-B of the western classification, providing that where less than carload shipments cannot be loaded through the door of a 36-foot car, a minimum weight of 5,000 lbs. shall apply at the first class rate.

Held: The rates charged are correct, according to the legally published tariff.

No. 1059.

Aug. 5, 1907.

Wisconsin Central Ry. Co.

APPLICATION FOR AUTHORITY TO MAKE A REFUND.

The W. C. Ry. Co., at the request of the Winnebago County Asylum, entered into a contract with that institution to furnish cinders shipped from North Fond du Lac to the said hospital, at a charge of \$5.00 per car and a special commodity rate. At the request of the institution a number of shipments, were made, but the company had failed to make application and publish this special rate. The application was for authority to charge at the special rate indicated above.

Held: It is impossible to suspend the operation of the law prohibiting any but the legally published tariff rate being charged. Ch. 582, Laws of 1907, providing a remedy under such circumstances, had not gone into effect when the shipment was made.

No. 1060.

Aug. 21, 1907.

In re ILLEGAL ISSUANCE OF PASS.

Complainant alleged that the sheriff of Sauk county was in the employ of the railway company as a brakeman, and desired to be informed whether it was legal for the railroad company to issue an annual pass to an employe who was also a public officer.

Held: 1. The C. & N. W. Ry. Co. reports to this Commission the names of all persons to whom it issues railway passes, and such reports do not contain the name of the person in question.

2. The attorney general, on July 25, 1905, in reply to an inquiry by this Commission, held that a public official, who was also an employe of a railway company, could not use a railway pass, even when traveling on the business of the railway company, his employer. Atty. Genl. Biennial Rept. and Opinions, page 448.

No. 1061.

J. A. Schwartz & Son,
Troy Center.

Formal complaint filed. See page 98.

No. 1062.

H. H. Connor,
Sun Prairie, Wis.

vs.

Aug. 23, 1907.
C., M. & St. P. Ry. Co.

ALLEGED OVERCHARGE.

Complainant alleged that he was required to pay \$2.00 per ton for a car of soft coal shipped from Decatur, Ill., to Sun Prairie, Wis., via the Illinois Central and C., M. & St. P. railways, whereas in the past he had been charged only \$1.75 a ton.

An investigation of the tariffs showed that the legally published tariff rate was \$2.00 per ton.

No. 1063.

Village of Reedsville.

Aug. 21, 1907.

OPENING OF HIGHWAY OVER RAILWAY.

The authorities of the village of Reedsville, Manitowoc county, complained that the C. & N. W. Ry. Co. refused to open a proposed highway, which the authorities contended had been laid out over fifty years ago. A question of fact between the village authorities and the railway company was at issue in this controversy, and is still in dispute. The matter is now being investigated by the legal department of the railway company involved.

No. 1064.

Aug. 26, 1907.

The Nelson Manufacturing Co., vs. *C. & N. W. Ry. Co.*
Deerfield, Wis.

RATES.

Oral complaint to the effect that the rate on plain and heavy castings, Layton Park to Deerfield, had been raised from 10 cts. per cwt. to 31 cts. per cwt.

An investigation developed the fact that the charge of 10 cts. per 100 lbs. on the original shipment was an error, and that 31 cts. per 100 lbs. was the legally published tariff rate on the commodity in question between the points named.

No. 1065.

O. P. Schnetzky,
Elkhart Lake, Wis.

Transferred to informal utility file No. 4.

No. 1066.

Aug. 22, 1907.

In re COAL RATES.

The Merchants' and Manufacturers' Association of the city of Milwaukee complained to the Commission that the railway companies discriminated against Milwaukee in the matter of rates on coal, as compared with the rates from Duluth, Superior, Ashland, Eau Claire, Chippewa Falls and Menomonie. After some correspondence with the complainants, a conference was arranged between the representatives of the complainants and this Commission, and the question of coal rates was discussed at length. It was suggested that a formal complaint should be filed by the association, which the association took under advisement.

No. 1067.

Aug. 21, 1907.

S. M. Knudson,
Mondovi, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that he was charged more than the legal rates on a mixed carload of barley and wheat, Mondovi to Chicago.

An investigation showed that complainant was charged the legally published tariff rate and he was so informed.

No. 1068.

Aug. 23, 1907.

Frank L. Aiken,
Onalaska, Wis.

JURISDICTION OVER INTERURBAN RAILWAYS.

Complainant alleged that the Onalaska and La Crosse Street Ry. Co. was charging an excessive rate of fare between La Crosse and Onalaska, and wished to be advised whether this Commission had jurisdiction over interurban railway companies.

Held: The jurisdiction of the Commission extends to street and interurban railway companies.

See *City Onalaska vs. Onalaska and La Crosse St. Ry. Co.* Formal case No. 224, p. 111.

No. 1069.

Aug. 23, 1907.

Thomas Butler, vs. *Dunbar & Wausaukee Ry. Co.*
Wausaukee, Wis.

ALLEGED EXCESSIVE PASSENGER AND FREIGHT RATES.

Complainant alleged that the passenger rates and the freight rates on lumber, charged by the Dunbar & Wausaukee Ry. Co. between Girard Jet. and Phillipsburg, were excessive.

Investigation of the tariffs disclosed the fact that no rates had been filed to cover the shipments and transportation in question, and the company was requested to file the tariffs immediately. The matter is still in abeyance.

No. 1070.

W. A. Doyle,
Menomonie, Wis.

Transferred to informal utility file No. 5.

No. 1071.

July 19, 1907.

Oshkosh Fuel Co., vs. *C. & N. W. Ry. Co.*
Oshkosh, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a car of cord wood, shipped from Elmhurst to Appleton. The tariffs governing this shipment provide for a minimum carload of 30,000 lbs., and the car, as actually weighed, showed a capacity of but 26,000 lbs. Alleging that the car furnished would not hold the mini-

imum required in the tariff, the complainants made a claim for overcharge.

The railway company denied that the claim was valid and referred the Commission to a recent decision in a California case against the Santa Fe Railway Company, in which it was decided that the failure to supply a car of the required capacity did not justify the railroad company in making a rebate, but, on the other hand, subjected the company to a fine for violation of the Elkins Act.

The Commission informed the complainant of the attitude of the company in the matter and pointed out its limited jurisdiction in the matter of claims.

No. 1072.

Aug. 23, 1907.

Fisher & Gillies,

vs.

C., M. & St. P. Ry. Co.

Evansville, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that the C., M. & St. P. Ry. Co. exacted a charge of \$5.36 for a passenger ticket from West Madison to Chester, Iowa.

The complainants were informed that the matter was outside of the jurisdiction of the Commission, involving a charge for interstate transportation, but that the Commission would investigate the matter.

The agent of the respondent railway company informed the Commission that the interstate fares were then being reduced, but that the adjustment had not yet been made throughout the entire system. The explanation was forwarded to the complainant.

No. 1073.

Aug. 24, 1907.

F. E. Myers & Bro.,

vs.

Wis. Car Service Assn.

101 West Water St.,

Milwaukee, Wis.

ALLEGED INSUFFICIENT TIME FOR UNLOADING.

Complainant herein called the attention of the Commission to the fact that only forty-eight hours free time was allowed in which to unload cars in Milwaukee.

Complainant was advised to file a formal complaint, but the same was never filed. The same matter, in so far as it affects

grain, subsequently came before the Commission on complaint filed by the Milwaukee Chamber of Commerce.

No. 1074.

City of Superior.

Transferred to informal utility file No. 6.

No. 1075.

Aug. 23, 1907.

Higgins Spring & Axle Co.,

Racine, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the commodity rates on springs and axles to various points in Wisconsin from Racine had been withdrawn, and that the rate from Racine to Madison had been raised from 10 cts. per 100 lbs. to 25 cts. per 100 lbs. The complainant wished to know whether the railroad company was acting within its rights in raising these rates.

Held: That under the Railroad Commission Law the railroad companies may raise their rates by filing schedules showing such rates with the Commission ten days before they become effective, and the complainant's remedy is to file a formal complaint.

Blanks were enclosed, but a complaint was not filed. The same matter was taken up subsequently in a formal proceeding by the Harvey Spring Company. See page 115. See *in re* Wiedenbeck, informal case No. 1108.

No. 1076.

Aug. 22, 1907.

Medford Fruit Package Co.,

Medford, Wis.

ALLEGED FAILURE TO PUBLISH JOINT RATES.

The complainant alleged a lack of traffic agreements between the roads in this state on shipments in carload and less than carload lots.

The Commission advised the complainant to file a formal complaint, but it was not filed.

No. 1077.

Aug. 23, 1907.

*A. S. Hawley, vs. Mineral Point & Northern Ry. Co.
Mineral Point, Wis.*

ALLEGED EXCESSIVE CHARGES.

This complaint involved a \$5 demurrage charge on a car of sand, shipped from Janesville to Mineral Point. The complainant alleged that he was not informed of the arrival of the car, and that the charge for demurrage was therefore unjustifiable.

The respondent railway company denied that the complainant did not receive proper notice.

Held: 1. In the matter of claims: The jurisdiction of the Commission is limited to an investigation and a report to the legislature in its discretion.

2. In such cases the Commission has acted and will continue to act as an intermediary, securing adjustments wherever possible; that in matters involving disputed questions of facts, if the parties cannot agree, the only recourse lies in the courts.

No. 1078.

In re MINIMUM CHARGE ON PACKAGE FREIGHT.

Formal complaint filed. See page 95.

No. 1079.

Aug. 24, 1907.

*W. W. Cook,
Chetek, Wis.*

INQUIRY CONCERNING JURISDICTION OF THE COMMISSION.

The complainant inquired whether the Railroad Commission Law conferred upon this Commission jurisdiction over the question of car supply, and was referred to sec. 10, ch. 362, Laws of 1905, as amended, governing such cases.

No. 1080.

*Fred Klaus,
Winneconne, Wis.*

Transferred to informal utility file No. 7.

No. 1081.

Aug. 20, 1907.

*A. I. Tilseth,**Menomonie, Wis.*

EIGHT HOUR LAW.

Complainant inquired as to the applicability of ch. 575, Laws of 1907, known as the Telegraphers' Hours of Labor Law, to a railroad office where there are but two trains a day, one at 7:10 a. m. and the other at 4:15 p. m.

The question was submitted to the attorney general, but in view of the fact that the law was not to go into effect until Jan. 1 following, the latter refused to render an opinion at that time.

The matter having since come before the supreme court, the law was held to be unconstitutional. See *State v. C., M. & St. P. Ry. Co.*, N. W. Rep. 686.

No. 1082.

Aug. 27, 1908.

Duluth, South Shore & Atlantic Ry. Co.

FULL CREW LAW.

A. E. Miller, attorney for the above mentioned railway company, wished to be informed as to the applicability of ch. 402, Laws of 1907, relating to crews for passenger trains, to trains operated upon his company's line. It appeared that most of the passenger trains have but two coaches in addition to baggage, sleeping and dining cars. A literal construction of the law would require two brakemen on each of the trains, because the baggage cars bring the total in excess of three cars, as provided in the act.

The question was submitted to the attorney general, and an extract of his opinion follows:

"It appears to me that there is no latitude of construction permissible in regard to this statute. The statute plainly says that trains of three cars or more shall have at least two brakemen; that the train may be made up of baggage cars, express cars, sleeping cars or dining cars cannot, as I see it, make any difference if the train itself is what may be denominated as 'passenger train.' I therefore hold that passenger trains composed of more than three cars must have two brakemen."

The ruling of the attorney general was submitted to the railway company.

No. 1083.

Aug. 22, 1907.

*G. M. Sheldon,**Tomahawk, Wis.*

INQUIRY CONCERNING CROSSING LAW.

The complainant, as attorney for the town of Cassian, asked whether the Commission had any jurisdiction under ch. 120, Laws of 1907, in a case where a town desired to construct a highway over a railway track.

He was advised the Commission had no such jurisdiction.

No. 1084.

Aug. 27, 1907.

*J. B. Wells,**vs.**M., St. P. & S. Ste. M. Ry. Co.**Brantwood, Wis.*

MISQUOTATION OF RATES.

Complainant, by his attorney, alleged, that having a large amount of bark to ship he asked the agent of the defendant company for the rate to Milwaukee, being informed that the rate was 10 cts. per 100 lbs., which was in error, the legally published tariff rate being 15 cts. per 100 lbs. Relying on the information he received, he sold the bark to tanners delivered f. o. b. Milwaukee. When the shipment was made, the railway companies collected freight at the legal rate. As the amount which the bark netted the complainant was less by 4 cts. per 100 lbs. than its value at Brantwood, complainant demanded that the railway company should pay the amount of the loss caused by its agent's erroneous quotation of the rate; the claim was denied by the railway company and this Commission was applied to for assistance.

Held: 1. The Commission has no jurisdiction over claims except to investigate and report, in its discretion, to the legislature.

2. The question whether a carrier is liable for damages resulting to a shipper caused by a misquotation of rates by an agent of the carrier, is one which has been determined by the U. S. supreme court. *T. & P. Ry. Co. v. Mugg*, 202 U. S. 242; *G. C. & S. F. Ry. Co. v. Hefley*, 158 U. S. 98. In the former case an agent of the railway company inadvertently quoted the plaintiff a rate on a shipment then in contemplation, that was lower than the published rate; in the latter case

an agent of the defendant railroad company not only named to the plaintiff a rate lower than the lawfully published rate, but inserted the erroneous lower rate in the bill of lading that was issued for the movement. In each case the supreme court of the United States held that the published tariff controlled, and that the lawfully published rate was the rate to be applied and collected on the shipment, notwithstanding the erroneous quotation of another and lower rate.

See *Sandquist vs. M., St. P. & S. S. M. Ry. Co.*, informal case No. 1099.

No. 1085. Aug. 27, 1907.
Harry Lawler, vs. *C. & N. W. Ry. Co.*
Chicago, Ill.

See *Jefferson Ice Co. v. C. & N. W. Ry. Co.*, 2 W. R. C. R. page 431.

No. 1086. Aug. 27, 1907.
Hawthorne, Nebagamon & Superior Ry. Co.,

NOTICE OF DISCONTINUANCE AS COMMON CARRIER.

The above named railway company, operating a logging road, informed the Commission that after Sept. 1, 1907, it would discontinue receiving passengers and freight and would abandon its tracks, as the timber which it carried had been exhausted. The Commission asked to be informed whether such discontinuance would work any hardships upon the settlers in that vicinity. A reply was received in the negative, as the territory was well served by other railways. The Commission has been informed that the road has been dismantled.

No. 1087. Aug. 30, 1907.
Residents of Mauston vs. *C., M. & St. P. Ry. Co.*

STATION FACILITIES.

A petition, signed by some hundred or more citizens of Mauston, was addressed to the Commission asking that suitable shelter be erected at the station at Mauston to protect the traveling public from storms.

The commerce counsel of the railway company, upon having his attention called to the situation, informed the Commission that the operating department intended to proceed with

the improvement of the station facilities at Mauston in due course of time.

The complainants declined to make a formal complaint.

No. 1088.

Aug. 27, 1907.

Upham & Agler, vs. *C., St. P. M. & O. Ry. Co.*
American Trust Building,
Chicago, Ill.

ALLEGED OVERCHARGE.

Complainants alleged that they had been overcharged on a carload of lumber shipped from Stanley, Wis., to Janesville, via the C. & N. W. Ry. The charge exacted was 11½ cts., Stanley to Janesville, whereas a rate of only 10 cts. was in effect from Stanley to Chicago. Inasmuch as Janesville is an intermediate point, complainants contended that they were entitled to a refund of the excess charge of 1½ cts. per 100 lbs.

The railroad officials explained that the lower rate to Chicago was due to water competition, and the complainant was informed that the long and short haul rule did not obtain in Wisconsin, and that the shipment moved upon a legally published tariff rate. The road was therefore justified in declining the claim.

No. 1089.

Aug. 30, 1907.

A. G. Langenbach, vs. *C., M. & St. P. Ry. Co.*
La Crosse, Wis.
F. Burkhardt, vs. *C., M. & St. P. Ry. Co.*
Keposkee, Wis.

COMPLAINT OF TRAIN SERVICE.

Complainants alleged the failure of the C., M. & St. P. trains to make connections at Portage. Northern division train No. 506, due to leave Portage at 3:50 p. m., according to the allegations, failed to make connections with La Crosse division train No. 6, due at Portage at 3:45 p. m.

The officials of the railway company advised the Commission that, according to the regulations, the former train was supposed to wait at Portage twenty minutes for connections; that owing to necessary connections in Milwaukee, a longer wait

was impossible. The complainants reiterated their complaint, alleging that the train had not waited the required time, and the latter complainant put in a claim of \$5.00, which represents his damages on account of failure to make those connections at Portage on Aug. 29, 1907.

The Commission had no power to enforce any claim of this kind, but further correspondence with the railway company resulted in an adjustment, whereby the Northern division train, No. 506, is compelled to wait thirty minutes instead of twenty, as had been the rule previously. The adjustment was apparently satisfactory to the complainants, as nothing further was received from them.

No. 1090.

John A. Salzer Seed Company,
La Crosse, Wis.

Formal complaint filed. See page 101.

No. 1091.

W. H. Shepherd,
Linden, Wis.

vs.

Aug. 26, 1907.

C. & N. W. Ry. Co.,
Mineral Point & Northern Ry. Co.

TRAIN SERVICE.

The complainant, representing citizens of Linden, complained of the passenger train connections by the C. & N. W. and M. P. & N. railways at Whitson Jet.

The complainant was advised to file a formal complaint, for which blanks were inclosed.

See informal case No. 1037.

No. 1092.

Frank Wallin,
Lannon, Wis.

vs.

Sept. 3, 1907.

C., M. & St. P. Ry. Co.

ALLEGED EXCESSIVE RATES.

Complainant alleged that the rates on crushed stone, in force between Lannon and Milwaukee, were excessive. He was informed that those rates were then before the Commission on complaint of Davis Brothers Stone Company and Lake Shore Stone Company. Complainant was later advised of the with-

drawal of these two complaints, and a suggestion was made that he file a complaint covering the matter, which he declined to do.

No. 1093.

Aug. 24, 1907.

Shawano Fuel Co., vs.
Shawano, Wis.

C. & N. W. Ry. Co.

ALLEGED EXCESSIVE CHARGES.

Complaint 1. That the commodity rate on soft coal between Green Bay and Shawano is in excess of the distance tariff rate.

2. That the C. & N. W. Ry. Co. and the Wis. & Nor. R. R. Co. maintain no switching tariff between their tracks at Shawano.

Held: 1. The commodity tariff rate on soft coal, C. L., Green Bay to Shawano, is 75 cts. per ton, while the distance tariff rate for that distance (38 miles) is \$1.00 per ton.

2. The C. & N. W. Ry. Co. advised the Commission of its intention to put into effect a tariff covering interchange switching at Shawano, and complainant was so informed.

No. 1094.

Sept. 1, 1907.

Mueller Brothers, vs.
Portage, Wis.

C., M. & St. P. Ry. Co.

ALLEGED EXCESSIVE RATES.

The complainants alleged that for the past three months they had been required to pay 26 cts. a hundred on monuments, Melrose, Minn., to Portage, Wis., as compared with a rate of 14½ cts. previous to about June 1.

An inspection of the tariffs filed by the railroad company, and correspondence with the tariff department of several roads, failed to disclose the fact that the rate had been changed.

Subsequent investigation proved that the complainant was under a misapprehension as to the rate in effect, since the lower rate charged previously applied only upon paving blocks in carloads, minimum weight of 30,000 lbs., and that the rate of 26 cts. was correct, as applied to stone, traced, chiseled, dressed, or polished.

Held: That the rates charged were the legally published tariff rates.

No. 1095.

N. J. Balkins

Sheboygan, Wis.

See formal complaint, *City of Sheboygan v. Sheb. Lt. P. & Ry. Co.*, page 109.

No. 1096.

Sept. 3, 1907.

Joseph Stoneman,

Forestville, Wis.

STOPPAGE IN TRANSIT PRIVILEGE.

Complainant inquired: "What right has a shipper of car-load lots of live stock in loading, unloading and filling out at different stations?"

Held: The stoppage in transit rule, as given in W. T. L. circular, reads as follows: "Cars loaded with live stock may be stopped once in transit to finish loading when stopping station is on a direct line between point of shipment and destination, at a charge of \$5.00 per car in case of horses and mules, and \$2.00 per car for cattle, hogs and sheep. Such stop to be limited to 48 hours, and no portion of the contents of the car, as loaded at the original point of shipment, is to be left at the stopping point."

No. 1097.

Sept. 3, 1907.

Mandt Wagon Company,
Stoughton, Wis.

vs.

C., M. & St. P. Ry. Co.

ALLEGED EXCESSIVE RATES.

The C., M. & St. P. Ry. Co. withdrew its commodity rates on articles of iron and steel, manufactured or in raw condition, between points in Wisconsin. The new rates were the cause of somewhat general complaint among wagon manufacturing establishments, and, yielding to the demand for a lower rate, the representative of the C., M. & St. P. Ry. Co. wrote to the Commission as follows:

"I am advised that within a very short time commodity tariffs will be issued, making a rate of 12 cts. on these articles from Milwaukee and Chicago to Stoughton, Rockford, Freeport, Janesville and other points."

This suggestion evidently satisfied the complainant.

No. 1098.

T. M. Holland,

Park Falls, Wis.

Transferred to informal utility file No. 8.

No. 1099.

Sept. 3, 1907.

Alfred Sandquist,

vs.

M. St. P. & S. S. M. Ry. Co.

Brantwood, Wis.

ALLEGED OVERCHARGE.

The complainant had shipped to Milwaukee, via the M., St. P. & S. S. M. and C. & N. W. roads, a number of carloads of tan bark, previous to the effectiveness of a 12 ct. rate on tan bark from Brantwood to Milwaukee, although such a rate was in effect from Prentice to Milwaukee.

The complainant was informed by the Commission and by the officials of the railway company, after an investigation of the files disclosed the issuance of a 12 ct. rate, that he could ship tan bark to Milwaukee under the lower rate, but that the past shipment had been made while the higher rate of 15 cts. was still in effect from Brantwood to Milwaukee, and that, in order to have the benefit of the lower rate, the shipment should have been routed via Prentice.

See *Wells vs. M., St. P. & S. S. M. Ry. Co.*, informal case No. 1084.

No. 1100.

Sept. 3, 1907.

Laemle & Foster,

vs.

C. & N. W. Ry. Co.

Marshfield, Wis.

ALLEGED OVERCHARGE.

The complainants alleged that they had been overcharged on three cars of hay, shipped over the lines of the C. & N. W. Ry. Co.

An investigation indicated that there had been an overcharge of one-half cent per 100 lbs. on a shipment of 60,000 lbs., and 12½ cts. on 4,000 lbs., making a total overcharge of \$8.00.

The Commission was afterwards informed by the complainants that the claim had been adjusted by the railway officials.

No. 1101.

In re MINIMUM CHARGE ON PACKAGE FREIGHT.

Formal complaint filed. See page 95.

No. 1101a.

*Clear Lake Telephone Co.,
Clear Lake, Wis.*

Transferred to informal utility file No. 9.

No. 1102.

Aug. 31, 1907.

*Valders Lime & Stone Co.,
Valders, Wis.*

COST OF CONSTRUCTING SPUR TRACK.

Valders Lime & Stone Company addressed to the Commission an inquiry as to which party would have to stand the cost of constructing the side track from a point on the main line of the railroad to the private manufacturing plant.

Held: That the entire cost must be borne by the owner of the manufacturing plant.

No. 1103.

Sept. 3, 1907.

*Mineral Point Zinc Co.,
Chicago, Ill.*

COMMODITY RATES.

Complainant inquired of the Commission whether transportation companies are permitted to establish a commodity rate which is greater than the rates named in "the Commission's distance tariff."

Held: The Wisconsin Railroad Commission makes no rates in the first instance. All rates are first made by the railways themselves, subject to change on investigation on motion of the Commission or on complaint of shippers after hearing; that the Commission has made no distance tariff.

No. 1104.

Sept. 2, 1907.

Stanley, Merrill & Phillips Ry. Co.

EMERGENCY RATE.

The above railway company applied for authority to make a rate, Gilman to Chippewa Falls and Eau Claire, on cord wood, pulp wood and slab wood, the same to be effective immediately.

Application approved.

No. 1105.

Sept. 2, 1907.

Stoughton Wagon Co., vs. *C., M. & St. P. Ry. Co.*
Stoughton, Wis.

ALLEGED EXCESSIVE RATES.

The complainant and numerous other wagon manufacturers in the state complained of the discontinuance of the L. C. L. commodity rate on iron and steel and other raw materials entering into the manufacture of wagons. The railway company informed the Commission that the 10 ct. commodity rate on iron and steel and raw materials would be restored. This adjustment satisfied the complainant.

No. 1106.

Sept. 2, 1907.

E. L. Edmonds, vs. *C., M. & St. P. Ry. Co.*
Brokaw, Wis.

COMPLAINT ALLEGING OVERCHARGE ON PASSENGER FARE.

The complainant, holder of a 1000-mile ticket at the time when the Two-Cent Passenger Fare Law went into effect in this state, presented his ticket in accordance with the instructions published by railroad companies for redemption. There were 326 miles left in the book, for which the company paid him \$4.78, deducting half a cent per mile on all mileage that was used up to that time. Correspondence with the officials of the railway company resulted in an adjustment on a basis of \$8.15 for all unused mileage, which was in accordance with the claim made herein.

No. 1107.

Sept. 5, 1907.

In re ALLEGED VIOLATION OF ANTI-PASS LAW.

Complainant informed the Commission that a certain city official had been given a permit to ride on the engines of a railway company and inquired whether the issuance of such a pass was not in direct violation of the Anti-Pass Law. Inquiries addressed to the officials of the railway company elicited the following reply:

“People who have transportation are not permitted to ride on the engines without a permit therefor, and people who have permits are not allowed to ride there without transportation.”

This explanation apparently set at rest the doubts of the complainant as to the legality of the permit given to the city official.

No. 1108.

Sept. 4, 1907.

*Wiedenbeck, Dobelin & Co.,
Madison, Wis.*

ALLEGED EXCESSIVE RATES.

The complainants in this matter questioned the right of the railway company to advance the rates on local shipments of springs and axles from 10 cts. per cwt. to 25 cts. per cwt., especially in view of the fact that this advance had gone into effect only within the state of Wisconsin. The Commission was asked to investigate the advance in rates and in reply sent formal complaint blank with instructions to fill out and file the same, which was never done.

See *In re Higgins Spring and Axle Co.*, informal case No. 1075.

See *Harvey Spring and Axle Co.*, formal case page 115.

No. 1109.

Sept. 9, 1907.

P. Hohenadel, Jr. & Co., vs. *C. & N. W. Ry. Co.
Janesville, Wis.*

ALLEGED OVERCHARGE.

Complainant is a shipper of pickles from Shennington and Necedah, Wis., to Janesville. In the spring of 1905, the C. & N. W. Ry. Co. quoted complainant a rate of 9 cts. per 100 lbs. and promised to arrange for a publication of such rate if the same was satisfactory to the complainants. Complainants allege that they expressed themselves as being satisfied with the rate, but that publication of the same was overlooked and that the shipments of cucumbers from the two points above mentioned to Janesville were charged on the basis of 14 cts. per 100 lbs. Their claim for overcharge amounted to \$281.50.

Held: That the shipment was made on a date previous to the establishment of the Commission, and that the law, covering the matter of claims in cases like the present one, passed at the last session of the legislature, was not made retroactive, and that therefore there was no way to afford them any relief.

See informal case No. 1084.

No. 1110.

Sept. 5, 1907.

*J. A. Peabody, Signal Engineer, C. & N. W. Ry. Co.,
Chicago, Ill.*

INQUIRY CONCERNING LAW GOVERNING CROSSINGS.

Complainant inquired whether the last legislature had passed a law requiring the protection of all road crossings in the state of Wisconsin by crossing bells.

His attention was called to subdivision D, sec. 12, ch. 362, Laws of 1905.

No. 1111.

Sept. 9, 1907.

Village of Mt. Horeb, vs. C. & N. W. Ry. Co.

VIADUCT OVER RAILROAD TRACKS.

The village authorities addressed the Commission for the construction of the law as to a viaduct over the railroad tracks of the C. & N. W. Ry. on Sixth street in the village of Mt. Horeb. They wished to be informed whether there was any way of compelling a railroad company to construct said viaduct. The Commission referred the matter to the attorney general. Some correspondence was had with the authorities subsequently, and the matter is still pending.

No. 1112.

Sept. 7, 1907.

*H. P. Christ, vs. C., M. & St. P. Ry. Co.
Madison, Wis.*

COMPLAINT ALLEGING OVERCHARGE.

Complainant, a shipper of posts, alleged 1, that he was quoted a rate of 9.5 cts. from Wausaukee to Shullsburg, and, relying upon that statement, made a large shipment of fence posts; upon arriving at their destination the consignment was charged at the rate of 12.5 cts. per cwt. 2. That cars were overweighed.

Held: 1. The legally published tariff rate, as shown by the schedules on file in this office, is 12.5 cts. per cwt., and under a ruling of the supreme court of the United States, an erroneous quotation of a lower rate to a shipper does not justify a recovery, on the basis of the lower rate quoted, from the railroad company. See informal case No. 1084, *Wells v. M., St. P. & S. S. M. Ry. Co.*

2. The Commission has jurisdiction over the matter of weights, and a formal complaint relating to that matter will be considered.

No. 1113.

Sept. 6, 1907.

L. N. Clausen,
Washburn, Wis.

ALLEGED OVERCHARGES.

Complainant alleged that the C., St. P., M. & O. Ry. Co. charged him 14 cts. on a box shipped from Madison to Washburn, upon which 26 cts. had been prepaid. He was informed that the minimum charge on package freight had been raised to 40 cts. on Aug. 19, and that that fact justified the collection of the extra 14 cts.

No. 1114.

Sept. 7, 1907.

J. B. Borden, *vs.* *C., M. & St. P. Ry. Co.*
Madison, Wis.

FARM CROSSING.

Complainant alleged that the C., M. & St. P. Ry. Co. was about to close a culvert under the tracks on his land, which had been used by him and his predecessors as a cattle pass for fifty years. A conference was arranged between complainant and the superintendent of the railway company, after which the former advised the Commission verbally, that the matter had been satisfactorily adjusted in the conference.

No. 1115.

Sept. 5, 1907.

A. F. Herold, *vs.* *C., B. & Q. R. R. Co.*
Maiden Rock, Wis.

STOPPAGE IN TRANSIT PRIVILEGE.

The complainant alleged that the C., B. & Q. R. R. Co. refused to haul fish from station to station to finish loading at \$5 per stop per car, as they had done previously, and as they were still doing in the case of grain and live stock shipments.

Held: That the tariffs on file in this office do not provide for any stoppage in transit privileges for fish; that the matter is subject to the jurisdiction of the Commission and that a complaint relating thereto would be considered.

The matter of stoppage in transit privileges was later taken up by the Commission in a formal proceeding upon the complaint of the New York Fish Company.

See formal railroad case No. 246, page 122.

No. 1116.

Sept. 10, 1907.

American Hide & Leather Co., vs. *C., M. & St. P. Ry. Co.*
New York, N. Y.

ALLEGED OVERCHARGE.

The complainant alleged that it had been overcharged in freight on tan bark from certain new spurs on the Gleason branch of the C., M. & St. P. Ry., which spurs were not named in the tariffs of the company, and the controversy arose from a lack of agreement between the parties as to the rate which should be applied to the shipments. The Commission advised the complainant of its limited jurisdiction over claims, but endeavored to adjust the matter informally, but was unsuccessful.

No. 1117.

Sept. 6, 1907.

Payson-Smith Lumber Co.,
Minneapolis, Minn.

ALLEGED EXCESSIVE RATES.

The complaint alleged that the rates on lumber between various points in Wisconsin were excessive and was advised to file a formal complaint, which it failed to do, and the matter is closed.

No. 1118.

Sept. 9, 1907.

E. A. Bennet, vs. *W. C. Ry. Co.*
Sparta, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

Complainant, a commercial traveler residing in Ashland, Wis., complained that the station at Westboro is always closed at six o'clock at night, making it inconvenient for passengers desiring to take the night train. In reply to an inquiry addressed to him by this Commission, the general superintendent of the railway explained that the fast night trains do not stop at Westboro except on flag, and that there are sufficient trains

during the day time to afford convenient connection, and that it would be a hardship upon a railway company to employ a night man for the purpose of accommodating an occasional passenger for these night trains. The explanations of the railway company were forwarded to the complainant.

No. 1119.

Sept. 9, 1907.

George L. Stevens,
Madison, Wis.

TRAIN FACILITIES.

Complainant inquired whether it was incumbent upon the railway companies to furnish each patron with a seat.

Held: That the question was one of adequate or inadequate train facilities and was under the jurisdiction of the Commission; that if a formal complaint was filed the matter would be considered.

No. 1120.

Sept. 10, 1907.

F. L. Shaver, vs. *C., St. P., M. & O. Ry. Co.*
Eau Claire, Wis.

ALLEGED OVERCHARGE ON PASSENGER FARE.

Complainant alleged that he was charged \$4.45 each for two passenger tickets from Eau Claire to Antigo, and that, on returning, he was charged but \$3.30 from Antigo to Eau Claire; he claimed to be entitled to a refund of \$2.30 overcharge. The matter was referred to the railway company, which replied that, incident to the many changes in rates since the passage of the two-cent fare laws in the various states, errors had been made by the company's agents; he stated that the papers in the case had been forwarded to the agent at Eau Claire for verification, and a refund would be promptly made.

No. 1121.

Sept. 9, 1907.

Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

APPLICATION FOR AUTHORITY TO MAKE REFUND.

The general freight agent of the above mentioned railway company applied to the Commission for authority to make refund on a certain shipment of lumber from Birchwood, Wis., to Kewaunee, Wis. It was pointed out that the C., St. P., M.

& O. Ry. carries an 11½ ct. rate to Kewaunee, that the "Soo" line carries the same rate only as far as Algoma. The application was for authority to protect this same rate between the stations involved in the shipment and arrange with the G. B. & W. R. R. to protect that rate on this particular shipment.

Held: That the adjustment could be made, provided the tariff in effect carried such a rate. Since the tariff in question, however, did not carry the rate, and since the shipment was made prior to the passage of sec. 8 of ch. 582, Laws of 1907, which gave this Commission authority to approve claims of this nature, the Commission was powerless to grant the authority asked for.

No. 1122.

Sept. 10, 1907.

Geo. W. Smith,

Madison, Wis.

RATES ON LUMBER.

Complainant, a wholesale lumber dealer, asked for a quotation of the rates on lumber, in carload lots, from Medford to Freeport, Ill., and to Chicago, Ill. The rates in question were compiled and forwarded.

No. 1123.

Sept. 12, 1907.

Hanson Bros.

Ashland, Wis.

WEIGHING OF CARLOAD SHIPMENTS.

The complaint in this case involved the question of state weights on shipments of grain. The complainant urged the appointment of a state weighmaster, and in reply was informed that the question was at that time under investigation by the Commission.

He was informed of the date of the hearing and requested to offer any suggestions which would be of assistance in arriving at a conclusion.

No. 1124.

Sept. 12, 1907.

Burlington Advancement Association, vs. *W. C. Ry. Co.*

Burlington, Wis.

C. & N. W. Ry. Co.

Formal complaint filed. See page 118.

No. 1125.

Sept. 14, 1907.

Wisconsin & Northern R. R. Co.

EMERGENCY RATES.

Application for authority to publish a rate of 13 cts. on railroad ties from sidings on the W. & N. R. R., between Crandon and W. & N. Jet., and Scandinavia, Wis., via W. & N. R. R., "Soo" line, W. C. Ry., and G. B. & W. Ry.

Application approved.

No. 1126.

Sept. 12, 1907.

*Evergreen Nursery Co., and Green Bay & Western R. R. Co.,
Sturgeon Bay, Wis.*

EMERGENCY RATES.

The complainants, shippers of tree seed, informed the Commission that the G. B. & W. R. R. Co. was about to make lower rates on its line, on tree seed in carloads and less than carloads, between certain points, and that it had already published a tariff from Grand Rapids to Sturgeon Bay. In order to handle large shipments, which it was necessary to move quickly to avoid the hazard of spoiling them, the shippers joined the railway company in a request for authority to make this rate effective immediately, instead of becoming effective at the end of the period provided by law.

The application was approved.

No. 1127.

Sept. 7, 1907.

*Badger State Tanning Co., vs. Railway Weighing and
Sheboygan, Wis. Inspection Bureau.*

1. WEIGHING OF CARS.

2. DEMURRAGE CHARGES.

The complainant alleged that the system of weighing carload freight employed by the railway companies is unjust and unreasonable, and that the irregular manner in which cars are handled makes it impossible for cars to be unloaded within the free time allowed.

Complainant was informed that both matters are under the jurisdiction of the Commission and will be considered if formal complaints are filed. Blanks for the same were enclosed, but no complaint has been received up to date.

The question of weighing of freight in carload lots was subsequently taken up in a general investigation by the Commission on its own motion. *In re Weighing Car Load Freight*, formal case, page 99.

No. 1128.

Sept. 6, 1907.

L. J. Justen,

Fond du Lac, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that he shipped from Oshkosh, Wis., a half barrel of ale, weight 160 lbs., for which he was charged 64 cts.; that he shipped from Chicago, Ill., seven cases of beer, weight 600 lbs., for which he was charged \$1.85. He desired to be informed why it was that he was charged 40 cts. per cwt. from Oshkosh and only 28 cts. per cwt. from Chicago.

Held: The rate from Oshkosh to Fond du Lac is not 40 cts. per cwt., but 10 cts. per cwt., and the shipment should have moved subject to a minimum charge of 40 cts. He was instructed to present his freight bill to the agent at Fond du Lac, upon which he would undoubtedly receive a refund of the overcharge of 24 cts.

No. 1129.

Sept. 11, 1907.

Franz Neam,

vs.

C. & N. W. Ry. Co.

Hurley, Wis.

ALLEGED EXCESSIVE PASSENGER FARE.

Complainant alleged that he was charged \$8.58 for a ticket from Dodgeville to Iron Mountain, Mich., as against \$5.87 in the opposite direction. He also complained of the rates from Madison to Hurley, \$5.90, as against \$7.00 from Iron Mountain to Madison.

The question, although interstate in character, was taken up with the railroad officials, and they explained that in the general revision of passenger fares, incident to the passage of the two-cent fare laws, some tariffs had not yet been reached, particularly those governing intrastate movements. The explanation was forwarded to the complainant, but the latter was returned unclaimed to the Commission.

No. 1130. Sept. 12, 1907.
Dells Paper & Pulp Co., *vs.* *W. C. Ry. Co.*
Eau Claire, Wis.
 Formal complaint filed. See page 100.

No. 1131. Sept. 14, 1907.
Willson Bros.,
Edgerton, Wis.

ALLEGED DISCRIMINATION.

The complainants herein alleged that the railway companies operating in the state were discriminating in the matter of rates on return shipments. They alleged that in interstate traffic the roads allowed one-half of the regular rate on returned packages, while between points in Wisconsin shippers have no such privilege. The Commission addressed a letter of inquiry to the officials of the six largest companies operating in the state and received in reply absolute denial that such is the fact. They offered, as proof, the tariffs filed with the Commission, all of which contained a rule that return shipments, when unsalable or to be repaired, shall move at half rates. These facts were submitted to the complainants.

No. 1132. Sept. 17, 1907.
Figved Bros., *vs.* *C. & N. W. Ry. Co.*
Layton Park, Wis.

ALLEGED EXCESSIVE RATES.

Complainants alleged that previously the rules of the C. & N. W. Ry. permitted the forwarding to Layton Park, free of charge, packages addressed to them at Milwaukee, that these rules had been changed so that now the local rates were charged on such shipments.

The matter was taken up with the officials of the railway company, who explained that Layton Park takes the Milwaukee rate and that, if shipments were billed to that station instead of Milwaukee, no extra charge would be made. This was explained to complainants.

No. 1133.

Sept. 17, 1907.

*Collins Bros. Lumber Co.,
Madison, Wis.*

INQUIRY CONCERNING RATES.

1. Complainants inquired whether the decision and order of the Commission *in re Jones Lumber Co., v. C. & N. W. R. Co.*, 1 W. R. C. R., 520, whereby Wabeno was placed in the Wausau group, as regards lumber rates, applied also to joint rates of the C. & N. W. Ry. with other lines.

2. They inquired further whether it had not been formally decided that the shortest haul and lowest rate should apply from one point to another when no instructions as to routing of cars had been given.

Held: 1. That the decision and order in the above mentioned case did not apply to joint rates, inasmuch as only the C. & N. W. Ry. Co. was a party to the hearing in question. A copy of the decision was enclosed.

2. That the shortest route, making the lowest rate, should always be given to a shipment when no other route has been requested.

See *Hodges v. W. C. R. Co.* 1 W. R. C. R. 300.

No. 1134.

Sept. 13, 1907.

Wisconsin Central Ry. Co.

EMERGENCY RATES.

Previous to the filing of this application, local tariff, No. 13, W. R. C., No. 432, effective Aug. 20, 1907, and canceling W. R. C., No. 431, was filed with the Commission. It was issued to conform to the requirements of the Two-Cent Fare Law, but, on account of the short time allowed for preparation, it contained many typographical and clerical errors and this application is for authority to issue a corrected tariff effective immediately.

Application approved.

No. 1135.

In re STANDARDS OF SERVICE UNDER CHAPTER 499, LAWS OF 1907.
Transferred to formal utility file, No. 57.

No. 1136. Sept. 14, 1907.
Gus. Gustafson, vs. *C., B. & Q. R. R. Co.*
Ferryville, Wis.

SHIPPING REGULATIONS.

Complainant alleged that he wished to ship a consignment of apples, prepaid, from Ferryville to Boyd, Wis., but that the agent of the railway company refused to accept the prepayment farther than Minneapolis, and complainant asked to be advised regarding the matter.

Held: The agent should have accepted the prepayment for the through service, according to the western classification, which provides that apples in L. C. L. must be prepaid or guaranteed.

No. 1137. Sept. 17, 1907.
Upham & Agler, vs. *M., St. P. & S. S. M. Ry. Co.*
Chicago, Ill. *C., M. & St. P. Ry. Co.*

ALLEGED OVERCHARGE—REFUND LAW NOT RETROACTIVE.

The complainant in this case shipped two carloads of lumber from Hawkins, Wis., to Racine, Wis., routed via Milwaukee. They alleged that the agent at Hawkins promised, that if the cars were routed in that manner, the through rate would be protected. The claim arose from the fact that this was not done, and the "Soo" line expressed itself as willing to make a refund on the basis of the through rate as promised.

The claims amounted to \$21.04 and \$26.54, and both the complainant and the railroad companies were informed that ch. 582, Laws of 1907, would apply to the matter in question if the claims had been filed within six months after date of shipment. Inasmuch as the construction of this section was still a matter of doubt, and inasmuch as the retroactive feature of the law was then before the Commission, the matter was held in abeyance until the case of the *Oshkosh Logging Tool Co. vs. C. & N. W. Ry. Co.* 2 W. R. C. R. 116, had been disposed of. A copy of this decision, holding that the chapter in question was not retroactive in scope, was afterward forwarded to the complainant, disposing of the claim.

No. 1138.

Sept. 14, 1907.

Village of North Milwaukee, vs. *C., M. & St. P. Ry. Co.*

COMPLAINT ALLEGING DANGEROUS CONDITION OF CROSSING.

The village of North Milwaukee, by its attorney, E. J. Henning, complained to the Commission of the failure of the C., M. & St. P. Ry. Co. to make a certain crossing in the village less dangerous. The matter has since been the subject of negotiation between the parties, and the Commission has been informed that it has been adjusted.

No. 1139.

Sept. 19, 1907.

J. W. Reynolds,
Green Bay, Wis.

STATION FACILITIES.

The complainant addressed a letter to the Commission inquiring as to the rights of shippers to have stations established at certain places along the railway company's right of way.

Held: That a formal petition is necessary. A copy of the law and blanks for formal complaint were enclosed.

No. 1140.

Sept. 23, 1907.

The City of Sparta, vs. *C. & N. W. Ry. Co.*

REDUCED TRANSPORTATION CHARGES TO MUNICIPALITIES.

The complainant desired to have large shipments of crushed stone from La Crosse and Ablemans, to be used for paving purposes, and secured a concession from the C. & N. W. Ry. Co. to transport the same at greatly reduced rates. The railway company wished to be protected in this matter and inquired whether it would be incumbent upon them, if they made the concession in this instance, to do likewise whenever any other municipality should make a similar application.

Held: That sec. 8 of the Railroad Commission Law permits railway companies to make lower rates to municipalities than to the general public.

No. 1141.

Sept. 26, 1907.

Wisconsin Central Ry. Co.

APPLICATION FOR AUTHORITY TO MAKE REFUND.

The tariff of the above named railway covering salt, cement, plaster and stucco, between Chicago, Milwaukee, Manitowoc and

stations on its line, provides for a rate of 6 cts. per cwt. A tariff was prepared but, by mistake, was not published, reducing the rate to 5 cts. Shipments having been made by the Helmer Milling Co., on which a charge of 6 cts. was made, the company therefore applied for authority to refund on a basis of a 5 ct. rate.

Held: Refund, if made, must be under the provisions of sec. 1797—37m, Laws of 1907.

No. 1142.

Sept. 20, 1907.

A. Shonat,

Galesville, Wis.

ALLEGED EXCESSIVE RATE.

The complainant alleged that conductors refused to accept a 2,000-mile ticket as transportation within this state. He was informed by the Commission that the 2,000-mile books, since the passage of the Two-Cent Fare Law, were being redeemed by the western passenger bureau, which would undoubtedly remit an amount sufficient to cover the unused portion of the mileage book.

A similar complaint was filed by W. E. Craley of Milwaukee, Wis., and the same suggestion was made to him.

No. 1143.

Oct. 1, 1907.

Hanson Bros., vs.

G. B. & W. R. R. Co.

Scandinavia, Wis.

ALLEGED OVERCHARGE.

The complaint in this case involved the freight charges on a steel tank, set up, shipped from Chicago to Scandinavia, for which, in the past, 50 cts. per cwt. had been assessed, but upon which, under date of Sept. 9, \$1.00 per cwt. had been charged.

Held: That the latter is the correct rate from Chicago to Scandinavia on steel tanks, set up, and that the lesser charge was undoubtedly made in error.

No. 1144.

Sept. 20, 1907.

*Wisconsin Pipe & Fuel Co., vs. C., St. P., M. & O. Ry. Co.
Eau Claire, Wis.*

ALLEGED EXCESSIVE SWITCHING CHARGES.

The complainant alleged that the railway companies doing business in Eau Claire claimed they were entitled to switching charges between the various roads on cars billed from non-competitive points. The complainant contended that the tariffs provide for switching at terminal points without extra charge. The switching charges assessed against it were \$3.00 per car.

Held: 1. C., M. & St. P. Ry. switching tariff, 4900 A, provides as follows:

“Unless otherwise provided, rates on carload shipments covered by tariffs of this company will include switching charges on connecting lines at point of shipment or destination, or both, *when freight charges are \$15.00 or more.*”

2. The rule in effect on the W. C. Ry. is, in effect, substantially the same as that of the C., M. & St. P. Ry.

3. The rule of the C., St. P., M. & O. Ry. provides as follows:

“Unless otherwise provided in the tariffs of this company the following rule will govern as to the absorption of switching charges:

“This Co. will assume connecting line switching charges, but not to exceed \$5.00 per car, on all carload traffic except Grain Products when shipped against transit, at points of origin or destination, or both, subject to the following conditions:

“1st. When directly competitive with the line of Ry. upon which the industry is located.

“2d. When the tariffs of other lines of railway competing with this Co. for the traffic provide that the switching charge of the line of Ry. upon which the industry is located will be assumed.”

Therefore, the C., St. P., M. & O. Ry. is the only one that can charge for switching carloads shipped over its own line to or from Eau Claire when freight charges are \$15.00 or more, and this only on non-competitive business. Complainant was further advised that he could test the reasonableness of these regulations by filing a formal complaint, for which blanks were enclosed.

No. 1145.

Sept. 27, 1907.

In re ADVERTISING SIGNS ON CARS.

Complaints were received by the Commission from the Mason-Donaldson Lumber Co. and the Robbins Lumber Co., both of Rhineland, Wis., to the effect that the railway companies had refused to allow the use of advertising signs on cars. They contended that heavy shippers of lumber had a large supply of signs on hand, aggregating an investment of hundreds of dollars, and that the promulgation of such a rule would cause a financial loss.

A copy of these complaints was forwarded to the railway companies doing business in the state, and complainants were advised that the matter was one outside of the Commission's jurisdiction.

The railway officials replied that the prohibition against posting advertisements on freight cars was not a new one; that the rule had been in effect for a number of years, though it had not been strictly enforced. They maintained that the practice had grown to such an extent that equipment was being seriously damaged; that it had become necessary, as a matter of protection, to provide a penalty on all cars delivered to connecting lines bearing posters or advertising matter upon them. The main objection to the posting and tacking of signs was, that the practice obliterated the numbers, initials and weight lettering, and in this way damaged the car.

No. 1146.

Sept. 23, 1907.

*Wisconsin Paper Stock Co.,
Neenah, Wis.*

INQUIRY CONCERNING RATES.

The above named company inquired for the rates on rags, carload lots, Faribault, Minn., to Neenah, which information was furnished.

No. 1147.

Sept. 19, 1907.

John Berg, vs. *Appleton, Wis.*

C. & N. W. Ry. Co.

STOPPAGE IN TRANSIT AND ROUTING.

The complainant ships live stock from Clintonville, Bear Creek, Sugarbush, Greenville and Appleton. He complained

that within the last year the C. & N. W. Ry. Co. had made an arbitrary ruling relating to the stoppage in transit and routing of cars. He inquired, 1, as to the shipper's rights to have two stops on a car of live stock without re-billing; 2, whether a shipper could route a car in any other than the most direct route and retain the right of stoppage to finish loading.

Held: 1. Under the tariff of the C. & N. W. Ry. cars of live stock may have only one stop in transit to finish loading, and then only when the *stopping station is on the direct line between points of shipment and destination*, at a charge of \$5.00 per car in the case of horses and mules, and of \$2.00 per car for cattle, hogs and sheep.

2. All freight must be billed by the most direct and the shortest route if the right of stoppage to finish loading is retained.

No. 1148.

Sept. 24, 1907.

*Fullerton-Powell Hardwood Lumber Co.,
Minneapolis, Minn.*

ALLEGED EXCESSIVE RATES.

The complainant called attention to unfair adjustment of rates in effect in this state and submitted the following points of origin and destination as samples of discrimination.

Centuria, Wis., to Janesville, Wis.....	13	cts.
Centuria to Milwaukee, Racine and Chicago	11½	“
Radisson to Janesville	12	“
Drummond to Janesville.....	12	“
Duluth, Ashland and Superior to Janesville	10	“

Complainant called attention to the higher rates from Centuria to Janesville, short haul, as compared with the rate to Milwaukee, Racine and Chicago.

Held: That the rates, as quoted, are correct, but that interior points, as compared with lake ports, take higher rates on account of the element of water competition entering into the adjustment of freight tariffs to points reached by water routes.

No. 1149.

Sept. 23, 1907.

Leroy Colbert, vs. *C., St. P., M. & O. Ry. Co.
Chetek, Wis.*

ALLEGED FAILURE TO SUPPLY CARS.

The complainant, a potato shipper at Chetek, complained that the railway company was discriminating against him in the mat-

ter of car supply. It appears that the complainant ordered cars for himself and also for another person, for whom he was acting as agent. The railway officials refused to furnish more than one quota of cars.

The situation was explained to the officials of the railway company and a double quota was supplied to him as principal and agent.

No. 1150.

Ripon Light & Water Co.

Transferred to formal utility docket, No. 19.

No. 1151.

Sept. 28, 1907.

William J. Starr,

Eau Claire, Wis.

ALLEGED OVERCHARGE.

The complainant alleged an overcharge of freight charged on twenty-six cars of logs shipped from the Rock Spur side-track to Weston.

He was advised as to the law and complaint blanks were furnished, but no complaint was filed.

No. 1152.

Oct. 3, 1907.

C. P. Cary, vs.

I. C. R. R. Co.

Capitol, Madison, Wis.

CLAIMS.

Complainant alleged that a chair, valued at \$10.50, was lost out of a shipment of household goods, Madison to Chicago, in Oct., 1906.

Investigation on the part of the railroad company developed the fact that it was impossible to locate exactly the responsibility for the loss of the article. Circumstances point to a possibility of the loss having occurred somewhere else along the line, either before or after the carrier received the same.

No. 1153.

Oct. 2, 1907.

Frank Kretche, vs.

C. & N. W. Ry. Co.

Manitowoc, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

The complainant herein alleged a lack of station facilities by the C. & N. W. Ry. Co. at Zemanville.

The matter was submitted to the officials of the railway company who denied the allegations; complainant was advised of this, but declined to file a formal complaint. The Commission was afterwards informed that the matter was adjusted between the parties.

No. 1154.

Sept. 28, 1907.

Wisconsin Pipe and Fuel Co., vs. *W. C. Ry. Co.*
Eau Claire, Wis.

INSUFFICIENT TIME FOR UNLOADING.

Complaint was made to the effect that the demurrage charges imposed by the W. C. Ry. Co., at Eau Claire, are excessive, and that forty-eight hours should be allowed for unloading its cars, in view of the fact that cars are so frequently moved by the railway company during the free time allowed, thus making it impossible for consignees to unload cars within the time limit allowed.

The matter was submitted to the railway officials who replied, showing that the basing hours are 12 o'clock, at noon, and 7 a. m.; that time does not run on cars placed in the forenoon until 12 o'clock at noon, and on cars placed in the afternoon until 7 o'clock in the morning; that the congestion of cars was due, not to the switching on the part of the railroad company so much, as to the insufficient storage room provided by the shippers themselves, which made it impossible for them to handle all the cars which were shipped to them; that the facilities of the company are sufficient at Eau Claire and at Chippewa Falls; all of which was submitted to the complainant who was advised of its rights as to complaint to this Commission.

No. 1155.

Stevens & Jarvis Lumber Co.,
Eau Claire, Wis.

Formal complaint filed. See page 102.

No. 1156.

Oct. 1, 1907.

Zien Brothers Co., vs. *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

NOTICE TO CONSIGNORS IN CASE OF UNCLAIMED SHIPMENTS.

The complainants alleged that the above named railway company did not promptly notify it of the refusal of goods by

consignees, and that when such goods were refused, they were shipped to the company's warehouse at Prairie du Chien and freight charged therefor.

The officials of the railway company replied, stating that the rules of the company provide for a notice of this kind; that in this particular case repeated notices had been sent to the complainant.

The above statements were forwarded to the complainants and they were advised that the matter at issue was one of fact between themselves and the railway company, and related to a claim over which the Commission had absolutely no jurisdiction.

No. 1157.

Oct. 2, 1907.

*L. Rosenheimer Malt and Grain Co., vs. C. & N. W. Ry. Co.
Kewaskum, Wis.*

ALLEGED EXCESSIVE RATES.

The complainant company alleged that the rates on malt from Kewaskum to points in northern Wisconsin were excessive.

The matter was submitted to the officials of the railway company who refused to reduce such rates, alleging that they were reasonable.

Complainants were advised that the matter was one of sufficient importance to warrant them filing a formal complaint, but no such complaint was received by the Commission.

No. 1158.

Sept. 27, 1907.

*Wells and Chase, vs. W. C. Ry. Co.
Dorchester, Wis.*

ALLEGED OVERCHARGE.

Complainants questioned the reasonableness of the charge of \$1.75 per ton on coal from Ashland to Dorchester, pointing out that the rate to Chippewa Falls, sixty miles further, over the same line, is but \$1.40 per ton. They claimed to be entitled to a refund of 35 cts., or more, per ton on the shipments.

An investigation showed that the rate charged was in accordance with the legally published tariff on file in this office; that there is no long and short haul provision in the Wisconsin Railroad Commission Law, therefore the lower rate to Chippewa

Falls and Eau Claire does not carry with it the same rate to intermediate points; that complainants' recourse would be to file a formal complaint.

No. 1159. Oct. 2, 1907.
Chris. Grossman, *vs.* *C., M. & St. P. Ry. Co.*
Portage, Wis.

ALLEGED INADEQUATE TRAIN SERVICE.

Complaint to the effect that trains, No. 5 and No. 2, on La Crosse division of the C., M. & St. P. Ry. would not stop at Lewiston.

The matter was submitted to the railway officials, who explained that the failure to stop at the station in question was an error on the part of trainmen that would not occur again, of which complainant was advised. See *Guildner v. C., M. & St. P. R. Co.* 1 W. R. C. R. 102; *Grossman v. C., M. & St. P. R. Co.*, 1 W. R. C. R. 254.

No. 1160. Sept. 27, 1907.
W. R. Lyle,
Ripon, Wis.

CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY.

Inquiry whether ch. 454, Laws of 1907, relating to certificates of public convenience and necessity, applied to motor and electric railroads as well as to steam roads.

Held: That the law in question applies to motor and electric railways as well as to steam railways.

No. 1161.
Michigan State Telephone Co.,
Detroit, Michigan.
 Transferred to formal utility file, No. 16.

No. 1162. Oct. 4, 1907.
La Fayette Telephone Co., *vs.* *C., M. & St. P. Ry. Co.*
La Fayette, Wis.

TELEPHONE SERVICE IN RAILWAY STATIONS.

Complainant alleged that the C., M. & St. P. Ry. Co. had refused, since June 1, 1907, to pay for the rent of a telephone in their depot at Gratiot.

The Commission enclosed blanks for a formal complaint against the railroad company, under ch. 614, Laws of 1907.

No. 1163.

Sept. 29, 1907.

Chicago, Milwaukee & St. Paul Ry. Co.

HILBERT JUNCTION COLLISION.

On Sept. 28 the above named railway company's train, No. 2, and an extra train collided about two miles west of Hilbert Jct. The officials of the company were asked by telephone to furnish a full report of the causes.

A copy of the orders under which the trains were running was submitted, also the rules of the company. From the report, the accident seems to have been due to a disobedience of orders and a disregard of rules by both train crews. The exact responsibility was not located.

No. 1164.

Sept. 20, 1907.

Wisconsin Central Ry. Co.

COLLISION AT BOYCEVILLE.

On the morning of Sept. 20 the above named railway company's train, No. 24, and extra train, No. 241, west, collided at Boyceville, and engineer Miller, of the passenger train, was instantly killed.

The company furnished additional details showing that the fault lay in the issuing of orders by a train dispatcher, who has since been discharged.

No. 1165.

Oct. 3, 1907.

Sell Bros.,

Sheboygan, Wis.

JOINT RATE GREATER THAN THE SUM OF LOCALS.

Complainants alleged that they were charged a through rate of 84 cts. per cwt. for transporting a case of cotton flannel underwear from Fremont, Ohio, to Sheboygan, Wis., while the sum of the local rates from Fremont to Chicago and from Chicago to Sheboygan is but 64 cts.

Held: The matter is outside of the jurisdiction of this Commission and under that of the interstate commerce commission; that the rule governing reads as follows:

“When two or more connecting carriers establish a joint rate which is less or greater than the sum of their local rates, such joint rate is a change of rates and requires a notice of thirty days. *A joint rate duly established and in force becomes the only lawful rate for through transportation.*” See *In re W. C. Ry. Co.*, informal case, No. 1168.

No. 1166.

Oct. 1, 1907.

J. R. Monteith & Son,
Preston, Wis.

vs.

C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

In the above entitled matter it is alleged that complainant, with the knowledge of the agent of the railway company, loaded at Preston, Grant county, Wis., a car to be shipped to Hudson, St. Croix county, Wis.; that the car contained emigrants' movables and seventeen head of live stock; that complainants were ignorant of the rule of the company, limiting live stock to ten head, and were charged \$32.40 above the regular car load rate as freight on the ten head of stock; wherefore complaint was filed.

Held: The jurisdiction of the Commission over claims is limited, 1, to an investigation, and, in its discretion, to a report relating thereto to the legislature, under the provision of sec. 32, ch. 362, Laws of 1905.

2. To hear the matter upon complaint by the person aggrieved that the rate charged is unreasonable under the provisions of sec. 1797—37m, Laws of 1907.

No. 1167.

Oct. 6, 1907.

Alfred Beuchat,
La Valle, Wis.

vs.

C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

Complainant, by Jas. A. Stone, his attorney, alleged that he was quoted a rate on horses from Crawfordsville, Ind., to La Valle, Wis., of 67 cts. per cwt.; that the horses were shipped and the carload weighed 16,000 lbs., and the charge imposed at the rate of 79 cts. per cwt.

The tariff on file shows the rate at a minimum of 20,000 lbs. to be 67 cts. per cwt., while the rate at a minimum of 16,000 lbs. is 79 cts. as charged.

Held: That the rate charged is correct; there is no basis to the claim.

No. 1168.

Oct. 7, 1907.

Wisconsin Central Ry. Co.

JOINT RATE GREATER THAN THE SUM OF LOCALS.

Held: That, while differing from the rule of the interstate commerce commission, quoted *in re Sell Bros.*, informal case, No. 1165, this Commission has informally held that the rule to be followed should be, in effect, as follows:

“When there are in force between any two points different rates on the same commodity, the lowest published rate should apply.”

No. 1169.

Sept. 16, 1907.

*D. P. Clough,**Darien, Wis.*

ALLEGED EXCESSIVE AND DISCRIMINATORY RATES.

Complainant questioned the reasonableness of the rate on live stock, Darien to Milwaukee, 11 cts., when the same rate is charged to Chicago, forty miles farther.

Held: Whether or not the rates from Darien to Milwaukee are excessive can only be determined by a formal complaint.

No. 1170.

Oct. 1, 1907.

*H. E. Roscnow,**Oconomowoc, Wis.*

ALLEGED OVERCHARGE.

Complaint as to charge made for freight on a top buggy, from Evansville, Ind., to Oconomowoc, Wis.

The tariffs on file indicated that the rate charged was correct.

No. 1171.

Sept. 7, 1907.

In re APPLICATION OF LAWS TO CERTAIN CORPORATIONS.

The Dutch Hollow Lead and Zinc Mining Company, organized under the laws of Arizona, filed with the secretary of state copies of its articles of incorporation under the Wisconsin incorporation laws, and the usual license was issued. The powers of the company contained the usual blanket provisions, including the right to carry on businesses designated as public utilities under the Wisconsin Public Utilities Law. As the law provides that no foreign corporation can engage in business in Wisconsin

sin as a public utility, and as ch. 576, Laws of 1907, requires a public service corporation to apply to this Commission for authority before it issues its stocks and bonds, therefore the attorney general was asked, 1, whether a foreign corporation with such powers could avail itself of the Wisconsin incorporation laws; 2, whether a corporation with such powers may issue stocks and bonds without first applying to this Commission for authority.

Reply was made, holding, in effect:

1. That the secretary of state has no jurisdiction to refuse a foreign corporation the right to file its articles because such articles contain provisions for receiving franchises which our statutes forbid a foreign corporation to receive.

2. That if a foreign corporation attempts to exercise such powers it may be restrained.

3. That ch. 576, Laws of 1907, applies only to domestic corporations.

No. 1172.

Oct. 4, 1907.

Waite & Waite,

vs.

C., M. & St. P. Ry. Co.

Oshkosh, Wis.

ALLEGED INADEQUATE SIDE-TRACK FACILITIES.

The complainant contemplated the shipping of large quantities of wire grass from the territory contiguous to the old station of Lewiston, and asked to have a side track installed.

The railway company maintained that the installation of a side track would be unsafe from an operating point of view. Copies of two formal orders relating to the same subject were forwarded to the complainant. See *Guildner v. C., M. & St. P. R. Co.* 1 W. R. C. R. 102; *Grossman v. C., M. & St. P. R. Co.* 1 W. R. C. R. 254.

No. 1173.

Robert W. Iliff,

Alma Center, Wis.

Formal complaint filed. See page 108.

No. 1174.

Oct. 6, 1907.

Chicago & North Western Ry. Co.

INQUIRY CONCERNING LEGALITY OF REFUND.

The Illinois Steel Company was soliciting a refund on a shipment of bar steel, Bay View to Brillion, which the railway company did not feel safe in allowing on account of the provisions against rebating in the Railroad Commission Law. The shipment in question moved in March, 1905.

Held: That the shipment antedates the Railroad Commission Law and is, therefore, outside of the jurisdiction of the Commission.

No. 1175.

Sept. 23, 1907.

Green Bay & Western R. R. Co.

EMERGENCY RATES AND APPLICATION TO MAKE RETROACTIVE.

On Sept. 20 the above named railway company issued a tariff naming a concentration rate of 6 cts. per cwt. on cucumbers, etc., from Grand Rapids and intermediate points to Green Bay. Some of the shipments had already moved when this application was made, and the company desired to have authority to collect on the basis of a 6 ct. rate on all shipments, moved, moving, and to be carried.

Held: That the Commission has no authority to make any rate retroactive. Its power in this regard is limited to making a rate effective before the required time for publication has elapsed. See *Oshkosh Logging Tool Co. v. C. & N. W. R. Co.* 2 W. R. C. R. 116.

No. 1176.

Oct. 8, 1907.

Gund Brewing Co., vs.
La Crosse, Wis.

G. N. Ry. Co.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the Great Northern Ry. Co. insisted on applying third class rates to beer, as against a fourth class rate by all other companies.

The Commission asked for more specific information but none was furnished,

No. 1177.

Oct. 8, 1907.

*Hennepin Bridge Co.,
Minneapolis, Minn.*

INQUIRY CONCERNING RATES.

Complaint relating to rates on structural steel, by boat line, from Duluth to Port Wing, Wis.

Held: That the rates asked for involve an interstate water haul and are outside the jurisdiction of the Commission.

No. 1178.

*Harvey Spring Co.,
Racine Jct., Wis.*

Formal complaint filed. See page 115.

No. 1179.

Oct. 7, 1907.

Badger Mfg. Co., vs. *C., M. & St. P. Ry. Co.*
Racine, Wis. *C. & N. W. Ry. Co.*

ALLEGED DELAY TO SHIPMENTS.

The complainant alleged that goods shipped from points east of Chicago to Racine were delayed, on account of a disagreement on the part of the above mentioned companies with the lake transportation companies, as to what is their proper share of the revenue on such shipments.

The matter was taken up with the railway companies, who afterward advised that the troubles complained of had been remedied.

No. 1180.

Lake Superior-Southern Ry. Co.

Transferred to formal stock and bond file, No. 16.

No. 1181.

Oct. 10, 1907.

La Crosse & Southeastern Ry. Co.

EMERGENCY RATES.

Application for authority to make the reduction of the minimum charge on package freight from 40 to 25 cts., effective immediately.

Application approved.

No. 1182.

Oct. 11, 1907.

La Crosse & Southeastern Ry. Co.

EMERGENCY RATE.

The above named company applied for authority to grant a rate of a fare and one-third, Winona to La Crosse and return, for a teachers' meeting, Oct. 11 to Oct. 14.

Application approved.

No. 1183.

*Cook & Brown Lime Co.**Oshkosh, Wis.*

Formal complaint filed. See page 113.

No. 1184.

Oct. 9, 1907.

*F. J. Smart,**Oshkosh, Wis.*

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rate on wool, Waukesha to Chicago, was excessive, stating that it was 20 cts. per cwt., as compared with a rate of 42 cts. from Waukesha to Philadelphia.

An investigation of the tariffs on file in the office of the Commission showed that the Waukesha-Philadelphia rate is 59 cts. per cwt., and not 42 cts. per cwt., and complainant was so informed.

No. 1185.

Oct. 9, 1907.

*Washburn & Northwestern Ry. Co.,**Chicago, Ill.*

REPORTS.

The above named railway company, being asked to file its annual report with the Commission, alleged that it was not required to file a report as it was no longer operating as a common carrier.

No. 1186.

Oct. 11, 1907.

*Rev. B. Klein,**Fifield, Wis.*

ALLEGED INADEQUATE STATION FACILITIES.

Complainant alleged that the railway station building at Fifield was not, during the winter months, lighted or heated for passengers taking an early morning train.

The matter was submitted to the company, which made improvements in the service satisfactory to the complainant.

No. 1187. Oct. 14, 1907.
A. W. Mitchell, *vs.* *C. & N. W. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE FOR PASSENGER TICKET.

Complaint to the effect that the C. & N. W. Ry. Co. at Janesville charged \$5.44 for a railway ticket from that station to Rice Lake, and that the agent at Rice Lake, on the return trip, charged him \$5.55. He claimed to have been overcharged 11 cts. on the latter ticket.

Held: That the latter charge was in accordance with the legally published tariff, and that there was an undercharge of 11 cts. on the first ticket.

No. 1188. Oct. 14, 1907.
Medford Fruit Package Co. *vs.* *W. C. Ry. Co.*
Medford, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

The Medford Fruit Package Company complained that the W. C. Ry. Co. refused to furnish its cars for shipments destined to points off its lines.

The officials of the respondent company advised that every effort was being made to supply the needs of shippers, but in view of the car shortage it was necessary to keep the equipment of the company on its own rails.

No. 1189. Oct. 16, 1907.
D. N. Case, *vs.* *C. & N. W. Ry. Co.*
Baraboo, Wis.

ALLEGED INADEQUATE STATION SERVICE.

Complainant alleged that the C. & N. W. agent at Baraboo refused to sell him a through ticket and check baggage to Wautoma, a local point on the line of that company.

The correspondence developed that the difficulty arose from the fact that the agent was ignorant of the fact that Wautoma was a station on the lines of the C. & N. W. Ry., and complainant was advised thereof.

No. 1190. Oct. 14, 1907.
W. H. H. Macloon, *vs.* *C. & N. W. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that the rules of the C. & N. W. Ry. Co. regarding minimum weight to be charged on hay shipped over its lines was unreasonable; that the required minimum could not be loaded into many of its cars, and that on a shipment made from New Richmond to Janesville there had been, in consequence of the minimum charged, an overcharge of \$2.93.

Complainant was advised that the railway company makes its own rates, rules and regulations, and any shipper believing these to be unreasonable might make complaint to the Commission to that effect. Blanks for this purpose were sent to him.

No. 1191. Oct. 16, 1907.
W. S. Woods,
La Crosse, Wis.

PASSES.

The complainant informed the Commission that he, as engineer for the La Crosse Water Power Co., was directing the construction of that company's plant at Hatfield, Wis., on the lines of the G. B. & W. R. R. Co.; that, as such engineer, he directed the operations of the trains of the said railroad company which were used in transporting the building materials used by the Water Power Company; that he received no compensation from the railroad company, and stated that it was willing to give him a pass if it could be legally done, and asked the opinion of the Commission relating thereto.

Held: That sec. 8, ch. 362, Laws of 1905, names the excepted classes to whom passes could be issued and it was a question of fact whether or not complainant came within these classes.

No. 1192. Oct. 16, 1907.
O. J. Hawkenson, *vs.* *C., St. P., M. & O. Ry. Co.*
Osseo, Wis.

ALLEGED INADEQUATE TRAIN SERVICE.

Complaint regarding the train service on the Mondovi branch of the "Omaha" Ry. Co., alleging that it consists of two mixed trains daily, each way, except Sunday.

The matter was taken up with the railway officials, who submitted a detailed statistical statement, showing the service rendered and denying that the amount of the traffic justified anything additional, all of which was submitted to the complainant.

No. 1193.

Oct. 10, 1907.

Chicago & Milwaukee Electric Ry. Co.,
Highland, Ill.

INTERLOCKING PLANT.

The above railway company submitted blue prints showing the location of its crossing over the tracks of the Milwaukee & State Line Ry. Co., near Rawson, Wis., asking for the approval of the same by the Commission.

Application approved.

No. 1194.

Oct. 16, 1907.

Pantzer Lumber Co., vs. *C. & N. W. Ry. Co.*
Sheboygan, Wis.

DEMURRAGE.—ALLEGED FAILURE TO SPOT CARS.

Complainant alleged that the above entitled railway company was refusing to spot cars for unloading on its team tracks, because of some unliquidated demurrage bills which the Wisconsin Car Service Association had outstanding against it.

The matter was submitted to the Car Service Association, which submitted a brief in justification of its stand, contending that it was justified in refusing to render service to shippers who had refused to pay accrued bills.

Held: The rule governing in the above entitled matter is given in *Macloon v. C. & N. W. R. Co.* 5 I. C. C. R. 84, the syllabus of which reads as follows:

“Defendant’s railroad connects, at Janesville, Wisconsin, with the Chicago, Milwaukee & St. Paul Railway. Complainant is a merchant doing business at that point and having coal yards on the line of the latter road, but receiving shipments from points on the line of the defendant road, and his financial responsibility is not questioned in this proceeding. Carriers operating in that section of the country are members of a car service association, which has established a rule requiring the payment of demurrage charges when cars are retained by shippers more than forty-eight hours after receiving notice that such cars are in position to unload, and the rule is set forth by

the carriers in their bills of lading. Upon all the facts in this case,

Held: That the action of defendant in refusing, after payment of freight and offer of customary switching charges, to switch two carloads of coal to the connecting line for delivery at the coal yard of the complainant on such line unless he promised in advance to pay any demurrage charges that might be made, regardless of whether they were just or legally enforceable, was unreasonable, notwithstanding complainant had previously refused to pay demurrage charges on other cars switched to his siding, which he had failed to fully unload within the time prescribed by the rule, and defendant by retaining the coal in its possession and demanding such promise from complainant as a condition precedent to the performance of its duty as a carrier subjected the complainant to unlawful prejudice and disadvantage."

No. 1195.

Oct. 14, 1907.

F. A. De Boos,

Madison, Wis.

ALLEGED OVERCHARGE.

Complainant submitted to the Commission several expense bills covering shipments of household goods from Columbus, Ind., to Madison, Wis., upon which freight had been prepaid but, upon arriving at destination, an additional charge of \$5.00 was collected.

An investigation showed that the amount collected was based upon the legally published tariff.

No. 1196.

Oct. 12, 1907.

Northwestern Iron and Metal Co.,

Ashland, Wis.

MIXED CAR LOADS.—CLAIMS.

The complaint alleged: 1. An overcharge of freight on a mixed carload of hides, tallow and bones from Ashland to Milwaukee. 2. A loss in transit of tallow, due to the unnecessary time that elapsed between its receipt by the carrier and its delivery to the consignee.

Held: 1. There being no provision in the tariffs of the above named company for loading bones in the same car with hides and tallow, the shipment was given the legally published tariff rate.

2. The Railroad Commission has no power to compel the payment of claims. The matter is one for the courts alone.

No. 1197.

Oct. 15, 1907.

Badger-Pomeroy Co.
Chicago, Ill.

vs.

C., M. & St. P. Ry. Co.,
C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

The complainant alleged an overcharge on a carload of lumber shipped from Rhinelander, Wis., to Brodhead, Wis., on the lines of the C. & N. W. Ry. and the C., M. & St. P. Ry. The rate from Rhinelander to Brodhead, via the M., St. P. & S. S. M. and C., M. & St. P. railways is 12 cts. per cwt. There being no joint rates via C. & N. W. and the C., M. & St. P. railways, the rates charged were the sum of the locals, which amounted to 16 cts. per cwt. The complainant contended that the C. & N. W. and the C., M. & St. P. railways should charge only the lowest rate in effect between the points in question and should, therefore, refund \$20.40.

Held: That the rate of 16 cts. per cwt. is the correct charge. The fact that there is a lower rate in effect, over a different route than the one given to the shipment, is no justification on the part of the railroad company for charging less than the published rate in effect over the route ordered.

No. 1198.

Oct. 14, 1907.

H. D. White,
Zanoni, Wis.

vs.

C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

The complainant alleged that the C. & N. W. Ry. Co. charged him 40 cts. on an iron casting shipped from Lake Mills to Zanoni, when the minimum charge on package freight should be but 25 cts.

Held: That the shipment in question moved over two different roads and is subject to a charge of 40 cts., minimum, under the tariff in effect at the time.* See *In re Wisconsin Chair Co.*, informal case, No. 1223. *In re Ira L. Henry*, informal case, No. 1205.

* The tariff has since been amended so as to read as follows: "The minimum charge on a single shipment of one or more classes shall be 100 lbs. at the third class rate, but in no case will the charge for a single shipment be less than 25 cents. Packages marked for two or more consignees cannot be accepted as a single shipment."

No. 1199.

Oct. 17, 1907.

Chas. J. Hagen,
Black Creek, Wis.

ALLEGED OVERCHARGE.

The complainant alleged that the C. & N. W. Ry. Co. is charging in excess of the published tariff rates for the transportation of logs shipped from Galloway, Wis., to New London Jct.; that the overcharges amount to from $\frac{1}{2}$ to 2 cts. per 100 lbs.

An examination of the tariffs showed that only the legally published rates were charged.

No. 1200.

Oct. 15, 1907.

W. H. Smith, vs. *Mondovi, Wis.*

American Express Co.

ALLEGING 1. EXCESSIVE CHARGES;
2. INADEQUATE SERVICE.

Complainant alleged that he purchased envelopes in Chicago, costing 51 cts.; that they were transported by the above named company to Mondovi, and the express charges thereon amounted to 55 cts. The shipment came C. O. D., and the company charged him 15 cts. for returning this amount to the consignor. Complaint was also made because the express company maintains no agent at Mondovi.

Complainant was advised that the matter related to interstate commerce and was, therefore, outside the jurisdiction of this Commission; that the rates charged appear to be the published rates of the express company; that the question of maintaining an agent at Mondovi was within the jurisdiction of the Commission, but that the matter could only be considered on a formal complaint.

No. 1201.

Oct. 18, 1907.

Monroe Planing Mill Co.,
Monroe, Wis.

vs.

I. C. R. R. Co.
C., M. & St. P. Ry. Co.

ALLEGED DELAYS.

The complainant alleged that three carloads of lumber shipped from Flanner, Wis., to Stearns Siding, near Monroe, were delayed in transit.

An investigation showed that the delay was the result of the congested condition of traffic, and also of the failure of consignor to route the car. The explanations were forwarded to the complainant.

No. 1202.

Oct. 19, 1907.

Wolf River Paper & Fibre Co., vs. C. & N. W. Ry. Co.
Shawano, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a shipment of silicate of soda from Fortville, Ind., to Shawano, Wis., claiming that the legal rate was 13½ cts. per cwt., while the railway company claimed that it was 17 cts. per cwt.

The tariffs on file indicated that the legal rate was as claimed by the railway company. The matter is interstate and outside the jurisdiction of this Commission.

No. 1203.

Oct. 22, 1907.

James E. Lyons,
Colby, Wis.

STATION TELEPHONE SERVICE.

Complainant wished to be informed whether or not it was lawful for a telephone company to render free service to a railroad company in its depot.

Held: That such free service would be a discrimination prohibited by the Public Utilities Law.

No. 1204.

Oct. 21, 1907.

Erick Hendrickson, vs. W. C. Ry. Co.
R. F. D., No. 2, Chippewa Falls, Wis.

CLAIM FOR KILLING OF CATTLE.

Complainant alleged that the above named railway company refused to pay for the loss of a cow killed upon its right of way, alleging that the accident was due to the defective condition of the company's snow fences.

Held: That the matter of claims for damages for killing of cattle is outside the jurisdiction of the Commission.

No. 1205.

Oct. 21, 1907.

*Ira L. Henry,**Watertown, Wis.*

MINIMUM RATE ON SINGLE SHIPMENTS.

The railway companies having put into effect a tariff increasing the minimum rate to be charged on single shipments of freight, which rate was in effect for a short period and then was withdrawn and a lower rate substituted therefor, complainant wished to be advised whether such companies could not be compelled to refund the amounts charged in excess of the lower rate during the time the higher rate was in effect.

Held: That while the higher rate was in effect it was the legally published rate, and that refunds could not be made. See *H. D. White v. C. & N. W. Ry. Co.*, informal case, No. 1198; *In re Wisconsin Chair Co.*, informal case, No. 1223.

No. 1206.

Oct. 21, 1907.

*Rev. H. J. Fuhrman,**Fall Creek, Wis.*

1. CLAIMS FOR DAMAGES FOR PERSONAL INJURY;
2. STATION FACILITIES.

Complainant asked: 1. Whether he had a right of action for an injury sustained, due to defective lighting on a station platform; 2. Whether it was necessary for railway companies to light their station platforms.

Held: 1. That the matter of claims for damages for personal injuries is one for the courts and over which this Commission has no jurisdiction.

2. The necessity of lighting a station platform is a question which can be determined by the Commission only upon the filing of a formal complaint.

No. 1207.

Oct. 11, 1907.

J. C. Jordan,

vs.

*American Express Co.**Marshfield, Wis.*

ALLEGED OVERCHARGE.

Complaint relating to charge made by the above named company for transporting a domesticated buffalo from Elroy to St. Paul; the charges were made on the basis of double merchandise rates. The complainant alleged that the rate on cattle

should apply, which would reduce the charges on the shipment from \$30.00 to \$15.00.

The matter was taken up with the officials of the company, who maintained that the double merchandise classification on this shipment was correct, and refused to adjust. As the matter related to an interstate shipment, it was outside of the jurisdiction of the Commission, and complainant was so informed.

No. 1208.

Oct. 22, 1907.

Kanute Raam,

vs.

C., St. P., M. & O. Ry. Co.

Superior, Wis.

ALLEGED DAMAGES ON ACCOUNT OF FAILURE TO SPOT CARS.

Complainant presented to the Commission a claim for damages resulting from the delay on the part of the above named railway company to promptly spot several cars of live stock. On account of this delay several heads of stock were injured, causing financial loss to the owner of the same.

The matter was taken up with the officials of the railway, and the "Omaha" road replied promptly and informed the Commission that the delay complained of was on the Terminal Transfer Company's line of road, but that they would look into the matter. The matter remains unsettled.

No. 1209.

Lapp & Sturmer,

Dorchester, Wis.

Superseded by formal railroad case, *W. G. Tabor v. W. C. R. Co.*, p. 118.

No. 1210.

Oct. 23, 1907.

W. H. H. Macloon,

Janesville, Wis.

ALLEGED DELAYS.

Complainant alleged delay in transporting car of coal from Milwaukee to Janesville.

The matter was referred to the officials of the railway company, who agreed to investigate and report to complainant.

No. 1211.

Oct. 19, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.,

APPLICATION FOR AUTHORITY TO MAKE REFUND.

In the above entitled matter the railway company stated that the Wisconsin Elevator Co. shipped, from Hammond to Milwaukee, two cars, each car containing two kinds of grain, in bulk, separated by bulkheads; that its tariffs provided that when two or more kinds of grain, bearing the same rate, are shipped in the same car the grain must be sacked; that this was only a technical violation of the rule, and asked for authority to make a refund.

Held: If a refund is made, it can be only under sec. 1797-37m, Laws of 1907, which provides that, upon complaint of the shipper, and after hearing, the Commission may recommend a refund.

No. 1212.

Oct. 21, 1907.

P. N. Knorrs, vs. *Blue Mounds, Wis.**C. & N. W. Ry. Co.*

ALLEGED OVERCHARGE.

The complainant shipped two car loads of cattle from St. Paul to Blue Mounds, and claimed to have been overcharged \$18 upon the weight of the cars.

The matter was taken up with the claim department of the railway company, and settlement was made on a basis satisfactory to the complainant.

No. 1213.

Joseph N. Theisen,
Sheboygan, Wis.

See formal complaint, *City of Sheboygan v. Sheb. Lt. P. & Ry. Co.*, page 109.

No. 1214.

Oct. 17, 1907.

Frank C. Southrada,
Chicago, Ill.

INVESTIGATION OF ACCIDENT AT PHILLIPS.

In consequence of an inquiry whether or not the Commission had been notified of the killing, by the W. C. Ry. Co., on Aug. 22, 1907, of one J. Nevhida, at Phillips, Price county, Wis., the

Commission addressed the attorneys of the railway company regarding the accident, and asked why it had not been reported.

The railway company reported that it had no knowledge of such an accident.

No. 1216. Oct. 22, 1907.
G. M. Stephen, *vs.* *C. & N. W. Ry. Co.*
Chicago, Ill.

ALLEGED EXCESSIVE RATE.

The complainant herein alleged that the rate charged by the above named railway company on cotton duck clothing, Milwaukee to Beloit, was excessive.

Held: That the rate charged was in accordance with the legally published tariff and can be changed only upon formal proceeding before the Commission.

No. 1217. Oct. 26, 1907.
Osseo Mercantile Co.,
Osseo, Wis.

MINIMUM WEIGHTS FOR CARLOAD FREIGHT.

The complainant herein inquired whether the "cubical contents" determined the minimum weights on carloads of hay and straw, contending that such a basis would be more correct than the "weight capacity."

A list of minimum weights, based upon the sizes of various cars, was submitted to the Osseo Mercantile Company.

No. 1218. Oct. 24, 1907.
Dodge Creameries Co., *vs.* *W. C. Ry. Co.*
Lake Mills, Wis. *C. & N. W. Ry. Co.*

DAMAGES BECAUSE OF DELAY.

Complainant alleged damages arising from failure of the above named railway companies to deliver, within a reasonable time, a consignment of butter, shipped from Loyal, Wis., to Elgin, Ill.

After correspondence between the railway companies and the Commission, the companies declined the claims, alleging that they were not liable, and that the shipment, being interstate, was not within the jurisdiction of the Commission.

No. 1219.

Standard Mercantile Co.
Tomahawk, Wis.

vs.

Oct. 26, 1907.
C., M. & St. P. Ry. Co.

COMPLAINT CONCERNING 1. CLAIM FOR OVERCHARGE FOR MISDIRECTIONED SHIPMENT;
2. STATION SERVICE.

Complainant alleged that the above named respondent railway company compelled complainants to pay for returning a shipment of goods to Gouda, Wis., on the C., M. & St. P. road, when it had been carried by mistake to Gonda, Wis., on the M., St. P. & S. S. M. Ry. Co. line, the responsibility for the misdirected shipment resting with the C., M. & St. P. Ry.

The matter was referred to the officials of the C., M. & St. P. Ry. Co., who adjusted it.

No. 1220.

George M. Bleecker,
Minneapolis, Minn.

vs.

Oct. 26, 1907.
G. N. Ry. Co.
C., St. P., M. & O. Ry. Co.

ALLEGED DISCRIMINATION IN SERVICE.

The complainant alleged that the Great Northern and C., St. P., M. & O. railway companies were guilty of unlawful discrimination, by making offers to shippers to store their merchandise at the head of the great lakes during the winter.

The complainant was requested to submit specific facts showing the discrimination, which he failed to do.

No. 1221.

Farmers' Implement Co.,
Seymour, Wis.

vs.

Oct. 28, 1907.

United States Express Co.

GOODS BROKEN IN TRANSIT.

Complainant herein alleged that the above named express company charged full freight for castings which have broken in transit, and refused to pay for the loss.

The matter was taken up with the officials of the company, and the complainant later informed the Commission that the company had settled both claims in full.

No. 1222.

Oct. 13, 1907.

Frank J. Grimm,
Milwaukee, Wis. *vs.*

G. B. & W. R. R. Co.

LOSS OF PART OF SHIPMENT.

The complainant alleged that the railway company was charging him for a car of coal on the basis of 77,000 lbs., when he received but 70,630 lbs. He complained that the company refused to make good to him the loss of the coal, and insisted that he pay freight on 77,000 lbs.

Held: The question of claims is one for the courts, and in this particular instance recovery should be sought for the overcharge and also for the loss of part of the coal.

No. 1223.

Oct. 30, 1907.

Wisconsin Chair Co.,
Port Washington, Wis.

MINIMUM WEIGHT ON SINGLE SHIPMENT.

Complainant herein asked to be advised whether or not it was entitled to a refund on all intrastate shipments which had been assessed on a basis of a 40 ct. minimum; and whether it would be legal for the transportation companies to make a refund on that basis.

Held: That, for a short period, 40 cts. was the legal minimum charge within this state, and while it was in effect no refund could be made except upon a formal decision by the Commission that the 40 ct. minimum was unusual or exorbitant. See *White v. C. & N. W. Ry. Co.*, informal case, No. 1198; *In re Ira L. Henry*, informal case, No. 1205.

No. 1224.

Oct. 30, 1907.

Stolle-Barndt Lumber Co. *vs.* *M., St. P. & S. S. M. Ry. Co.*
Tripoli, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

The complainant sent to the Commission a copy of a petition made to the traffic department of the respondent railway company for better station facilities at Tripoli, Wis. The petition alleges that there was insufficient storage room for freight,

especially of a perishable nature, and that the accommodations for passengers were insufficient.

The matter was referred to the general manager of the company, who replied that he had looked into the matter and found that the facilities were not sufficient, and that he had arranged to improve them.

No. 1225.

J. H. Bowker, vs. *M., St. P. & S. S. M. Ry. Co.*
Strickland, Wis.

Formal complaint filed. See p. 112.

See 2 W. R. C. R. 514.

No. 1226.

Oct. 26, 1907.

Tri-State Mining Association,
Janesville, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rates on coal, from Galena to Cuba City and Benton, were excessive and asked what would be a fair rate on carload lots of coal between the points mentioned.

Held: 1. That the matter relates to interstate commerce and is outside the jurisdiction of the Commission.

2. That the Commission cannot express itself as to what it would consider a fair rate without all the facts before it.

No. 1227.

Oct. 31, 1907.

H. E. Roethe, vs. *C., B. & Q. R. R. Co.*
Fennimore, Wis.

ALLEGED INADEQUATE TRAIN SERVICE.

The complainant forwarded a petition to the Commission, signed by a large number of people residing in the vicinity of Bagley, Wis., asking that the afternoon north-bound passenger train be stopped on signal at that station.

Some correspondence with the railway officials resulted in an adjustment, under the terms of which the railway company proposed to install a new local passenger train, which would reach Bagley at about 11 o'clock, a. m. The officials pointed out

that it would be impossible for them to stop the fast through trains, because such stops would make it impossible for them to make their trans-continental connections at Minneapolis.

No. 1228.

L. Stowe,

Washburn, Wis.

Formal complaint filed. See page 117.

No. 1229.

Oct. 16, 1907.

P. H. Hohenadel, Jr., Co., vs. *C., St. P., M. & O. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE.

The complainant alleged that the respondent herein charged him 17 cts. per cwt. on a shipment of pickles in vats on tank cars, from Black River Falls to Janesville, when a commodity rate of 10 cts. per cwt. was in force between the points above mentioned.

Held: That the commodity rate applies only on pickles shipped in *bulk* and not in *vats*; rate charged was correct.

No. 1230.

Oct. 31, 1907.

A. B. Fetty,

La Farge, Wis.

INQUIRY CONCERNING RATES.

The complainant asked to be informed as to the minimum charge for package freight on interstate business in force between Chicago and La Farge.

He was informed that the Commission had been advised that the rate would be reduced to 25 cts. after Dec. 1, 1907.

No. 1231.

Oct. 25, 1907.

Wisconsin Paper Stock Co., vs. *C. & N. W. Ry. Co.*
Neenah, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the C. & N. W. Ry. Co. was exacting a charge of 12.5 cts. on rags in bales from Neenah to Minneapolis, whereas the W. C. Ry. Co. was quoting a rate of

10 cts. The complainant enclosed correspondence with the proper official of the W. C. Ry. Co., in which was quoted a rate of 10 cts. per cwt., minimum 30,000 lbs.

The matter was referred to the railway company, who advised that the 10 ct. rate had been revoked and was no longer in effect, and that the proper rate between the points mentioned was 12.5 cts. per cwt.

No. 1232.

Oct. 20, 1907.

P. B. & E. W. Barlow,
Darlington, Wis.

INQUIRY CONCERNING RATES.

The complainant herein asked for the rate on milk, Darlington to Chicago, and whether the C., M. & St. P. Ry. Co. would haul milk on their early morning passenger train.

The rates were furnished and complainants were referred to the agent at Darlington for information regarding the train in question, the matter being interstate and outside the jurisdiction of the Commission.

No. 1233.

Oct. 23, 1907.

Dunbar Bros., et al, *vs.* *Wis. Car Service Ass'n.*
Milwaukee, Wis.

ALLEGED INSUFFICIENT TIME FOR UNLOADING.

The complainants (thirty commission men of Milwaukee) alleged that the above named association allowed Milwaukee dealers a total of but forty-eight hours for "sampling, selling and handling" hay, straw and feed; and that Chicago dealers were getting forty-eight hours to break bulk and forty-eight hours more to dispose of their shipments.

They were advised to file a formal complaint, which was not done.

No. 1234.

W. W. Johnson,
Augusta, Wis.

See formal complaint, *Elbertson v. C., St. P., M. & O. R. Co.*, page 138.

No. 1235.

Nov. 2, 1907.

Dodge Creameries Co., vs.
Lake Mills, Wis.

W. C. Ry. Co.

ALLEGED DELAYS TO SHIPMENTS.

Complainant alleged that the respondent railway company delayed shipment of twenty-six boxes of butter eight days, Marshfield to Chicago.

The matter was submitted to the officials of the railway company. As it related to interstate traffic, it was outside the jurisdiction of the Commission.

No. 1236.

Oct. 31, 1907.

Stearns Brothers Co., vs.
Monroe, Wis.

I. C. R. R. Co.

ALLEGED EXCESSIVE CHARGES.

The complainant alleged that the above named railroad company exacted a charge of \$2.00 for stopping a car to finish loading, and allowed only one stop to a car.

Held: That the charge of \$2.00 and the rule allowing but one stop to finish loading are based upon the company's legally published tariffs, and the reasonableness of these regulations can be determined only by a formal investigation. See *In re Joseph Stoneman*, informal case, No. 1096.

No. 1237.

Oct. 21, 1907.

Nuzum-Hunter Lumber Co., vs.
Viola, Wis.

C., M. & St. P. Ry. Co.

ALLEGED DISCRIMINATION IN RATES.

The complainant asked the Commission to state whether a rate of 7 cts. on brick, Madison to Viola, is reasonable, as compared with a rate of 8 cts. from Chicago.

Held: That the reasonableness of a rate can not be determined informally by the Commission, but only after formal investigation.

No. 1238. Oct. 2, 1907.
E. Spear, *vs.* *W. C. Ry. Co.*
Neenah, Wis.

CLAIMS.

Complainant alleged loss of baggage, checked between Neenah and Ladysmith.

The matter in dispute was the value of the contents of the baggage, which was outside the jurisdiction of the Commission, and complainant was so informed.

No. 1239. Oct. 31, 1907.
Milwaukee Bag Co.,
Milwaukee, Wis.

INTERSTATE RATES.

Complaint that rates on bags, bagging and burlap cloth, from Omaha and Minneapolis, give dealers at those points an advantage over Milwaukee dealers competing for business in states other than Wisconsin.

Held: The rates in question are interstate and the matter should be referred to the interstate state commerce commission.

No. 1240. Nov. 5, 1907.
L. H. Weyers, *vs.* *G. B. & W. R. R. Co.*
Collins, Wis. *W. C. Ry. Co.*

ALLEGED EXCESSIVE RATES.

The complainant alleged that he had been overcharged on a shipment of household goods from Shiocton to Collins, via the above named railways, that the rate charged was 61 $\frac{2}{3}$ cts. per cwt. and that the combination of the two local rates was in excess of the through rate, which should have been charged.

Held: That the rate charged is the legally published tariff rate, and that no joint rates are in effect between the two points named.

No. 1241. Nov. 7, 1907.
Merchants & Manufacturers Association,
Milwaukee, Wis.

CLASS RATES.

The complainant herein inquired whether the increase in class rates between Milwaukee and Sheboygan Falls, Port Washing-

ton, Sheboygan, Manitowoc, etc., from 30 to 50 per cent was authorized.

Held: The tariff in question was filed with the Commission on Oct. 28, was made effective Nov. 15, and complied with all the provisions of law to make it a legally published tariff.

No. 1242. Nov. 7, 1907.
John Schroeder Lumber Co., *vs.* *W. C. Ry. Co.*
Milwaukee, Wis.

CLAIMS.

The complainant alleged that the above named railway had charged a joint rate of 27½ cts. per cwt. on a shipment originating at Ashland, Ky., and destined to Pewaukee, Wis. The sum of the two local rates would be only 21½ cts., or 6 cts. less than the joint rate in effect between the two points. The complainant maintained that the lesser charge should have been made on the shipment.

Held: That, in accordance with the ruling of the interstate commerce commission (tariff circular 14 A.) on interstate shipments, the published through rate is the legal rate, irrespective of what the sum of the two locals will amount to.

No. 1243. Nov. 4, 1907.
Dr. John E. Woerdin, *vs.* *C., M. & St. P. Ry. Co.*
Minocqua, Wis.

ALLEGED DELAY IN TRANSIT AND EXCESSIVE RATES.

Complainant alleged that a car of coke was eight days in transit from Wausau to Minocqua, a distance of ninety-three miles, and he further complained that the rate of 61½ cts. per cwt. was excessive.

An investigation showed that there had been delay in giving billing directions by consignor, and that car was forwarded the day it was billed; that the rates charged were according to the published schedules on file in this department and therefore were the legal rates.

No. 1244.

Nov. 6, 1907.

F. S. Crandall,
Shell Lake, Wis.

MINIMUM WEIGHT—CAR LOAD—POTATOES.

Complainant wished to be informed whether the Commission had ever ordered the minimum weight on carload lots of potatoes reduced from 30,000 to 24,000 lbs.

Held: That no such order was ever issued by the Commission.

No. 1245.

Nov. 1, 1907.

Colfax Store Co.,
Colfax, Wis.

GRAIN RATES.

Complainant wished to be informed whether the change in grain rates, carload lots, Colfax to Ashland, from 10 to 12½ cts. per cwt. was authorized by the Commission.

Held: That since Sept. 29, 1903, the rate had been 12½ cts. per cwt.

No. 1246.

Nov. 5, 1907.

John McGuire, *vs.* *Marathon County Ry. Co.*
Halder, Wis.

Complainant alleged that the above named railway company refused to construct a spur or loading track at a point convenient for his use, and that it refused him "banking" ground for his logs upon the company's right of way.

The matter was submitted to the officers of the company, who submitted a proposition, presumably satisfactory to complainant, as he did not reply when it was transmitted to him.

No. 1247.

Nov. 6, 1907.

C. Starkweather & Son, *vs.* *C., M. & St. P. Ry. Co.*
Beaver Dam, Wis.

ALLEGED OVERCHARGE.

Complainants herein alleged overcharge on a shipment of wood from Brockton to Beaver Dam, said to be due to excessive weights.

The matter was referred to the officials of the railway company, who declined the claim, alleging that, as the stenciled

“tare and light weight” corresponded, there could be no foundation for the claim. The matter was outside the jurisdiction of the Commission.

No. 1248.

Magedanz & Wolfrath,
New London, Wis.

vs.

Nov. 7, 1907.

Big Falls Ry. Co.

RATES AND SERVICE.

Above named railway company refused to accept saw logs for shipment and did not render prompt service on shipments of wood. Complainants also alleged that its charges for handling wood were excessive.

The company denied the allegations of complainants and a copy of its letter was forwarded to complainants, who did not reply.

No. 1249.

W. P. Scheckler.

Formal complaint filed. See page 115.

No. 1250.

Cabbage Growers' Association vs. *C., M. & St. P. Ry. Co.*
Burlington, Wis.

Nov. 1, 1908.

ALLEGED FAILURE TO SUPPLY CARS.

Complaint was made that the above named company was not furnishing cars to move cabbages from Union Grove to points without the state.

The matter was taken up with the officials of the company and the Commission was later informed that cars were supplied and the situation relieved.

No. 1251.

W. T. Kelsey,
Madison, Wis.

vs.

Nov. 9, 1907.

C., M. & St. P. Ry. Co.

LOST MILEAGE.

Complainant alleged the loss of a mileage book containing unused transportation.

The matter was taken up with the officials of the company, who advised the Commission that the refund would be made if

complainant would furnish an indemnifying bond protecting the company from loss, which was furnished and the claim was paid.

No. 1252. Nov. 9, 1907.
Baldwin Mercantile Co., vs. *C., M. & St. P. Ky. Co.*
Sparta, Wis.

INTERSTATE RATES.

Complainant alleged that the rate on nails and wire, from Cleveland, Ohio, to Sparta, is in excess of the rate to La Crosse.

The matter was submitted to the officials of the railway company, who declined to change their rates, stating that the rates to La Crosse are made necessary by Minneapolis and St. Paul competition, and that the rates to Sparta are reasonable in themselves. A copy of the company's letter was sent to the complainant, and he was advised of the Commission's lack of jurisdiction.

No. 1253. Nov. 12, 1907.
Wisconsin Pulp and Paper Mfrs. Association.

PAPER RATES.

Complaining of the proposed advance in rates on paper from Fox River Valley Mills, Wisconsin Run Mills and Northern Wisconsin Mills to points in Wisconsin and other states.

The matter was submitted to the officials of the railways, who advised the Commission that there had been an adjustment of rates from eastern mills to the points spoken of in complainant's letter, and that the interests of complainant in no way suffered by the change in rates from the Wisconsin mills.

This was submitted to complainant with the statement that the matter was largely interstate and, therefore, outside the jurisdiction of the Commission.

No. 1254. Nov. 14, 1907.
Hugh C. Jones, vs. *W. C. Ry. Co.*
Sherry, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

Complaining that the above named company still makes 40 cts. its minimum charge for transporting freight.

An investigation showed that the charge made was on shipments from Chicago, and therefore outside the jurisdiction of

the Commission, and complainant was so informed. See formal railroad case No. 191, page 95.

No. 1255. Nov. 15, 1907.
Newman & Frisch, vs. *C. & N. W. Ry. Co.*
Milwaukee, Wis.

CLAIMS.

Complaining that the above named railway had failed for a year to settle certain claims for goods lost in transit.

The matter was taken up with the general claim agent of the company, who, on Nov. 20, mailed complainant a check in full,

No. 1256. Nov. 16, 1907.
Cady & Strehlaw,
Green Bay, Wis.

CATTLE GUARDS.

Inquiring whether the Commission had made an order determining what was a sufficient cattle guard.

Held: No such order has been made.

No. 1257. Nov. 16, 1907.
B. P. & E. P. Barlow,
Darlington, Wis.

LIVE STOCK RATES.

Inquiring why the freight rate on sheep does not conform to the rates on "live stock" in the order made by the Commission.

The order entitled *In re Rates on Live Stock*, 1 W. R. C. R. 778, discusses the question at length and a copy thereof was sent to complainant.

No. 1258. Nov. 13, 1907.
I. Barnett & Son, vs. *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

RATES ON RAGS AND JUNK.

Complainant shipped car containing rags and junk from Beloit to Milwaukee and was charged the Class C rate, 8 4-10 cts. per cwt., and complained that the rate was excessive.

Held: Scrap iron, straight carloads, takes Class D rates. Rags in straight carloads or in mixed carloads with scrap paper

and old rope, takes Class D rates (minimum 30,000 lbs.) P. 68, item 46, western classification. This classification provides for mixing rags and scrap iron at Class C rates.

Class C rate, Beloit to Milwaukee is 8 4-10 cts. per cwt., while Class D rate between same points is 6 1-2 cts. per cwt.

Rule No. 7, western classification, reads "when rate of carload is not named, the classification which is given will govern, *and no two or more articles having a carload rate shall be shipped in mixed carloads at the carload rate.*"

No. 1259.

Nov. 15, 1907.

H. J. Schneider,

Two Rivers, Wis.

FREIGHT ON INTERURBAN RAILWAYS.

Inquiring whether an interurban road, with a franchise for passengers only, could also haul freight.

Complainant was informed that his question was indefinite; that an opinion thereon could not be given. Complaint blanks were forwarded him and he was advised he could file a complaint which would be considered.

No. 1260.

Nov. 18, 1907.

M. L. Fugina, vs.

C., B. & Q. R. R. Co.

Fountain City, Wis.

TRAIN SERVICE.

Complaining because the above named railroad had discontinued Fountain City as a flag station for certain trains from the Twin Cities to Chicago.

The matter was submitted to the officials of the company, who declined to stop the trains in question, of which complainant was informed, and he was advised that his only recourse was to file a formal complaint.

No. 1261.

Nov. 15, 1907.

Oshkosh Fuel Co., vs.

C. & N. W. Ry. Co.

Oshkosh, Wis.

CLAIMS.

Enclosing a claim against above named railway company, alleging an overcharge in a shipment of cord wood, Elmhurst to Sheboygan.

The rates were investigated and the matter was submitted to the officials of the railway company, who paid the claim.

No. 1262.		Nov. 19, 1907.
<i>Shawano Fuel Co.,</i>	vs.	<i>C. & N. W. Ry. Co.</i>
<i>Shawano, Wis.</i>		

CLAIMS.

Complainant alleged an overcharge on a car of hard coal, shipped from Green Bay to Shawano.

The matter was investigated by the Commission and taken up with the officials of the company, who admitted their error in declining the claim and remitted the amount in dispute to complainant.

No. 1263.		Nov. 20, 1907.
<i>Chicago, Milwaukee & St. Paul Ry. Co.</i>		

EMERGENCY RATES.

Application for authority to make immediately effective rate of 7½ cts. per cwt. on salvage grain, Superior to Milwaukee.

Application approved.

No. 1264.		Nov. 22, 1907.
<i>Northern Pacific Ry. Co.</i>		

EMERGENCY RATE.

Application for authority to make immediately effective a rate of 7½ cts. per cwt. in salvage grain, Superior to Milwaukee.

Application approved.

No. 1265.		Nov. 25, 1907.
<i>In re</i> LONG AND SHORT HAUL CLAUSE.		

In the above entitled matter was an investigation to determine whether or not the long and short haul clause carried on a distance tariff applies to all other tariffs making rates for the same distances in the same territory.

Held: The long and short haul clause, published in a tariff, applies only to the tariff in which it appears, and if such tariff does not bear the long and short haul clause, it is taken to mean that it is not the intention to apply the rates shown in such tariff as maxima at intermediate points.

No. 1266. Nov. 20, 1907.
O. B. Schulz, vs. *C., M. & St. P. Ry. Co.*
Racine, Wis.

RATES ON HAY.

Complaining of freight charged on hay shipped from Corliss to Milwaukee.

An investigation showed that there had been an overcharge, and complainant was advised to present his claim with Commission's letter to the railway company.

No. 1267. Nov. 22, 1907.
Badger Telephone Co., vs. *C., M. & St. P. Ry. Co.*
Oconomowoc, Wis.

TELEPHONE IN RAILWAY STATION.

Complaint to the effect that the railway company refuses to pay its telephone bills.

Held: Free telephone service is prohibited and must be discontinued.

No. 1268. Nov. 21, 1907.
J. W. Burkholder, vs. *C., St. P., M. & O. Ry. Co.*
Hudson, Wis.

CLAIMS.

Claim for damages on account of certain household goods injured in transit.

The matter was taken up with the officials of the company, who promised to adjust the matter to the satisfaction of complainant.

No. 1269. Nov. 22, 1907.
L. M. Goldberg, vs. *C. & N. W. Ry. Co.*
Marion, Wis.

CLAIMS.

Complainant alleged an overcharge on a carload of potatoes shipped from Marion to Odanah.

The matter was investigated and the shipment appeared to have moved on the legally published rate, and complainant was so informed.

No. 1270. Nov. 22, 1907.
Clad Royse, *vs.* *C., M. & St. P. Ry. Co.*
Columbus, Wis.

CLAIMS.

Complaining of an alleged overcharge in freight on two horses, shipped Paris, Ky., to Columbus, Wis.

The matter was investigated and it was determined that there was an overcharge, and complainant was advised to file his claim with the railway company.

No. 1271. Nov. 21, 1907.
La Crosse and South Eastern Ry. Co.

TARIFFS.

Inquiring whether it is permissible "to use a joint through freight rate from one station to another in the state of Wisconsin to meet rates made by competing line without applying such rate to and from intermediate points."

Held: If the legally published tariffs provide for it, there is nothing in the statute to prohibit it.

No. 1272. Nov. 22, 1907.
R. H. Hawkins, *vs.* *C., St. P., M. & O. Ry. Co.*
Milacca, Minn.

CLAIMS.

Complainant alleged a loss of two sacks old rubbers, shipped from Rice Lake to Milwaukee.

The matter was investigated and it was found that the railway company held consignee's receipt for the freight.

No. 1273. Nov. 25, 1907.
Upham & Agler, *vs.* *C. & N. W. Ry. Co.*
Chicago, Ill.

CLAIMS.

Alleging an overcharge in a shipment of lumber from Holcombe to Janesville.

An investigation showed that the correct rate had been charged.

No. 1274.

Nov. 20, 1907.

*Roddis Lumber & Vencer Co.**Marshfield, Wis.*

APPLICATION FOR AUTHORITY TO DISCONTINUE AS COMMON CARRIER.

The above named company operates a railroad twelve miles long, running in a northwesterly direction from Park Falls into Ashland county. It was constructed for the purpose of hauling certain forest products from the lands which the above named company owned in the section through which the railroad runs. Their total gross earnings for the year ending Dec. 31, 1906, amounted to but \$354. In the above entitled matter they applied to the Commission for authority to discontinue business as a common carrier.

The matter was taken under advisement and no action thereon has ever been taken, nor has the company asked anything further relating to it.

No 1275.

Nov. 25. 1907.

*Eastern Wis. Ry. and Light Co.,**Fond du Lac, Wis.*

STATIONS.

Asking whether it would be necessary for it to build a depot in North Fond du Lac.

Held: The Commission, knowing nothing of the circumstances, expressed no opinion thereon.

No. 1276.

Nov. 25, 1907.

Wisconsin & Northern Ry. Co.

EMERGENCY RATES.

Application for authority to publish, effective immediately, a tariff showing new stations north of Neopit and to Van Ostrand.

Application approved.

No. 1277.

William Rienow,

vs.

*W. C. Ry. Co.**Loyal, Wis.*

Formal complaint filed. See page 118.

No. 1278. Nov. 29, 1907.
Rotstein Brothers, vs. *C. & N. W. Ry. Co.*
Janesville, Wis.

RATES.

Complaining that rates on junk from Janesville to East Chicago, Ill., had been increased.

The matter being outside the jurisdiction of the Commission, it was taken up informally with the officials of the railway company, who explained it was discovered there were some inconsistencies in scrap iron rates, and in adjusting these, it had become necessary to advance the rates between the points in question from \$1.00 per ton to \$1.30 per ton, and increase the minimum from 30,000 lbs. to 40,000 lbs.

No. 1279. Nov. 26, 1907.
C. Starkweather & Son,
Beaver Dam, Wis.

RATES.

Complaining of charge made on a shipment of maple clippings from Hermansville, Mich., to Beaver Dam.

There was not sufficient information furnished to enable the Commission to investigate the matter, and complainants were asked to furnish further facts, which they did not do.

No. 1280. Nov. 26, 1907.
E. Brookins, vs. *C., M. & St. P. Ry. Co.*
Gays Mills.

RATES.

Complaining of the charge made for transporting a car of apples, Gays Mills to Milwaukee.

The matter was investigated and the shipment appeared to have moved in the regularly published tariff rate, and complainant was so informed. He was also informed of the law governing complaints.

No. 1281. Nov. 26, 1907.
F. J. Swart,
Waukesha, Wis.

RATES ON WOOL.

Asking for rates on wool C. L. from Bruse, Wis. to Racine. He was informed that the W. T. L. rule 91, provides for

“wool in sacks, carloads, minimum weight 16,000 lbs., 3rd class rate.” M., St. P. & S. S. M., G. F. D. 3785 names 3rd class rate between the points in question of 44 cts. per cwt.

No. 1282. Nov. 28, 1907.
Theodore Gander, vs. *T. M. E. R. & L. Co.*
Milwaukee, Wis.

ALLEGED FAILURE TO OPERATE A STREET CAR LINE.

Alleging that the above named company operates no cars over its North avenue extension in the city of Milwaukee.

The matter was taken up with the officials of the company, who advised the Commission “that cars have not been operated on North avenue west of 30th street, for the reason that up to the present time the city has not passed a franchise permitting it.” Other reasons were alleged, and references made to the decision of this Commission *in re City of Milwaukee vs. T. M. E. R. & L. Co.* 2 W. R. C. R. 662.

No. 1283. Nov. 22, 1907.
Wolf River Paper & Fibre Co. vs. *C. & N. W. Ry. Co.*
Shawano, Wis.

CLAIMS.

Complainant submitted the papers in six claims, which it alleged the above named company had unjustly declined to allow.

The claims all related to interstate shipments, and as such were outside of the Commission’s jurisdiction. The matter was taken up with the officials of the railway company, and, after some correspondence, one of the claims was paid and the others finally declined.

No. 1284. Nov. 22, 1907.
In re MAIL CONNECTIONS AT MADISON.

Complainant alleged that the train leaving Milwaukee at 1:40 p. m., daily, maintains a service which is insufficient for the needs of the public, in that it is frequently behind time, failing to reach Madison in time to have mail transferred to the I. C. R. R. train, leaving Madison at 4:30 p. m.

The matter was submitted to the officials of the C., M. & St. P. Ry. Co., who submitted a report showing record of the train for the month of November, 1907. This was submitted to complainant, who was advised of his rights as to complaints against railways before this Commission.

No. 1285.

Nov. 22, 1907.

C. R. Marks, et al.,

vs.

*I. C. R. R. Co.**Hollandale, Wis.*

TELEGRAPH SERVICE.

In the above entitled matter a petition was filed with the Commission signed by a large number of residents in and about the village of Hollandale, to the effect that the above named railroad company "is about to remove its telegraph instruments from a number of stations on its line between Red Oak, Illinois, and Dodgeville, Wisconsin," and petitioning this "Commission to take such action as may be necessary to prevent the said company from discontinuing the telegraph service on the line in question if possible."

The question involved in this matter is the same as that involved in similar complaints filed against other railways before this Commission. See page 120.

In the complaint herein, the general manager of the above named railroad advised the Commission, after some correspondence on the question, that no change would be made at Hollandale for the present.

The complainants were advised of this and the matter is closed.

No. 1286.

Dec. 3, 1907.

Edward W. Guildner,

vs.

*C., M. & St. P. Ry. Co.**Kilbourn, Wis.*

TRAIN SERVICE.

Complainant alleged that the above named railway company had discontinued stopping the trains No. 2 and No. 5 at Lewiston, in violation of the order of the Commission *in re Fuldner v. C., M. & St. P. R. Co.* 1 W. R. C. R. 102.

It appears that the time of the train known as No. 2 had been changed so it passed through Lewiston at midnight, which made it of little value to the citizens of that point.

The matter was referred to the officials of the company.

No. 1287.

Dec. 4, 1907.

Green Bay & Western R. R. Co.

ERROR IN ROUTING; REFUND PETITION.

Application for authority to make a refund owing to an error in routing.

Held: That claims of this nature should properly be made by the claimant filing a complaint under the provisions of sec. 1797—37m, Laws of 1907.

See *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300; *Alart & McGuire v. G. B. & W. R. Co.* 2 W. R. C. R. 340.

No. 1288. Dec. 5, 1907.
Wm. Trachte, *vs.* *W. C. Ry. Co.*
Watertown, Wis.

CLAIMS.

Complainant alleged he had shipped a consignment of butter from Amherst to Philadelphia, that the butter went by mistake to New York, where, to save loss, it was sold, but proceeds were not remitted to complainant nor was his claim for damages paid.

The matter was submitted to the officials of the railway company who stated that the delay in the claim was due in part to the removal of its general offices from Milwaukee to Chicago, but that the matter was being looked after and that he would be advised as soon as the eastern roads could be heard from.

No. 1289. Dec. 5, 1907.
E. F. Nelson, *vs.* *C. & N. W. Ry. Co.*
Elmhurst, Wis.

ALLEGED INSUFFICIENT SHIPPING FACILITIES.

Complainant alleged that the above named railway company has insufficient ground at Eleho for piling pulp wood for shipping.

The matter was taken up with the officials of the company, who stated that if complainant would apply to the division superintendent, space would be assigned to him.

No. 1290. Dec. 3, 1907.
Dells Lumber & Shingle Co., *vs. C., St. P., M. & O. Ry. Co.*
Eau Claire, Wis.

ALLEGED EXCESSIVE FREIGHT CHARGES.

Complaining of charge made for shipping a pair of engine trucks, Eau Claire to Whitewater, it appearing that complainant was charged at a rate of 5,000 lbs.

Held: The shipment was charged at legally published tariff rates.

No. 1291.

Nov. 29, 1907.

A. E. Parkinson,

vs.

*C., M. & St. P. Ry. Co.**La Crosse, Wis.*

ALLEGED EXCESSIVE PASSENGER FARE.

Complainant alleged that the agent of the above named railway company at Minocqua charged him \$3.43 for a ticket to Tomah, that he had before been charged \$3.23 for a ticket between the same points.

An investigation of the tariffs on file in this department showed that there was a difference in the rate between the points in question, depending on the routing. A compilation of the rates was sent complainant.

No. 1292.

Dec. 5, 1907.

*George W. Smith,**Madison, Wis.*

LUMBER RATES.

Asking the rates on lumber from Tigerton and Whitecomb to Freeport, Illinois, which were compiled and sent complainant.

No. 1293.

Dec. 5, 1907.

*Wisconsin Pipe & Fuel Co.,**Eau Claire, Wis.*

COAL RATES.

Complainant alleged that while the rate on hard coal, from Ashland to Eau Claire, is \$1.40 over the line of the W. C. Ry. Co., that company is charging \$1.85 per ton on the same commodity to intermediate points.

Held: There is no long and short haul provision in the Wisconsin Railroad Commission Law; that if complainant deems the present rates excessive, a complaint to that effect would be considered.

No. 1294.

Dec. 10, 1907.

C. Starkweather & Son,

vs.

*C., M. & St. P. Ry. Co.**Beaver Dam, Wis.*

CORD WOOD RATES; RECONSIGNING CHARGE.

Complainants alleged that they were charged 8½ cts. per cwt. on cord wood, shipped from Wells, Mich., to Beaver Dam, while

the rate from Wells to Waupun is 7½ cts. They also complained that the company charged \$2 per each car that was reconsigned.

Held: The rates as quoted by complainant are correct, and being the regularly published tariff rates, they must be charged; that they relate to interstate traffic and as such are outside of the jurisdiction of this Commission; that the reconsigning rule of the company provides that: "Freight of all kinds, except fruit and vegetables, when no change has been made in the same, may be reconsigned before delivery to a point beyond on the direct line at an additional charge of \$2 per car above current tariff rate from point of origin to final destination, subject to car service and storage charges; one consignment only to be allowed."

No. 1295.

Dec. 20, 1907.

Ed. Efav,

vs.

W. C. Ry. Co.

Bennet, Wis.

HIGHWAY CROSSING.

Complainant is the town clerk of the town of Nebagamon, Douglas county, Wis., and alleged that a highway crossing in that town, over the tracks of the above named railway company, was dangerous.

The matter was taken up with the officials of the company, and, after correspondence, improvements were made by the company in the crossing, which were satisfactory to the town officials.

No. 1296.

Dec. 9, 1907.

W. L. Downton,

vs.

C. & N. W. Ry. Co.

Milwaukee, Wis.

STATION FACILITIES.

Complainant alleged that the Lac du Flambeau station, on the line of the above named company, was not kept open after six o'clock in the evening.

The matter was submitted to the officials of the company, who advised the Commission that arrangements had been made to have the station open and warm for the accommodation of passengers taking trains between six o'clock in the evening and six o'clock in the morning.

No. 1297.

Dec. 10, 1907.

*J. Buchholz,**Glen Flora, Wis.*

STATION FACILITIES.

Inquiring whether a railway company must furnish provisions for banking wood, logs and other forest products along its road tracks. Additional information was asked for but not furnished.

No. 1298.

Dec. 5, 1907.

*Merchants' & Manufacturers' Ass'n, vs. C. & N. W. Ry. Co.**Milwaukee, Wis.*

CLASS RATES, INCREASE IN.

The complainant in the above entitled matter alleged that the C. & N. W. Ry. had recently increased class rates between Milwaukee, Sheboygan Falls and other points from 30 to 50 per cent, and that the company claimed that the increase was made necessary by a recent readjustment of rates between Manitowoc and Green Bay.

The complainant was advised that the Commission could express no opinion as to the reason for or justice of the changes in question; that such changes were not made in consequence of any action on its part; that if complainant was dissatisfied, a formal petition in the matter might be filed, and if filed would be considered.

No. 1299.

Dec. 27, 1907.

*Colin W. Wright,**vs.**I. C. R. R. Co.**Monroe, Wis.*

TRAIN SERVICE.

Complainant alleged that the above named railway company had discontinued its Sunday train and its morning passenger train, north, and evening passenger train, south, from Madison to Freeport. The matter was taken up with the officials of the company, who advised the Commission that the general policy of retrenchment necessitated the abandonment of these trains, as they were unremunerative. Complainant was advised of the company's reply, and was informed that his only recourse would be to file a formal petition.

No. 1300. Dec. 12, 1907.
William Lewton, vs. *C., M. & St. P. Ry. Co.*
Stoughton, Wis.

CLAIMS.

Complainant alleged that he shipped a consignment of empty barrels from Stoughton to Madison, eleven of which were lost in transit, and that he had not been able to secure a settlement of the matter with the railway company.

The matter was taken up, and the railway company soon after advised the Commission that the claim had been adjusted.

No. 1301.
C. J. Rooker, vs. *C., M. & St. P. Ry. Co.*
Minocqua, Wis.

FREIGHT RATES.

Complaint of an alleged overcharge on shipment of coal, Wausau to Minocqua.

No. 1302. Dec. 9, 1907.
Robert Blackburn, vs. *C. & N. W. Ry. Co.*
Milwaukee, Wis.

LUMBER RATES.

Complaining of rate charged on a carload of lumber shipped from Birnamwood, on the above named railway, to Random Lake, on the C., M. & St. P. Ry.

The rates were investigated and found to be based on the sum of the two locals, which was the legally published tariff rate, there having been no joint rate in effect between the points in question.

No. 1303. Dec. 12, 1907.
Cooper & Maxon Lumber Co., vs. *W. C. Ry. Co.*
Milwaukee, Wis.

LUMBER RATES.

Complainant alleged an overcharge on a carload of cedar shingles, shipped from Marinette to Colfax, Wis., on which freight at the rate of 16½ cts. per cwt. was charged.

The matter was investigated and it was discovered that there was no joint rate in effect between the two points, and the freight was properly charged on the basis of the two locals.

No. 1304.

Wolf River Paper & Fibre Co., vs. C. & N. W. Ry. Co.
Formal complaint filed. See page 120.

No. 1305.

Dec. 27, 1907.

In re CORD WOOD RATES.

In the above entitled matter the C. & N. W. Ry. gave notice that on Feb. 1, 1908, it would cancel its cordage rate on cord wood and substitute therefor rates in cts. per 100 lbs., based on a distance tariff. As the matter was of importance to the dealers in cord wood in various portions of the state, notice was given to all of such dealers of the proposed change, and comments were asked for, and a large number of replies were given, from which it appeared that contracts had been made on the basis of the rates then in effect, by which green wood might be shipped at the same rates as dry wood; that the cancelation of the rates as early as Feb. 1 would prevent the wood producers from shipping the wood which they had contracted for, and that loss would result in consequence thereof.

The matter was taken up with the traffic officials of the railway company and a conference arranged for, at which a committee representing the wood dealers appeared, and the railway company was represented by its assistant general freight agent. The railway company contended that a tariff, naming the same rates on green wood as on dry wood, was in itself discriminatory and unjust to persons shipping dry wood, but that, in view of the contracts which had been made, the company would postpone the effectiveness of the tariff to March 1. This was not satisfactory to the shippers, and they were advised that their recourse would be to file a formal complaint, which they failed to do.

No. 1306.

Alart & McGuire, vs. G. B. & W. R. R. Co.
Formal complaint filed. See page 126.

20—R. R.

No. 1307. Dec. 14, 1907.
Oshkosh Fuel Co. vs. *C. & N. W. Ry. Co.*
Oshkosh, Wis.

CLAIMS.

Complainant filed papers in the matter of a claim which it had against the above named railway company for an alleged overcharge on a car of wood shipped from Polar, Wis., which is located on the Elton spur of the C. & N. W. Ry., to Cudahy, and wished to be advised whether there had not been an overcharge thereon.

The matter was investigated by the Commission, and it developed that the charge was \$10 in excess of the legally published tariff rate, and complainant was so advised.

No. 1308. Dec. 16, 1907.
C. W. Brown,
Waukesha, Wis.

RATE OF LIVE FROGS.

Complainant in the above entitled matter asked this Commission to secure for him a carload rate on live frogs from Worthington, Minn., to Oshkosh, Wis., and from Spirit Lake, Ia., to Oshkosh.

The matter was taken up with the officials of the roads over which it was proposed the commodity should move, and a rate of 65 cts. was furnished, which was satisfactory to the complainant.

No. 1309. Dec. 12, 1907.
C. S. Large, vs. *C. & N. W. Ry. Co.*
Fond du Lac, Wis.

LIVE STOCK RATES.

Complaining of the rate charged on a shipment of cattle from Oelwein, Ia., to Oakfield, Wis.

It appeared that the shipment moved in a car taking a minimum of 20,500 lbs., and that the rate charged complainant was correct, according to the tariff.

No. 1310.

Dec. 12, 1907.

*Brown Bros. Lumber Co.,
Rhineland, Wis.*

COMPETITIVE RATES.

Complainant inquired of the Commission whether a railway company may legally accept a shipment from a competitive point, consigned to a point on another line with whom it has no through rates, when at the time the shipment is accepted the consignor had the option to consign his freight by a competing line, which had a lower through rate.

Held: There is not only no obligation on the part of the railway company to meet the low rate of the competing company, but if it has a legal published tariff naming a higher rate, it is compelled to charge the rate named in the tariff and may not make a reduction to meet the rates of the other lines.

No. 1311.

Dec. 14, 1907.

*Grant Childs,
Ashland, Wis.*

PASSENGER RATES.

In the above entitled matter the complainant asked for the legal published rate between Ashland and La Crosse, over the C., St P., M. & O. Ry. and the C. & N. W. Ry. by way of Elroy, and alleged that the agent at Ashland had demanded of him \$6.59 for the through ticket, while the agent at La Crosse sold tickets for \$5.35.

The matter was submitted to the general passenger agent of the railroads involved, who advised the Commission that the discrepancy was due to the changes in tariffs, caused by the passage of the Two-Cent Fare Law. That the higher charge was at the rate of two cents per mile, while the charge from La Crosse to Ashland was made to meet competitive conditions and was less than two cents per mile. He stated that the rate from Ashland to La Crosse would at once be lowered to the level of the other rate.

No. 1312.

Dec 17, 1907.

Menasha Paper Co. vs. *Dunbar & Wausaukee Ry. Co.*
Menasha, Wis.

LUMBER RATES.

Complainant alleged that the above named company refused to furnish it with rates on cedar shingle timber from points on its line to points on the line of the C., M. & St. P. Ry. Co.

The matter was referred to the officials of the railway company, who filed a tariff naming a rate of 5½ cts. per cwt. on cedar logs from points on its line to Menasha, which was satisfactory to the complainant.

No. 1313.

Dec. 19, 1907.

In re TRAIN CREW LAW.

The complainant, a general officer in a railway operatives protective organization, advised the Commission that the Wisconsin & Michigan Ry. Co. was not observing the requirements of ch. 402, Laws of 1907, known as the Wisconsin Train Crew Law, and inquired whether the Commission had jurisdiction over the matter.

He was furnished with a copy of the law and informed that the Commission would consider a complaint.

No. 1314.

Dec. 13, 1907.

W. J. Campbell, vs. *C. & N. W. Ry. Co.*
Oshkosh, Wis.

LOG CAR EQUIPMENTS.

The complainant in the above entitled matter alleged that the railway company refused to permit him to use bunks and chains in securing logs shipped on its cars, and requested a "stake" equipment, which was more expensive.

The matter was submitted to the officials of the railway company, who advised the Commission that it was necessary to secure loads of this kind in the best manner possible, and that its rules required shippers to provide the necessary equipment. This was submitted to the complainant and the matter was closed.

No. 1315.

Dec. 14, 1907.

*Farmers Mercantile & Supply Co.,
Elkhart Lake, Wis.*

MIXED CARLOADS.

Complainant alleged that it received a car containing 16,000 lbs. "dairy feed," 16,000 lbs. pulp plaster in bags and 4,000 lbs. oyster shells, and was charged for freight on 30,000 lbs. of feed, 24,000 lbs. of pulp plaster and 4,000 lbs. oyster shells.

An investigation of the tariffs on file showed that there was no rule in effect permitting the above named commodities to be shipped in one car at the carload rate for the commodity taking the highest rate, and that in the absence of such a rule, the lowest rate which could be charged was applied.

No. 1316.

Dec. 11, 1907.

*Dells Lumber & Shingle Co.,
Eau Claire, Wis.*

CONTRACTS.

The above named company submitted a copy of a contract which it had entered into with a railway company, and asked for a construction thereof. It was informed that the construction of contracts was a matter outside the jurisdiction of this Commission and the matter should be referred to an attorney.

No. 1317.

Dec. 11, 1907.

*Wolf River Paper & Fibre Co., vs. C. & N. W. Ry. Co.
Shawano, Wis.*

INTERSTATE RATES.

Complaining of the rate charged on a shipment of paper from Shawano to Los Angeles, Cal.

The matter being outside the jurisdiction of the Commission, it was submitted to the interstate commerce commission, and complainant was advised to correspond directly with that body. No information has been received of the disposition of the matter.

No. 1318.

Dec. 16, 1907.

Alex. Wiggins,
Orfordville, Wis.

vs.

C., M. & St. P. Ry. Co.

LIVE STOCK RATES.

Complainant advised the Commission that the rate on hogs, Orfordville to Milwaukee, was 12½ cts., and from Madison to Milwaukee 11½ cts.; that the distance is nearly the same.

The matter was submitted to the officials of the railway company, who stated that the competition at Madison and a slightly shorter haul accounted for the difference in rate. A copy of the railway company's letter was sent to complainant.

No. 1319.

Dec. 26, 1907.

In re Green Bay & Western R. R. Co.

EMERGENCY RATES.

Applying for authority to re-issue a tariff on coal, effective immediately, to correct an error in a former issue.

Application approved.

No. 1320.

Dec. 20, 1907.

Brown Bros. Lumber Co.
Rhineland, Wis.

INTERSTATE RATES.

Complainant alleged that it had been overcharged on certain shipments of lumber from Rhineland to points in other states.

The files of foreign tariffs in the possession of the Commission being incomplete, it was impossible to express an opinion on the matter. Therefore complainant was advised to refer the matter to the interstate commerce commission.

No. 1321.

Dec. 18, 1907.

Brown Bros. Lbr. Co.,
Rhineland, Wis.

vs.

C., M. & St. P. Ry. Co.
C. & N. W. Ry. Co.

FREIGHT RATES.

Complainant inquired whether the above named companies are permitted to charge a rate higher than the Chicago rate to points between Waukesha and Chicago on the W. C. Ry., when

loads originate on Wisconsin Valley division of one road and the Ashland division of the other.

Held: There being no long and short haul provision in the Wisconsin law, therefore the published tariffs must govern.

No. 1322.

Dec. 18, 1907.

Waupaca-Green Bay Ry. Co.

EMERGENCY RATES.

Application for authority to put into immediate effect a distance tariff.

Application approved.

No. 1323.

Dec. 19, 1907.

John A. McLeod,

Milwaukee, Wis.

LIVE STOCK RATES.

Complainant submitted an expense bill and wished to be advised if he had been overcharged on a shipment of certain live stock from Neillsville to Fond du Lac.

An examination of the tariffs on file indicated that a correct charge had been made, and complainant was so informed.

No. 1324.

Dec. 23, 1907.

Jas. M. Bodenberger, vs.

C. & N. W. Ry. Co.

Evansville, Wis.

PASSENGER RATES.

Complainant alleged that on Nov. 20, 1907, a party of five applied to the agent at Waukesha for through tickets from that point to Evansville via Madison. The agent stated that he had no through rates with that routing, and that they were compelled to buy tickets to Madison and from there to Evansville, the sum of the local rates being \$1.70, while the through rate from Waukesha to Evansville via Janesville, is only \$1.20.

Held: C. & N. W. Tariff M-5-3, governing in this case, reads: "Routes—The fares apply and tickets will be honored only by the direct and eligible routes, unless otherwise specified," and as no other condition for this fare or route is specified, the through rate applied only from Evansville.

After the investigation of this matter, the railway company put into effect a rate between the points in question of \$1.46, via Madison.

No. 1325. Dec. 27, 1907.
C. Scheckler, *vs.* *C. & N. W. Ry. Co.*
Berryville, Wis.

STATION SERVICE.

Complainant, a cabbage grower of Berryville, alleged that unnecessary delay occurred in forwarding cars shipped from Chicory switch, a point on the line of the above named company's road, two miles south of Racine.

The matter was taken up with the company's general manager, who advised the Commission that orders had been given which would avoid a recurrence of the delay.

No. 1326. Dec. 28, 1907.
Oscar Olson, *vs.* *C., M. & St. P. Ry. Co.*
Rubicon, Wis.

FAILURE TO FURNISH CAR.

Complainant alleged that on Nov. 15 he had ordered a 50-ft. flat car on which to load a traction engine, separator and water tank, and that the company failed to furnish it within a reasonable time, and that he suffered a loss of \$100 in consequence thereof.

The matter was taken up with the officials of the railway company, who advised the Commission that its equipment contains very few cars of the dimensions ordered; that shorter cars were offered and refused, and that as soon as a car of the desired length could be secured, it was furnished, of which complainant was advised.

No. 1327. Dec. 19, 1907.
E. R. Elliot & Co., *vs.* *C., M. & St. P. Ry. Co.*
Madison, Wis.

LUMBER RATES.

Complainant submitted claim papers arising out of a freight charge on a shipment of lumber from Tomahawk, Wis., to Rockford, Ill., the particular matter in dispute being the weight charged on the lumber, which, complainant alleged, was excessive. The matter was submitted to the officials of the company, who advised that the claim, being a joint one with another carrier, was in its hands for adjustment, of which the complainant was advised.

No. 1328.

Dec. 23, 1907.

*Wisconsin Foundry & Steel Works,
Cedar Grove, Wis.*

INTERSTATE RATES.

Complainant that it had been charged \$5.50 per ton freight on pig iron shipped from Birmingham, Alabama, to Cedar Grove, Wisconsin, while the rate from Birmingham to Port Washington is but \$4.50 per ton.

Complainant was advised that the matter complained of related to interstate commerce and as such was outside of the jurisdiction of the Commission. An investigation of tariffs on file in the office showed that the rates, as shown by the complainant, were correct. Complainant was advised to take the matter up with the interstate commerce commission.

No. 1329.

J. W. Keogh & Co., vs. *C., M. & St. P. Ry. Co.*
Chicago, Ill.

Formal complaint filed. See page 131.

No. 1330.

Wells & Chase, vs. *W. C. Ry. Co.*
Dorchester, Wis.

Formal complaint filed. See *In re Investigation of Telegraph Service*, etc., page 120.

No. 1331.

Jan. 4, 1908.

Marinette, Tomahawk & Western Ry. Co.

RAILWAY TELEGRAPHERS' LAW.

In the above entitled matter the railway company advised this Commission that it does not operate its trains by telegraph. That it has no dispatcher, and trains are handled by the agents and assistants, who are advised by telephone, by the conductors on the line, when their trains are ready to move, and instructions are given to such conductors to move their trains.

An opinion was asked whether this constituted such agents as telegraphers under the provisions of ch. 575, Laws of 1907.

Held: That such a construction of the law in question would be a forced one, and that persons so acting are not railway

telegraphers within the meaning of the law. The law has since been declared unconstitutional.

No. 1332. Jan. 1, 1908.
Wesley Ely, vs. *C., St. P., M. & O. Ry. Co.*
Gordon, Wis.

GOODS LOST IN TRANSIT.

Complaining because certain commodities shipped from New York Mills, Minnesota, had been lost in transit.

Complainant was asked to furnish additional information, but failed to do so.

No. 1333. Dec. 24, 1907.
Math. W. Miller, vs. *W. C. Ry. Co.*
North Crandon, Wis.

REFUSAL TO ISSUE THROUGH BILL OF LADING—EXCESSIVE RATES.

Complainant alleged that the Wisconsin Central Ry. Co. refused to issue a through bill of lading on a carload of Christmas trees, delivered to it at a point on its line and destined for St. Louis, and complaining because a charge of \$14.00 had been included for hauling the shipment from the point where it was loaded to its junction with the M., St. P. & S. S. M. Ry. Co., a distance of only one quarter of a mile.

Held: The Wisconsin Central Ry. Co. has no through rate on Christmas trees from any point on its lines to St. Louis and, therefore, cannot issue a through bill of lading. That the charge of \$14.00 is based upon their regular published tariff on file in this department for transporting carloads from the point where it was loaded to the junction point.

No. 1334. Dec. 27, 1907.
Brillion Lumber Co., vs. *C. & N. W. Ry. Co.*
Brillion, Wis.

LUMBER RATES.

Complaining of the rate charged for transporting two cars of lumber from Ellis Junction to Brillion.

The matter was investigated and it was deemed that from the tariffs on file in this office there had been an overcharge. Complainant was so informed.

No. 1335.

Dec. 30, 1907.

F. J. Crahenbuhl,
Barron, Wis.

vs.

M., St. P. & S. S. M. Ry. Co.
C., St. P., M. & O. Ry. Co.

JOINT RATES ON SUGAR BEETS.

Complaining of joint rate charged by the M. St. P. & S. S. M. and the C., St. P., M. & O. railway companies on sugar beets, from points on the line of the first named company to Chippewa Falls.

Held: No published through rates are in effect on sugar beets over the above named lines of road.

No. 1336.

Dec. 28, 1907.

Milwaukee Elevator Co.,
Eau Claire, Wis.

vs.

C., M. & St. P. Ry. Co.

OVERCHARGE.—MINIMUM WEIGHT.

Plaintiff alleged that it had been overcharged on a carload of hay, shipped from Eau Claire to Milwaukee, in that it was impossible to load the required minimum weight in the car furnished.

Held: That the car in question had a cubic capacity of 2244 feet. That under the decision of this Commission *in re Loftus-Hubbard Elevator Co. vs. W. C. R. Co.* 1 W. R. C. R. 91, the required minimum could be loaded in the car in question.

No. 1337.

Dec. 30, 1907.

K. L. Hath,
Winneconne, Wis.

vs.

C., M. & St. P. Ry. Co.

TELEGRAPH SERVICE.

Complaining that the C., M. & St. P. Ry. Co. has discontinued its telegraph station at Winneconne.

Complainant was informed of the provisions of ch. 575, Laws of 1907, and also of the fact that the railway company in question does not do a commercial telegraphing business, that being done, at Winneconne, by the Western Union Telegraph Company.

No. 1338.

Dec. 27, 1907.

Helge Larson, vs. *La Crosse & Southeastern Ry. Co.*
Westby, Wis.

TRACK SCALES.

Complaining that the La Crosse & Southeastern Ry. Co. has constructed a side track between Westby and Coon Valley for loading and unloading cars, but it maintains no scales at that point, and inquiring whether scales are a necessary part of shipping facilities.

Held: That wagon scales are not a necessary part of shipping facilities. *Illif vs. G. B. & W. R. Co.* 2 W. R. C. R. 102.

No. 1339.

Jan. 3, 1908.

H. A. Rundell, vs. *C. & N. W. Ry. Co.*
Livingston, Wis.

TELEGRAPH SERVICE.

Complaining that the railway company has discontinued its telegraph station at that point.

Complainant was advised of the provisions of ch. 575, Laws of 1907, and also that the respondent railway company is not engaging in the business of commercial telegraphing. That such service is being performed by the Western Union Telegraph Company, and that, if complaint is made, it should be addressed against that company; that in case complaint is made against the telegraph company, the question would be whether there was sufficient business at Livingston to justify the services being ordered.

No. 1340.

Jan. 4, 1908.

Reese & Anderson, vs. *C., M. & St. P. Ry. Co.*
Lima Center, Wis.

TELEGRAPH SERVICE.

Complaint regarding the telegraph service at Lima Center.

See *H. A. Rundell vs. C. & N. W. Ry. Co.*, preceding.

No. 1341.

Jan. 4, 1908.

Wisconsin & Northern Ry. Co.

EMERGENCY RATE.

Application for authority to put into immediate effect proportional tariff 1½ cts. per cwt. on tan bark, from Van Austrand to Shawano, by way of the C. & N. W. Ry.

Application approved.

No. 1342.

Jan. 6, 1908.

C., St. P., M. & O. Ry. Co.

Formal complaint filed. See page 122 (*Edward Hines Lumber Co. v. C., St. P., M. & O. R. Co.*, No. 247).

No. 1343.

Jan. 3, 1908.

Chicago, Burlington & Quincy R. R. Co.

RAILROAD TELEGRAPHERS' LAW.

Inquiry whether under the provisions of ch. 575, Laws of 1907, it would be permissible to have a station agent work for eight hours, and then for the next four hours to look after his agent's work and have nothing to do with the handling of trains or operating them.

Held: Under the provisions of the law in question the operator shall be relieved and not permitted to go on duty until he has had sixteen consecutive hours off duty in twenty-four.

The law has since been declared unconstitutional in *State vs. M., St. P. & S. S. M. R. Co.*, 117 N. W. Rep. 686.

No. 1344.

Jan. 6, 1908.

RAILROAD TELEGRAPHERS' LAW.

In the above entitled matter a railroad telegrapher asked the Commission whether, if he worked twelve hours continuously for his employer, he was making himself liable to arrest and fine, and inquiring whether his employer was not also liable to a fine.

A copy of the law was sent to the complainant. See *In re C., B. & Q. R. Co.*, No. 1343.

No. 1345.

Jan. 6, 1908.

Green Bay & Western Ry. Co.

RAILROAD TELEGRAPHERS' LAW.

Submitting certain questions asking for a construction of chapter 575, of the Laws of Wisconsin for 1907, known as the Railroad Telegraphers' Law.

The matter was submitted to the attorney general who ren-

dered an opinion thereon. See Report of Opinions of the Attorney General for 1908.

No. 1346.

Jan. 7, 1908.

Green Bay & Western R. R. Co.

EMERGENCY TARIFF.

Application for authority to put into immediate effect a tariff establishing a switching charge with the Waupaca-Green Bay Ry. Co. for moving freight from Waupaca to Scandinavia.

Application approved.

No. 1347.

Jan. 9, 1908.

A. Shaefer, vs. *St. Paul, Minn.*

C., B. & Q. R. R. Co.

TRAIN SERVICE.

Complaining because a train of the above named railroad company, leaving St. Paul at 8:35 a. m., stops only at Prescott, Alma, Cochrane and Fountain City, and does not stop at Diamond Bluff, Hagar, Stockholm, Pepin and Nelson.

Complainant was advised that the train in question is an interstate train and as such it is outside of the jurisdiction of the Commission to order it stopped. But the Commission offered to take the matter up informally with the railway company if complainant so desired.

See *Farmer vs. D. S. S. & A. Ry. Co.* 1 W. R. C. R. 316, involving the same question.

No. 1348.

Jan. 7, 1908.

W. W. Cook,
Chetek, Wis.

MINIMUM DAILY MOVEMENT OF FREIGHT.

Inquiring whether there is anything in the state or federal laws which will compel a railway company to move grain or hay a minimum distance per day towards market destination.

Complainant was advised that there was no law covering the point he suggested.

No. 1349.

Jan. 7, 1908.

Wisconsin Central Ry. Co.

INTERLOCKING PLANT.

Submitting plans of an interlocking plant proposed to be installed near River Siding, Wisconsin, at the junction of the main track of the Wisconsin Central with that of the Stanley, Merrill and Phillips Railway.

Plans were approved.

No. 1350.

Jan. 7, 1908.

*H. F. Camm,**Green Bay, Wis.*

LIABILITY OF RAILWAYS FOR SPECIAL TAXES.

Inquiring whether steam railways are exempted from tax by a city for street paving along the line of their property.

Held: The subject is outside of the jurisdiction of the Commission.

No. 1351.

Jan. 1, 1908.

*Siley Brothers,**Ellsworth, Wis.*

LIVE STOCK RATES; CLAIMS.

Inquiry concerning the rates on live stock from Ellsworth to St. Paul, and whether this Commission has jurisdiction over claims for loss in transit.

The rates were compiled and afterward forwarded to the complainant, and he was advised that this Commission has no jurisdiction over claims further than to investigate and report, in its discretion, to the legislature.

No. 1352.

Jan. 8, 1908.

*L. Van Vort,**vs.**C. & N. W. Ry. Co.**Evansville, Wis.*

RATES ON TURPENTINE.

Complaining of rates charged on turpentine from Milwaukee and Chicago to Evansville.

Complainant was advised that the rate from Chicago to Evansville related to interstate commerce, and as such was outside of the jurisdiction of the Commission. That the rate from

Milwaukee to Evansville was within the jurisdiction of the Commission and if a formal complaint were filed it would be considered.

No. 1353.

Jan. 14, 1908.

Chicago & North Western Ry. Co.

EMERGENCY RATES.

Application for authority to publish and make effective at once a rate of \$1.00 per thousand on logs from siding No. 2, south of Gagen, to Wittenberg.

Application approved.

No. 1354.

Jan. 10, 1908.

Mineral Point Zinc Co.

Chicago, Ill.

LONG AND SHORT HAUL CLAUSE.

Inquiring whether the Wisconsin Railroad Law contains a long and short haul clause.

Held: That the Wisconsin law contained no such clause.

No. 1355.

Jan. 13, 1908.

F. E. Meyer & Brother,

Milwaukee, Wis.

RE-SHIPPIING FREIGHT.

In the above entitled matter the complainants stated that they were having loaded at their factory in Ashland, Ohio, a car containing twenty-five orders to be sent out from Milwaukee and points on the lines of the C. & N. W. Ry. Co., and inquiring whether there is anything in the published tariffs to prevent their placing bills of lading in the hands of that company with orders to re-ship from the car when it arrives.

Held: There is nothing in the tariffs on file in this office to prevent railway companies from so acting.

No. 1356.

Jan. 2, 1908.

In re MINIMUM CHARGE ON SINGLE SHIPMENTS OF FREIGHT.

In the above entitled matter the railway companies doing business in the state had in effect a rule under which the minimum charge on single shipments of freight, from one consignor

to one consignee, was based on the actual rate of the class to which the articles belonged, with a minimum of 25 cts., except where the tariffs provided for a higher minimum charge, and provided that they should not be shipped as single consignments when the packages were marked to two or more parties. On June 1, 1908, the companies put into effect a rule reading as follows:

“Unless otherwise specified in the published tariffs, the minimum charge on single shipments of freight, classified as first class or lower, shall be for one hundred pounds at the class or commodity rate to which it belongs, but if classified higher than first class the minimum charge shall be for one hundred pounds at first class rate. If the shipment contains articles of two or more classes, no one of which is classified higher than first class, the minimum charge shall be for one hundred pounds first class rate. In no case shall the charge on a single shipment be less than twenty-five cents.”

Upon being notified of this change the Commission investigated its effect and discovered that it would increase the minimum charge on some local shipments from 25 cts. to 65 cts., and on joint shipments between the C. & N. W. and the C., St. P., M. & O. railways from 25 cts. up to as high as 82 cts.

In view of this increase, a large number of letters were sent out to shippers in different parts of the state, advising them of the proposed change, and many replies thereto were received, all protesting against the change as being inequitable.

The railway companies and the shippers were asked to meet at the office of the Commission in an informal conference, the result of which was, that the companies agreed to put in a temporary rule reading as follows:

“The minimum charge on single shipments of freight between points in Wisconsin over a single line of railroad shall be twenty-five cents, and jointly, over two or more lines, forty cents.”

This was satisfactory to the shippers present as a temporary rule. Subsequently the railroad companies submitted a proposed rule reading as follows:

“On inter-state traffic the minimum charge on a single shipment of one or more classes shall be one hundred pounds at third class rate, but in no case will the charge for a single shipment be less than twenty-five cents. Packages marked for two or more consignees cannot be accepted as single shipments.”

Copies of this rule were sent to several hundred shippers in the state and comments were asked thereon. Many replies were received, of which but six persons replying objected to the proposed rule. Therefore the Commission indicated to the companies that, unless complaint was filed against it, no action would be taken by the Commission regarding the matter.

No. 1357.

Dec. 30, 1907.

John Walter Co. vs. *C., M. & St. P. Ry. Co.*
Eau Claire, Wis.

RATES ON BARLEY.

The complainant in the above entitled matter alleged that it had shipped barley in carload lots from Minneapolis to Eau Claire, and that the above named company charged it 10 cts. per 100 lbs. freight, and it wished to be advised whether the rate should be 7½ cts. per 100 lbs.

Held: That the rate on barley from Minneapolis to Eau Claire is 10 cts. per 100 lbs. That *there is a rate in effect from Minneapolis to Chicago and intermediate points, including Eau Claire, on barley originating west of the Mississippi river on connected lines, of 7½ cts., but this does not apply to barley originating at Minneapolis.*

No. 1358.

Jan. 2, 1908.

Standard Harrow Co. vs. *C., M. & St. P. Ry. Co.,*
Utica, N. Y. *C. & N. W. Ry. Co.*

ALLEGED OVERCHARGE.

Complaint in the above entitled matter that the companies herein overcharged the complainant on a consignment of agricultural implements, shipped from Marinette, Wis. to Curtiss, Wis.

Complainant was furnished with rates in effect between the two points, but was asked for further information which was not furnished.

No. 1359.

Jan. 11, 1908.

D. D. Logan, vs. *Western Union Telegraph Co.*
Black Earth, Wis.

FAILURE TO NOTIFY OF DISCONTINUANCE OF TELEGRAPH OFFICE.

In the above entitled matter complaint was made against the above named company, which accepted a telegram at Rockford,

Ill., addressed to Black Earth, Wis., and did not notify the sender of the telegram that the office at Black Earth had been discontinued.

Complainant was advised that the matter was outside of the jurisdiction of the Commission, but it was taken up informally with the superintendent of the telegraph company, who called at the office and advised the Commission that instructions had been given regarding discontinued offices, which would prevent a recurrence of such matters as are complained of.

No. 1360.

Jan. 8, 1908.

In re RAILROAD TELEGRAPHERS' LAW.

Complaint against the M., St. P. & S. S. M. Ry. Co., to the effect that it was not complying with ch. 575, Laws of 1907.

The matter was referred to the officials of the railway company, but as it had appealed the question to the courts, no answer was given. See *State v. M., St. P. & S. S. M. Ry. Co.*, 117 N. W. 686.

No. 1361.

Dec. 31, 1907.

Wisconsin and Northern Ry. Co.

EMERGENCY JOINT RATES.

Asking for blanket authority to make effective, immediately, all of its joint rates with other companies, as they may be issued.

Held: The Commission has no power under the Railroad Commission Law to suspend the time required for tariffs to be on file in this office before becoming effective, except in specific cases on application as regards particular rates.

No. 1363.

Jan. 15, 1908.

Wisconsin Central Ry. Co.

REFUNDS.

The above entitled company applied to this Commission for authority to refund to a basis of 10 cts. per 100 lbs. on a shipment of paper, from Menasha to Ladysmith, which moved on a tariff of 19 cts. per 100 lbs.

Held: Under the provisions of sec. 1797—37m applications of this nature must proceed in the form of a complaint from the shipper, and when received it will be considered on its merits.

No. 1364.

Jan. 10, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

CROSSING ACCIDENTS.

The attention of this Commission having been called to an accident at the grade crossing of the C., M. & St. P. Ry. Co. and what is known as Hopkins road, in Milwaukee county, on Jan. 8, 1908, at 7:40 a. m. An investigation was undertaken by the Commission. A report was made by the coroner relating thereto.

It appears that Edward Schwahn and Charles Hackbar, cattle buyers, both of Milwaukee, were driving in a cattle wagon on Hopkins road and attempted to cross the tracks ahead of passenger train No. 31, and were run down and both killed. The coroner reports that the crossing is clear from either side, and that there was an unobstructed view of the track for at least a half a mile.

No. 1365.

Jan. 16, 1908.

*B. F. Boulay & Bro. Co.,
Fond du Lac, Wis.*

vs.

W. C. Ry. Co.

CLAIMS.

The complainant alleged that it shipped a car of barley from Fond du Lac to Manitowoc in October, 1905. That it called for a 40,000 lb. capacity car, and was told to load one standing at this elevator marked 54,000 lbs. That there was a charge on the basis of the marked capacity of the car, making an overcharge of 10,720 lbs., and request was made to the Commission that it authorize a refund.

The matter was investigated and it was found that the tariffs of the railway company provided, that all grain loaded at this station should be subject to certain minimum weights, a 60,000 lb. car requiring a minimum on barley of 54,000 lbs. According to this tariff there was no overcharge, and complainant was so informed.

No. 1366.

Jan. 9, 1908.

*J. P. Osthiever,**Chippewa Falls, Wis.*

BULLETIN FOR DELAYED TRAINS.

Inquiry was made whether a railway company is required, under the laws of Wisconsin, to bulletin delayed trains.

Held: Ch. 63, Laws of 1903, requires:

“That every corporation, company or person operating a railroad within the state shall * * * cause to be placed in a conspicuous place in each passenger depot * * * at which there is a telegraph office, a black-board of suitable size upon which such company * * * shall cause to be written, at least twenty minutes before the scheduled time of the arrival of each passenger train, stopping upon such route at such station, the fact whether such train is on scheduled time or not, and if late how much. Provided also, that any passenger train not more than five minutes late shall be deemed to be on time as to the operation of this act.”

No. 1367.

Jan. 10, 1908.

T. H. Colman Co.,
Portage, Wis.

INTERSTATE RATES.

Complaining of rates to points beyond the state of Wisconsin.

Held: This Commission has no jurisdiction over interstate commerce. Complainant was referred to the interstate commerce commission.

No. 1368.

Jan. 18, 1908.

D. R. Coon et al.,
Auburndale, Wis.

vs.

W. C. Ry Co.

STATION SERVICE.

In the above entitled matter complaint was made to the Commission that the above named railway company closes its station at Auburndale at 4:30 o'clock in the afternoon, and does not open it until 8:30 o'clock in the forenoon. That passenger train No. 1, going north, leaves the station at 6:23 in the morning and, going south, leaves at 6:30 in the evening. The trains are not bulletined, nor is baggage properly stored during the hours the station is closed.

The matter was submitted to the officials of the railway company, who stated that, owing to the enactment of the Railroad Telegraphers' Law, they could not permit their agent to remain on duty longer than eight hours, and that the business at the point did not justify the appointment of another man. All of which was submitted to the complainant, but nothing further was heard regarding the matter.

No. 1369. Jan. 16, 1908.
Rev. B. Klein, *vs.* *W. C. Ry. Co.*
Fifield, Wis.

CLERGYMEN'S TRANSPORTATION.

In the above entitled matter complaint was made to the Commission that a certain clergyman was traveling upon a pass given by the Wisconsin Central Ry. Co., and that that company had refused the complainant, who was also a clergyman, with the same favor.

Held: That under the provisions of sec. 7, ch. 362, Laws of 1905, clergymen are exempted from the provisions of the law prohibiting the giving of passes, discretion being left with the companies whether to give them out or not, and to whom they may give them.

No. 1370. Jan. 14, 1908.
Annaton & Preston Telephone Co. *vs.* *C. & N. W. Ry. Co.*
 RAILWAY STATION SERVICE.

Complainant alleged that the above named railway company had ordered complainant's telephone removed from its station at Montfort.

Held: That free telephone service of every nature is prohibited under the provisions of ch. 499, Laws of 1907. That ch. 614, Laws of 1907, gives this Commission jurisdiction to order railway companies to provide telephone service in their stations. The matter is discussed at length in a decision of this Commission entitled *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 1371. Jan. 16, 1908.
C. E. Coe, *vs.* *C. & N. W. Ry. Co.*
Zion City, Ill. *C., M. & St. P. Ry. Co.*

DELAYED SHIPMENT.

In the above entitled matter complaint was made of delay in delivering commodities shipped from Pittsville, Wis., to Zion City, by way of the C. & N. W. and the C., M. & St. P. railways.

The matter was referred to the officials of the railway companies, who advised the Commission that steps would be taken to prevent such delays in the future, of which complainant was advised.

No. 1372.

Jan. 18, 1908.

F. Keen, vs. *W. C. Ry. Co.*
Medford, Wis.

TITLE TO RIGHT-OF-WAY.

Complainant herein made inquiry concerning the title to a portion of the right-of-way of the Wisconsin Central Ry. Co. over which there seems to have been a dispute between complainant and the railway company.

Held: That disputes as to title to land are entirely outside of the jurisdiction of this Commission.

No. 1373.

Jan. 18, 1908.

F. W. Buswell, vs. *C. & N. W. Ry. Co.*
Minneapolis, Minn.

ANNOUNCEMENT OF PASSENGER TRAINS.

Complainant alleged that he was at the North Western station at the city of Madison for the purpose of taking a train for Milwaukee. That, knowing nothing of the station arrangements, he waited for the train to be announced; that it was not announced and in consequence the train left Madison without his knowledge and the knowledge of a number of other persons in the station.

The matter was taken up with the general manager of the railway company who stated, that on the morning in question the night depot master was unexpectedly called away from the station and neglected to advise the ticket clerk of that fact, so the train was not announced, but that orders had been given which would prevent a recurrence in the future.

No. 1374.

Jan. 15, 1908.

John Grosse, vs. *C. & N. W. Ry. Co.*
Little Suamico, Wis.

COAL RATES.

Complaining of a charge made in transporting a car of coal from Green Bay to Little Suamico.

The weights were investigated and it was shown that the charge was just, on a local published tariff rate.

No. 1375. Jan. 19, 1908.
Fred Klaus, Jr., vs. *C., M. & St. P. Ry. Co.*
Winneconne, Wis.

ALLEGED REFUSAL TO FURNISH SPECIAL TRAIN.

In the above entitled matter complaint was made to the effect that the above named railway company refused to furnish a special train to run from Ripon to Winneconne on Feb. 25 and 26.

The matter was taken up with the proper officials and report was made that the road was ready to furnish service in case the required guarantee was made, of which complainant was advised.

No. 1376. Jan. 18, 1908.
Lange Canning Co. vs. *C., St. P., M. & O. Ry. Co.*
Eau Claire, Wis. *W. C. Ry. Co.*

LONG AND SHORT HAUL.

Complaining that the C., St. P., M. & O. Ry. Co. demanded a rate of 11 cts. per 100 lbs. on horses from Eau Claire to Winter. That it also demanded a rate of 16 cts. per 100 lbs. from Eau Claire to Couderay. That Couderay is an intermediate point on the same line and nearer Eau Claire than Winter.

That the same company gives a rate on canned goods, Eau Claire to Chicago of 17½ cts, per 100 lbs, while the rate from Eau Claire to Madison, an intermediate point, is 20 cts. per 100 lbs.

That the W. C. Ry. Co. has in effect a rate on soft coal from Manitowoc to St. Paul of 90 cts. per ton, while it charges from Manitowoc to Eau Claire, a shorter distance, \$1.00 per ton.

Held: That there is no long or short haul provision in the Wisconsin law. That railway companies make their rates in the first instance, subject to revision as to intrastate rates by this Commission after investigation, notice and hearing. That this Commission has no jurisdiction over rates affecting interstate commerce.

No. 1377.

Jan. 16, 1908.

Ellen O'Toole, vs.
Iron Mountain, Mich.

C. & N. W. Ry. Co.

ALLEGED SEIZURE OF LANDS BY RAILWAY COMPANY.

In the above entitled matter complainant alleged that the railway company herein had twelve years before taken certain lands belonging to her in the city of Fort Atkinson.

The matter was submitted to the officials of the railway company, who stated that, while there was no legal liability, if the facts warranted, a settlement would be made with complainant.

No. 1378.

Jan. 21, 1908.

Chicago & North Western Ry. Co.

TRAIN SERVICE.

In the above entitled matter the attention of the Commission was called to a newspaper item published in the Jefferson County Democrat, of Fort Atkinson, alleging an insufficiency of train and station service on certain branches of its line.

The matter was referred to the general manager of the company, who replied specifically to the statement.

No. 1379.

Jan. 29, 1908.

Fairbanks, Morse & Company,
Chicago, Ill.

WARNING SIGNALS FOR OVERHEAD AND LATERAL OBSTRUCTIONS.

Inquiry was made of the Commission for its rules and the laws of Wisconsin governing lateral and overhead clearances on railroads in the state.

Information was furnished to the effect that there was no statute governing lateral clearances, and calling attention to ch. 348, Laws of 1905, regarding overhead clearances.

The above entitled matter is discussed at length in the decision of this Commission *In re Rules to Govern the Installation of Tell Tales or Warning Signals, etc.*, 2 W. R. C. R. 757.

No. 1380. Jan. 21, 1908.
Gardenier & Hendricks, vs. *C. & N. W. Ry. Co.*
Oshkosh, Wis. *C., M. & St. P. Ry. Co.*

JOINT RATES.

Complaint was made of the lack of joint freight tariff on forest products from Gresham to points on the lines of the C. & N. W. and the C., M. & St. P. railway companies.

Complainant was advised that a formal petition should be filed, which would bring the matter before the Commission, when it would be considered.

No. 1381. Jan. 22, 1908.
Chicago & North Western Ry. Co.

TRAIN SERVICE.

The attention of the Commission was called to a complaint regarding train facilities between Fond du Lac and Sheboygan.

After the complaint was filed, certain trains which had been taken off were restored, which, the Commission is advised, furnished service satisfactory to the public.

No. 1382. Jan. 24, 1908.
Wisconsin Central Ry. Co.

ACCIDENTS.

The attention of the Commission was called to a newspaper item entitled "Narrow Escape From Collision" on the above named railway, caused by a confusion of orders.

The matter was promptly investigated and it was found that the article in question was a misrepresentation of the facts; that nothing of the kind had occurred.

No. 1383. Jan. 24, 1908.
Badger Butter Co. vs. *Western Union Telegraph Co.*
East Troy, Wis.

TELEGRAPH SERVICE.

The complainant alleged that the telegraph service at East Troy had been discontinued, and that there was an unnecessary delay in forwarding messages received by the Western Union Telegraph Company at points where it maintained stations,

Complainant was advised of the law covering the matter of telegraph service, and was told that if a formal complaint were filed, a hearing would be ordered therein.

No. 1384.

Jan. 25, 1908.

Martin J. Gillen,
Racine, Wis.

vs.

The Pullman Co.

PARLOR CAR RATES.

Complainant alleged that the above named company charged 35 cts. for a chair car seat from Chicago to Milwaukee, a distance of 82 miles, and that they charge 35 cts. for a parlor car seat from Chicago to Racine, a distance of 57 miles, and asking for information regarding the filing of a complaint.

Held: That the matter complained of relates to interstate commerce and is outside the jurisdiction of this Commission, and complainant was advised to present the matter to the interstate commerce commission.

No. 1385.

Jan. 24, 1908.

Superior Manufacturing Co.,
Superior, Wis.

CLAIMS.

The complainant herein alleged that transportation lines, boat companies in particular, frequently delivered goods in damaged condition and that claims relating thereto are not promptly paid, and asking whether they can refuse to pay freight until claims are adjusted.

Complainant was advised that the matter about which it complained is outside the jurisdiction of this Commission, and it was advised to address the interstate commerce commission.

No. 1386.

Jan. 25, 1908.

Ludington Salt Co.,
Milwaukee, Wis.

vs.

W. C. Ry. Co.

CLAIMS.

Complainant alleged that, having a consignment of salt to ship from Milwaukee to Oshkosh, it caused inquiries to be made of the above named railway company whether or not its former rate of 4 cts. per cwt. was still in effect, and was answered in

the affirmative. The shipment was made and freight collected at the rate of $6\frac{2}{3}$ cts. per cwt., and claim filed therein, which, not being paid, the matter was referred to this Commission with the statement that, at the time the shipment was made, both the C., M. & St. P. Ry. and the C. & N. W. Ry. had in effect a rate of 4 cts. per cwt.

Held: 1. That the published tariff rate must govern in spite of the misquotation of the rate by the agent. (See *in re J. B. Wells*, informal case, No. 1084.

2. That sec. 1797--37m, Laws of 1907, provides for an investigation by this Commission upon complaint, and after notice and hearing it is authorized to make a recommendation to the carrier for refund if the facts and law warrant.

No. 1387. Jan. 14, 1908.
J. H. Townsend, *vs.* *C. & N. W. Ry. Co.*
London, Wis.

LIVE STOCK RATES.

Verbal complaint was made of the rate charged complainant on a car of "stock" cattle, shipped from London to Osseo. Complainant was charged 19.5 cts. per cwt., and alleged that the rate should be three-fourths of $15\frac{1}{2}$ cts. per cwt., under the decision of the Commission *In re Live Stock Rates*, 1 W. R. C. R. 778.

Held: No provision in the tariffs or in the decision of the Commission for a lower rate on stock cattle from London to Osseo than the legal tariff rate on fat cattle.

No. 1388.
The Franke Grain Co. *vs.* *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

Formal complaint filed. See page 129.

No. 1389. Jan. 27, 1908.
Harry Scharf, *vs.* *Roddis Lumber & Veneer Co.*
Butternut, Wis.

RATES.

The complainant herein alleged that the above named company operates a railway from Park Falls, running 10 miles in a northeasterly direction, and charged an excessive rate for

transporting commodities from points on its line to its junction with the Wisconsin Central Railway Co. The matter was taken up with the officials of the company, who replied that they would make such adjustment in their rates as should be satisfactory to the complainant.

No. 1390.

Jan. 25, 1908.

Rice Bros., vs. *C., M. & St. P. Ry. Co.*
Union Stock Yards, Chicago, Ill.

RATES ON HOGS.

Complaining that the rate on hogs from Beloit, Wis., to Chicago is 13.6 cts. per cwt., while from Shirland, Durand, Davis, Rock City and Rockton, points beyond on the same line, the rate was 11.4 cts.

The complainant was informed that the rates complained of relate to interstate commerce and as such are outside the jurisdiction of the Commission, but the matter was taken up informally with the traffic officials of the railway company, who stated that the question had been referred to the interstate commerce commission and was being considered by them.

No. 1391.

W. B. Clements & Co., vs. *C., M. & St. P. Ry. Co.*
Veedom, Wis.

Formal complaint filed. See page 124.

No. 1392.

Nov. 26, 1907.

E. R. Wagner Manufacturing Co., vs. *T. M. E. R. & L. Co.*
North Milwaukee, Wis.

PASSENGER SERVICE.

Complainant alleged that the order of the Commission *in re City of Milwaukee v. T. M. E. R. & L. Co.* 1 W. R. C. R. 662, was not being observed by the above named company, in that during the months of February and March, 1907, on the State street line, there were five cars per hour running between Milwaukee and Wauwatosa, and at the time of making the complaint there were but three cars per hour. After a protracted correspondence, which was necessary in order to fully under-

stand the position of the complainant, his attention was called to the complaint in the above matter, which read as follows: "That the service on 12th street, between Center and Burleigh streets, is now and has been extremely unsatisfactory for two years past; that the railway company neglects and refuses to operate cars on its Eighth street line with a sufficient headway to adequately serve the people who reside in territory contiguous thereto." Therefore, the service complained of herein was not in issue, and complainant was advised, if he was dissatisfied with the service about which he complained, he should file a complaint which would be considered on its merits.

No. 1393.

Jan. 24, 1908.

Geo. W. Wing,

Kewaunee, Wis.

INTERSTATE RATES.

The complainant, as the representative of business interests at Kewaunee, asked this Commission to assist in securing through rates on coal from Kewaunee to points in Minnesota and the Dakotas, and stated that the western connecting lines of the Kewaunee, Green Bay & Western Railroad refused to arrange with those roads for through rates on coal, and asked whether this Commission could assist in securing such through rates.

The matter related entirely to interstate commerce and complainant was advised to address the interstate commerce commission direct.

No. 1394.

Jan. 30, 1908.

James Hastings,

vs.

M., St. P. & S. Ste. M. Ry. Co.

Emet, Wis.

CLAIMS.

Complaining of goods lost in transit between Bruce and Milwaukee. After correspondence between the officials of the above named railway company and the C., M. & St. P. Ry. Co., it developed that the claim had been overlooked, and the freight claim agent of the above named railway stated that he would take the matter up with the complainant and adjust it.

No. 1395.

Jan. 21, 1908.

*Geo. P. Klein,**Ft. Atkinson, Wis.*

RATES.

Asking for rates on certain commodities and also for the rule governing carload minima, which information was furnished him.

No. 1396.

Jan. 30, 1908.

Green Bay & Western R. R. Co.

WIRES OVER TRACKS.

Complaint was made to this Commission that the above named company had permitted certain wires to be strung over its tracks in the town of Hixton, Jackson county, Wis., which wires were strung over its tracks in violation of ch. 291, Laws of 1907.

The matter was taken up with the officials of the company, who stated that it would furnish the Commission with a report, showing the height of all wires above the tracks along their line in the town in question. This report was furnished, showing the wires crossing the tracks of the above named company at 14 points in the town in question, and these wires were at varying heights from 22 ft. to 28 ft. above the top of the rail. The company also advised the Commission that it had served notice on all corporations owning wires of any nature crossing its tracks that such wires must be at least 25 ft. above the surface of the rails.

Of all of which the complainant was advised.

No. 1397.

Jan. 29, 1908.

*John P. Flerschein,**vs.**C. & N. W. Ry. Co.**Milwaukee, Wis.*

DELAY OF SHIPMENT.

Complaining of delay on certain goods shipped from Rochester, N. Y., to Milwaukee, and alleging that the goods were delayed nine days between Chicago and Milwaukee.

The matter was taken up with the general manager of that company, who investigated the matter and reported that the delay was the result of the Erie R. R. Co. delivering the car to the Belt Ry., instead of following the usual custom of deliver-

ing to the C. & N. W. at Wood street. He reported that orders had been given which avoid a repetition of such errors.

No. 1398. Jan. 29, 1908.
Fountain City Supply Co., vs. *C. & N. W. Ry. Co.*
Fond du Lac, Wis.

PASSENGER TRAIN SERVICE.

The complaint was to the effect that the above named railway company had taken off two passenger trains, running between Fond du Lac and Sheboygan, and substituted therefor one mixed train, making the passenger service between the cities insufficient to the needs of the public.

The matter was taken up with the officers of the railway company and the former train service was restored.

No. 1399. Jan. 24, 1908.
Barker & Stuart Lumber Co., vs. *C., M. & St. P. Ry. Co.*
Wausau, Wis.

LONG AND SHORT HAUL PROVISION.

The complaint herein was to the effect that the above named railway company had no right to charge a higher rate on tan bark from an intermediate point than from a point beyond on the same line.

Held: That there is no long or short haul provision in the Wisconsin Railroad Commission Law; that the higher rate for the shorter haul might be evidence of an excessive rate; and that the Commission would consider a complaint in the matter.

No. 1400. Jan. 25, 1908.
City of La Crosse, vs. *C., M. & St. P. Ry. Co.*
La Crosse City Ry. Co.

DANGEROUS RAILWAY CROSSING.

The complaint herein alleged that a crossing at Mill street, in La Crosse, where the tracks of the street railway company, on said Mill street, cross the tracks of the C., M. & St. P. Ry. Co., is highly dangerous to human life, and that numerous accidents have occurred at that point, caused largely by the "kicking" or switching of freight cars over the crossing, resulting in occasional collisions between freight cars and street cars.

Correspondence submitted showed that the city authorities had attempted to effect changes in operation to minimize the danger. The Commission called the attention of the city authorities to paragraph 40, sec. 3, page 4, of the La Crosse City Charter, giving the city council power over train operation and safeguards at crossings, even more extensive and far reaching than those given the Commission; also that sec. 2. ch. 30, of said city charter gives the mayor full power and authority to enforce the charter provisions; also that paragraph 3 of ch. 595, Laws of 1907, provides expressly that railroads must place and maintain such flagmen, gates or mechanical safety appliances upon street crossings in cities as the city authorities may direct. In view of the ample power vested in the local authorities, the Commission instructed its engineer to co-operate with the city authorities in securing adequate protection at the crossing in question. The engineer personally investigated the conditions at the crossing, took the matter up informally with the operating officials of the railroad company and the city authorities, with the result that an agreement was reached that the street railway company station a switchman at the crossing in addition to the one maintained there by the railway company; that all "kicking" of cars by the railway company across the street shall be prohibited, and that the conductors of the street cars be required to flag their cars across the tracks.

No. 1401.

Feb. 1, 1908.

Village of Black Earth, vs. *C., M. & St. P. Ry. Co.*

PASSENGER TRAIN SERVICE.

In the above entitled matter a verbal complaint was made to the Commission, that no notice had been given to the citizens of the village of the change in the schedule of passenger trains on the Prairie du Chien division.

The matter was taken up with the proper officials of the railway company, who advised the Commission that the change was made on less than the usual notice and that the schedule was in the hands of the other agents a couple of days before it took effect, but that for some unexplained reason it did not reach the agent at Black Earth. At which the officials expressed regret.

No. 1402.

Jan. 31, 1908.

Amelia E. Fritz, vs. *La Crosse*
La Crosse, Wis.

La Crosse City Ry. Co.

STREET RAILWAY SERVICE.

In the above entitled matter complainant alleged that the railway company does not close the flues on its street cars when the stoves are taken out, causing discomfort and annoyance to the passengers.

The matter was taken up with the officials of the company, who advised the Commission that the trouble would be regulated so that there would be no future cause for complaint.

No. 1403.

Jan. 30, 1908.

Riverside Box Co.
La Crosse, Wis.

ALLEGED EXCESSIVE RATES.

In the above entitled matter complainant alleged that rates on wooden boxes, charged by the railroads doing business in La Crosse, are excessive.

Complainant was advised that it would be necessary for it to file a formal complaint. Nothing having been received, the matter is closed.

See *New York Fish Co. v. C., B. & Q. R. R. Co.* 2 W. R. C. R. 613.

No. 1404.

Jan. 31, 1908.

H. C. Hoitomt,
Malvina, Wis.

DEMAND FOR SIDETRACK.

In the above entitled matter the complainant inquired whether the railway company could not be compelled to furnish him with a side track to his ice house, if he did the grading and furnished the ties.

The matter was submitted to the officials of the company, who said, that the amount of business which would be received would not justify the company in constructing a side track, and suggested that the complainant build a runway from his ice house to the present siding, which would probably serve his purpose. This was submitted to the complainant.

No. 1405.

Feb. 4, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

REFUND.

In the above entitled matter the complainant asked for authority to refund to the Daniel Shaw Lumber Company certain moneys received as freight, in excess of what it believed to be a reasonable charge.

The company was advised that the application must come from the shipper under the provisions of sec. 1797.

Complaint was afterwards filed and a decision rendered entitled, *Daniel Shaw Lumber Co. v. C., St. P., M. & O. Ry. Co.* 2 W. R. C. R. 342.

No. 1406.

Feb. 1, 1908.

*Shadbolt Boyd Iron Co.,
Milwaukee, Wis.*

INTERSTATE RATES.

Complainant submitted papers relating to its claim which it had against certain railways, relating to a shipment of lumber from Brownsville, Tenn., to West Bend, Wis.

It appears that by a combination of local rates the freight could have been assessed at a lower freight rate than the rate charged.

Complainant was advised that the matter was outside of the jurisdiction of this Commission, and under that of the interstate commerce commission. That the latter body had held that where there was a freight rate between two points that that rate must be charged, notwithstanding the fact that there might be a lower rate based upon the sum of two local rates.

See informal complaint No. 1242.

No. 1407.

Jan. 29, 1908.

*C. Starkweather & Son, vs. C., M. & St. P. Ry. Co.
Beaver Dam, Wis.*

RE-BILLING OF CARS.

Asking whether there was any rule of the C., M. & St. P. Ry. Co. providing that a car, refused at one point, be returned to a station through which it had passed upon the payment of a fee of \$2.00 for re-billing.

Held: After a shipment is received at its destination there

is no rule permitting it to be returned part way on a reasonable billing. It might be forwarded to a point beyond its destination, at a point on a direct line with it, on certain conditions. If returned to a station which it had passed on its first trip, it must come as a new shipment at the regular rates.

No. 1408. Jan. 29, 1908.
Browne-Deer Lumber Co. *vs.* *W. C. Ry. Co.*
Milwaukee, Wis.

CLAIMS.

Complainant submitted to this Commission certain papers in a claim for overcharge on a shipment of cord wood, from Stetsonville to Portage, and having been received there the shipment was forwarded to Milwaukee.

Held: That the tariffs of the Wisconsin Central Ry. Co. do not provide for a re-consignment rule, which would govern in this case, for the reason that such re-consignment must be to a point beyond on a direct line. Portage being the last station on a branch of the Wisconsin Central, it must be returned over that line to Milwaukee. The shipment from Stetsonville to Portage was a complete transaction in itself, as was that from Portage to Milwaukee.

No. 1409.
O. F. Tate, *vs.* *C., B. & Q. R. R. Co.*
 Formal complaint filed. See page 130.

No. 1410. Feb. 1, 1908.
A. D. Hobby, *vs.* *C., B. & Q. R. R. Co.*
Maiden Rock, Wis.

SHIPPING FACILITIES.

Complainant alleged that the C., B. & Q. R. R. Co. had removed a spur track connected with its main line, about a mile north of Maiden Rock station, and would not permit lumber or wood to be piled on its siding in the village.

The matter was taken up with the officials of the railway company and is still unadjusted.

No. 1411.

Feb. 4, 1908.

D. E. Wood Butter Co. vs. *C., M. & St. P. Ry. Co.*
Elgin, Ill.

ALLEGED EXCESSIVE RATES.

Complainant alleged that the above named company charged 59 cts. per 100 lbs. on butter from Greenville to Evansville, Wisconsin, in carload lots, while the rate from Greenville to Chicago was 49 cts. per 100 lbs.

Evansville being an intermediate point, the complainant was advised that the matter related to interstate commerce and was outside of the jurisdiction of the Commission. But it was taken up informally with the officers of the railway company, and after some correspondence the Commission was advised that the company would put into effect the Chicago rate to Evansville.

No. 1412.

Feb. 7, 1908.

Schwartz & Son, vs. *C., M. & St. P. Ry. Co.*
Troy Center, Wis.

RATES ON COKE.

Complainant alleged that the C., M. & St. P. Ry. Co. was charging it 90 cts. per ton on coke from Milwaukee to Troy Center.

The matter was taken up with the officers of the company, who at once reduced the rate to 75 cts. per ton, which was satisfactory to the complainant.

No. 1413.

Feb. 3, 1906.

Chicago Association of Commerce.

APPLICATION OF WESTERN CLASSIFICATION RULES.

Inquiry whether the rules of the western classification are applicable to business in Wisconsin.

Held: That such rules are applicable unless specially provided for by exception, subject, however, to change by this Commission upon complaint or upon its own investigation and after hearing.

No. 1414. Feb. 7, 1908.
Frede Westergaard, *vs.* *W. C. Ry. Co.*
Withee, Wis.

CLAIM FOR SHRINKAGE.

Complainant alleged that there was a shrinkage of 9,820 lbs. on a carload of potatoes shipped by him over the lines of the above named railroad company.

The matter was submitted to the officers of the company who, after investigation, declined to allow the claim.

No. 1415. Feb. 10, 1908.
Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATES.

Application for authority to make, immediately effective, tariff naming rates on logs in carloads, minimum 4,000 feet per car hard wood and 5,000 feet per car pine and hemlock, from Long Lake and other spurs to Heineman, at 90 cts. per 1,000 feet.

Application approved.

No. 1416. Feb. 10, 1908.
Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATES.

Application for authority to publish, effective immediately, tariff of minimum rates on tan bark in carloads, minimum weight 20,000 lbs., from Long Lake and other stations to Tomahawk, at 4 cts. per 100 lbs.

Application approved.

No. 1417. Jan. 31, 1908.
Kewaunee Grain Company, *vs.* *C., M. & St. P. Ry. Co.*
Kewaunee, Wis. *G. B. & W. R. R. Co.*
C. & N. W. Ry. Co.

RATES ON COAL.

Complaint was made to the Commission that the rates on coal from Kewaunee to points within the state of Wisconsin were in excess of those from Manitowoc, Sheboygan and Milwaukee to the same points.

The matter was taken up with the officials of the above named railways and the Kewaunee, Green Bay & Western R. R. Co., regarding the furnishing of copies of tariffs in effect to different

points from Kewaunee. These were sent to the complainant, who advised the Commission that it preferred not to press its complaint.

No. 1418.

Feb. 8, 1908.

Weeb & Schweges,
Reedsburg, Wis.

CLAIMS.

Inquiry whether shippers were entitled to a refund on freight paid under the rule increasing the minimum charge on single shipments from 25 cts. to 40 cts., between such time as the rule took effect and the time it was changed by the Commission.

Held: That such refunds are not permissible, as the tariff establishing the rule was published in compliance with the requirements of the law, and while in effect it was the legal rate, and refunds thereon are not permissible.

No. 1419.

Feb. 6, 1908.

J. A. Vance, vs.
Eau Claire, Wis.

W. C. Ry. Co.

RATES ON COAL.

Complaint that the Wisconsin Central Ry. Co. charged complainant \$1.80 per ton as freight on coal from Superior to Eau Claire, and alleging that the legal rate is \$1.40 per ton.

Held: The legal rate over the lines of the C., St. P., M. & O. Ry. Co. is \$1.40 per ton. (See *Noble et al. vs. C., St. P., M. & O. Ry. Co.*, 1 W. R. C. R., 767.) But that the order in the above matter does not affect the Wisconsin Central, and its published tariff rates provide for \$1.80, as charged.

No. 1420.

Feb. 10, 1908.

A. H. Dahl,
State Treasurer.

REPORTS.

The above entitled matter relates to the reports which the railway companies make to the state treasurer, relating to their license fees, and which must be approved by this Commission. These reports are an informal matter as heretofore.

No. 1421.

Feb. 6, 1908.

E. J. Kneen,

vs.

*C., M. & St. P. Ry. Co.**Bangor, Wis.*

MINIMUM CHARGE ON SINGLE SHIPMENT.

The above entitled matter related to a shipment of crepe paper from Minneapolis to Bangor, package weighing less than 100 lbs., on which freight at 60 cts. was charged. The charge was made in accordance with the tariffs of the above mentioned company, and consequently at the legal rate, and complainant was so advised.

No. 1422.

Feb. 7, 1908.

G. M. Stephen,

vs.

*C. & N. W. Ry. Co.**Chicago, Ill.*

CLAIMS.

The complainant is an attorney residing in Chicago, devoting his attention to claims against railway companies, and has submitted numerous matters to this Commission asking for assistance in collection. He has been in each case informed of its limited jurisdiction in this matter.

The matter in the present instance relates to a shipment of pulleys from De Pere to Cudahy, the question being whether pulleys should be classed as machinery under the rules of the western classification committee. The Commission declined to express an opinion thereon and suggested that formal complaint be filed, which complainant declined to do.

No. 1423.

Feb. 7, 1908.

In re Chicago, Milwaukee & St. Paul Ry. Co.,

ALLEGED ASSAULT BY AGENT.

Complaint was made alleging that an agent on its La Crosse division had brutally assaulted an inoffensive person and otherwise comported himself in an improper manner.

The matter was given a thorough investigation and the charges are believed to be without foundation.

No. 1424.

Feb. 11, 1908.

George Dow,
Madison, Wis.

INTERSTATE RATE ON HORSES.

Complainant alleged that he had been charged in freight on one horse, shipped from Corunna, Ind., to Madison, at the rate of 77 cts. per 100 lbs., on a minimum of 500 lbs.

An investigation of the tariffs on file in this office indicates that the amount charged was the regularly published tariff rate.

No. 1425.

Feb. 3, 1908.

Wisconsin Paper Stock Co.,
Neenah, Wis.

RATES.

Complainant alleged that it shipped certain cars from Neenah to Albany, New York, loaded with bales of mixed rubbers and rags. The rates governing in the above entitled matter were furnished.

No. 1426.

Feb. 10, 1908.

Frank Wallen, *vs.* *C., M. & St. P. Ry. Co.*
Lannon, Wis.

CLEARING SIDE TRACKS.

Complainant alleged that the above named railway company compelled him to keep the tracks leading to his stone quarries free from snow, or otherwise the service would not be rendered.

It was suggested to the complainant that he file a formal complaint, which he failed to do.

No. 1427.

Jan. 31, 1908.

Marinette, Tomahawk & Western Ry. Co.

EMERGENCY RATES.

Application for authority to publish, effective immediately, rate of \$5.00 per car on sawdust, shingle shavings, chips, wood and slabs for fuel, from Tomahawk, Wis., to the Tomahawk Pulp & Paper Company's mill.

Application approved.

No. 1428.

Feb. 12, 1908.

*P. F. Boulay & Bro. Co.,
Fond du Lac, Wis.*

vs.

C. & N. W. Ry. Co.

CAR SERVICE.

Complainant herein alleged that its warehouse is located upon the C. & N. W. Ry. Co.'s tracks, and that the above named railway delays placing for loading or unloading cars coming in over other roads.

The matter was referred to the proper official of the railway company, who advised the Commission, in substance, that the matter had been investigated and explanations received from the agent, and that the railway company was responsible for some serious delays in handling certain freight, but that instructions had been given relating to the handling of cars consigned to the complainant, which would prevent a recurrence of the difficulty.

No. 1429.

*M. W. Knapstein,
New London, Wis.*

vs.

C. & N. W. Ry. Co.

Formal complaint filed. See page 127.

No. 1430.

Jan. 10, 1908.

Duluth, South Shore & Atlantic Ry. Co.

MAP OF RAILROAD CROSSING FILED.

Map showing crossing of the main line of the above mentioned railway company by the Wisconsin & Northern Minnesota Ry. Co. was filed with the Commission.

No. 1431.

Feb. 18, 1908.

Northern Pacific Ry. Co.

EMERGENCY RATE.

Application for authority to publish, effective immediately, rate of $3\frac{1}{2}$ cts. per cwt., minimum 60,000 lbs., on logs, carloads, from Enderlein and Pearson, Wis., to Ashland.

Application approved.

No. 1432.

Feb. 17, 1908.

Chicago & North Western Ry. Co.

ALLEGED DISCRIMINATION IN WAREHOUSE SITES.

Certain persons, residing at Fond du Lac, alleged that the above named railway company was discriminating at Fond du

Lac in favor of one coal shipper and against others, in that it permitted him to occupy valuable land for warehouse purposes at a nominal rate, and refused to permit other coal dealers to occupy premises owned by the company.

The matter was taken up informally with the officials of the company, who advised the Commission that the situation at Fond du Lac was identical with that of other stations along its line, not only in Wisconsin, but throughout its entire system. That permission to occupy company property grew out of a development of the company's lines, rather than an attempt to favor any particular shipper, the rule, "first come, first served" having been observed, and when all the space became occupied, other persons applying were compelled to go elsewhere. The company stated that it would be pleased to have the Commission give an opinion upon the question involved. The Commission declined to express an opinion without more definite facts than it had been furnished with.

When a railway granted two persons the right to erect elevators on its right of way, but refused to grant the same right to others, it was held that the company could be compelled to grant the latter the same privilege. The court said:

"It need not grant these facilities on its right of way, because such right of way may, and in many cases will, be necessary for the various side-tracks at the station; but, if it grants such right to one or more persons, it must, on the same terms, grant a like right to all who in good faith apply for that purpose." *Warehouses on Right of Way, State vs. Missouri Pacific Ry. Co.* 29 Nebraska, 555; 45 N. W. 785.

No. 1433.

Feb. 11, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY TARIFF.

Application for authority to publish, effective immediately, amendment to its G. F. D. 725 D, including Athelstane.

Application approved.

No. 1434.

Feb. 11, 1908.

Montross & Pelton,

vs.

C. & N. W. Ry. Co.

Reedsburg.

PERISHABLE FREIGHT.

Complaining that the agent of the above named railway company at Reedsburg refused to receive for shipment one barrel

of potatoes, except at owner's risk, to be shipped through to Chicago, and to be returned from Chicago to Madison.

The matter was submitted to the officials of the company, who advised the Commission that the potatoes, being perishable freight, it was necessary to ship them in a refrigerator car. That on the day they were tendered there was no refrigerator car at Reedsburg, and it was necessary, if the shipment was handled that day, for it to go forward in a through refrigerator car to Chicago, and to be returned by the same service to Madison.

This information was submitted to the complainant.

No. 1435.

Feb. 10, 1908.

Stein Brothers,

Black River Falls, Wis.

CLAIMS.

Complainant submitted certain claim papers, showing a loss of 199 lbs. of old rubbers in transit from Rice Lake to Chicago. He was advised that the Commission had little jurisdiction over claims and that, as a question of fact existed between the railway company and himself, it would be necessary for him to apply to a court for redress.

No. 1436.

Feb. 18, 1908.

Wolf River Paper & Fibre Co., vs. *C. & N. W. Ry. Co.*
Shawano, Wis.

COAL RATES.

Complainant alleged that the above named railway company charged a rate of \$1.00 per ton on coal shipped it from Menominee, Mich., to Shawano; that such rate was excessive as compared with rates charged other paper manufacturers in the same district. Complainant was advised that the matter related to interstate commerce, and as such was outside the jurisdiction of this Commission, and it was suggested that he address the interstate commerce commission, which course the Commission is advised was taken.

No. 1437. Feb. 15, 1908.
Thos. P. Griffiths, *vs.* *C., M. & St. P. Ry. Co.*
Union Grove, Wis.

CLAIMS.

Complainant alleged that through the negligence of the train operatives of the above named railway company, he was injured on a highway crossing. Complainant was informed that this Commission has little or no jurisdiction over claims for damages, but the matter was submitted to the officials of the company, who advised the Commission that the matter had been investigated and, in view of the facts as the company found them, it was compelled to decline the claim.

No. 1438. Feb. 18, 1908.
A. Knowles, *vs.* *N. P. Ry. Co.*
Iron River, Wis.

ALLEGED OVERCHARGE.

Complaining that the N. P. Ry. Co. charged him 65 cts. freight on a box weighing but 10 lbs. and of a value less than the amount charged.

Held: 1, That the matter related to interstate commerce and as such was outside the jurisdiction of this Commission; 2, that the charge was based upon the rule regulating charges for single shipments.

No. 1439. Feb. 15, 1908.
Blakeley & William, *vs.* *C., M. & St. P. Ry. Co.*
Union Grove, Wis.

CAR SHORTAGE.

Complainant herein alleged that the above named railway company was not promptly furnishing refrigerator cars for shipments of cabbage.

The matter was taken up with the proper officials of the company and the Commission was advised that the cars would be furnished to satisfy the demands of complainant.

No. 1440.

Feb. 15, 1908.

Walter Brothers Brewing Co., vs. *W. C. Ry. Co.*
Menasha, Wis.

SWITCHING SERVICE.

Complainant alleged that the switching engine furnished by the above named railway company at Menasha was insufficient.

The matter was taken up with the officials of the company and explanations were submitted by them, which were forwarded to the complainant, who was advised that if these did not satisfy, it would be necessary to file a formal complaint, which it declined to do.

No. 1441.

Feb. 17, 1908.

Brittingham & Young Co., vs. *C. & N. W. Ry. Co.*
Madison, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a shipment of lumber from Wabeno to Marinette, believing that a lower rate than the one charged had been established by the Commission in its order entitled, *G. W. Jones Co. vs. C. & N. W. Ry. Co.* 1 W. R. C. R. 520, the order in which did not take effect until July 1, and the shipment seems to have been made on June 11, consequently the order in question could not be regarded as establishing the rate to be charged.

No. 1442.

Feb. 14, 1908.

W. F. Gage, vs. *C. B. & Q. R. R. Co.*
La Crosse, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a shipment of coal received at La Crosse from a point in Illinois. The matter was referred to the officials of the railway company, who stated that they would take it up direct with the complainant and reach an adjustment they hoped would be satisfactory to him.

No. 1443.

Feb. 15, 1908.

Bennett & Myers,

vs.

*W. C. Ry. Co.**Weyauwega, Wis.*

MINIMUM CHARGE ON SINGLE SHIPMENTS.

Complainants alleged that the company had charged them 50 cts. for transporting two window shades from Chicago to Weyauwega, weighing but 20 lbs. Complainant was advised that this was due to the new rule put into effect by the railway companies affecting interstate traffic, under which the minimum charge for articles of that nature take a rate of first class per cwt., or 50 cts., as charged.

No. 1444.

Feb. 19, 1908.

In re United States Express Co.

EXPRESS RATES.

The complainant, a resident of Milwaukee, complained that a member of his family had died in Denver and the remains were embalmed and shipped by the above named express company, together with her personal effects in a trunk, and that charges were collected on the trunk, in addition to the other charges.

The matter was submitted to the officials of the express company, who replied as follows:

“The interstate rate on this class of matter calls for the carrying free with remains of human beings shipped by express personal belongings not to exceed 150 pounds in weight, provided they are carried with the remains. In the case in question, the personal effects were not shipped by the Denver undertaker until three or four days after the remains had left Denver, and we could not, without violating the rules, carry the effects free or refund on them after they had been carried.”

The matter being outside the jurisdiction of the Commission, no further action was taken.

No. 1445.

Feb. 19, 1908.

Ed. Wegner & Son,

vs.

*W. C. Ry. Co.**Phillips, Wis.*

ALLEGED DAMAGE IN TRANSIT.

The complainants herein alleged that they had shipped cheese to Louisville, which was frozen when it arrived at destination,

and wished to be advised whether the companies were liable therefor.

The complainants were advised that the matter was outside the jurisdiction of the Commission, but that it would be taken up with the officials of the railway company, which was done, they stating that if the owners would make claim with proper documents, the matter would be handled in the shortest possible time.

No. 1446.

Feb. 21, 1908.

Geo. W. Price,

vs.

C. & N. W. Ry. Co.

Crandon, Wis.

DELAY IN OBEYING ORDER.

Complainant alleged that the order of the Commission *in re Price v. C. & N. W. Ry. Co.* 1 W. R. C. R. 611, was not being observed by the railway company.

The matter was promptly taken up with the officials of the company, who advised that the neglect to put into effect the order of the Commission was due to an error on the part of the traffic department, but that the tariff, in accordance with the order, had just been issued and the company would adjust claims arising out of shipments made since the order became legally effective.

No. 1447.

Feb. 24, 1908.

Northern Pacific Ry. Co.

PULP WOOD RATES.

The railway company herein stated that in publishing its tariff to comply with the order of the Commission *In re Rates on Pulp Wood*, 2 W. R. C. R. 168, it had failed to make such tariff effective on the date required under the Wisconsin statute, and inquired whether it was at liberty to make adjustments on shipments made after the date when the rate ordered became legally effective.

Held: The company should make such adjustments.

No. 1448.

Feb. 22, 1908.

Duluth, South Shore & Atlantic Ry. Co.

MAP FILED.

Filing map showing its property lines from Slaughter's Addition to the Bay of Superior, in the city of Superior, Wis., and information relating to the installation and maintenance of an interlocking system between its line, the Minneapolis, St. Paul & Sault Ste. Marie and the Wisconsin Central railway companies' lines.

No. 1449.

Feb. 20, 1908.

F. A. Fitzgerald, vs. *C., St. P., M. & O. Ry. Co.*
Rock Elm, Wis.

ALLEGED OVERCHARGE.

Complaining that the above named railway company had overcharged him on a carload of hogs, shipped from Spring Valley, Wis., to South St. Paul, Minn.

Complainant afterward advised the Commission that his claim had been settled in full.

No. 1450.

Geo. H. Katz, vs. *American Express Co.*
Milwaukee, Wis.

Formal complaint filed. See page 128.

No. 1451.

Feb. 23, 1908.

T. L. Foster,
North Fond du Lac, Wis.

RIGHT TO USE PASS.

The complainant herein stated that he was a train despatcher and was asked to accept the position of village clerk; that he had an annual pass over a railway line, and wished to know whether by the acceptance of the clerkship, he must give up the pass.

Held: 1. That a person could not hold the office of village clerk and at the same time hold and use a pass good for travel within the state of Wisconsin. 2. The Wisconsin law did not affect the right of a holder to use a railroad pass in making purely an interstate journey. *In re Railroad Passes to City Officials*, No. 796, Report of R. R. Commission of Wis. for 1907, page 173. *In re William Gray*, id., page 207.

No. 1452.

Feb. 24, 1908.

Gehl Brothers,
West Bend, Wis.

RATES.

Asking for the rates on lumber from Hartford to West Bend, which were furnished.

No. 1453.

Feb. 24, 1908.

Portage Hosiery Co.
Portage, Wis.

CLAIMS.

Complaining of the loss of a case of hosiery shipped from Portage to Lambertville, N. J.

The complainant was advised that this Commission had no jurisdiction over matters of that nature.

No. 1454.

Feb. 25, 1908.

Chas. E. Rice,
New Albany, Ind.

RATES ON SHOW OUTFITS.

Complaining that railroad companies running out of Chicago discriminate in their charges for transporting mixed carloads of Shetland ponies, dogs and equipment for exhibition purposes.

As the matter complained of seems to have related to interstate commerce, the complainant was advised to address the interstate commerce commission.

No. 1455.

Feb. 24, 1908.

Illinois Glass Co., vs. *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

RATES ON GLASSWARE.

The complainant herein alleged an overcharge, made by the above named railway company in transporting a car loaded with glassware from the C. & N. W. Ry. tracks to its team track at its North Avenue station, and claiming that only a switching rate should have been charged.

Held: 1. Rule 3 of the C., M. & St. P. Ry. Co. switching tariff No. 1 provided as follows: "This company will not switch cars to or from any line for team track delivery within the switching districts of Milwaukee."

2. "The rate on bottles in bulk, Milwaukee to North Avenue station, is 4 cts. per cwt., same being distance tariff for 5th class, 5 miles or under."

No. 1456.

Feb. 18, 1908.

Geo. W. Ellis,
Omro, Wis.

RATES.

Complainant asked to be furnished the rate on immigrant movables in carloads from Omro to Middlebury, Vt., which was furnished.

No. 1457.

Feb. 17, 1908.

Holt Lumber Co., *vs.* *C. & N. W. Ry. Co.*
Oconto, Wis.

SNOW AND ICE ACCUMULATED IN TRANSIT.

Complainant alleged that in a shipment of bark from Lakewood and Mountain to Milwaukee, while in transit an amount of snow and ice accumulated on the cars, and that the railway company insisted on charging the total amount of the contents of the car, including the snow and ice, stating that "the alleged accumulated weight of snow and ice on this bark was not through any cause attributed to the carrier." The matter was submitted to the officials of the railway company, and after an extended correspondence, the company stated that the claim had been declined in accordance with the recommendation of the Western Railway Weighing and Inspection Bureau; that in assessing the charges on the carload of bark in question, its weight was arrived at by weights taken on the wagon scale at its Milwaukee station; that the car was unloaded in 25 wagonloads; that the claim was declined on the ground that the weight taken over the wagon scales did not include any accumulation of snow and ice; that the claim would be further considered if it could be shown that the consignees hauled the snow and ice over the wagon scales so that it was included in the weight of the contents of the car.

No. 1458. Feb. 22, 1908.
E. A. Morse, *vs.* *W. C. Ry. Co.*
Washington, D. C.

CARRYING OF MAIL.

The complainant herein represents the 10th congressional district of Wisconsin in the house of representatives, and advises the Commission that the post-office department had been trying to persuade the Wisconsin Central Ry. Co. to carry mail from Marshfield, by way of Arpin, to Vesper, in Wood county; that the company had not replied to the requests of the government officials, and was still refusing to carry the mail, and inquiry was made whether the Commission had jurisdiction in the matter, so that the citizens of the district to be served might make complaint.

The complainant was advised by the secretary that it was his personal and unofficial opinion that the Commission had jurisdiction to compel the railway company to carry the mail under the general service clause of sec. 3, ch. 362, Laws of 1905, known as the Railroad Commission Law, and also under the provisions of sec. 12 of the same law.

No. 1459. Feb. 12, 1908.
In re Chicago & North Western Ry. Co.

HEATING OF PASSENGER TRAIN.

Complaint was made to the Commission that the morning train of the above named company, from Fond du Lac to Janesville, on a certain date, was without heat and in an unsanitary condition.

The matter was referred to the general manager of the company, who stated that he had investigated the matter and could not find that the charge relating to the unsanitary condition of the car was well founded, but that the train was cold, owing to an unavoidable accident to heating arrangements.

No. 1460. Feb. 19, 1908.
F. F. Oldenberg, *vs.* *C., M. & St. P. Ry. Co.*
La Farge, Wis.

OVERCHARGE.

Complaint was made to the Commission that the railway company had charged a minimum of 50 cts. on a package of freight

weighing less than 100 lbs., shipped between points in the state of Wisconsin over one line of road.

Held: That the charge was excessive, that the legal rate was 25 cts., and that the railway company would doubtless refund the overcharge if the matter was presented through one of its agents.

No. 1461.

Edward L. Thornton,
Green Bay, Wis.

vs.

Feb. 26, 1908.

C. & N. W. Ry. Co.

STATION FACILITIES.

Complaint was made that the C. & N. W. Ry. Co. had closed its station buildings at Anston, and that this worked a hardship upon the traveling public desiring to take trains from that point.

The matter was referred to the general manager of the company, who promised to investigate the matter and take it up with the complainant.

No. 1462.

McDirmid-Miller Lumber Co.,
Hixton, Wis.

Feb. 28, 1908.

COAL IN MIXED CARLOADS.

Complainant alleged that great hardship was being done local retail fuel dealers by reason of the rule, enforced by the railway companies, refusing to allow the loading of two kinds of coal in one car, the whole shipment being moved at the maximum rate of either commodity contained in the mixed carload. The information was given that this subject had been before the Commission informally many times and that, while many local retail dealers had expressed desire for change of this rule, none would consent to bring the matter up in a formal complaint, and, in fact, upon examining their interests, objected to change of the rule, fearing that if the rule were changed, it would encourage catalog houses to bring further pressure to bear upon railroad management to so enlarge the rule as to enable them to ship in mixed carloads of merchandise for which orders had been taken in advance. Complainant was advised that a formal complaint might be filed if it was desired to press the matter, and nothing further having been heard, the matter is considered closed.

No. 1463.

Feb. 28, 1908.

*Shadbolt & Boyd Iron Co.,
Milwaukee, Wis.*

CLAIMS.

The complainant herein sent the Commission a file of claim papers relating to an overcharge in weight on a car of wagon-rims, shipped from Milwaukee to West Bend, alleging that a 44-foot car was ordered and that the agent furnished a 36-foot car, and that it was impossible to load the required minimum in the car furnished.

Complainant was advised of the limited jurisdiction of the Commission over claims, and was informed that the charge was based upon the legal tariffs.

No. 1464.

Feb. 24, 1908.

*Glauser, Dash Ladrick Co., vs. I. C. R. R. Co.
Chicago, Ill.*

RATES ON CHEESE.

Complainant herein alleged that the Illinois Central R. R. Co. had advanced its rates on cheese from 22½ cts. to 26 cts. per 100 lbs., from points in Wisconsin to Chicago.

Held: That the tariffs of the Illinois Central on file in this office show the rate to be still 22½ cts.

No. 1465.

Feb. 28, 1908.

*G. W. Stubblefield, vs. W. C. Ry. Co.
Butternut, Wis.*

LOADING FACILITIES FOR FOREST PRODUCTS.

The complainant herein alleged that the railroad company had constructed a spur track off of its main line, four miles north of Mellen, for the use of one George Wilkinson, who paid the cost of this track; and that Wilkinson demanded of complainant an exorbitant amount for the right to use this spur for the purpose of loading cars.

The matter was taken up with the officials of the company, who advised the Commission that complainant could obtain a right to use a portion of the track by reimbursing Mr. Wilkinson for a portion of the expense incurred by him. After a correspondence of some length on the matter, the Commission was informed, on April 30, by the general superintendent of the

railroad company, that the parties had adjusted the matter between themselves.

No. 1466.

Feb. 25, 1908.

R. H. Burns,

Ladysmith, Wis.

RATES.

Inquiring of the Commission the rate per 100 lbs. on "unbreakable" materials.

The complainant was asked whether he referred to packages weighing less than 100 lbs. each, and was given the rule governing the minimum charge on such packages, from Chicago to Ladysmith.

No. 1467.

Feb. 26, 1908.

J. F. Henning,

Chili, Wis.

RATES.

Inquiring the rate on fresh fish from Green Bay to Chili, which information was furnished.

No. 1468.

March 2, 1908.

Lawn Brothers,

Wausaukee, Wis.

MINIMUM RATE FOR SINGLE SHIPMENTS.

Complainants submitted bill for 45 cts. for shipment of printed circulars, 20 lbs., from Galewood, Ill., to Wausaukee, complaining that charge was excessive.

Held: The matter involves an interstate shipment, which is outside of the jurisdiction of the Commission. Rate charged was according to the published tariff on file with the Commission.

No. 1469.

Feb. 29, 1908.

J. B. Gruber & Co.,

vs.

M., St. P. & S. S. M. Ry. Co.

Catawba, Wis.

RATES.

Complainants herein asked to be advised of the rates on certain commodities between certain points, which were furnished them.

No. 1470.

March 3, 1908.

*Standard Wagon Co.,
Stoughton, Wis.*

LUMBER RATES.

Inquiry was addressed to the Commission asking for the rates on lumber from Soldiers Grove to La Farge, Richland Center and Blue River to Stoughton.

Which information was furnished.

No. 1471.

March 4, 1908.

*Hind & Fuchs,
Indianapolis, Ind.*

RATES ON CABBAGE.

Complainant alleged that an excessive rate on cabbage from Genoa Jet. to Indianapolis prevented cabbage growers at that point from shipping to the latter market. That the rate from Racine to Indianapolis is but 13½ cts., while from Genoa Jet. it is 26½ cts. per hundred.

Complainant was advised that this Commission had no jurisdiction over the rates in question, and it was suggested that it be laid before the interstate commerce commission.

No. 1472.

March 4, 1908.

Chicago & North Western Ry. Co.

SANITATION.

Upon an investigation by the Commission regarding the condition of out-houses along the line of the above named railway company, some suggestions were offered regarding the means of keeping such buildings clean.

The matter was submitted to the general agent of the company, who advised the Commission that within a few years the company has made strenuous efforts to improve the conditions and that it has met with quite a fair measure of success, and it would be glad to welcome any suggestions made by the Commission or its inspectors.

The Commission suggested that if the doors were kept locked up to thirty minutes before and after the arrival of passenger trains it might prevent the use of the out-houses by persons other than patrons of the road and give the employes a better opportunity to watch such buildings and to prevent their misuse.

No. 1473.

Feb. 26, 1908.

Vernon C. Ward,
Gordon, Wis.

vs.

C. & N. W. Ry. Co.

PASSENGER SERVICE.

Complaint related to the passenger train service at Gordon, it being alleged that trains Nos. 94 and 63 should stop at that point.

The matter was submitted to the officials of the company, who advised the Commission that the trains in question are through interstate trains, scheduled to run at a high rate of speed, which it was difficult to maintain. That it is impossible to provide for more stops on the present schedule. This report was submitted to the representatives of the complainant.

No. 1474.

March 4, 1908.

Vernon C. Ward,
Chicago, Ill.

vs.

C. & N. W. Ry. Co.

SHORT LINE MILEAGE.

The complainant herein alleged that he took a train from Watertown to Madison on the C. & N. W. Ry., and that the conductor refused to accept mileage at the short line rate and called for the actual distance traveled, which was thirty-seven miles greater than it would have been if he had gone over the line of the C., M. & St. P.

Held: That the C. & N. W. tariffs on file in this department do not authorize short line mileage between Watertown and Madison, and the conductor was within the rules of the company when he detached full mileage for the distance traveled.

No. 1475.

March 5, 1908.

T. H. Russell,
Brillion, Wis.

THROUGH RATES.

Complaint herein related to the rate charge on two horses shipped from Kalamazoo, Mich., to Brillion, Wis. It appearing that there was in existence a combination of local rates, made up from the rate from Kalamazoo to Chicago and from Chicago to Brillion, which would have been less than the through rate charged.

Held: Under the rule of the interstate commerce commission the published through rate governs.

No. 1476.

Paul Gosz, vs. *C., M. & St. P. Ry. Co.*
 Formal complaint filed. See page 129.

No. 1477.

Rolland L. Porter, vs. *W. C. Ry. Co.*
Mukwonago, Wis. March 10, 1908.

TELEGRAPH SERVICE.

The complainant herein advised the Commission that the railroad agent at Mukwonago refused to accept a telegram from him, whereby he suffered a financial loss. A copy of the investigation of the Commission *In re Investigation of Telegraph Service*, 2 W. R. C. R. 263, was sent him, and the matter was taken up informally with the officials of the railway company, who advised the Commission as follows:

“We do not, under any circumstances, care to re-establish the telegraph at that point, so far as railroad business is concerned, as we are able to get along very well without having telegraph installed. If the Western Union Company desires to make arrangements direct with the agent at that point for the handling of Western Union business, we will not enter any objections whatsoever, but the station in this event will continue to remain closed as a telegraph office, so far as railroad business is concerned.”

No. 1478.

March 7, 1908.

In re PASSENGER FARES PAID ON TRAINS.

The legal representatives of the Minneapolis, St. Paul & Sault Ste. Marie, and Chicago & North Western, and Chicago, Milwaukee & St. Paul railway companies addressed the Commission, asking for an opinion whether or not the companies could, under the laws of Wisconsin, issue a rule requiring conductors to collect 10 cts. in excess of the legal fares from persons boarding passenger trains at stations where tickets can be purchased, such conductors to give a check, good at any station along the line of the railroad, by which the excess can be collected back.

The matter being legal in its nature, the correspondence was submitted to the attorney general, and an opinion thereon was requested from him, which reads in part as follows:

“The general rule is that a railroad company, furnishing facilities for the purchasing of tickets, may establish a rate of

fare for passengers failing to provide themselves with tickets before entering the train, higher than the ticket rate, the extra charge being regarded as a compensation to the company for the inconvenience to which it is subjected by being compelled to receive the fare by the hands of the conductor." (Citing *Phettiplace v. R. Co.* 84 Wis. 412, and other cases.)

The attorney general quoted sec. 1819, of the Statutes of 1898, as amended by ch. 622, Laws of 1907, known as the Two-Cent Fare Law, at length, and concluded that under the case cited above, that though the law established a maximum passenger rate beyond which carriers could not go and retain the excess as their absolute property, still the company could legally collect the excess from a passenger, if provision was made for a refund of the amount at the termination of the journey.

The opinion is given in full on page 819, Biennial Report and Opinions of the Attorney General for 1908.

No. 1479.

Feb. 17, 1908.

A. O. Finch, et al., vs. *C., M. & St. P. Ry. Co.*
Heineman, Wis.

ALLEGED INSUFFICIENT PASSENGER SERVICE.

A petition signed by a large number of residents in the territory served by the Gleason branch of the above named railway company, was filed with the Commission, alleging insufficient passenger service on that branch of the company's road.

The matter was taken up informally by the officials of the company and on March 25 the Commission received a letter from the complainant, stating that changes had been made, which were entirely satisfactory.

No. 1480.

March 7, 1908.

In re COMMUTATION TICKETS BETWEEN WATERTOWN AND MILWAUKEE.

The complainant herein alleged that the Chicago, Milwaukee & St. Paul Ry. Co. had discontinued selling commutation tickets between Milwaukee and Watertown, but that it still sold them between Milwaukee and Oconomowoc. The matter was submitted to the officials of the railway company, who advised the Commission that commutation tickets were established between Milwaukee and points on the La Crosse division, primarily on account of the large summer travel between Milwaukee and the

territory included in Waukesha county. That a number of Milwaukee families occupy summer cottages at Oconomowoc and intermediate points during the season and make frequent trips to and from Milwaukee, the heads of the families, as a rule, making daily trips. That the cost of transportation is a large factor when the question of summer outings is considered, and it has been found that commutation rates have aided considerably in building up this class of business. That the same reasons do not exist for commutation rates to Watertown. That the reasons that prompted the continuance of commutation rates to Oconomowoc do not exist in the case of Watertown.

No. 1481.

March 13, 1908.

S. J. Riordan,

Port Washington, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENT.

The complainant herein alleged that he was charged 77 cts. freight on casting shipped from Kalamazoo, Mich., to Port Washington, Wis.

Held: That the tariffs on file at this department show the amount charged to be based upon the legally published tariff in effect between the two places.

No. 1482.

March 5, 1908.

Torrey Cedar Co., vs.

C. & N. W. Ry. Co.

Clintonville, Wis.

CLAIMS.

The complainant herein submitted to the Commission claim papers against the railway company, alleging overcharges. The claims having accrued before the establishment of this Commission, nothing could be done with them.

No. 1483.

March 5, 1908.

Northwestern Lumber Co., vs. *C., St. P., M. & O. Ry. Co.*

Eau Claire, Wis.

CLAIMS.

The complainant herein submitted papers in claim which it had against the railway company, but the claim having accrued before the establishment of this Commission, nothing could be done with them.

No. 1484. March 10, 1908.
Oconto Brewing Co. *vs.* *C. & N. W. Ry. Co.*
Oconto, Wis.

RATES ON BEER.

The complainant herein alleged that the rate on beer from Oconto to Sheboygan is 14½ cts. per hundred in carload lots, while the freight on the same commodity from Milwaukee to Oconto is 15 cts. per hundred, carload lots. That the distance from Oconto to Sheboygan is 95 miles, while from Milwaukee to Oconto the distance is 141 miles.

The matter was taken up with the officials of the company, and on March 24 the complainant advised the Commission that the rates had been satisfactorily adjusted by the railway company.

No. 1485. March 12, 1908.
F. B. Wing, *vs.* *W. C. Ry. Co.*
Abbotsford, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

The complaint herein related to the charge made by the above named railway company on shipments of gasoline weighing less than 100 lbs., between Chicago and Abbotsford, and St. Paul and Abbotsford. The charges were investigated and found to be in accordance with the published tariffs, and complainant was so advised.

No. 1486. March 10, 1908.
Edw. M. Strasburg, *vs.* *C., M. & St. P. Ry. Co.*
Deansville, Wis.

STATION FACILITIES.

Complaint herein was to the effect that the railway company maintained no shelter at Deansville. The matter was taken up with the officials of the company, who promptly advised the Commission that arrangements had been made to place a ceiled hand car house at that station, and complainant was so advised.

No. 1487. March 10, 1908.
Miner Bros., vs. *C. & N. W. Ry. Co.*
Carter, Wis.

STATION SERVICE.

Complainant herein alleged that the above named railway company was not furnishing station service in accordance with an agreement entered into between the company and the Commission, referred to in First Biennial Report of the Commission, page 355.

The matter was taken up with the officials of the company, who stated that there had been failure on the part of the trainmen to unload goods at the point in question, but that orders had been given which had corrected the trouble.

No. 1488. Feb. 25, 1908.
Frank Carter Co., vs. *C., St. P., M. & O. Ry. Co.*
Menomonie, Wis.

CLAIMS.

The complainant herein submitted a number of claims for overcharges which it had against above named railway company, and asked for advice in regard to collections. Its attention was called to ch. 1797—37m, known as the Refund Law, passed by the last session of the legislature, giving this Commission jurisdiction to authorize refunds in cases where it found the charges to have been unreasonable.

No. 1489. March 17, 1908.
Erick Hendrickson, vs. *W. C. Ry. Co.*
Chippewa Falls, Wis.

STATION SERVICE.

Complainant and sixty-two other persons alleged the lack of station service at Bateman.

The matter was taken up with the proper officials of the company, who submitted a statement showing the amount of business transacted at that point, and also the inhabitants residing in the territory contiguous thereto. A copy of this letter was sent to complainants, with a statement that a formal complaint would be necessary if the Commission should have jurisdiction over the matter, but nothing further was heard from them.

No.1490.

March 16, 1908.

Thos. W. Finney,
Cassville, Wis.

RATES ON WAGONS.

The complainant herein submitted a freight bill on a carload of wagons, shipped from Boscobel to Cassville, and asked to be advised whether or not there had been an overcharge. The matter was investigated, and it was found that there was a published through rate of 20 cts. per cwt. as charged, but that there was also in effect a rate of 9 cts. per cwt., Boscobel to Prairie du Chien, and a rate of 9 cts. per cwt. Prairie du Chien to Cassville, making through rate of 18 cts.

Held: Where there are two conflicting rates, the lower rate should prevail.

No. 1491.

Feb. 27, 1908.

W. L. Finton Co., vs. *Wisconsin Demurrage Bureau.*
Appleton, Wis.

CAR SERVICE ON INTERSTATE SHIPMENTS.

The complainant herein submitted certain claims which it had against railroads represented by the above bureau on an interstate shipment.

Held: The interstate commerce commission alone has jurisdiction of complaints arising from demurrage charges on interstate shipments. *Cudahy Packing Co. v. C. & N. W. Ry. Co.* 12 I. C. C. R. 446; *Texas & Pacific Ry. Co. v. Abilene Cotton Oil Co.* 204 U. S. 426.

No. 1492.

March 12, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

REQUEST FOR AUTHORITY TO MAKE REFUNDS.

The above named railway company submitted certain claims to this Commission asking for authority to make a refund under the provisions of sec. 1797—37m, Laws of 1907. It was advised that the only jurisdiction which the Commission had in cases of this nature arises on complaint from the shipper, and not upon application by the railway.

No. 1493.

March 13, 1908.

Chas. H. Nye, Village Clerk, vs. C., M. & St. P. Ry. Co.
Viola, Wis.

BRIDGE AS AN OBSTRUCTION TO STREAMS.

The complainant herein alleged that at certain seasons of the year driftwood, rafts and other debris piled up against the pier supporting the railway company's bridge over the Kickapoo river at Viola, causing a dam which flooded the surrounding territory, and asked the Commission to advise whether it had jurisdiction to compel the company to restore the stream to its former state and maintain it so that no injury would result to adjoining property.

Held: 1. The Railroad Commission has jurisdiction in such matters.

2. Section 1836, Statutes of 1898, provides that:

"Every corporation constructing, owning or using a railroad shall restore every stream of water, water-course * * * or canal across, along or upon which such railroad may be constructed, to its former state or to such condition that its usefulness shall not be materially impaired and thereafter maintain the same in such condition against any effects in any manner produced by such railroad."

3. That it is the duty of a railroad company to so construct its road bed across a stream of water in the line thereof, as not to divert the water from its channel to the injury of adjoining lands. *Young v. C. & N. W. Ry. Co.* 28 Wis. 171.

4. That a mandatory injunction will issue in a proper case to enforce the duty prescribed by the statute above cited. *Jamestown v. R. Co.* 69 Wis. 648; *Oshkosh v. R. Co.* 75 Wis. 534; *Oconto v. R. Co.* 44 Wis. 231.

No. 1494.

March 19, 1908.

P. F. Boulay & Bro. Co.

Fond du Lac, Wis.

RATES ON SEED.

The complainant herein asked the Commission for rates on seed grain between Fond du Lac and La Crosse. It was advised that there was no specific rate on grain for seeding purposes that applied between the points named, and that the regular rate on grain is the only one in effect.

No. 1495.

March 17, 1908.

Meyers Bros. Lbr. Co.
Evansville, Wis.

vs.

C. & N. W. Ry. Co.

CORDWOOD RATES.

Complainant herein asked to be advised concerning rates on cord wood from Hermansville, Michigan, to Evansville, which were furnished.

No. 1496.

March 17, 1908.

Ruedebusch & Sterr,
Knowles, Wis.

RATES ON WOVEN WIRE.

The complainant herein asked to be advised as to the rate on woven wire in rolls, from Adrian, Mich., to Knowles, Wis., which was furnished.

No. 1497.

March 19, 1908.

Jens Hansen,
Withee, Wis.

vs.

W. C. Ry. Co.

LIVE STOCK CLAIMS.

The complainant herein alleged loss of certain live stock, killed on right of way of the above named road.

Complainant was advised that this Commission had no jurisdiction in matters of this kind, further than to investigate and, in its discretion, to report to the legislature.

No. 1498.

March 12, 1908.

Ahnapee Veneer & Seating Co., vs. *C., St. P., M. & O. Ry. Co.*
Birchwood, Wis.

CLAIMS.

Complainant herein submitted to the Commission certain claims for alleged overcharge on freight on logs, from Winter to Birchwood. The Commission also received a request from the traffic officials of the "Omaha" Ry. Co. for authority to make the refund.

Upon investigation it appeared that the freight moved on regularly published tariffs and was delivered to the consignee

more than six months before the filing of the claim with this Commission.

Held: The only authority which the Commission has for authorizing a refund is under sec. 1797—37m, Laws of 1907, which provides that within six months after the delivery of any shipment of freight at destination, any person aggrieved may complain to the Commission that the charge exacted for the transportation of such freight between points in Wisconsin is unusual or exorbitant, and thereupon the Commission shall have power to investigate such complaint, and to determine what is a reasonable rate, and to authorize the carrier to settle upon the basis of such reasonable rate. The shipment having been made prior to six months before the complaint was made, the Commission had no jurisdiction in the premises.

No. 1499.

March 20, 1908.

*D. W. Britton Cooperaage Co., vs. C., M. & St. P. Ry. Co.
Green Bay, Wis.*

CARLOAD MINIMUM.

The complainant herein alleged that the tariffs on logs of the above named railroad company provided for a minimum of 60,000 lbs., and that the company furnishes cars for loading on which they will not permit more than 45,000 or 50,000 lbs. to be placed.

The matter was submitted to the officials of the railway company, who advised the Commission that the tariff was issued with the understanding that 60,000 minimum would be loaded, but that the point raised by the complainant is a good one, and that the tariff will be corrected to provide, that where cars of a less capacity are furnished at the company's convenience, the minimum shall not exceed the capacity of the car.

No. 1500.

March 19, 1908.

*J. B. Gruber & Co., vs. M., St. P. & S. S. M. Ry Co.
Catawba, Wis.*

RATES ON PULP WOOD.

The complainant herein alleged that the joint rates on pulp wood from Catawba to the paper mills were excessive.

Complainant was advised that in a matter of this kind a formal complaint would be necessary.

No. 1501.

March 21, 1908.

H. Sorge & Sons, vs. *C., M. & St. P. Ry. Co.*
Reedsburg, Wis. *C. & N. W. Ry. Co.*
By James A. Stone, their Attorney.

CLAIMS.

The complaint herein related, in part, to a shipment of butter from Cashton, Wis., to Pittsburg, Pa., which, complainants alleged, had been directed to be routed by way of the Wabash railroad, and which went over the B. & O., resulting in delays and consequent damage to the consignor.

The matter was submitted to the officials of the C., M., & St. P. Ry. Co., who denied that it had received any routing directions. An extended correspondence followed, developing the fact that the complainant had given the proper directions as to routing, which facts were presented to the company, and they advised the Commission that the claim would be allowed.

The facts in the complaint relating to the C. & N. W. Ry. Co. were similar to those above recited, but the latter road promptly settled its claim when it was presented by the Commission.

No. 1502.

March 21, 1908.

Joannes Bros. Co., vs. *C., M. & St. P. Ry. Co.*
Green Bay, Wis.

RATE ON CANNED VEGETABLES.

The complainant herein alleged that the rate charged by the C., M. & St. P. Ry. Co. for transporting carloads of vegetables from Winneconne, Wis., to Green Bay, was 12½ cts. per 100 lbs., while that company charged a rate on the same commodity from Winneconne to Milwaukee of 10 cts. per 100 lbs., it appearing that Winneconne is a local station on the line of the C., M. & St. P. Ry. Co., running north from Ripon Jct., and that, to reach Green Bay over the rails of that company, it was necessary for the shipment to move by way of Milwaukee.

Complainant contended that the shipment should be delivered to the C. & N. W. Ry. at Ripon, which would reduce the mileage by one-half, which would justify putting Green Bay on the same basis as Milwaukee.

The matter was submitted to the officials of the railway company, who replied that the distance from Winneconne to Mil-

waukee is 104 miles, and from Winneconne to Green Bay, by way of Ripon Junction and the C. & N. W. is 106 miles; that the joint rate should be higher than the through rate, and that the 12½ ct. rate complained of was lower than the reasonable joint rate.

Which statement was submitted to the complainant, and he was advised that it would be necessary to file a formal complaint to dispose of the matter.

No. 1503.

March 24, 1908.

A. D. Stevens,

vs.

W. C. Ry. Co.

Park Falls, Wis.

ALLEGED EXCESSIVE THROUGH RATE.

The complainant herein alleged an excessive through rate charged on a package weighing 25 lbs., shipped from Newark, Ohio, to Park Falls. He also complained that the company had failed to refund the value of a ticket which was purchased and not used within the date specified by the rules of the company.

Complainant was informed that the charge on the shipment from Newark, Ohio, to Park Falls related to interstate commerce and as such is outside of the jurisdiction of the Commission.

The question of the ticket was taken up with the passenger department of the railway company, and its general passenger agent informed the Commission that the refund had been made, and that the reason for the delay was the refusal of the claimant to answer certain questions concerning the ticket.

No. 1504.

March 24, 1908.

George R. Cross,

New Lisbon, Wis.

RATES.

Complaint herein relates to a shipment of two cows and one calf, from North Prairie to New Lisbon, by way of the C., M. & St. P. Ry.

The complainant was advised of the rate in effect between the points in question.

No. 1505. March 24, 1908.
L. J. Boucher, *vs.* *C. & N. W. Ry. Co.*
Marshfield, Wis.

HIGHWAY CROSSINGS.

The complainant herein alleged that a highway crossing over the tracks of the above named railway company in the town of McMillan, Marathon county, Wis., was made impassable for heavy loads by the high embankment.

The matter was taken up with the officials of the company, and after an extended correspondence assurances were received from the company that the crossing would be improved in a manner satisfactory to the complainant.

No. 1506. March 24, 1908.
Frank H. Morse, *vs.* *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

ANNOUNCEMENT OF TRAINS.

Complainant herein alleged that the officials of the above named railway company at Janesville did not properly announce the departure of its trains, nor post signs which would assist the traveling public.

The matter was taken up with the officials of the company, who advised the Commission that orders had been given which would correct the matter complained of, and later the Commission was advised that the cause for complaint had been removed.

No. 1507. March 24, 1908.
Onalaska Pickle & Canning Co., *vs.* *C., B. & Q. Ry. Co.*
Onalaska, Wis.

SWITCHING CHARGES.

The complainant herein alleged that the above named railway company charged it 4 cts. per cwt. on commodities switched from its Grand Crossing yard to its factory, a distance of 1½ miles, while it performed the same service for the jobbers and manufacturers in the city of La Crosse, transporting cars or switching cars from Grand Crossing yards to points in La Crosse, at a fixed switching rate of \$2.00 per car.

The matter was submitted to the company and, after an extended correspondence, a rate of 1½ cts. per cwt., with a minimum of \$5.00 per car, was put in effect, which satisfied the demands of the complainant.

No. 1508.

March 21, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATE.

Application for authority to publish, effective immediately, tariffs covering H. W. Wright Lumber Company's logging railroads.

Application approved.

No. 1509.

March 21, 1908.

City of Baraboo, Wis.

HIGHWAY CROSSINGS.

Inquiry whether the Commission had made any orders under the laws of Wisconsin relating to safety devices at the grade crossings of highways and railroads within the limits of an incorporated city, and what are the requirements of a complaint.

Held: That under the provisions of subdivision D, sec. 12, ch. 363, Laws of 1907, this Commission has ordered devices to protect highway crossings which are required to be put in and maintained by the railway companies at their own cost. That sec. 1809, Laws of 1907, provides an additional method of accomplishing the same object.

No. 1510.

March 16, 1908.

C. B. Patton,

Waupun, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

The complaint related to the minimum charge on single shipments of freight.

Complainant was advised of the rule in force in the state at the time the complaint was made.

No. 1511.

March 20, 1908.

W. H. H. MacLoon,
Janesville, Wis.

COAL RATES.

The complainant herein requested the Commission to undertake an investigation looking toward the re-adjustment of the coal rates in the state.

He was advised that present engagements of the Commission were of such a nature that a general investigation of the subject could not be undertaken.

No. 1512.

March 11, 1908.

United States Sugar Co., *vs.* *Hillsboro & N. E. Ry. Co.*
Milwaukee, Wis.

RATES.

Complaining that it could not get a tariff sheet showing the rates on sugar beets from Hillsboro to Madison.

The rate in effect between the points in question was furnished to complainant.

No. 1513.

March 25, 1908.

Kewaunee Grain Co.,
Kewaunee, Wis.

INTERSTATE RATES.

Complainant herein alleged that the rate on grain, from Kewaunee to Buffalo, N. Y., is 12 cts. per hundred, from Green Bay to Buffalo it is 14 cts., and from Luxemburg and New Franklin, intermediate points, the rate is 15 cts.

Complainant was informed that the matter complained of related to interstate traffic and should be taken up directly with the interstate commerce commission.

No. 1514.

March 24, 1908.

Village of Schofield, Wis., *vs.* *Wausau Street Railway.*

TRACKS IN STREETS.

The complaint herein was signed by the village president, who stated that a controversy had arisen regarding the location of the tracks of the railway which runs through the streets of the village.

The complainant was advised that the matter was outside of the jurisdiction of the Commission, and that recourse was with the courts.

No. 1515.

March 19, 1908.

R. F. Sulzer,

Minneapolis, Minn.

PASSES.

Inquiring whether the laws of Wisconsin permitted the giving by railways of free passes to missionaries.

Complainant was advised of the provisions of sec. 8, page 362 of the Laws of 1907, in which ministers of the gospel, officers or agents of incorporated colleges, inmates of soldiers homes, and regular agents of charitable societies, when traveling on the business of the society only, are excepted from the anti-pass provisions of the law.

No. 1516.

March 28, 1908.

H. P. Christ,

Wausaukee, Wis.

STOPPAGE IN TRANSIT FOR MANUFACTURER.

Inquiring whether, under the rules of the C., M. & St. P. Ry. Co., he should be given privilege of stopping cars of cedar posts in transit for purpose of sawing, paying 2 cts. per cwt., which privilege agent at Wausaukee, C., M. & St. P. Ry., had denied complainant.

The Commission investigated the tariff on file and supplied complainant with the information he desired.

No. 1517.

March 19, 1908.

Rock County Concrete Stone Co.,

Janesville, Wis.

CLAIMS.

Complainant alleged that it had been overcharged on a shipment of cement blocks from Janesville to Brooklyn.

The matter was taken up with the officials of the company and, after some correspondence, the claim was allowed, which satisfied the complainant.

No. 1519.

March 26, 1908.

Joseph L. Mayer,
Boyd, Wis.

RATES.

Complaining that the rates on cord wood, from Boyd to Chicago, have been raised.

He was informed that the matter complained of related to interstate commerce and as such was outside of the jurisdiction of the Commission.

No. 1520.

March 30, 1908.

Frank Moreth, vs. *Lewiston, Wis.*

C. & N. W. Ry. Co.

ALLEGED FAILURE TO STOP TRAIN.

The complainant herein alleged that the passenger train No. 66 of the above named railroad refused to stop on being flagged at Lewiston station on a certain date.

The matter was submitted to the officials of the railway company, who advised the Commission that instructions had been given to their trainmen to stop upon being flagged at that station, and that the engineer and fireman denied that they were flagged on the day in question. See *Guildner v. C., M. & St. P. Ry. Co.* 1 W. R. C. R. 102; *Grossman v. C., M. & St. P. Ry. Co.* 1 W. R. C. R. 254.

No. 1521.

March 31, 1908.

International Salt Co., vs. *9 Jackson Boulevard, Chicago, Ill.*

C. & N. W. Ry. Co.

CLAIMS.

The complainant herein filed a claim which accrued in August, 1902, against the above named railway company.

It was informed that the claim, having originated before the Commission was organized, was outside of its jurisdiction.

No. 1522.
H. J. Fuhrman,
Fall Creek, Wis.

March 31, 1908.

CLAIMS.

Inquiring whether, after a given statement of facts, a railroad company would be liable in a suit for damages.

He was informed that it was a matter about which the Commission could not express an opinion.

No. 1523.
Rob Schreiber,
Lindhurst, Wis.

vs.

March 31, 1908.
C. & N. W. Ry. Co.

CLAIMS.

The complaint herein related to a shipment of tan-bark from Lindhurst to Sheboygan.

An investigation of the tariffs on file in this office indicated that the company had overcharged complainant and the matter was taken up with the officials, who stated that there had been an overcharge, and an adjustment was accordingly made which was satisfactory to complainant.

No. 1524.
G. S. Bohan et al.,
540-35th St., Milwaukee, Wis.

vs.

April 1, 1908.
W. C. Ry. Co.
C. & N. W. Ry. Co.

Complaint herein alleged failure of trains of the Wisconsin Central Railway Co. and the Chicago & North Western Railway Co. to make connections at Medina Jct.

The matter was submitted to the officials of the said railways, who advised the Commission that in the future every effort would be made to make said connection, and that said connection would undoubtedly be made four-fifths of the time. The reply satisfied the complainants.

No. 1525.
Green Bay Traction Company,
Green Bay, Wis.

July 19, 1907.

ANTI-PASS LAW.

The president of the company asked the Commission for a ruling, whether or not a franchise, providing that certain city

officials shall be carried free, amounts to a contract, and whether the carrying of such officials free under such franchise is in violation of the Wisconsin Anti-pass Law.

The matter was submitted to the attorney general for his opinion, which he submitted, holding that the "provisions in such franchise, providing that certain city officials shall be carried free, is in violation of the anti-pass laws of the state." See Biennial Report and Opinions of the Attorney General for 1908, p. 808.

No. 1526.

April 3, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATES.

Application for authority to put into effect immediately tariff on boxes, 5 cts. over lumber rate, Green Bay to Barron and Rice Lake, via "Soo" line, from Pembine.

Application approved.

No. 1527.

April 26, 1908.

Joseph Meives,

Sheboygan, Wis.

ALLEGED OVERCHARGE.

The complainant herein alleged that the conductor on the Sheboygan-Plymouth interurban line collected an 8 ct. fare for a distance of $2\frac{1}{2}$ miles, and inquiring whether it was a violation of the Two-cent Fare Law.

Held: That the law in question does not apply to railroads the gross earnings of which are less than \$3,500 per mile, and that the reports on file in this office show that such road is not earning that amount per mile.

No. 1528.

March 31, 1908.

W. F. Stark.

vs.

C. & N. W. Ry. Co.

Milwaukee, Wis.

CLAIMS.

The complainant herein submitted to the Commission certain claim papers relating to a shipment of grain over the C. & N. W. Ry. from Adams, Neb., to Oshkosh, which was charged at the rate of $14\frac{3}{4}$ cts. per hundred, while the C., M. & St. P.

Ry. Co. had in effect a rate between the same points of 11 cts. per hundred. Complainant was advised that the matter was outside the jurisdiction of the Commission, and that since the controversy had arisen, the C. & N. W. Ry. Co. had reduced its rate to meet the rate made by the C., M. & St. P. Ry. Co.

No. 1529.		April 2, 1908.
<i>J. W. Pond,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>Unity, Wis.</i>		

ALLEGED REFUSAL TO CALL TRAINS.

Complainant herein alleged that the agent of the above named railway company at Unity had refused to give the public any information relating to train service.

The matter was referred to the officials of the company, and its general superintendent stated that he would give instructions to the agent which would remove the difficulty.

No. 1530.		
<i>Wilbur Stock Food Co.,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>

Formal complaint filed. See *F. P. Wilbur v. C., M. & St. P. R. Co.*, p. 134.

No. 1531.		April 8, 1908.
<i>C. J. Dogenhart,</i>		
<i>Blue Mounds, Wis.</i>		

TELEGRAPH SERVICE.

The complainant herein is the secretary of an association of business men at the above named village, and complained that the telegraph service at that village had been discontinued.

Complainant was advised that any complaint he would have to make must be directed against the Western Union Telegraph Co., and the matter was taken up with the superintendent of that company, who advised the Commission that arrangements had been made by which telegrams for Blue Mounds are received at Mount Horeb and transferred from there to destination by telephone.

No. 1532.

April 8, 1908.

J. H. Hoyt,
Fall River, Wis.

vs.

C., M. & St. P. Ry. Co.

ALLEGED VIOLATION OF CONTRACT.

Complainant herein alleged that the C., M. & St. P. Ry. Co. crosses his farm and that, when the said road was constructed, he was given a contract, by which the company agreed to keep a farm crossing for him wherever he might choose, and that the company now refused to comply with such requests, and asked the Commission what his recourse is.

He was advised that he should appeal to the courts, but the matter was taken up with the company, who denied that the Commission had any jurisdiction in the matter and complainant was so advised.

No. 1533.

March 28, 1908.

Thomas Moulding Co.,
Watertown, Wis.

vs.

C., M. & St. P. Ry. Co.
C. & N. W. Ry. Co.

INTERSTATE RATES.

The complaint herein related to the rates on vitrified brick between Chicago and Watertown. It appeared that the city of Watertown was about to lay some vitrified brick paving, and finding the rates on such brick to be in excess of the rate on common brick, the Commission was asked to file a complaint with the interstate commerce commission, to the effect that the rates were excessive. The attorney for the complainant was informed that the action should be begun by the city itself, but that the Commission would take the matter up with the officials informally. Before the officials of the railway companies were heard from, the Commission received a letter from Jos. E. Davies, attorney for the petitioner, asking to have the complaint withdrawn.

No. 1534.

Colin W. Wright,
Monroe, Wis.

MOTOR CARS ON RAILWAYS.

The complaint herein related to the question of the motor car installed by the I. C. R. R. Co. Formal complaint relating to the same question was made. See page 119 (*Colin W. Wright v. I. C. R. R. Co.*, 2 W. R. C. R. 279.)

No. 1535.

April 13, 1908.

Marquette and Adams County Tel. Co. vs. *W. C. Ry. Co.*
Oxford, Wis.

TELEPHONE SERVICE.

Complaining that the above named railway company refused to install telephones in its stations at Packwaukee and Endeavor. Complainant was advised of the passage of ch. 614, Laws of 1907, under which the Commission is given jurisdiction to order telephone service installed in railway stations.

No. 1536.

April 7, 1908.

Chicago Lumber & Coal Co. vs. *C., St. P., M. & O. Ry. Co.*
Chicago, Ill.

IMPROPER ROUTING.

In the above entitled matter the complainant shipped a carload of lumber from Couderay to Burlington, without giving billing directions. There was in effect a rate from Couderay of 12 cts. to Racine, and a rate of 4 cts. from Racine to Burlington, making a through rate of 16 cts. Instead of billing it in that way, it was billed by way of Madison, making a through rate of 20½ cts., and information was asked whether a refund could be made.

Held: Under the decision of the Commission *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300, in absence of billing directions by the consignor, it becomes the duty of the carrier to bill it by the route offering the lowest rate.

No. 1537.

April 10, 1908.

Cunningham & Adair,
Janesville, Wis.

RATES ON JUNK.

The complaint herein related to the rates charged on junk between Janesville and Chicago, and between Janesville and Milwaukee.

The complaint seems to have arisen from a misunderstanding of the tariff, which was explained.

No. 1538.

April 10, 1908.

*Cargill Coal Co.,
Green Bay, Wis.*

SWITCHING CHARGE.

The complaint related to a charge made for the switching of cars of coal from the coal company's docks, in Green Bay, to the Y-tracks of the C. & N. W. Ry. Co. and the C., M. & St. P. Ry. Co. Complainant alleged that the charge made was excessive, and the Commission was asked to express an opinion as to what would be a reasonable charge.

Held: The rate of \$1.00 per car for the service performed is a reasonable charge, which the company acceded to.

No. 1539.

April 7, 1908.

*F. Hurlburt,
Green Bay, Wis.*

CLAIMS.

The complaint herein related to an alleged overcharge on a carload of hay, shipped from Denmark, Wis., to Birmingham, Ala., on which a charge of 40½ cts. per cwt. had been made.

An examination of the tariffs on file in the department showed the rate charged to have been correct.

No 1540.

April 7, 1908.

*W. I. Durham Lumber Co.,
Wautoma, Wis.*

ALLEGED OVERCHARGE.

The complaint herein related to an alleged under-payment on a shipment of lumber from Wautoma to Coloma, for which complainant was presented with a bill at the rate of 9 cts. per cwt., and after paying the 9 cts. per cwt. he was presented with an additional bill at the rate of 8 cts. per cwt. The tariffs on file in this office indicated that there was no joint tariff in existence naming a through rate between Wautoma and Caloma, and the lowest rate on which the shipment could move was 9 cts. from Wautoma to Grand Rapids, and 8 cts. from Grand Rapids to Caloma, and complainant was so informed,

No. 1541.

Upham-Russell Co., vs. C., St. P., M. & O. Ry. Co.
 Formal complaint filed. See page 141.

No. 1542.

April 16, 1908.

H. F. Rosenow,
Oconomowoc, Wis.

OVERCHARGE.

The complainant herein alleged that he shipped a carload of lumber from the Union Stock Yards, Chicago, to Oconomowoc, on which he was charged an excessive freight rate.

Held: The rate charged was correct, except as to a terminal charge of \$2.00, which the railway company should refund.

No. 1543.

April 15, 1908.

Racine Lumber Manufacturing Co. vs.
Racine, Wis. C., St. P., M. & O. Ry. Co.

WRONG ROUTING.

The complaint herein related to a shipment of lumber from Eagle Point to Randolph, Wis., on which no billing directions were given by the consignor, and the agent of the railway company billed it over one route carrying a higher rate than it would have had had it been billed over another.

Held: That in the absence of billing directions, it is the duty of the railway company to bill the car by the route offering the lowest rate. (See *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300.)

No. 1544.

April 13, 1908.

Wisconsin State Board of Control vs. C., M. & St. P. Ry. Co.

RATES ON GRANITE.

The complaint herein related to the freight on three carloads of granite, shipped from a point on the line of the above named railway to Green Bay.

Held: That the charges were correctly assessed, according to the tariffs on file in this office.

No. 1545.

April 17, 1908.

John Hoffman & Sons Co. vs. *W. C. Ry. Co.*
Milwaukee, Wis.

CLAIMS.

The complaint herein related to a shipment of cigars from Milwaukee to Reedfield, Wis. Reedfield is a station on the road at which no agent is maintained, and the shipment seems to have moved on a bill of lading in which the Company was released from loss or damage after the goods were delivered at the station.

Held: That the matter is one relating to a claim, and as such is outside the jurisdiction of the Commission.

No 1546.

April 17, 1908.

C. L. Long & Son, vs. *C., M. & St. P. Ry. Co.*
Sun Prairie, Wis.

ALLEGED OVERCHARGE.

The complaint herein related to a charge made by the above named railway company on a shipment of merchandise from Chicago to Sun Prairie. The shipment related to interstate commerce, and as such was outside the jurisdiction of the Commission, but the charges were investigated and found to have been in accordance with the tariff rate on file in this department.

No. 1547.

April 17, 1908.

Girard Lumber Co., vs. *C., M. & St. P. Ry. Co.*
Dunbar, Wis.

ALLEGED OVERCHARGE.

The complaint herein related to an alleged overcharge on two carloads of lumber, shipped from Dunbar to Juda and Avalon.

Held: That the matter is one over which this Commission has no jurisdiction and appeal should be made to the courts.

No. 1548.

April 13, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

WRONG ROUTING.

The railway company applied to this Commission for authority to make a refund on a portion of the amount charged on a shipment of 912 lbs. of Hercules powder, by the E. A. Dupont-

Demeours Powder Co., from Barkesdale to Loyal, on May 26, 1906. It appeared that the routing directions were not given and the shipment moved by one route carrying a higher rate than it would have been charged if it had moved over another route.

Applicant was referred to the decision *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300, holding that, when routing directions were not given, it was the duty of the carrier to transport the consignment over the route offering the lowest rate.

No. 1549.

April 20, 1908.

Puffer-Hubbard Manufacturing Co. vs. C., St. P., M. & O. Ry. Minneapolis, Minn. Co.

CLAIM FOR ALLEGED OVERCHARGE.

The complaint herein related to a shipment of logs and bolts from Hatches Spur to Holcombe, relating to which the complainant alleged that the officials of the railway company had promised it, that a rate of \$5.00 per car on bolts, and \$6.00 per car on logs would be maintained, but that, when the tariff was put into effect, Hatches Spur, by an error, was omitted from the list of stations to which the rate applied. During the month of April, 1907, a large number of cars of logs and bolts were shipped and were assessed at the rate of 3.3 cts. per cwt., which was in excess of the rate at \$5.00 per car on bolts and \$6.00 per car on logs, and complainant asked that the railway company be permitted to refund the amount of the overcharge.

Held: The claim not having been filed with this office within six months, under the provisions of sec. 1797—37m, Laws of 1907, this Commission has no jurisdiction to authorize a refund.

No. 1550.

April 22, 1908.

Minneapolis, St. Paul, & Sault Ste. Marie Ry. Co.

EMERGENCY TARIFF.

Application for authority to publish, effective immediately, a rate of \$3.00 per car on forest products, from points on the Knox Mills branch to Brandtwood.

Application approved.

No. 1551.

April 21, 1908.

Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

REFUNDS.

In the above entitled matter the railway company advised the Commission that a tariff was published to take effect Feb. 15. That from Feb. 8 to 14, inclusive, certain shipments were made by shippers believing the rate to be in effect, and authority was asked to accept the freight on the basis of the tariff in question.

Held: The only remedy which the statute offers is sec. 1797—37m, Laws of 1907, which will require the shipper to pay the rate in full, and then file a complaint with this Commission, alleging that the charges were excessive and unreasonable.

No. 1552.

In re Wisconsin Central Ry. Co.

Formal complaint filed *in re Trostel Brothers v. W. C. Ry. Co.* See page 136.

No. 1553.

April 15, 1908.

*C. J. Hughm,**vs.**C. & N. W. Ry. Co.**Clintonville, Wis.*

ALLEGED EXCESSIVE RATES.

The complainant herein alleged that the above named railway company charges a rate on hard coal of \$1.30 per ton from Green Bay to Clintonville. That Clintonville is sixteen miles from Shawano, and that the rate charged by the same company from Green Bay to Shawano is 75 cts. per ton. That the railroad company charges an excessive rate on lime between Black Creek and Clintonville.

The matter was submitted to the officials of the railway company, who replied that, by an error in the tariff, the rate on hard coal from Green Bay to Shawano was fixed at 75 cts. per ton, when it should have been \$1.00 per ton. That the rates on lime, from Black Creek to Clintonville, are joint rates, and that an effort would be made to have the Green Bay & Western consent to a rate of 7 cts. instead of 10 cts., as now charged.

No. 1554.

April 20, 1908.

Wisconsin Central Ry. Co.

EMERGENCY RATES.

Application for authority to put into immediate effect a rate of 7½ cts per 100 lbs. on lumber, carloads, from Crandon to Wausau.

Application approved.

No. 1555.

April 22, 1908.

D. T. Gilman, vs. *Plymouth, Wis.*

C. & N. W. Ry. Co.

CLAIMS.

Complainant herein alleged the loss of a tool chest from the station at Plymouth.

The matter was submitted to the officials of the railway company, who promptly paid the claim.

No. 1556.

April 23, 1908.

Kiel Wooden Ware Co., vs. *Kiel, Wis.*

C., M. & St. P. Ry. Co.

CLAIMS.

Complainant alleged that it shipped certain logs from points in northern Wisconsin and Michigan over the line of the above named railway to Kiel, and that in August, 1907, the tariff had been changed, increasing the rate. That no copy of this tariff had been filed in the local office at Kiel, and that the company insists that it pay the amount of undercharge on shipments from the time the alleged tariff took effect, and contended that the rate did not come into effect until ten days after the tariff had been filed in the office of the company at Kiel.

The matter was taken up informally with the officials of the company, who informed the Commission that it would settle the claim if complainant would file same.

No. 1557.

April 25, 1908.

G. A. Woodward, vs. *Delavan, Wis.*

C., M. & St. P. Ry. Co.

FAILURE OF CONNECTIONS.

The complainant herein alleged that he purchased a ticket

at Delavan to Portage, on a train leaving Delavan at 5:40 p. m., and was advised by the agent that the train would make connections at Bardwell. That when he reached Bardwell the train had gone, and he was compelled to wait sixteen hours before he could proceed.

The matter was taken up with the officials of the railway company, who stated that the train from Delavan was 40 minutes late, and as the train going toward Portage had important connections to make, the train dispatcher allowed it to proceed without waiting for the Bardwell connection. The agent at Delavan denied having assured complainant that the connection would be made at Bardwell.

No. 1558.

April 27, 1908.

W. L. Jaffe, vs. *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

LIGHT ON TRAIN.

Complaint herein was to the effect that the smoking room on passenger train, leaving Madison at 5:55 p. m. for Milwaukee, was insufficiently lighted.

The matter was referred to the officials of the railway company, who advised that the cars complained of had been replaced with other cars with more and better light.

No. 1559.

April 23, 1908.

Standard Lime & Stone Co., vs. *C., M. & St. P. Ry. Co.*
Fond du Lac, Wis.

CLAIMS.

The complainant herein alleged an overcharge on a shipment of lime, from Fond du Lac to Knowles.

The amount charged was investigated, and it was found that it was based upon the regular published tariff rates. The complainant was advised of the provisions of sec. 1797—37m, giving this Commission authority to order a refund in certain cases.

No. 1560.

April 23, 1908.

The Standard Lime & Stone Co., vs. C., M. & St. P. Ry. Co.
Fond du Lac, Wis.

RATES ON LIME.

The above entitled matter related to a claim for an alleged overcharge on a car of lime shipped from Knowles over the line of the above named railway company to Fond du Lac, and from Fond du Lac, by way of the C. & N. W. Ry. Co. and the C., St. P., M. & O. Ry. Co., to Osseo, on which a rate of 18 cts. per cwt. was charged.

The tariffs on file in this office indicated that the rate which should have been charged was 16½ cts. per cwt., and complainant was so advised.

No. 1561.

Chippewa Lumber & Boom Co., vs. C., St. P., M. & O. Ry. Co.

Formal complaint filed. See page 136.

No. 1562.

May 1, 1908.

Thos. G. Alvord et al.,
Superior, Wis.

vs.

U. S. Express Co.,
Northern Express Co.

EXPRESS FREE DELIVERY LIMITS.

The complainant and a large number of other persons alleged that the free delivery limits of the city of Superior did not include the district around station A of that city, and that the territory should be included. The matter was informally taken up with the officials of the companies, but no assurances were received from them to the effect that the free delivery limits would be enlarged. Consequently blanks were sent to each of the petitioners, and it was suggested that a formal complaint would give this Commission jurisdiction over the matter, but no formal complaint being received, the matter is closed.

No. 1563.

April 25, 1908.

Sterr & Koch,
Knowles, Wis.

vs.

C., M. & St. P. Ry. Co.

CLAIMS.

The complainant shipped a carload of potatoes from Knowles to Chicago, on which it is alleged there was an undercharge of

\$1.08 for freight. Complainant had settled with consignee and asked the opinion of the Commission concerning the matter.

There was not sufficient information furnished to warrant an expression of opinion and further facts were asked for but not received.

No. 1564.

April 27, 1908.

John Week Lumber Co. vs.
Stevens Point, Wis.

G. B. & W. R. R. Co.
C. & N. W. Ry. Co.

RATES ON LUMBER.

Complaint herein alleged that the above named railway companies were charging a rate of 10 cts. per cwt. on lumber from Stevens Point to Chicago, while the rate to Evanston and Winetka, intermediate stations on the same line, was 11 cts.

An examination of the tariffs on file in this office showed that the regular tariff rate to Chicago to Evanston and Winetka was 10 cts. per cwt.

No. 1565.

May 1, 1908.

Mondovi Advancement Association,
Mondovi, Wis.

RATES ON CORN.

The complaint alleged that the rate on corn from corn-producing territory in the west to Mondovi was in excess of the rate from those points to Eau Claire. Complainant was advised that, while the files of interstate commerce tariffs in this office are not complete, the indications are that the rates to Mondovi are the same as to Eau Claire.

No. 1566.

April 28, 1908.

Isaacson & Newald,
Newald, Wis.

RATES ON LUMBER.

The complainants herein alleged that the rate on lumber, from Newald to Gillett, was 9½ cts., while the rate from Newald to St. Paul and Minneapolis was 10 cts., and the distance much greater. The tariffs on file in this office indicated that the rate from Newald to Gillett was 9 cts. instead of 9½ cts., and complainant was so advised.

No. 1567.

April 29, 1908.

Northwestern Freight Adjustment Co., vs. G. B. & W. R. R. Co.
Oshkosh, Wis. *C. & N. W. Ry. Co.*

RATES.

Inquiring whether tariff showing fifth class rate of 11 cts., between Sheboygan and Stevens Point by way of New London and Green Bay & Western R. R. Co., and also supplement No. 11 to the same tariff covering long and short haul, would not reasonably cover the rates on vinegar from Plymouth to Stevens Point, by way of the said roads.

Held: The Sheboygan rate applies by way of Manitowoc and New London, the shortest route, and Plymouth would not be intermediate.

No. 1568.

April 29, 1908.

John Bushey, *vs.* *C. & N. W. Ry. Co.*
Hackley, Wis.

CLAIMS.

Complainant alleged that certain goods consigned to him at Hackley had been lost at the hands of the railway company. The matter was taken up with the officers of the railway company, who stated that if complainant would furnish an itemized bill of his claim and copy of the original receipt for the shipments, the matter would be promptly adjusted.

No. 1569.

April 30, 1908.

City of Menasha, *vs.* *C., M. & St. P. Ry. Co.*
C. & N. W. Ry. Co.

ALLEGED DANGEROUS CROSSINGS.

Officials of the above named city addressed Hon. J. O. Davidson, governor, complaining that in the city of Menasha eight streets cross the tracks of the above named railways at grade; that but two of these streets are supplied with flagmen, and that there are six crossings wholly unprotected, and that within the past few years a number of persons have been killed thereon, and asking the assistance of the state to compel the railway companies to maintain crossing gates or watchmen at these crossings.

Held: That subdivision d, sec. 12, ch. 362, Laws of 1905,

as amended, provides, in effect, that whenever a complaint is lodged with the Railroad Commission by the common council of any city, to the effect that a public highway and a railway cross one another in such city at the same level and that such grade crossing is unsafe and dangerous to travelers, it shall be the duty of the Commission to give notice to the railroad company in interest and furnish the company with a copy of the complaint and order a hearing thereon; if on such hearing it shall appear, to the satisfaction of the Commission, that the crossing is unsafe and dangerous to human life, the Commission may order the company to erect gates at the crossing or station a flagman there, or order such other suitable device as it shall determine the better security of human life and the public travel requires, and the railroad company is compelled to comply with the order.

Copies of the blanks were furnished complainant, but no formal complaint was filed. See *City of La Crosse v. C., M. & St. P. Ry. Co. et al.*, informal case No. 1400.

No. 1570.

April 30, 1908.

L. E. Lum,

vs.

American Express Co.

Superior, Wis.

ALLEGED OVERCHARGE.

Complaint herein related to a charge for transporting two canoes from Duluth, Minn., to Solon Springs, Wis.

Complainant was advised that the matter related to interstate commerce, and as such was outside the jurisdiction of the Commission.

No. 1571.

May, 2, 1908.

J. J. McGillivray,

vs.

C., St. P., M. & O. Ry. Co.

Black River Falls, Wis.

ALLEGED VIOLATION OF CONTRACTS.

The complainant, mayor of Black River Falls, Wis., alleged that the C., St. P., M. & O. Ry. Co. has constructed a cut-off, by which Black River Falls is left off the main line of the railway, a distance of some miles, and that the railway com-

pany is conducting the main business of its road over the line of the cut-off, and that when the present railroad, known as the C., St. P., M. & O. Ry., was constructed through Jackson county, the county contributed bonds to the amount of \$50,000, and that he was informed and believed that the company entered into a stipulation that the route should be at no time changed, and asked for an opinion of the Commission as to the law bearing thereon. The matter was submitted to the officials of the company, who stated that they had no record of any such contract having been made; that the present owners of the road had no connection with or interest in it at the time the contract is alleged to have been made.

From the investigation it appears, that while the Commission does not know the date on which the alleged contract was made, it is probable that the provisions of the Statutes of 1878 were in effect at the time. Sec. 945 of said statutes provides that such contract, or written proposition, shall be filed with the county, town or village clerk, and transcribed in the proper record, and if such contract was made, it should be on file in that place; that the original road was the Tomah and Lake St. Croix, incorporated under ch. 243, Private and Local Laws of 1863. That sec. 5 of said chapter provides that the company shall, "locate, construct, * * * alter, change the location of, reconstruct, * * * and operate a railroad * * * out of the town of Tomah, by way of Black River Falls * * * to Lake St. Croix." That on Aug. 23, 1867, the name of the company was changed to the West Wisconsin Railway Company, and on May 2, 1878, it was deeded to the Chicago, St. Paul & Minneapolis Railway Company; that on May 25, 1880, it was consolidated with the Northern Wisconsin Railway Company, under the name of the Chicago, St. Paul, Minneapolis & Omaha Railway Company; that it is probable a construction could be placed upon sec. 5, compelling the company to construct its line through Black River Falls. This having been done, and there being no provision indicating what train service Black River Falls should receive, the construction and operation of the cut-off is within the rights of the company.

No. 1572.

April 30, 1908.

Shirley Roman,
Oxford, Wis.

vs.

C., M. & St. P. Ry. Co.

ALLEGED OVERCHARGE.

Complainant herein alleged that he had shipped a carload of emigrant movables from Shaffton, Iowa, to Kilbourn, Wis., that he had prepaid the freight, \$26.20, had been called upon at Kilbourn to pay an additional \$7.34, and had paid it, and was subsequently presented with a third bill for \$12.54, which he declined to pay, believing that he had paid the freight in full twice before. Upon investigation it appeared that the charge aggregating \$33.54 was correct according to the published rates, but that the agent at point of consignment had quoted an erroneous rate, for which the company could not be held. The reason for the subsequent bill for \$12.54 was not clear, and complainant was asked to furnish additional information which he might obtain from the agent.

No. 1573.

May 2, 1908.

Aluminum Manufacturing Co.,
Two Rivers, Wis.

ALLEGED OVERCHARGE.

Complainant herein alleged that it had received an empty storage tank for oil, weight about 6,000 lbs., billed at 24,000 and rate 17½ cts., the charge being \$42.00. This charge, complainant submitted, was excessive. The shipment moved from Whiting, Ind., to Two Rivers, Wis. Such information as the Commission could furnish with the data at hand was supplied to the complainant, and request was made for additional and more exact description of the tank, so that complete investigation might be made.

No. 1574.

May 2, 1908.

United States Sugar Company,
Milwaukee, Wis.

RATES.

Asking whether there is any joint tariff on shipments of sugar beets from Cambridge to Madison.

Complainant was advised that there was no joint rate in ef-

feet, the rate being made up from two local rates, one from Cambridge to London, and one from London to Madison.

No. 1575.
Britton Cooperae Co., vs. *C., M. & St. P. Ry. Co.*
 Formal complaint filed.

No. 1576. May 6, 1908.
Pick Brothers Co.
West Bend, Wis.

RATES.

Asking for a tabulation showing the freight charges on vinegar in carloads between Milwaukee, Cedarburg, Port Washington and Schleisingerville, and on goods in less than carloads between Chicago and the same stations.

Tabulation was prepared and furnished to complainant.

No. 1577. May 6, 1908.
J. B. Ryan,
Milwaukee, Wis.

YARD LIMITS.

The complainant herein asked to be advised what constituted yard limits within the meaning of sec. 109h, page 402, Laws of 1907.

Complainant was advised that the question of yard limits was discussed at length in *Osceola Mills & Elevator Co. v. M., St. P. & S. S. M. R. Co.* 1 W. R. C. R. 204 and 608.

No. 1578. May 6, 1908.
J. J. Reardon, vs. *M., St. P. & S. S. M. Ry. Co.*
Rhineland, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

The complaint herein related to the minimum charge on single shipments of freight, between St. Paul and points on the above named railway's line.

The complainant was advised that the matter was outside of the jurisdiction of this Commission, and that a rule of the com-

pany provided for a minimum based upon a charge on 100 lbs. of the class of commodity rate to which the shipment belongs, and in no case less than 25 cts.

No. 1579.		May 6, 1908.
<i>Lindsey Brothers,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.,</i>
<i>Milwaukee, Wis.</i>		<i>G. B. & W. R. R. Co.</i>

CLAIMS.

The above entitled matter related to a claim for an overcharge for a carload shipment of binding twine, from Milwaukee to Arcadia.

The shipment having been made before this Commission was organized, it was consequently outside of its jurisdiction, and as it involved a question of its classification, no informal opinion on the subject could be expressed.

No. 1580.		May 9, 1908.
<i>W. G. Knox,</i>	<i>vs.</i>	<i>C., St. P., M. & O. Ry. Co.</i>
<i>Lancaster, Wis.</i>		

INTERSTATE SHIPMENTS.

The above entitled matter related to the shipment of a carload of machinery from Charles City, Iowa, to Dickinson, N. D.

The matter was outside of the jurisdiction of this Commission and complainant was so advised.

No. 1581.		May 6, 1908.
<i>J. A. Richards,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>Durand, Wis.</i>		

RATES.

Complaining that the rates to Durand are higher than to Eau Claire, citing those on coal and lime.

Complainant was advised that the rates on coal from Durand and Eau Claire were the same. See *Noble v. S., St. P., M. & O. Ry. Co.* 1 W. R. C. R. 767, decided July 31, 1907, in which the rate on coal from Superior to Eau Claire was reduced.

No. 1582.

May 9, 1908.

*Standard Mercantile Co.,
Tomahawk, Wis.*

RATES.

Complaining that the rate on shoes from Endicott, N. Y., to Tomahawk is 95 cts. per cwt., while the rate from Tomahawk to Endicott is \$1.20 per cwt.

Complainant was advised that the rates in question were correct according to the tariffs on file in this office. That from Endicott to Tomahawk there is a through rate, while there is no through rate in the opposite direction, the rate being made up of the sum of local rates, and consequently is higher.

No. 1583.

May 11, 1908.

*Green Bay Specialty Co.,
Green Bay, Wis.*

vs.

C. & N. W. Ry. Co.

CLAIMS.

Complainant alleged that a commercial traveler in its employ, although arriving at the railway station 15 minutes before the train left, was unable to have his baggage checked, whereby the complainant suffered a financial loss. The matter was referred to the officials of the company who replied that, while admitting the facts and the possible negligence of their agent, they denied that there was any damage, for the baggage reached its destination early enough so that no damage resulted.

The complainant was informed that this Commission had no jurisdiction to compel companies to reimburse it for its loss.

No. 1584.

May 9, 1908.

*G. H. Benkendorf,
Madison, Wis.*

RATES.

Complainant asked to be advised as to the correct rate on cream from Verona to Madison.

The matter was investigated and he was informed that the rate was 15 cts. per 15-gallon can.

No. 1585.

Frederick L. Gross,

vs.

C., M. & St. P. Ry. Co.

Formal complaint filed.

No. 1586. May 9, 1908.
F. R. Pollard, *vs.* *W. C. Ry. Co.*
Marshfield, Wis.

LUMBER RATES.

Complaining of the regulations of the above named railway company governing assessment of charges on lumber shipped subject to stoppage in transit for milling, by which the full amount of two locals is charged and a refund of 1 ct. per cwt. allowed, resulting in alleged unreasonable delays in making the refund.

Held: That the matter complained of is under the jurisdiction of the Commission, and advising that a formal complaint would be required to give the Commission jurisdiction.

No. 1587.
New Richmond Roller Mills Co. vs. C., St. P., M. & O. Ry. Co.
 Formal complaint filed. See page 140.

No. 1588. May 11, 1908.
Hickey Brothers, *vs.* *C. & N. W. Ry. Co.*
Reedsburg, Wis.

TRANSPORTATION WITH LIVE STOCK.

Complainants allege that they shipped five cars of stock, three to Cudahy and two to Chicago, and were entitled to a pass for the attendant in charge. That the freight train carrying the stock left nine minutes in advance of schedule time, and complainant was compelled to pay fare on a passenger train and was not given a return pass. Asking for the rule governing.

Held: The tariffs on file in this office authorize free transportation to attendants of live stock, reading as follows:

“The intent of the above rule is that parties to whom transportation is furnished shall accompany the live stock. It will not be permissible to transport such on passenger trains either ahead of or behind the live stock.”

Other facts were asked for, but not furnished by complainant.

No. 1589. May 14, 1908.
W. H. Briggs, *vs.* *C. & N. W. Ry. Co.*
Glenbeulah, Wis.

CLAIMS.

The complainant herein alleged a shipment of household goods

from Sioux City, Iowa, to Glenbeulah, Wis., over the line of the above named railroad, which shipment was released, and the carrier's liability was limited to \$5 per 100 lbs. in case of loss or damage, and was receipted for, but the charges were assessed without reference to the release. Complaint was filed and declined by the company.

The matter was referred informally to the proper officials of the railway company, together with a statement of the Commission's deduction from the tariffs on file in this office, and in reply the Commission was informed that the shipment was properly released and the complainant was entitled to the amount of his claim.

No. 1590.

Charles Shong & Son, vs. Stanley, Merrill & Phillips Ry. Co.

Formal complaint filed. See p. 98.

No. 1591.

*C. D. Clark Lumber Co.,
Merrill, Wis.*

vs.

May 6, 1908.

W. C. Ry. Co.

RATES ON BARK.

The complainant alleged overcharges on shipments of a number of cars of bark, from certain points on the Gleason branch of the above named railway to Kenosha.

The matter was investigated and complainant was advised, that the tariff on which it based its claim was cancelled before the shipments in question were made.

No. 1592.

Erland Elbertson,

vs.

C., M. & St. P. Ry. Co.

Formal complaint filed. See p. 138.

No. 1593.

*Davis Brothers Cheese Co.,
Plymouth, Wis.*

vs.

*C. & N. W. Ry. Co.,
C., M. & St. P. Ry. Co.*

CHEESE CONCENTRATION RATES.

Complaining that the new classification of the above named railway companies on concentration of cheese to Plymouth is

based on mileage, and that this results in an advance of the rates on cheese.

Complainant was advised that a formal complaint would be necessary, but the matter was taken up with the traffic officials of the C. & N. W. Ry. Co., who advised the Commission that it had not canceled its concentration rates on cheese, but had issued, effective June 1, a tariff which had the effect of establishing a general rate throughout the state, on a basis of the rates fixed by the Commission in its order *in re Southern Wisconsin Cheese Men's Association v. C., St. P., M. & O. Ry. Co. et al.* 1 W. R. C. R. 143.

No. 1594.

May 16, 1908.

Standard Lime & Stone Co., vs. C., St. P. M. & O. Ry. Co.
Fond du Lac, Wis.

CLAIMS.

The complainant, by its attorney, Western Freight Adjustment Co., filed with this Commission claim papers relating to a shipment of lime and cement from Oakfield to Howard, claiming that the shipment should have moved on a minimum of 24,000 lbs., or an actual weight of 25,200 lbs., but that they were charged a minimum of 30,000 lbs.

The matter was taken up informally with the officials of the railway company, and it resulted in a settlement being made on the basis recommended by the Commission.

No. 1595.

May 18, 1908.

W. J. Scott,
Rio, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on one stallion, shipped from Rio, Wis., to Cummings, N. Dak.

Complainant was advised that the matter related to interstate commerce and as such was outside the jurisdiction of this Commission, but the tariffs on file in this office were investigated and it was found that the complainant was charged according to the legally published tariffs, and he was so informed.

No. 1596. May 18, 1908.
H. C. Craig, *vs.* *C., M. & St. P. Ry. Co.*
Boscobel, Wis.

OPENING TRAINS AT CROSSINGS.

Complainant alleged that the train crews of the above named railway company in Boscobel, "habitually disregard public safety by invariably uncoupling trains and pulling ahead, at common crossings, just far enough to permit the passing of teams. Pedestrians are obliged to go into the middle of the road to pass between the cars, the sidewalk being blocked."

The matter was taken up with the officials of the company, who advised the Commission that its superintendent had issued strict orders, that no excuse would be taken from trainmen for improperly opening such crossings, and that the agent at Boscobel had been instructed to watch the matter closely and report any violations of the order.

No. 1597. May 19, 1908.
City of Watertown, *vs.* *C., M. & St. P. Ry. Co.*

RATES.

The attorney for the complainant informed the Commission that it had been making extensive improvements on its streets, using quantities of crushed stone, which had been delivered at freight charges of 1 ct. per cwt., and that the officials of the railway company had informed its representatives that the rate should be 2 cts., because the Railroad Commission would not permit a lower rate to be charged. Complainant was informed that municipalities are exempted from the provisions of the Railroad Commission Law, and railways may charge them such rates as they may agree upon; so long as the rates are not in excess of the regularly published tariff rates.

No. 1598. May 20, 1908.
I. F. Dott, Village President, *vs.* *C., M. & St. P. Ry. Co.*
Sun Prairie, Wis.

ALLEGED DANGEROUS CROSSING.

Complainant alleged that a crossing in the village of Sun Prairie was dangerous, and asked the Commission to intercede with the railway company to secure safety devices.

The matter was taken up with the officials of the company, who advised the Commission that alarm bells had been put in and other improvements had been made.

No. 1599:

May 21, 1908.

I. F. Posey, vs. *C., M. & St. P. Ry. Co.*
Steuben, Wis.

MAINTENANCE OF FENCES.

Complainant herein alleged that the right of way fences along the line of the above named railway company's road near Steuben were in bad order.

The matter was taken up with the officials of the company, who advised the Commission that thorough repairs had been ordered on the fences complained of.

No. 1600.

May 22, 1908.

Chicago, & North Western Ry. Co.

ALLEGED THEFT FROM FREIGHT SHIPMENTS.

Certain persons residing twenty miles inland from a station on the above named railway alleged that certain packages belonging to them had been broken open and a portion of the contents taken. In order that the matter might be thoroughly investigated, the Commission sent a representative to ascertain the facts in regard thereto. The representative reported, in substance, that the commodities were delivered by the railway company to draymen, who, for a consideration, transported the goods from the railway to the village, where the several places of the complainants were located; that the loads generally spent one night on the road, and when they arrived at destination they had not been inspected, but when in the course of business the packages were opened, it had been discovered that a portion of the contents were missing. Complainants had no record showing to what shipments the broken packages belonged, and there was no claim that the packages were known to be broken when they were delivered by the railway company to the draymen. Complainants advised the Commission that since its investigation had begun, the pilferings had stopped.

No. 1601.

May 22, 1908.

Wisconsin & Northern Ry. Co.

EMERGENCY TARIFF.

Asking for authority to put into immediate effect a rate of 3½ cts. per cwt. on lumber, Shawano to Neopit.

The application was approved.

No. 1602.

May 19, 1908.

*M. Frankel,**Eagle River, Wis.*

OVERCHARGE.

Complainant herein submitted a freight bill for a box of goods shipped from Menominee, Mich., to Eagle River, and asked whether there had no been an overcharge.. An examination of the tariffs was made, and it was found that complainant had been overcharged 55 cts., and he was so advised.

No. 1603.

May 23, 1908.

*W. N. Knauf,**Chilton, Wis.*

RATES.

Complainant herein asked to be advised concerning the rates charged by Wisconsin railways on stone or gravel, between points in Wisconsin. A tabulation of such rates was made and furnished him.

No. 1604.

May 23, 1908.

B. D. Baker,

vs.

*C. & N. W. Ry. Co.**Janesville, Wis.*

REDEMPTION OF FAMILY TICKET.

Complainant alleged that he had purchased from the above named railway company a 500-mile family ticket, for which he paid \$10, a portion of which being still unused, he had presented it to the agent at Janesville for redemption, which was refused.

The matter was taken up with the officials of the company, who instructed the agent to see complainant and adjust the

matter. This was done and the Commission was informed that the matter had been adjusted to the satisfaction of complainant.

No. 1605.

May 25, 1908.

Hanson Brothers,
Scandinavia, Wis.

ALLEGED OVERCHARGE.

Complainant submitted to the Commission an expense bill relating to a shipment of miscellaneous articles, among which was one keg of powder, weighing 20 lbs., shipped from Green Bay to Scandinavia, on which the freight charge was 64 cts., and asked whether or not there had been an overcharge.

He was advised that by the legally published tariff the charge on high explosives in Wisconsin is the rate on 100 lbs., and the charge per cwt. from Green Bay to Scandinavia on powder is 64 cts.

No. 1606.

May 25, 1908.

Antigo Manufacturing Co., *vs.* *C. & N. W. Ry. Co.*
Antigo, Wis.

ALLEGED OVERCHARGE.

The complaint herein related to the charge made by the above named railway company for transporting broom handles in earloads from Antigo to Minneapolis.

Complainant was advised that the matter complained of related to interstate commerce, and as such was outside the jurisdiction of the Commission, but it was taken up with the officials of the railway company, who advised the Commission that, under the rulings of the interstate commerce commission, they would not be permitted to make a refund, of which the complainant was advised, and the papers returned to him.

No. 1607.

May 25, 1908.

G. A. Krueger & Son, *vs.* *American Express Co.*
Neshkoro, Wis.

ALLEGED EXCESSIVE RATES.

Complaint related to the charge made by the above named company in transporting dressed veal from Neshkoro to Chicago and Milwaukee.

Complainants were advised that the complaint, so far as it concerned shipments to Chicago, related to interstate traffic and as such was outside the jurisdiction of this Commission; but that the rate charged from Neshkoro to Milwaukee was based upon the published tariff rates of the company, and therefore was the legal rate; that if the complainants believed the rates to be excessive, they could file a formal complaint and the matter would be investigated and an order made in accordance with the law and facts. The matter was taken up informally with the officials of the company, who contended that the charge was a reasonable one and declined to put into effect a lower tariff between the points in question, of which complainants were advised.

No. 1608.
Upham & Agler,
Chicago, Ill.

May 25, 1908.

CLAIMS.

The complaint herein related to a carload shipment of lumber from Wittenberg to Oshkosh, complainants alleging that the shipment was a reconsignment of a former shipment and that the total rate should be the through rate from Wittenberg to Moline, Ill., plus \$2.00 for the reconsignment.

Complainants were advised that, under their statement, the shipment became an interstate shipment and should be referred to the interstate commerce commission, and the claim papers were returned to them.

No. 1609.
E. Hawarden,
Superior, Wis.

vs.

May 27, 1908.
N. P. Ry. Co.

STATION TELEPHONE SERVICE.

Complainant herein alleged that the Peoples Telephone Co. of Superior was furnishing him with telephone service; that when he called up the office of the Northern Pacific Ry. Co. in Superior, the officials of that company refused to answer his telephone calls.

The principle involved in the above entitled matter was disposed of in the decision of this Commission *in re Peoples Telephone Co. v. G. N. Ry. Co.* et al. See p. 117.

No. 1610.

May 26, 1908.

J. A. Landsinger,
Wonevoc, Wis.

See *in re C. & N. W. Ry.*, informal case No. 1600. The complaint herein related to the same matter as in the case above referred to, and the two questions were investigated together.

No. 1611.

May 27, 1908.

Mauseth & Roe,
Cameron, Wis.

 MINIMUM CHARGE ON SINGLE SHIPMENTS.

Complaint was made regarding a charge of 65 cts. on a pair of carpet cushions, weighing 20 lbs., shipped from Chicago to Cameron. Complainants were informed that the matter related to interstate commerce and as such was outside the jurisdiction of the Commission; that the charge was based on the legally published tariffs in effect at the time.

No. 1612.

May 27, 1908.

Gehl Brothers Manufacturing Co.,
West Bend, Wis.

 RATES.

The complainant asked to be furnished with carload rates on ensilage cutters from West Bend to Sauk City, and also the rate on ensilage cutters from West Bend to Madison by the C. & N. W. Ry., and from Madison to Sauk City by the C., M. & St. P. Ry. Co. This information was furnished.

No. 1613.

May 27, 1908.

International Salt Co.,
Chicago, Ill.

vs.

W. C. Ry. Co.

 CLAIMS.

The above entitled matter related to a claim for overcharge on a shipment of salt, alleged to have been shipped from Milwaukee to Mellen. An examination of the papers submitted indicated that the shipment was a through shipment, originating east of Lake Michigan, and as such was outside the jurisdiction of the Commission. The complainant was so informed and its papers returned.

No. 1614. May 30, 1908.
C. G. Sterm, *vs.* *C., M. & St. P. Ry. Co.*
Knowlton, Wis.

MAINTENANCE OF FENCES.

Complainant herein alleged that the fences along the right of way of the above named company near Knowlton were out of repair. The matter was taken up with the officials of the company, who stated that posts and wire had been ordered and the repairs would be made at once, and complainant was so informed.

No. 1615. June 5, 1908.
Peerless Mineral Spring Co.,
Fox Lake, Wis.

TELEGRAPH SERVICE.

The above entitled matter related to the telephone service furnished by the Western Union Telegraph Co. at Randolph, and the complaint alleged that the operator at that point refused to take a telegram which complainant offered over the telephone. The matter was taken up with the officials of the company, who advised the Commission that an investigation showed that, when the message was offered, the telephone was not working properly, but that the operator had been instructed to receive telegrams over the telephone in the future.

No. 1616. May 28, 1908.
Curtis & Yale Co.,
Wausau, Wis.

ALLEGED OVERCHARGE.

The complaint herein related to an alleged overcharge on a shipment of sashes and doors from Wausau to Spooner.

The matter was taken up with the officials of the railway company, who advised the Commission that they would investigate the matter and report.

No. 1617. May 29, 1908.
W. P. Massuere Co. *vs.* *G. B. & W. R. R. Co.*
Arcadia, Wis.

ALLEGED INADEQUATE SERVICE.

The complaint herein alleged that the way freight service on

the line of the above named railway company was insufficient. The matter was taken up with the officials of the company, who asked to have complainant furnish freight bills, so that data might be had on which to base a thorough investigation of the matter. A copy of this letter was sent to complainant, but no other information was offered.

No. 1618.

May 29, 1908.

Chicago & North Western Ry. Co.

ALLEGED OVERCHARGE.

The above named railway company submitted papers in a claim filed with it by Brittingham & Young, alleging an overcharge on a car of lumber shipped from Hiles, a station on the line of the C. & N. W. Ry. Co., to Darlington, a station on the line of the C., M. & St. P. Ry. Co. No routing directions were given by the shipper, and there was no joint rate in effect on the commodity between the points in question. The agent billed the car to Janesville at a rate of 11½ cts., and from that point it moved to destination on a rate of 9½ cts., making a through rate of 21 cts. per cwt. It appeared that the C., M. & St. P. Ry. had a rate of 12 cts. per cwt. from Wausau to Darlington, and that the C. & N. W. Ry. Co. had a rate of 7½ cts. from Hiles to Wausau, making a through rate of 19½ cts. per cwt., as against 21 cts. by the route over which the shipment moved, and asked whether under these circumstances a refund would be justified.

Held: That under a formal opinion of this Commission *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300, it is the duty of the carrier, in the absence of specific directions, to so route the car that it will move on the lowest combination of rates.

No. 1619.

June 1, 1908.

S. W. Beggs,

Crandon, Wis.

RATES ON LOGS.

Complainant advised the Commission that the C. & N. W. Ry. was about to advance its lumber rate on logs from a certain siding point on the Pelican branch to Crandon, a distance of seven miles, from \$4.75 per car to \$9.75 per car.

The complainant was advised that the railway company could make such changes in its tariffs as it wished, and that, if complainant believed the rates to be excessive, he could make complaint to this Commission to that effect.

No. 1620.		June 2, 1908.
<i>Theodore Thompson,</i>	vs.	<i>W. C. Ry. Co.</i>
<i>Curtiss, Wis.</i>		

RIGHT OF WAY RENTAL.

The complainant herein alleged that the Wisconsin Central Ry. Co. charged him \$1.00 per annum for a right of way over its railway track near Curtiss.

The matter was submitted to the officials of the railway company, who advised the Commission that their custom was to charge a uniform rate for telephone wires crossing their right of way, that their purpose was to prevent anyone from obtaining rights in or over their line, and complainant was so advised.

No. 1621.		April 14, 1908.
<i>Edwards Bros. et al.,</i>	vs.	<i>C., M. & St. P. Ry. Co.</i>
<i>McFarland, Wis.</i>		

STATION TELEPHONES.

Complainants alleged that the railway company would not furnish telephone service at its station in the village of McFarland, and that they had been paying the rental, and asked to have the Commission make an order in the matter. They were advised of the provisions of ch. 614, Laws of 1907, giving this Commission jurisdiction to order telephone service in railway stations, and blanks for complaint were sent them. The attention of complainants was also called to finding 3 of the decision of the Commission *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 543, which reads, in part, as follows:

“It is permissible for telephone companies desiring, for the benefit of their subscribers, to have connections with such railway station, to place a ‘pay telephone’ into the same. Under these conditions all subscribers of the telephone company in question can call up the station free of charge, but messages sent from the station to subscribers must be paid for, except that railway agents may convey official messages through such telephones without charge.”

This evidently offered a satisfactory solution, as nothing further was heard from the matter.

No. 1622.

June 2, 1908.

*Geo. W. Ellis,**East Shoreham, Vt.*

ERRONEOUS QUOTATION BY AGENT.

The agent at the shipping point quoted a wrong rate on emigrant movables from Berlin, Wis., to East Shoreham, Vt., with the result that shipper had to pay an additional amount at destination, which could have been saved had he known the correct rate at the time of shipment.

Complainant was advised that the published rate is the legal rate, and that a misquotation by the agent does not make the company liable. The matter was outside the jurisdiction of the Commission and complainant was so informed.

No. 1623.

June 6, 1908.

*Myron W. Ross,**Hollandale, Wis.*

RATES ON LUMBER.

The complaint herein related to a shipment of lumber from Snyder, Wis., to Hollandale. The shipment was routed by way of Madison, care of the Illinois Central Ry., from Madison to Freeport, Ill., and from Freeport to Hollandale.

Complainant was informed that the rate charged was the published tariff rate for the route it traversed, and was asked for some additional facts, but none were furnished.

No. 1624.

S. K. Harrison,

vs.

Dunbar & Wausaukee Ry. Co.

Formal complaint filed. See p. 140.

No. 1625.

June 9, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY TARIFF.

Application for authority to issue, effective at once, a tariff on basis of class "A" rate, minimum 20,000 lbs., which would amount to \$34 per car, River Falls to Hayward, and \$28 per car, Hayward to Superior, on a small carnival outfit playing at River Falls.

Application approved.

No. 1626.

June 6, 1908.

*John Schreiner & Sons,
Lancaster, Wis.*

RATES.

Complainants asked for a statement of rates on sugar from New York to Lancaster.

The matter was referred to the interstate commerce commission, which furnished a memorandum showing the rates in effect, which was sent to complainants.

No. 1627.

June 7, 1908.

W. M. Curtis, vs. *Trevor, Wis.*

W. C. Ry. Co.

ALLEGED IMPASSABLE CROSSING.

Complainant, who is a representative in the assembly from Kenosha county, complained to the Commission that the above named railway company had raised its tracks at a point where a highway, one mile south of Trevor station, crosses, to such an extent that it was difficult, if not impossible, for heavy loads to be carried over them.

The matter was taken up with the officials of the company, but it is not yet disposed of.

No. 1628.

June 9, 1908.

Dr. Frank H. Edsall, vs. *Madison, Wis.*

C., M. & St. P. Ry. Co.

ALLEGED DANGEROUS CROSSINGS.

Complainant alleged two grade crossings of the above named railway company in the eastern limits of the city of Madison to be dangerous.

The matter was taken up with the officials of the company, who advised the Commission that electric crossing signals would be installed, and complainant was so informed.

No. 1629.

June 26, 1908.

*F. J. Colton, Secy. Fire Department,
La Crosse, Wis.*

FREE TRANSPORTATION.

Inquiry as to whether it is legal for a street railway company

to carry, free of charge, policemen and firemen as part payment for a new franchise.

Held: That policemen and firemen are not included in exempt list in sec. 8, ch. 362, Laws of 1905, and it is not apparent how a franchise can be granted, one consideration of which being free transportation for policemen and firemen.

No. 1630.

May 28, 1908.

Village of Fairchild, vs. *C., St. P., M. & O. Ry. Co.*

ALLEGED DANGEROUS CROSSINGS.

Complaint was made to the Commission that certain highway crossings over the tracks of the above named railway company in the village of Fairchild were dangerous.

The matter was taken up with the officials of the company, and, after some conference, electric crossing bells were installed, which was satisfactory to the complainant.

No. 1631.

June 15, 1908.

J. F. Ruch,

Beloit, Wis.

RATES ON WINDOW SCREENS.

Complainant asked why window screens are rated third class in Illinois and first class in Wisconsin. The matter was referred to the officials of the railway companies doing business in Wisconsin, and the explanation offered was to the effect that Wisconsin belongs to the territory subject to the rules of the western classification committee, while in Illinois the rules of the Illinois railroad and warehouse commission are in effect, and these rate window screens third class.

Complainant was informed that if he was dissatisfied with the present classification of the commodity in question, he could file a complaint with the Commission, raising that question.

No. 1632.

June 13, 1908.

Hanson Supply Co., vs. *C., St. P., M & O. Ry. Co.*
Ossco, Wis.

SITE FOR WAREHOUSE.

The complainant herein alleged that the above named railway

company would not furnish it with ground on which to build a warehouse.

The matter was referred to the officials of the railway company, who informed the Commission that they had conferred with the complainant and had made arrangements satisfactory to it.

No. 1633.

June 12, 1908.

James M. Dickens & Co., vs. *C., St. P., M. & O. Ry. Co.,*
Merrillan, Wis. *C., M. & St. P. Ry. Co.*

TRAIN CONNECTIONS.

The complaint herein alleged that the above named railway companies so operated their trains, known respectively as "Omaha No. 4," and "Milwaukee No. 6," that connection was not made at Camp Douglas, and that travelers on the C., St. P., M. & O. Ry. Co., arriving at Camp Douglas and wishing to go east over the C., M. & St. P. Ry., are compelled to lay over at Camp Douglas seven hours.

The matter was taken up with the officials of the company, and after an extended correspondence their schedules were so changed that the trains connected, and no further complaint relating thereto has been received.

No. 1634.

June 12, 1908.

F. H. Witmer et al., vs. *C., M. & St. P. Ry. Co.*
Chicago, Ill.

TRAIN SERVICE.

Complainants alleged they were caused great loss and damage by reason of an unnecessary delay of a passenger train on the above named company's railway, between Brodhead and New Glarus, said delay having been caused by the stopping of the train to unload a quantity of ties along the railway, the ties being carried by the passenger train.

The complaint was taken up with the railway company and the Commission was advised that the carrying of ties on passenger trains was unusual and not customary, but that in the instance complained of, it was due to an emergency, and the company gave assurance that the annoyance would be avoided in the future, all of which was communicated to the complainants.

No. 1635.

June 15, 1908.

H. L. Maxfield, City Attorney, vs. *Janesville Street Ry. Co.*
Janesville, Wis.

REQUEST FOR INJUNCTION.

Complainant herein sought an order restraining the above named railway company from tearing up and abandoning certain of its tracks in the city of Janesville, and was advised that the Commission has no jurisdiction in the matter, and that it would be necessary to refer it to the courts.

No. 1636.

June 1, 1908.

Ed. Kamler,
Superior, Wis.

RATES ON ICE.

Complainant asked regarding rates on ice from Nebagamon to Superior and from Superior to Saunders, he having had a shipment of two carloads and feeling that he had been overcharged.

The Commission made an investigation and advised the complainant that he had been charged the legal published rate, but that, in case of subsequent shipments, it would be well for him to take the matter up with the local agent with a view of obtaining a commodity rate, which would be lower.

No. 1637.

June 17, 1908.

J. O. Melby, vs. *C., M. & St. P. Ry. Co.*
Westby, Wis.

FARMER'S CROSSING.

Complainant herein sought permission of the above named railway company to put in a "farmer's crossing" over the tracks of the company at his farm, about 2½ miles north of Westby.

The matter was taken up with the assistant general superintendent of the company, who advised the Commission that the complainant did not own land on both sides of the track, that his property adjoins a public highway which gives him access in all directions, that the crossing demanded would cost from \$50.00 to \$60.00, and that under the conditions set forth he did

not see any necessity for making another crossing over the tracks of the company. All of this information was conveyed to the complainant.

No. 1638. June 17, 1908.
Strong & Manley, vs. *C. & N. W. Ry. Co.*
Eagle River, Wis.

ALLEGED OVERCHARGE.

Complainant herein alleged an overcharge had been made by the above named railway company on a shipment of 50 lbs. of dynamite, from Grand Rapids to Eagle River. He was advised that the legal rate was double first class rate on 100 lbs., being the minimum charge on small shipments of high explosives, which would amount to 94 cts. and that there had been an overcharge of 18 cts.

No. 1639. June 19, 1908.
Walter J. Heiss, vs. *M., St. P. & S. S. M. Ry. Co.*
Bunyan, Wis.

CLAIMS.

Complainant herein alleged the loss of a shipment of hides on the above named railway, that he had submitted a bill for same to the company and had heard nothing in reply.

The matter was taken up with the company by the Commission, tracing was started and the matter is still in process of adjustment.

No. 1640. June 21, 1908.
Irving P. Lord,
Waupaca, Wis.

PARTY RATES.

Request for information as to whether Waupaca Electric Light & Railway Co. would be authorized to make a discount from the regular rates on a sale of three hundred tickets to the Waupaca Business Men's Advancement Association, to be distributed to delegates to a convention. The request for this information was made by the above as general manager of the railway company.

He was advised that ch. 362, Laws of 1905, provides for the issuance of party tickets at reduced rates, provided the same are sold without discrimination to all persons applying therefor under like circumstances and conditions.

No. 1641.

June 23, 1908.

Irving P. Lord,

Waupaca, Wis.

REDUCED RATES TO CLERGYMEN.

The above Irving P. Lord, as general manager of the Waupaca Electric Light & Railway Co., advised the Commission that occasionally ministers of the gospel ask for the privilege to purchase coupon books at half the regular rates, and the company desired to be informed as to whether the granting of this request would be lawful.

He was advised that sec. 8, ch. 362, Laws of 1905, permits the granting of reduced rates or the giving of free transportation to any minister of the gospel.

No. 1642.

June 21, 1908.

W. M. Morrison,

Athens, Wis.

RATES; ALLEGED OVERCHARGE; DAMAGE IN TRANSIT.

Complainant herein shipped a quantity of household goods from Middle Inlet, Wis., to Athens, Wis., by way of the C., M. & St. P. Ry. and the W. C. Ry., with the understanding that the rate would be 77½ cts. per cwt. The shipment included a buggy and a cutter, and the entire consignment weighed 4,668 lbs. Upon delivery, charge was made, not according to the rates quoted by the agent at point of consignment, but according to classifications, separating the shipment into household goods, buggy, and sleigh. This resulted in a charge of \$45.37 instead of \$34.17, the amount which would have been payable under the erroneous 77½ ct. rate.

Considerable correspondence was had, in which complainant was advised that there was no overcharge, and that in cases where an agent quotes erroneously rates other than the legal

published tariffs, the legal rate is to be followed. Complainant put in a claim of \$20 for a stove which he alleged was ruined in the process of shipment, and this claim was referred to the railroad companies, with the result that they took up the matter and gave assurance that speedy settlement would be made.

No. 1643.

June 25, 1908.

H. R. Gardenier,

1218 Wells St., Milwaukee, Wis.

EXCESS FARE FOR FAILURE TO PURCHASE TICKET.

Complainant herein raised an objection to a rule of several railway companies, according to which conductors on passenger trains were instructed to collect a penalty of 10 cts. from each passenger who failed to purchase his ticket at the station in advance of boarding the train, and complainant expressed the opinion that the collection of such penalty would be in violation of the Two-cent Maximum Passenger Fare Law.

He was advised that the attorney general, to whom this question was referred by the Commission for an opinion, had held that the railroad companies might collect such penalty, providing they did not retain it as their absolute property but made arrangements for the refunding of the same at a point where facilities for such purpose are provided. Complainant continued to remonstrate and was advised that the matter might be brought within the jurisdiction of the Commission by the filing of a formal complaint, blanks for which were furnished complainant.

No. 1644.

June 25, 1908.

O. G. Munson,

vs.

C., M. & St. P. Ry. Co.

Viroqua, Wis.

DELAY OF SHIPMENTS.

Complainant herein, jointly with Democrat Printing Co., of Madison, as consignor, alleged that auxiliary newspaper packages, billed from Madison to Viroqua and marked "no delay," were repeatedly delayed for from five to seven days, whereas delivery ought to be made in not more than three days. The

matter was taken up with the officials of the railway company, who made an investigation and advised that the causes for the delay had been removed, and that the shipments would in the future move forward with satisfactory dispatch.

No. 1645.

June 24, 1908.

*Rhineland Manufacturing Co.,
Rhineland, Wis.*

CLAIMS.

Complainant was charged \$79.84 on a shipment of zinc from La Salle, Ill., to Rhineland, Wis., the charge being \$36.45 more than the rate on the C. & N. W. Ry., the shipment moving on the M., St. P. & S. S. M. Ry., which had no rate published on the commodity shipped, but was willing to meet the rate of the C. & N. W.

Complainant was advised that the incident in point occurred prior to the establishment of the Wisconsin Railroad Commission and was an interstate shipment, therefore, being outside of the jurisdiction of the Commission. The matter was later taken up by the complainant with the interstate commerce commission.

No. 1646.

June 27, 1908.

*Win J. Kyes,
Merrill, Wis.*

FREE TRANSPORTATION TO POLICE AND FIREMEN.

Inquiry as to whether it is permissible to allow all policemen, firemen and other officials and servants of a municipality to ride on street cars free, while in the actual discharge of their duty.

Held: That granting of free transportation to policemen, firemen, city officials and all other persons not specially excepted in sec. 8, ch. 362, Laws of 1905, is in violation of law.

No. 1647.

June 8, 1908.

*Badger Manufacturing Co.,
Racine, Wis.*

DELAYED SHIPMENT.

Complainant herein alleged that a shipment of hammocks from Racine to Colon, Panama, had been delayed.

Complainant was advised that the matter being interstate commerce was outside of the jurisdiction of the Commission, but that it had been referred to the authorities of the C. & N. W. Ry. Co., who were making an investigation of the matter.

No. 1648.

June 25, 1908.

Laun Brothers,

Wausaukee, Wis.

BLUEBERRIES IN BASKETS.

Complainant herein alleged that the express companies had refused to handle 8-quart baskets containing blueberries, thereby requiring the complainant to invest in the more expensive carriers, crates, and the complainant desired to know whether the express companies had the power to dictate the package. The matter was taken up with the express companies, the superintendent of the American Express Co. replying that his company did not run to Wausaukee, that it did not and would not refuse to handle the packages in question. The general superintendent of the United States Express Co. advised that official express classification No. 18, L. C. C.—O. E. C. No. 1, contains the following clause: "Fruit in baskets with top protected only by a covering of gauze, not crated; refuse." Reasons for this were set forth as being the liability to damage of the fruit and other property in transit, the necessity for providing an unreasonable amount of car floor space on account of the impracticability of piling these baskets one upon the other, and because the only safe way to ship this fruit was in crates or boxes. Later the American Express Co. advised, that it had concluded not to handle fruit in uncovered baskets, for reasons similar to those set forth in the letter of the United States Express Co.

Complainant was advised that it might bring the matter within the jurisdiction of the Commission by filing a formal complaint, which was not done.

No. 1649.

June 23, 1908.

Lyman Grain Co.,

41 Chamber of Commerce, Milwaukee, Wis.

ALLEGED DISCRIMINATION IN TRANSIT PRIVILEGES.

Complainant alleged that the C. & N. W. and C., M. & St. P. railways granted transit privileges in Milwaukee to owners of

elevators, or lessees or operators of elevators, but refused such privileges to other shippers. This matter was brought up previously by the Franke Grain Co., but that complaint was withdrawn and the matter did not come to a determination by the Commission. Complainant was advised that consultation with the Franke Grain Co. might be profitable, or that the matter could be brought to the attention of the Commission by the filing of a formal complaint.

No. 1650.

June 26, 1908.

*Fred Miller Brewing Co.,
Milwaukee, Wis.*

ALLEGED EXCESSIVE RATES.

Complainant herein alleged that the railway companies had raised their L. C. L. rates on beer in this state, by changing such freight from fourth to third class. Investigation showed that the C. & N. W. Ry. Co., on May 23, 1908, and the C., M. & St. P. Ry., on June 17, 1908, had changed beer in less than carloads from fourth to third class, but that there was no notice of any change on the W. C. Ry. Co.

Blanks were forwarded complainant for the making of a formal complaint, in order to bring the matter within the jurisdiction of the Commission.

No. 1651.

*Wisconsin Retail Lumber Dealers' Association,
Milwaukee, Wis.*

Formal complaint filed.

No. 1652.

June 27, 1908.

*A. G. Clark et al., vs C., St. P., M. & O. Ry. Co.
Rice Lake, Wis.*

REQUEST FOR SPECIAL TRAIN SERVICE.

In the above entitled matter the assistance of the Commission was solicited to secure special train service to Rice Lake on July 4, 1908, when several thousand visitors were expected. The matter was taken up informally with the officials of the "Omaha" road, with the effect that service was rendered entirely satisfactory to the petitioners.

PART V.

Informal Utility Complaints.

No. 1.

E. E. Payne et al.

vs.

Wis. Telephone Co.

Formal complaint filed. See page 142.

No. 2.

July 17, 1907.

*Greater Milwaukee Association,
Milwaukee, Wis.*

ALLEGED EXCESSIVE RATES FOR CURRENT.

The complainant alleged that for years past in the city of Milwaukee excessive charges had been exacted for electric current for light and power to public and private consumers; that charges to consumers were not uniform, and a request was made that the Commission investigate the cost to the electric lighting companies in Milwaukee of furnishing current for public lighting and the cost of furnishing current for private lighting and for power, and that a just and reasonable and uniform price be charged to the consumer, both public and private.

The complainant was advised that a valuation of the properties of the electric railway companies doing business in Milwaukee had been made; that this valuation included that portion of the business of certain companies furnishing lighting and power service, and that these companies do the larger part of the electric lighting within the city. It was suggested that a formal complaint be filed, which would be considered in its turn.

No such complaint was filed.

No. 3.

Aug. 2, 1907.

In re PUBLIC UTILITY COMPANIES.

The above entitled matter related to an endeavor on the part of the Commission to secure the names and addresses of every public utility doing business in the state, and was one of the first steps taken, in preparation for its work, by the Commission. For lists of these companies and addresses, see tabulations in another part of this report.

No. 4.

Aug. 22, 1907.

*O. P. Schnetzky, vs. Milwaukee and Fox River Valley Ry. Co.
Elkhart Lake, Wis.*

DISCRIMINATION IN RATES FOR CURRENT.

In the above entitled matter the complainant alleged that the electric company was doing business at Elkhart Lake and had not a uniform schedule of prices and charges; that in some cases flat rates were charged, and in other cases rates based upon meter readings.

The matter was submitted to the officials of the electric company, and they stated it was their intention to comply with the law. Complainant was advised to file a formal complaint and blanks were furnished him.

No. 5.

Aug. 9, 1907.

*W. A. Doyle, vs. Wisconsin Telephone Co.
Menomonie, Wis.*

CONTRACT TELEPHONE RATES; ADVANCE IS NOT DISCRIMINATORY.

In the above entitled matter it appears that the complainant herein had been furnished with telephone service by the above named company on a four-party, grounded line at \$1.00 per month, under a contract for such service, and that the company had discontinued this kind of service and had put the complainant on a two-party metallic return circuit, for which service its legally published rate was \$1.50 per month.

The matter was submitted to the officials of the telephone company, who stated that two years prior to the passage of the Public Utilities Law, the Menomonie system had become obsolete, owing to induction from electric light circuits, which rendered portions of its exchange almost useless, and that the service

generally was so inferior that it became necessary to rebuild the plant throughout; that this necessitated the abandonment of the four-party, grounded service, and that it substituted in lieu thereof a two-party metallic return service, and that all of the subscribers but a few, including the complainant, had accepted the two-party service, but that complainant and the other objectors, relying on their contracts, refused to pay for the different class of service they were receiving, and owing to such existing contracts, after the passage of the Public Utilities Law, the company felt obligated to continue such service at the old rate as long as the contracts made under the old system should continue in force; that after the contracts expired, the company endeavored to amicably induce complainant to accept the new class of service at the advanced rate, and, pending these negotiations, the discriminatory rate was kept in effect, and the company contended that it was not necessary for it to apply to the Commission for authority to increase complainant's rate, but that it was merely requiring complainant to pay the legal rates in force in the city of Menomonie.

Held: On the above statement of facts, there was no illegal advancement of telephone rates; that complainant's remedy was to file a formal complaint with this Commission, to the effect that the rates then charged were excessive or unreasonable, and blanks for that purpose were furnished him.

No. 6.

Aug. 23, 1907.

City of Superior.

RULES OF PROCEDURE AGAINST LIGHTING UTILITIES.

In the above entitled matter the city attorney of the complainant herein asked the Commission whether any rules of procedure or forms for petitions had been prepared, and whether any reports had been required to be made to the Commission by public utilities as to charges for public and private lighting under the provisions of the Public Utilities Law.

A copy of the rules of procedure was sent to complainant, and he was advised that the utilities had been asked to furnish copies of their rates, tolls and charges, and that Sept. 1 was named as the limit of time in which utilities might file such schedule.

No. 7. Aug. 24, 1907.
Fred Klaus, Jr., vs. *Wis. Telephone Co.*
Winneconne, Wis.

JOINT TELEPHONE RATES.

The complainant herein alleged that the above named telephone company had absorbed the Waushara Telephone Co. and exacted a double charge of toll for messages between Winneconne and Red Granite.

The matter was submitted to the officials of the defendant company, who advised the Commission that it had not absorbed the Waushara Telephone Co.; that it had acquired a portion of the capital stock of said company; but that the operation of the company was practically in the hands of stockholders unconnected with the Wisconsin Telephone Co.; that the toll line between Red Granite and Winneconne is by way of Berlin; that part of the line between Red Granite and Berlin is owned by the Waushara Telephone Co., and between Winneconne and Berlin by the Wisconsin Telephone Co.; that each company makes its regular charge for the service it renders, but that the intention of the companies is to make in the near future a joint rate, based upon air line distance, of which complainant was informed.

No. 8. Sept. 3, 1907.
T. M. Holland,
Park Falls, Wis.

GRATUITOUS ELECTRIC SERVICE TO MUNICIPALITY.

Complainant asked to be advised whether an electric lighting company may, under the provisions of the Public Utilities Law, and in the absence of a contract, furnish electric lighting free to the city.

Held: That the furnishing of electric light free to a city is contrary to the provisions of the Public Utilities Law, unless such service is based on a contract made prior to the passage of the law.

No. 9.

Aug. 30, 1907.

Clear Lake Telephone Co.,
Clear Lake, Wis.

RAILROAD STATION TELEPHONE SERVICE.

Complainant asked concerning the law governing telephone service in railway stations.

Held: Ch. 614, Laws of 1907, provides that upon complaint to this Commission, that any telephone service with any railroad is inadequate, unreasonable, unjust or discriminatory, or that such service cannot be had, it shall be the duty of the Commission to investigate the same, and if, upon investigation, the Commission shall find that such service is inadequate, discriminatory or cannot be had, it may, by order, fix a reasonable regulation, practice or service to be installed; that the decision of the Commission entitled *In re Free and Reduced Telephone Service*, 2 W. R. C. R. 521, provides, in effect, that a pay station may be installed in a railway station by means of which anyone may call the station up without extra charge, and the railway agent may call up any telephone subscriber upon official business, but that if such telephone is used for any other purpose, the local rate for such service must be paid.

See *Peoples Tel. Co. v. Eastern Ry. Co. of Minn.*, 2 W. R. C. R. 822.

No. 10.

Sept. 6, 1907.

Clintonville Electric Light Plant,
Clintonville, Wis.

EMERGENCY ELECTRIC SERVICE.

The superintendent of the above named plant submitted the following question to the Commission: Whether or not a public utility, furnishing electric service, has the power to refuse such service to an individual because such individual has installed a gasoline lighting plant and uses the electric service only when he is compelled to.

Held: This service cannot be denied, but that a minimum charge might be exacted for such service.

No. 11.

Aug. 30, 1907.

*Burlington Electric Light & Power Co.**Burlington, Wis.*

INDETERMINATE PERMIT; GAS AND ELECTRICITY NOT SIMILAR SERVICE.

A request was made to the Commission for a construction of subd. 1, sec. 1797m—74, Laws of 1907, providing that no license, permit or franchise shall be granted to any person, firm or corporation to own, operate, manage or control any plant or equipment for the production, transmission, delivery or furnishing of heat, light, water or power in any municipality where there is in operation, under an indeterminate permit, a public utility engaged in similar service, without first securing from the Commission a declaration, after a public hearing of all parties interested, that public convenience and necessity require such second public utility; and particularly whether, in a case where there is a gas plant in operation under an indeterminate permit, it would be necessary for a company proposing to furnish electric service to apply for a certificate of convenience and necessity before it could secure a franchise.

Held: That a company producing electric light and a company producing gas are not engaged in a similar service, and that, consequently, an application to the Commission for a certificate of convenience and necessity in such a case would not be required.

No. 12.

Sept. 10, 1907.

*Wausau Gas Co.,**Wausau, Wis.*

REQUEST FOR INVESTIGATION OF GAS.

A citizen of Wausau applied to the Commission to have an investigation made of the quality of gas furnished by the Wausau Gas Co. to its consumers.

Complainant was advised that the organization of the Commission made it impossible at that time to make such tests. Since this, work has been undertaken and tests of service have been made in many cities of the state.

No. 13.

Sept. 11, 1907.

*The Scandinavia Telephone Co.,
Scandinavia, Wis.*

LOWER TELEPHONE RATES TO STOCKHOLDERS AND OWNERS OF
EQUIPMENT.

In the above entitled matter complainant stated that its company was a mutual one, not organized for profit, and no cash dividends were declared, and that a lower rate was given to stockholders and to persons who installed their own instruments than was given to the general public.

Held: This is contrary to the Public Utilities Law. See decision of the Commission *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 14.

Sept. 8, 1907.

*R. E. Dimick, vs. Barron County Telephone Co.
Almena, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein alleged that the above named telephone company was charging excessive rates.

Complainant was advised that it would be necessary to file a formal complaint.

No. 15.

Sept. 7, 1907.

*Badger Telephone Co.,
Oconomowoc, Wis.*

FREE TELEPHONE SERVICE TO PUBLIC OFFICIALS.

The complainant herein alleged that it was about to extend its lines into a certain township, and the town board had notified it that it would not permit such extension unless the individuals composing it were given free use of such telephones, and asking for a construction of the law relating thereto.

Held: That the laws governing in cases of this kind read as follows:

Ch. 499, Laws of 1907, commonly known as the "Public Utilities Law," provides as follows:

"Section 1797m—88. No public utility or any agent or officer thereof * * * shall offer or give for any purpose to any * * * incumbent of any office or position under the

constitution or laws or under any ordinance of any municipality of this state, or to any person at the request, or for the advantage of all or any of them, any frank or any privilege withheld from any person for any product or service produced, transmitted, delivered, furnished or rendered or to be produced, transmitted, delivered, furnished or rendered by any public utility, or the conveyance of any telephone message or communication or any free product or service whatsoever.

2. * * * no incumbent of any office or position under the constitution or laws or under any ordinance of any town or municipality of this state, shall ask for or accept from any public utility or any agent or officer thereof. * * * or use in any manner or for any purpose any frank or privilege withheld from any person, for any product or service produced, transmitted, delivered, furnished or rendered, or to be produced, transmitted, delivered, furnished or rendered by any public utility, or the conveyance of any telephone message or communication.

3. Any violation of any of the provisions of this section shall be punished by imprisonment in the state prison not more than five years nor less than one year or by fine not exceeding one thousand dollars nor less than two hundred dollars."

Furthermore, the act of the board, in asking the concession as a condition of the proposed grant, may raise a more serious question, depending upon the facts, upon which we do not express any opinion.

Sec. 11 of article XIII of the State Constitution provides as follows:

"No person, association, co-partnership, corporation, shall offer, or give, for any purpose, to any political committee, or any member or employe thereof, to any candidate for, or incumbent of any office or position under the constitution or laws, or under any ordinance of any town or municipality, of this state or to any person at the request or for the advantage of all or any of them, any free pass or frank, or any privilege withheld from any person, for the traveling accommodation or transportation of any person or property, or the transmission of any message or communication. No political committee, and no member or employe thereof, no candidate for and no incumbent of any office or position under the constitution or laws, or under any ordinance of any town or municipality of this state, shall ask for, or accept, from any person, association, co-partnership, or corporation, or use in any manner, or for any purpose, any free pass or frank, or any privilege withheld from any person, for the traveling accommodation or transportation of any person or property, or the transmission of any message or communication. Any violation of any of the above provisions shall be punished by imprisonment in the state prison not

more than five years nor less than one year, or by fine not exceeding one thousand dollars, nor less than two hundred dollars."

Sec. 4475, Statutes of 1898, provides as follows:

"Any person who shall corruptly give, offer or promise to any executive, judicial, legislative, administrative or other officer of the state, or of any county, town, city, village, school district, or of other municipal corporation or subdivision therein, after his election or appointment, and either before or after he shall have been qualified or shall have taken his seat, any gift or gratuity, or any money, goods, thing in action, personal or real property, or anything of value, or any pecuniary or other personal advantage, present or prospective, with intent to influence his vote, opinion, judgment or action upon any question, matter, cause or proceeding which may then be pending or which may by law come or be brought before him in his official capacity, and any such officer who shall corruptly accept or receive any such gift, gratuity, money, goods, thing in action, personal or real property or any thing of value, or any such pecuniary or other personal advantage, present or prospective, under any agreement or understanding that his vote, opinion, judgment or action should be thereby so influenced, shall be punished by imprisonment in the state prison not more than five years nor less than one year, or by fine not exceeding one thousand dollars nor less than two hundred dollars."

No. 16.

Sept. 7, 1907.

M. E. Dillon,
Ashland, Wis.

JURISDICTION OVER CONTRACTS.

In the above entitled matter complainant wished to be advised as to the jurisdiction of the Commission to supervise the rates charged to a municipality by a public utility under a contract which had not expired.

Held: This Commission has no supervisory power over contracts made prior to April 1, 1907.

No. 17.

Sept. 17, 1907.

O. G. Potter,
Pepin, Wis.

FARMER TELEPHONE LINES.

Inquiry whether the Commission has jurisdiction over "farmer telephone lines."

Held: That the Commission has jurisdiction over all telephone lines furnishing service to or for the public.

No. 18.

Sept. 14, 1907.

*C. F. Stone,**Lake Nebagamon, Wis.*

TELEPHONE DISCRIMINATION.

Complainant alleged that there were in operation in Lake Nebagamon two telephone companies, both furnishing exchange service; that one company proposed to discontinue its exchange service, and asked complainant for permission to install in his store a booth, which could be used for long distance business; that the manager of the other company thereupon notified complainant that if such booth were installed in the store, his company would no longer furnish service to complainant.

Held: The Public Utilities Law prohibits discrimination between persons, and all telephone companies must furnish service to persons applying therefor within the zone in which they are operating.

No. 19.

Sept. 17, 1907.

*Bemis Bag & Paper Co., vs. Superior Water, Light & Power Co.
Superior, Wis.*

ALLEGED INCREASE IN WATER RATES.

Complainant herein advised the Commission that the above named utility company had advanced complainant's rates for water from the rates charged on April 1, 1907, and that such advance had been made without authority granted by the Commission, as required by law. Complainant desired that a hearing be held upon the matter. The Commission advised complainant that the proposed hearing was unnecessary for the reason that no advance in rates could be made without authority granted by the Commission. Respondent was advised of the prohibition in the law forbidding the alleged advance in rates, and the company advised the Commission that there was no desire to raise complainant's stand pipe rate, but that respondent believed that the Public Utilities Law required them to equalize rates so as to eliminate discrimination.

Held: That no advance in rates, over those in effect on April 1, 1907, could legally be made without authority granted by the Commission, even though discrimination existed.

No. 20.

Sept. 5, 1907.

Bloomer Telephone Co.,
Bloomer, Wis.

FREE TELEPHONE SERVICE IN DEPOTS.

The above named telephone company advised the Commission that it was maintaining free telephones in the railway stations at Bloomer and New Auburn.

Held: That telephone service cannot legally be given to railway companies free of charge, and that the law provides that railway companies may be compelled to install telephones in their stations.

No. 21.

Sept. 20, 1907.

M. Wheeler,
Neeah, Wis.

COMPLAINTS AGAINST UTILITIES.

Asking for information regarding the filing of complaints against utilities, which information was furnished.

No. 22.

Sept. 26, 1907.

W. R. Wallace,
Rib Lake, Wis.

FREE TELEPHONES IN STATIONS.

The complainant herein asked the Commission whether a telephone company could legally furnish telephone service to a railway in its station without making charge therefore.

(See *Clear Lake Telephone Co.*, informal case No. 9.)

No. 23.

Manitowoc Water Works Co.,
Manitowoc, Wis.

Formal complaint filed. See p. 169.

No. 24.

Sept. 23, 1907.

Ripon College, vs. *Ripon Light & Water Co.*
Ripon, Wis.

CALCULATION OF WATER BILLS.

The complainant herein advised the Commission that it owns several buildings and takes water through different meters, but

all bills are paid from one office, and that the rate should be based upon the total amount consumed rather than upon the various amounts consumed in the various buildings.

Held: The charge made for water is not on the basis of the value of the water. Water is free to all users at the source of supply. What the consumer pays for, is the carrying and delivering to the point of consumption. On this theory, if the complainant owns the pipes which conduct the water through its grounds to the various buildings, the charge to it should be based upon the gross amount used without regard to the number of meters through which it is measured. To this should be added the amount of meter rent, cost of meter reading, etc., which would place the college on an equality with other users of a like amount of water. That if the water company owns all of the pipe through which the water is carried to the several buildings, each building should be regarded as an individual consumer, without regard to the water used in the other buildings.

No. 25.

Oct. 1, 1907.

*Minahan Building Co.,
Green Bay, Wis.*

REDUCED ELECTRICITY RATES TO MUNICIPALITIES.

Inquiring whether it would be permitted to furnish a municipality electric current at a less rate than is furnished to the general public.

Held: Municipalities stand on the same footing as the general public, and must be charged the same rates as those charged to other persons under the same circumstances and conditions. See informal complaint, No. 8, *T. M. Holland*.

No. 26.

City of Ripon, vs. Ripon Water, Light & Power Co.

Formal complaint filed. See page 154.

No. 27.
Tomah Electric & Telephone Co.,
Tomah, Wis.

Oct. 4, 1907.

DISCRIMINATIONS.

Inquiring regarding the necessity of putting into effect a uniform schedule.

Held: That discriminations are prohibited under the law and penalties provided therefor.

No. 28.
Wis. Electric Service Co., *vs.*
Fond du Lac, Wis.

Sept. 27, 1907.
Calumet Dairy Co.

COMPETITION IN ELECTRIC SERVICE.

Complainant herein alleged that it had a franchise from the city of Chilton for public and private lighting in that city; that another company, without a franchise, was furnishing electric current to the public, and asking whether such was not a violation of complainant's rights.

Held: That the complaint is one outside the jurisdiction of this Commission.

No. 29.
Ripon Light & Water Co.
Ripon, Wis.

Oct. 6, 1907.

PUBLIC UTILITY; ELECTRIC.

In the above entitled matter inquiry was made of the Commission as follows: Does the furnishing of electric current to a single individual, by the owner of a private lighting plant, make such lighting plant a public utility.

Held: The person furnishing such service, under the described circumstances, is a public utility.

No. 30.
Geo. Warren Co.,
Warren, Wis.

Sept. 30, 1907.

METHODS OF COMPUTING RATES FOR STEAM AND HOT WATER HEATING.

In the above entitled matter inquiry was made as to the basis of charges used by heating companies.

Held: Heating service is sold both under flat and meter rates. The flat rate systems comprise:

- a. A charge per cubic foot of room heated;
- b. A charge per square foot of radiation.

The meter rates comprise:

- a. In hot water systems a charge per unit of water at a given temperature, measured by water meters;
- b. In steam systems, a charge per unit amount of steam measured by steam meters;
- c. In steam systems, a charge per unit of condensed steam measured by water meters.

No. 31.

Oct. 7, 1907.

*Municipal Electric & Water Works,
Elroy, Wis.*

ACCOUNTING FOR UTILITIES.

Asking for information concerning the accounting system to be ordered by the Commission.

Complainant was advised that the subject of uniform accounting was under consideration by the Commission, but no decision had been made thereon.

No. 32.

Oct. 15, 1907.

*John T. Janssen, vs. Wisconsin Telephone Co.
Milwaukee, Wis.*

FREE TELEPHONE SERVICE FOR POLICE.

The complainant in the above entitled matter is the chief of police of the city of Milwaukee. He stated that it had been the custom for many years for the above named telephone company to give long distance telephone service free of charge within the boundaries of the state, where the aid of police departments and sheriffs was asked in the apprehension of criminals or fugitives from justice, but that he had been advised by the above named telephone company, that such service would have to be discontinued, and asked to be advised concerning the matter.

Held: That under the Public Utilities Law free service to a municipality is prohibited. See informal complaint No. 8, *T. M. Holland*; informal complaint No. 25, *Minahan Bldg. Co.*

No. 33.

Oct. 14, 1907.

City of Reedsburg.

PENALTY FOR NON-PAYMENT AN INCREASE IN RATES.

In the above matter inquiry was made whether it would be within the law to impose a penalty of 10 per cent on all persons not paying electric or water bills on or before a certain date.

Held: The Public Utilities Law makes the rates in effect on April 1, 1907, the legal maximum rates, and provides that such rates may be raised only upon application to this Commission and upon an order after notice and hearing; that imposing a penalty for non-payment of bills amounts to an increase in rates.

No. 34.

Oct. 12, 1907.

*West Greenbush Telephone Co.,
Greenbush, Wis.*

CONTRACTS BETWEEN TELEPHONE COMPANIES.

The inquiry herein was, whether or not telephone companies may exchange service with one another, without other consideration moving than the benefit each receives from the other.

Held: This Commission has no jurisdiction over contracts of connection between telephone companies; such companies may make such contracts of connection between one another as they can agree upon.

No. 35.

Oct. 15, 1907.

*C. A. Markham,
Beaver Dam, Wis.*

ABSENCE OF TELEPHONE RATES FOR IMPROVED SERVICE.

In the above entitled matter complainant alleged that he was then receiving, and for years past had been receiving, telephone service on a party line at \$1.00 per month, and that notice had been served that hereafter the charge would be \$2.00 per month, and desiring to know whether, under the provisions of the law making the rates in effect on April 1, 1907, the legal maximum rates, such advance could be made.

The matter was submitted to the officials of the company, who advised the Commission that the service which complainant

had been receiving was a four-party, grounded circuit service, at \$1.00 per month; that this grounded circuit service was impracticable, and the company had installed a new switchboard at Beaver Dam, with a complete metallic circuit system, and had discontinued the grounded service, as it had become obsolete, and that complainant was receiving the improved service at a discriminatory rate, of all of which complainant was advised. The principle involved is identical with that of *in re Doyle*, see informal complaint No. 5.

No. 36.

Oct. 12, 1907.

*C. I. Delaney, vs. Chippewa Falls Water Works and Lighting
Chippewa Falls, Wis. Co.*

ALLEGED EXCESSIVE WATER RATES.

Complainant herein alleged an excessive charge made by the above named company for lawn sprinkling service in Chippewa Falls.

The matter was investigated, and complainant was advised that the charge made was based upon the legally published tariffs of the company.

No. 37.

Oct. 10, 1907.

*La Crosse Interurban Telephone Co.,
La Crosse, Wis.*

FREE TELEPHONES IN STATIONS.

Inquiry concerning free telephone service in railway stations. Complainant was advised of the law therein. See informal complaint No. 9, *Clear Lake Telephone Co.; Peoples Tel. Co. v. E. Ry. Co. of Minn.* 2 W. R. C. R. 822.

No. 38.

Oct. 9, 1907.

*Menominee & Marinette Light & Traction Co.,
Menominee, Mich.*

SUBSTITUTION OF METER FOR FLAT RATES.

The inquiry herein was, whether the substitution of rates based upon meter readings for a flat rate would be permissible under the Public Utilities Law.

Held: If the change resulted in an increase in rates, application should be made to the Commission, under the provisions of sec. 1797m—105 of the Public Utilities Law.

No. 39.

Oct. 16, 1907.

*City Water Co.**Marinette, Wis.*

CONTRIBUTIONS TO PUBLIC ENTERPRISES; CHANGES OF RATES.

Inquiry was made by the above named company as to whether a public utility company would be permitted, under the law, to make donations to religious, educational and charitable institutions, or to public subscription movements, such as the raising of bonus for new industrial establishments; and as to the procedure to be followed in changing rates. The Commission reserved the matter of contributions for further consideration and in a subsequent case it was

Held: That there is nothing in the Public Utilities Law to authorize the Commission to permit or sanction the making of contributions for any purposes by public utilities within this state, but that there is nothing in the law to prevent officers, directors and stockholders of public utility corporations, in their individual capacity, from contributing for charitable and other worthy purposes to the full extent of their charitable impulses and the size of their purses.

As to the inquiry concerning the proper procedure for changing rates, it was

Held: That any increase in the rates in effect on April 1, 1907, may be effected only by application to the Commission, but that a decrease of such rates may be made without such application, merely the filing with the Commission of the proposed lower rates ten days before the same become effective being required.

No. 40.

Oct. 16, 1907.

*Oshkosh Water Works Co.,**Oshkosh, Wis.*

PROMPT PAYMENT RULES NOT TO BE WAIVED.

In the above entitled matter complainants had in effect a rule by which, if the service is not paid for on or before a certain date, it would be discontinued, and not furnished again until the penalty of \$1.00 had been paid, and inquiring whether in cases where individuals have a reasonable excuse for their failure to pay, the penalties may be waived.

Held: The penalty must be enforced against all alike, and waiving it in favor of any individual for any reason amounts to a discrimination under the meaning of the Public Utilities Law.

No. 41.

Oct. 22, 1907.

City of Beloit.

TELEPHONE FRANCHISES VOID.

The matter herein relates to free telephone service given in exchange for franchise rights. The question of franchises to telephone companies is covered in finding No. 1 of the decision of the Commission entitled "*In re Free and Reduced Rate Telephone Service*," 2 W. R. C. R. 521. This reads, in part, as follows:

"It has been determined that a municipality has no power to grant a franchise to a telephone company. An ordinance attempting to grant such a franchise is ineffectual and void. *State v. Milwaukee Independent Telephone Co.*, 114 N. W. Rep. 108; *Wis. Telephone Co. v. Milwaukee*, 126 Wis. 1; *State v. Wisconsin Telephone Co.*, 111 Wis. 23.

No. 42.

Oct. 29, 1907.

*Plankinton Electric Light & Power Co.,
Milwaukee, Wis.*

PROMPT PAYMENT DISCOUNT.

In the above entitled matter application was made for authority to put into effect a tariff reducing rates for electric service upon the payment of bills for such service on or before the 10th of the month next following in which the current is consumed.

Application approved.

No. 43.

Oct. 25, 1907.

Geo. H. Batho, vs. *Grange-Hall Telephone Co.
Plum City, Wis.*

CONTRACTS BETWEEN TELEPHONE COMPANIES.

The complainant herein alleged that the above mentioned company had raised its rates for "switching service" since April 1, 1907. An investigation of the matter seemed to indi-

cate that complainant was one of a farmer telephone company furnishing service to the public and connected with the above named telephone company.

Held: That under this statement of facts, the Commission has no jurisdiction in the matter; telephone companies are free to make such contracts with their connections and charge such rates at such times and in such manner as they choose.

No. 44.

Oct. 28, 1907.

*Peoples Telephone Co.,
Lime Ridge, Wis.*

REPORTS FOR SUB-EXCHANGES.

Stating that it is operating a number of small exchanges and inquiring if it is necessary to report for each of these exchanges.

Held: Such report is necessary.

No. 45.

Oct. 28, 1907.

Wisconsin Telephone Co.

REDUCTIONS OF TELEPHONE RATES.

The inquiry in the above matter was, whether or not it is necessary to apply to the Commission for authority to put into effect tariffs involving reductions in rates.

Held: That no application is necessary in the above entitled matter, except where it is desired that such rates shall become effective in a less period than the time prescribed by statute.

No. 46.

Oct. 28, 1907.

*Washburn Electric Light & Power Co.,
Washburn, Wis.*

DISCRIMINATION IN LIGHT RATES.

In the matter herein the Commission was advised that the above named company had been furnishing electricity for lighting purposes in a business house at Washburn in which there were a number of lights used but little; that their charges were all based on flat rates; that for the number of lights used in the building in question, the rate charged was less than its published schedule rates; and inquiring whether this was discriminatory or not.

Held: It was discriminatory.

No. 47.

Oct. 28, 1907.

Chas. W. Graves,
Viroqua, Wis.

UTILITIES MUST INCORPORATE.

In the above entitled matter the complainant stated that sec. 77 of the Public Utilities Law contained a serious defect, in that no public utility except a corporation duly organized under the laws of Wisconsin could secure an indeterminate permit by surrendering its franchise.

Held: That the intent of the legislature, as shown in the law, was that of inducing all utilities doing business in the state to incorporate, for the reason that the state could exercise more efficient control over corporations organized under its laws than it could over individuals; that owners of utilities could incorporate and take the title to such utility, and thus secure the advantages offered by an indeterminate permit.

No. 48.

Oct. 15, 1907.

City of Hartford.

MUNICIPALIZATION OF ELECTRIC PLANT.

In the matter herein, P. Westenberger, mayor of the above named city, addressed a communication to the Commission, stating that the city purposed acquiring an electric light plant, and asked advice of the Commission relating thereto.

Complainant was furnished with citation of authorities having a bearing upon the matter in question.

No. 49.

Oct. 23, 1907.

De Pere Electric Light & Power Co.,
De Pere, Wis.

INDETERMINATE PERMITS. PROPOSED FRANCHISE RATES SUBJECT TO THE JURISDICTION OF THE COMMISSION.

The above entitled matter relates: 1. To an inquiry made, whether or not a rate of \$1.50 per 1,000 feet of gas in a proposed franchise ordinance, which was being considered but had not been adopted at the time of the enactment of the Public Utilities Law, would be held to be the legal rate;

2. Whether the city could grant a franchise in view of the passage of the Public Utilities Law, or must the company apply, to the Commission for a franchise;

3. Whether the company could apply to the Commission for authority to increase its rates, if such rates were found to be too low;

4. Considering the fact that, if the above named company took a franchise, it would be indeterminate, then could the city grant a franchise to a competing company.

Held: 1. The Commission has jurisdiction to consider the reasonableness of rates charged by public utilities where such rates are based upon contracts made since April 1, 1907.

2. The Commission does not grant franchises. They are still granted by the municipality, and no application is made to this Commission except in cases where utilities are operating under indeterminate permits.

3. Within the provisions of sec. 1797m—105, any public utility may apply to the Commission for authority to increase its rates.

4. In localities where there is a utility operating under an indeterminate permit, no franchise can be granted by such municipality without applying to this Commission for an order showing that public convenience and necessity require the construction of such additional utility.

No. 50.

Nov. 4, 1907.

L. A. Turner,
Boyd, Wis.

TOLL CHARGES.

Inquiry as to whether this Commission has ordered telephone companies to charge farmers toll "from town to their farms."

Complainant was advised that this Commission has made no such order; that no telephone company at Boyd has filed any rates with the Commission, and that, upon receipt of more complete information, complainant would be advised fully concerning his rights.

No. 51.

Nov. 4, 1907.

E. B. McGilvary, vs. *Dane County Telephone Co.*
Madison, Wis.

ALLEGED OVERCHARGE FOR TELEPHONE.

Complainant herein alleged that the above named company had, without the knowledge or consent of complainant, substituted four-party service in place of two-party service as contracted for, without making reduction of rate on account of the inferior service, and praying that the two-party service be ordered restored and overcharge refunded. Later the Commission was advised that the matter was in the way of satisfactory adjustment.

No. 52.

Nov. 8, 1907.

Carter & Pedrick,
Ripon, Wis.

REDUCTION OF TELEPHONE RATES; APPLICATION NOT NECESSARY.

The above named firm of attorneys, representing the Ripon Telephone Co., desired a construction of sec. 31 of the Public Utilities Law, concerning changes of rates and application for permission to make such changes. It appeared that the Ripon Telephone Co. did not give its local subscribers free right to talk with the subscribers of the Ripon Rural Telephone Co., but charged a toll of 10 cts. per message, and it was desired that a flat rate of 25 cts. per month be put in effect to be charged such city subscribers as wished to avail themselves of same, this charge to cover all rural messages, but that in case of subscribers electing not to avail themselves of this flat rate, the old toll rate of 10 cts. per message continue to be charged.

Held: That this flat rate would be a reduction to those subscribers who availed themselves of it; that in case of reductions of rates no application to the Commission for authority is necessary, only that the reduced rate be filed with the Commission ten days before becoming effective.

No. 53.

Nov. 7, 1907.

Mellen Water & Light Co.,
Mellen, Wis.

CONSTRUCTION OF LAW; ELECTRIC CURRENT RATES.

Complainant herein filed notice: 1. That it proposed to reduce certain rates for electric lighting during the months of

October to March, inclusive, asking to be advised whether this could be done without the permission of the Commission.

2. Whether it could recover for loss by meters damaged while in the possession of its customers..

Held: 1. No approval by the Commission is necessary in case of reduction of rates, but a change in rates can only be made ten days after filing with this Commission a copy of tariff showing the same.

2. The question of loss or damage to meters in the possession of individuals is one outside of the jurisdiction of this Commission and under that of the courts.

No. 54.

Nov. 9, 1907.

Fred T. Yates,

Washburn, Wis.

CONSTRUCTION OF LAW; RATES FOR CURRENT.

Inquiry 1, whether a 7 ct. rate to depot is discriminatory when other consumers pay 10 cts. per kilowatt; 2, inquiring whether it is permissible under the law to give free telephone service to depots and to a certain business man who turns over all his toll business.

Held: 1. Rates lower than those charged to the general public are discriminatory.

2. Free telephone service to depots and to a business man is absolutely prohibited.

No. 55.

Nov. 14, 1907.

H. F. Camm,

Green Bay, Wis.

POWER OF COUNCIL OVER TELEPHONE WIRES.

Inquiry 1, as to whether power is vested in the common council to order a telephone company to place its wires underground; 2, also as to whether an agreement between the common council and the telephone company to remove the wires after seven years would be legal and binding.

Held: 1. That power is vested in the common council to order a telephone company to place its wires underground.

2. It would be improper for the Commission to express an opinion and that the matter should be referred to the city attorney.

No. 56.

Nov. 16, 1907.

Mineral Point Electric Light Co.,
Mineral Point, Wis.

INDETERMINATE PERMIT.

Inquiry as to what course it is necessary to take to surrender franchise and receive therefor an indeterminate permit.

Held: In order to receive an indeterminate permit, a public utility corporation may file at any time before the expiration of its franchise, and before July 1, 1908, with the clerk of the municipality which granted the franchise, and with this Commission, a written declaration, legally executed, that said franchise is surrendered by said company, and that the company will receive, by operation of law, in lieu thereof, an indeterminate permit. No action is required by the Commission.

No. 57.

Nov. 16, 1907.

C. F. Shuler,
Dayton, O.

INDETERMINATE PERMITS.

Inquiry regarding the Wisconsin Public Utilities Law, as to extent of control by Commission over franchises granted by municipalities. Information was given as to method of municipality taking over utility under indeterminate feature of the law.

No. 58.

Nov. 19, 1907.

Stange Lumber Co.,
Merrill, Wis.

WHAT CONSTITUTES A PUBLIC UTILITY.

In the above entitled matter John Van Hecke, attorney for the above named company, addressed a communication to the Commission stating that it is a lumbering corporation, not authorized in its articles of incorporation to operate an electric light plant except in connection with the operation of its usual mill and manufacturing plant. That it has no franchise from the city of Merrill and is not furnishing light for the public.

That A. H. Stange is the principal stockholder in the above named company and also in the Hotel Badger Co. and in the Lincoln County Bank.

That the above named company is lighting the hotel controlled by the hotel company, the building used by the bank, and the homes of four directors of the Stange company, and the home of its attorney, but does not feel that it is under any obligation to furnish light to other persons.

Held: That under the circumstances above recited, and in view of sec. 1797m—1 of the Public Utilities Law, which defines a public utility to “mean and embrace every corporation * * * that now or hereafter may own or operate * * * any plant * * * for the production and transmission * * * of light * * * either directly or indirectly to or for the public,” the above named company is a public utility.

No. 59.

Nov. 19, 1907.

Two Rivers Water & Light Co.,
Two Rivers, Wis.

REPORT FOR FISCAL YEAR.

Informal application for permission to include months of March, April, May and June of 1907 in annual report, on account of the fact that the fiscal year of the plant ends with the last day of February. Applicant was advised that permission asked for would be granted as to the first report, but that subsequent reports must cover the twelve months ending with the last day of June.

No. 60.

Nov. 18, 1907.

Lapp & Sturmer,
Dorchester, Wis.

FREE TELEPHONES FOR AGENTS.

Inquiring as to whether telephones placed in the homes of agents at Green Grove, Curtin and Millen must be charged for.

Held: That no charge need be made for this service so long as the agents use these telephones in connection with the business of the company, which they handle as such agents.

No. 62.

Nov. 21, 1907.

*Barron County Telephone Co.,
Rice Lake, Wis.*

FREE TELEPHONE SERVICE.

The above named company inquired whether it was at liberty to continue in service free of charge a telephone in the joint depot of the "Omaha" and the "Sco" lines at Cameron, said telephone being used entirely in connection with the joint business of the Western Union Telegraph Co. and the Barron County Telephone Co. In view of the fact that this question had not previously been before the Commission, it was deemed improper to express informally an opinion thereon, but the telephone company was referred to the provisions of the Public Utilities Law.

No. 63.

Nov. 21, 1907.

*Richfield, Hubertus & Holy Hill Telephone Co.,
Richfield, Wis.*

APPLICATION TO REDUCE TELEPHONE RATES.

The above named company applied for authority to reduce its rate of 15 cts. between Hubertus and Menomonee Falls to 10 cts., and was advised that utilities could reduce their rates without application to the Commission.

No. 64.

Nov. 7, 1907.

*Hand Knit Hosiery Co.,
Sheboygan, Wis.*

REQUEST FOR ELECTRIC METER INSPECTION.

The above named company complained of marked advances in monthly bills for power, and ascribed the cause of the trouble to an incorrect meter measurement of the current supplied by the Sheboygan Light, Power and Railway Co. Complainant applied for blanks upon which to make formal complaint against the utility, and also applied for an inspection of the meter. The Commission was afterwards advised that the matter had been satisfactorily adjusted.

No. 65.

Nov. 26, 1908.

*La Crosse Telephone Co.,
La Crosse, Wis.*

FREE SERVICE TO CHARITABLE AND RELIGIOUS INSTITUTIONS.

The above named company, by its attorney, George W. Gordon, made inquiry as to whether it is lawful under the Public Utilities Law to give telephone service free or at reduced rates to a city or county, or to charitable and religious institutions.

Held: Such service is prohibited. City and county, and charitable and religious institutions, must be charged the same rates for the same service that individuals or corporations are charged.

No. 66.

Nov. 25, 1907.

*Andrews & Rush,
Loyal, Wis.*

VALIDITY OF LIGHTING FRANCHISE.

Inquiring whether the village of Loyal, proposing to establish a lighting plant, could do so without applying to the Commission for a certificate of public convenience and necessity, in view of the facts that a private individual has an unexpired franchise and a contract to furnish lights to the village, a provision of said contract being, that in the event of his abandonment of the operation of the plant, the franchise shall be null and void, and it being the fact that he has so abandoned the operation of the plant.

Held: That the question turns upon the validity of the exclusive franchise given the individual, and as to the surrender of the franchise under the contract by abandoning the operation of the plant. On these questions the Commission expressed no opinion.

No. 67.

Nov. 25, 1907.

*Appleton Water Works Co.,
Appleton, Wis.*

PENALTY FOR FAILURE TO PAY PROMPTLY.

The above named company advised the Commission that it had applied a rule assessing a penalty of 10 per cent, in addition to regular quarterly bills, for water service, in such cases where consumers failed to pay within a month after the bills

were due, and desired an opinion by the Commission as to the legality of this rule. The rule in question was in effect before April 1, 1907, and did not amount to an increase in rates, and the company was advised that the Commission could see no objection to its enforcement.

No. 68.

Nov. 26, 1907.

Unity & Western Telephone Co.,
Unity, Wis.

MUTUAL TELEPHONE COMPANY NOT A PUBLIC UTILITY.

The above named telephone company, a mutual organization having as subscribers its stockholders and no others, found it necessary to raise money for the purpose of making needed repairs to its line, and assessed each stockholder \$3.50 as line rental. Some of the stockholders objected, declaring this to be in effect a raise of rates and in conflict with the Public Utilities Law.

Held: That the company is merely an organization of individuals for mutual convenience, and not a public utility subject to supervision by the Commission.

No. 69.

Nov. 23, 1907.

Sheboygan Light, Power & Railway Co.,
Sheboygan, Wis.

APPLICATION OF MINIMUM CHARGE FOR CURRENT.

Inquiry as to whether the minimum charge of \$1.00 per month would necessarily govern, in case a contract were made by the company to furnish power to a factory just outside the city limits, said contract including an agreed minimum of \$600 a year, and the furnishing of such service necessitating an extension of line costing some \$2,500. The above company desired not to make the expenditure unless the stipulated minimum for this factory service, \$600, would stand, and not have to be waived in any event in favor of the ordinary minimum of \$1.00 a month.

Held: A public utility may establish a new rate for a new class of business under different circumstances and conditions

from any service it has heretofore rendered, and such new rate is not an increase in its rates which would require an application to the Commission under the provisions of sec. 1797m—105 of the Public Utilities Law.

No. 70.

Nov. 27, 1907.

Mineral Point Electric Light Company,
Mineral Point, Wis.

FREE ELECTRIC SERVICE TO CHURCHES AND FIRE DEPARTMENT.

Inquiry as to whether it is lawful to provide free service to churches, public library and the fire department.

Held: That it is not permissible to furnish electric lights free or at reduced rates not open to the general public, to churches or to the municipality, unless the rates are based upon a contract made prior to the passage of the law. It may be that reduced rates to churches can be justified on account of the time lights are used, but if this is the case, the same rate must be open to all parties using light under the same circumstances and conditions.

No. 71.

Nov. 28, 1907.

Milwaukee Optical Manufacturing Co.,
Milwaukee, Wis.

vs.

Wisconsin Telephone Co.

INTERIOR TELEPHONE SYSTEM.

Complainant herein alleged, that the charges of the above mentioned telephone company for private interior systems used in connection with the exchange, were prohibitive, and desired to know if it would be permissible for it to install, at its own expense, a private interior system and connect it with the system of the above named telephone company.

Held: The question herein involves the reasonableness of the rate charged for the service, and that could be brought before the Commission by filing a formal complaint.

No. 72.

Nov. 29, 1907.

W. G. Race, *vs.*
Oconomowoc, Wis.

Wisconsin Telephone Co.

ALLEGED ILLEGAL ADVANCE IN TELEPHONE RATES.

Complainant herein alleged that the above named telephone company had advanced its rates in the city of Oconomowoc from

\$1.50 to \$2.00 per month for residence service, and from \$2.00 to \$2.50 for business service, and protesting that such advance was illegal, as the increased rates were more than other cities of the same size are paying.

The correspondence developed that the apparent raise of rates was pursuant to a contract made in April, 1906, when an agreement was made to change the service from a grounded service to a full metallic circuit. See *Doyle v. Wis. Tel. Co.*, informal complaint No. 5.

No. 73.

Dec. 2, 1907.

Janesville Water Co.,
Janesville, Wis.

DISCRIMINATIONS IN RULE FOR PAYMENT.

The above named company advised the Commission that its rules require the payment of all bills for water within twenty-five days after same are due, and asked whether the company could allow parties who are sick, absent from the city, or who have other reasonable excuse, an extension of time in which to make payment, without violating the Public Utilities Law.

Held: If the rules of the company provide that discounts can only be allowed if bills are paid on or before a certain date, any extension of that time would amount to a discrimination.

No. 74.

Dec. 2, 1907.

Burne Pollock, vs. *Wisconsin Telephone Co.*
Lancaster, Wis.

ALLEGED ILLEGAL RAISE OF TELEPHONE RATES.

Complainant herein, a newspaper publisher, alleged that the above named company had given notice of an advance of rate from \$1.25 to \$2.50 per month. Complainant was advised that if the lower rate was in effect on April 1, 1907, it was the legal rate and could not be advanced without application and hearing before the Commission. It later developed that the rate in question was a "special rate" allowed to newspapers, and was proposed by the telephone company to be withdrawn as a discrimination against other business houses. The matter was not brought formally within the jurisdiction of the Commission. See decision of the Commission *In re Free and Reduced Rate Telephone Service*, Finding 2, 2 W. R. C. R. 542.

No. 75.

Dec. 2, 1907.

*Wisconsin & Northern R. R. Co.,
Oshkosh, Wis.*

BEGINNING OF TELEPHONE BUSINESS.

The above entitled railroad company advised the Commission that it was erecting a pole line along its route from Shawano to Van Ostrand, 37 miles, that it was to establish a telephone system for use in operating its trains, and that it proposed to allow the public to use the line, and the company desired to be advised as to the obligations it would assume thereby under the provision of the Public Utilities Law, and whether it could connect its lines with that of another company.

Information was forwarded as requested, advising the company that a schedule of rates might be established by filing same with this Commission ten days prior to the same becoming effective, that if the public be dissatisfied with said rates they might complain to the Commission, and that nothing in the law would prevent the connection of the proposed system with that of another company.

No. 76.

Dec. 3, 1907.

City of Eau Claire.

CONSTRUCTION OF PUBLIC UTILITIES LAW.

Asking for construction of paragraph 1, section 91, of the Public Utilities Law, with reference to the payment by the city of its lighting bills in time to take advantage of the discount offered by the lighting company on bills payable on or before a certain date. It appeared that these bills had to be audited and allowed by the city council, and that the time of the meetings of the council did not permit this auditing within the period allowed for the discount.

Held: That no exception can be made in this matter. If the general public must pay its bills within a given time in order to get the discount, the city must also pay its bills in the same manner. The lighting company might extend the time to all users or the city council could change its time of meeting.

No. 77.
E. H. Olds,

Dec. 3, 1907.

Appleton, Wis.

REQUIREMENT OF ADVANCE PAYMENT.

Complainant herein alleged that the local water company was requiring payment in advance for water, and complainant took the view that bills were not to be considered due until after "the goods were delivered." Complainant was advised that this proposition had been previously submitted to the Commission and it was held that the rule was not unlawful, so long as it applied to all consumers alike without discrimination.

No. 78.
N. E. Bersing,

Dec. 6, 1907.

Eleva, Wis.

PHYSICAL TELEPHONE CONNECTIONS.

Inquiry as to whether the Public Utilities Law provides for compulsory connections between telephone companies.

Held: That the law does not provide means for compelling connections between telephone companies if either company interested object to such a proposed connection.

No. 79.
W. P. Roseman,

Dec. 5, 1907.

Watertown, Wis.

RESIDENCE RATES FOR TELEPHONES IN LIBRARIES.

Inquiry as to whether it would be deemed a discrimination for a telephone company to charge for service in a public library the rate charged for residences. Matter was referred to the telephone company in the absence of sufficient facts to enable the Commission to determine the question. No classification was made, but the informal opinion was given that a library was not a residence, and that if the telephones were classified as residence and business, the library would clearly come under the classification of a place of business rather than a residence. See Finding 2 *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 542.

No. 80.

Dec. 6, 1907.

Edgerton Telephone Company,
Edgerton, Wis.

DISCOUNT FOR ADVANCE PAYMENT.

The above named company asked whether it would be proper to make contracts for a year and allow a discount of 10 per cent for payment in advance.

Held: That such practice would be proper if rates are not increased nor discriminatory.

No. 81.

Dec. 5, 1907.

Lapp & Sturmer,
Dorchester, Wis.

INDETERMINATE PROVISION OF PUBLIC UTILITIES LAW DOES NOT
APPLY TO TELEPHONE COMPANIES.

The above named firm represented to the Commission that said firm had received a telephone franchise from the village of Dorchester, had established the exchange and was furnishing good service, and asked to be advised whether the village could lawfully grant another franchise to a competing company.

Held: That the indeterminate permit feature of the Public Utilities Law does not apply to telephone companies.

No. 82.

Dec. 9, 1907.

Blodgett Milling Co., vs. Beloit Water, Gas & Electric Co.
Janesville, Wis.

WHOLESALE RATES FOR POWER.

Complainant herein, operating an elevator in the city of Beloit, entered into a contract with the above named electric service company to furnish current for power, at a rate "that would cost complainant about the same as steam power," with a minimum charge of \$7.50 per month, but that the service company had taken the matter up with complainant and represented that "on account of the passage of the Utility Bill," they would have to charge regular rates. Complainant asked to be advised whether the new law would cancel existing contracts, and whether the minimum rate was reasonable, it being the same as given to other customers.

Held: That the Commission is not possessed of means of knowing whether the rate of \$7.50 a month is reasonable for

the service furnished, and does not express an opinion as to that question; that as to the contract in question, it is customary for companies doing business in the state to make wholesale rates for power, and that such wholesale rates are allowable if granted to all alike under similar circumstances and conditions; also, that the Public Utilities Law does not cancel or affect contracts in force at the time of the enactment of said law, until such contracts shall be terminated or renewed.

No. 83.

Dec. 9, 1907.

*Farmers Inter-County Mutual Telephone Co.,
Kilbourn, Wis.*

FREE TELEPHONE SERVICE TO RAILROADS.

The above named telephone company asked to be advised whether free service to a railroad company in depot and to station agents at their residences is prohibited by the Public Utilities Law.

Held: That such practice is prohibited by the law. See Finding 3. *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 543.

No. 84.

Dec. 10, 1907.

*Burlington, Rochester & Kansasville Telephone Co.,
Burlington, Wis.*

FREE TELEPHONE IN DEPOT.

Inquiring whether free service in railroad depot is discrimination or otherwise prohibited under the Public Utilities Law.

Held: That such practice is prohibited; that railroads can be compelled to provide telephone service in depots. See Finding 3 *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 543.

No. 85.

Dec. 12, 1907.

*J. Hochstein,
Hudson, Wis.*

WITHDRAWAL OF FREE TELEPHONE SERVICE.

Complainant herein remonstrated against the withdrawal by the Northwestern Telephone Exchange Co. of the privilege of using the farmer lines free of toll charge. The Commission ad-

vised the company that the withdrawal of these privileges appeared to constitute an increase in rates and could be done only after application to the Commission, according to the provisions of the Public Utilities Law. The company, however, maintained that such privileges were accorded irregularly by local managers, but were cut off upon instructions from the general offices of the company, pursuant to the provisions of the Public Utilities Law, and the matter was not carried farther by the complainant.

No. 86.

Dec. 5, 1907.

W. M. Steele,

Superior, Wis.

CONSTRUCTION OF PUBLIC UTILITIES LAW.

The above, attorney for the Douglas County Telephone Co., propounded to the Commission, pursuant to an invitation extended at the conference with telephone companies, held at Madison in August, 1907, a series of questions involving construction of the Public Utilities Law, with particular reference to free and reduced rate service, the questions and the holdings thereon being as follows:

1. Where rules of company require payment quarterly in advance within thirty days, may discount be allowed to customers who pay monthly in advance?

Held: That such practice would be discrimination, unless provided for in its legally published schedules of rates.

2. May a utility allow the United States government to pay at end of quarter and still derive benefit of discount for advance payment, since federal regulations prohibit payments in advance?

Held: Such practice would constitute discrimination.

3. Would it be discrimination if any subscribers were, for any reason, allowed to enjoy the discount for advance payment if payment be made after the date specified in the rule?

Held: That such departures from the rules would be discriminatory.

4. May free service be given for a limited time as an advertisement or inducement to secure new subscribers; and is a limited call service permissible, applied only to new subscribers, also as an advertisement to induce new business?

Held: All such variations from the published rates, open to some persons and denied to others, are discriminations.

5. Is it permissible to offer special rate for business and residence phones on special wire?

Held: Such practice is not discrimination if the offer is held out to all patrons alike.

6. Can free service be continued to municipality where the franchise calls for certain free service?

This question was not passed upon at this time, but later it came before the Commission and it was

Held: That as telephone utilities do not require franchises granted by localities, but get their franchise rights from the state, a so-called franchise granted by a locality does not constitute a contractual relationship such as to protect and continue free service under such pretended grant or franchise, and that such free service is prohibited by the Public Utilities Law. The so-called franchise is void, under the ruling of the supreme court in *State v. Milwaukee Independent Telephone Co.*, 114 N. W. Rep. 108. The only authority vested in the city under sec. 1778 is that of the exercise of the police power.

No. 87.

Dec. 9, 1907.

*Taylor Feed Co.,
Platteville, Wis.*

CONSTRUCTION OF LAW; TELEPHONE RATES.

Inquiring whether Platteville, Rewey & Ellenboro Telephone Co. may furnish house phones to those who purchased stock while offer was held out, and whether the withdrawal of this offer constitutes a discrimination against new subscribers.

More definite information was asked for by the Commission, which was not furnished.

No. 88.

Dec. 14, 1907.

*Ripon Light & Water Co.,
Ripon, Wis.*

ELIMINATING DISCRIMINATORY RATES.

Inquiring whether a utility, having in force discriminatory rates and desiring to discontinue the same, must apply to the Commission for authority.

Held: That all discriminations are prohibited by the Public Utilities Law, and that in case of change or equalization of rates, schedule covering such rates should be filed with the Commission; if such equalization involves an increase of rates, application must be made for authority.

No. 89.

Dec. 18, 1907.

Frank Winterling,

Ft. Atkinson, Wis.

ELIMINATING DISCRIMINATORY RATES.

Inquiry as to whether a utility must file changes of rates with the Commission in cases of changes of rates made in order to eliminate discrimination, so as to relieve the utility from the penalties for discrimination.

Held: That authority must be secured from the Commission to increase rates, whether increased for the purpose of eliminating discrimination or for other reason.

See *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 90.

Dec. 18, 1907.

Unity & Western Telephone Co.,

Unity, Wis.

MUTUAL TELEPHONE ASSOCIATION, WHEN A PUBLIC UTILITY.

The above named company, a private association for the benefit of its stockholders, desired to be advised whether it would be required to furnish service to the general public, once it began to furnish service to anyone outside of the association.

Held: That the furnishing of service to persons outside of the association constitutes public utility business, in which case the company is required by law to furnish service to the public generally, without discrimination.

No. 91.

Dec. 11, 1907.

Highland Commercial Club,

Highland, Wis.

PHYSICAL TELEPHONE CONNECTIONS.

Inquiry by the above named organization as to whether one telephone company can be required to make physical connection with another company's system.

Held: That no such provision is contained in the statutes.

No. 92.

Dec. 16, 1907.

*Platteville, Rewey & Ellenboro Telephone Co.,
Platteville, Wis.*

SPECIAL TELEPHONE RATES TO STOCKHOLDERS.

The above named telephone company inquired whether the continuance of special rates to certain buyers of stock, the giving of which special rates was in part consideration for the purchase of the stock, is discrimination; whether the same rates as are charged stockholders must be charged the general public; whether application must be made to the Commission to "level" rates, and if the company has a right to cut out one telephone in cases where two instruments are maintained on one share of stock.

Held: That contracts providing for lower rates than those given to the general public, such contracts being made prior to April 1, 1907, are declared by the Public Utilities Law, sec. 91, not to be discriminatory; that a public utility must charge stockholders the same rates as those charged the general public for the same service under the same circumstances and conditions; that if the process of "leveling" rates involves the raising of any rates, application for authority to make such change must be made to the Commission; that the right of the company to cut out certain telephones depends upon the nature of the contracts under which such telephones were secured. See *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 93.

Dec. 16, 1907.

*Price County Telephone Co.,
Phillips, Wis.*

FREE TELEPHONES.

Inquiry as to whether it is allowable under the Public Utilities Law to maintain free telephones in city offices, when the franchise of the company stipulates such free service; also whether free service to depots is allowable under the law.

Held: That there can be no discrimination in public utility rates; that free service to railroad depots and to city offices is discriminatory and forbidden as a general proposition, but if a valid contract was made with the city prior to April 1, 1907, such contract will not be disturbed during its life time. See Finding 3, *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521, 543.

No. 94.

Dec. 13, 1907.

*Ripon Light & Water Co.,
Ripon, Wis.*

ENFORCEMENT OF DISCOUNT RULE.

The above named company inquired whether it would be chargeable with discrimination if it allowed some customers to enjoy the prompt payment discount if they were not absolutely within the time specified.

Held: That if a rule providing for a discount for prompt payment, for stopping the water in case of delinquency, and for fine or penalty or other charge for turning on the service, is to be enforced at all, it must be enforced against all consumers alike.

No. 95.

Dec. 21, 1907.

*Albert H. Sanford,
Stevens Point, Wis.*

SHORT TERM TELEPHONE CONTRACTS.

Inquiry whether Wisconsin Telephone Co. has a right to insist upon yearly contracts and refuse to write contracts for a shorter period.

Held: That the question has never been passed upon by the Commission and would have to be brought up as a formal matter in order to reach a decision.

No. 96.

Dec. 21, 1907.

*Thomas R. Mundy,
Dodgeville, Wis.*

MUNICIPAL ELECTRIC PLANT.

Asking whether a municipality may construct an electric lighting plant when an existing private corporation holds a franchise and is in operation, but not under an indeterminate permit.

Held: The municipality may grant another franchise or, if there is not already in operation under an indeterminate permit another utility giving the same service, construct a municipal plant, but that the present company can, within the time prescribed in the Public Utilities Law, surrender its franchise

and acquire an indeterminate permit, after which it would be necessary for the city to obtain a certificate of public convenience and necessity before the municipal plant could be constructed.

No. 97. Dec. 18, 1907.
John Luchsinger, *vs.* *Monroe Telephone Co.*
Monroe, Wis.

SHORT TERM TELEPHONE CONTRACTS.

Complainant herein alleged that the above named telephone company refused to serve new subscribers unless they signed contracts for at least a year.

Held: That decision in the Brodhead case goes only to the question of the continuance of contracts and the power of either party to terminate them, and does not deal with the right of a company to insist upon a yearly contract.

No. 98. Dec. 28, 1907.
Citizens' Telephone Co.,
Racine, Wis.

MEASURED TELEPHONE SERVICE IN DEPOTS.

Inquiry as to whether installation of measured service in railroad depots would be discrimination, in view of the fact that most of the business of the company is on the flat rate basis.

Held: That the proposed service to depots would not be discriminatory if the company allowed the same arrangement to be had by the public generally.

No. 99. Dec. 31, 1907.
Fred Dugdale,
Platteville, Wis.

CHARGE FOR GIVING AWAY WATER.

The above complainant desired to be advised whether the Platteville Water Works could legally charge him twice the minimum rate of \$2 for water, because he gave his neighbor some water from his faucet, the meter registering less than the amount allowed for the minimum charge. The matter was referred to the city authorities, who insisted on the additional

charge, referring to action taken by the city council, and the complainant was advised that he might file a formal complaint and thus bring the matter before the Commission; but no further action was taken.

No. 100.

Jan. 6, 1908.

E. W. Le Roy,

Marinette, Wis.

ALLEGED RAISE IN RATES.

Complainant herein alleged that the light and traction company of Marinette had made an illegal advance in rates, such as complainant submitted was in violation of the Public Utilities Law, and he asked to be advised whether the additional charges so exacted were recoverable.

The matter was taken up with the company, and the Commission was advised that there had been no raise in rates from the regular schedule in force when the Public Utilities Law took effect, and which schedule was filed with the Commission, but that discrimination had developed in the business in that some favors were shown, and that the apparent raise was elimination of discrimination.

No. 101.

Dec. 21, 1907.

Thomas M. Priestly,

Mineral Point, Wis.

POWERS OF COMMON COUNCIL.

Inquiry as to whether the common council may pass an ordinance fixing a reasonable charge for the use of the streets by a utility operating under an indeterminate permit, and whether the common council can compel a utility to bear the expense of putting in additions and extensions.

Held: That owing to the importance of the first inquiry, the Commission deems it wise to withhold making a decision until the point is raised in a formal complaint; that as to the second inquiry, the common council may require all additions and extensions demanded by growing communities.

No. 102.

Jan. 6, 1908.

*Pedersen Bros.,
Luck, Wis.*

DEFINITION OF UTILITY; LIGHTING.

Inquiry as to whether the above firm is a public utility company, it having obtained a franchise to furnish electric light and power and to light the streets of the village, and having constructed a plant.

Held: That this firm comes within the definition of a public utility and is subject to the provisions of the Public Utilities Law.

No. 103.

Dec. 31, 1907.

*Mondovi Telephone Co., vs. Wisconsin Telephone Co.
Mondovi, Wis.*

CONSTRUCTION OF TELEPHONE CONTRACT.

Complainant herein alleged that the Wisconsin Telephone Co. had given notice that it would terminate a contract between the two companies, because of a disagreement over terminal charges, and asking whether physical connections could be compelled outside of contract obligations, and whether the Wisconsin Telephone Co. is guilty of discrimination by charging more to the complainant company for use of instruments than is charged to other companies for the same instruments.

Held: That the Commission has no jurisdiction over contracts between companies; that no physical connection can be compelled under the Public Utilities Law, and that the matter of charges by one company to another company for use of instruments, is a matter of contract between the two companies.

No. 104.

Jan. 4, 1908.

*Boscobel Telephone Co.,
Boscobel, Wis.*

TELEPHONE DISCRIMINATIONS.

Inquiry whether the practice of charging some subscribers on farmers' lines for use of "central" and not others, is discrimination.

Held: Such practice is discriminatory.

No. 105.

Jan. 3, 1908.

*E. W. Paulson,**Chilton, Wis.*

DEFINITION OF UTILITY; LIGHTING.

Inquiry as to whether a corporation which furnishes electric current to some private parties, but does not operate under any franchise and does not string its wires or erect its poles on any public highway, comes under the provisions of the Public Utilities Law.

Held: That such a corporation is a public utility.

No. 106.

Jan. 1, 1908.

*A. W. Sanborn,**Ashland, Wis.*

DISCRIMINATION IN COLLECTIONS.

Inquiry as to whether practice of allowing some patrons of a utility to enjoy the prompt payment discount, even though they make payment after the date specified in the prompt payment discount rule.

Held: That such practice is discriminatory; that such a rule, if enforced at all, must be applied to all alike.

No. 107.

Jan. 9, 1908.

C. Eissfeldt, vs.*Wisconsin Telephone Co.**Wauwatosa, Wis.*

ALLEGED INCREASE OF TELEPHONE RATES.

Complainant herein alleged that the above named telephone company had advanced its rates to the Lutheran Children's Home from \$30.00 to \$96.00 a year. The matter was taken up with the company, and it was represented that the former rate charged was a discrimination and not according to the schedule on file with the Commission, and that the change was made in accordance with an effort by the company to eliminate discrimination, in obedience to the Public Utilities Law. See Finding 2, *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 542.

No. 108.

Jan. 7, 1908.

J. H. Warner, vs. *Wisconsin Telephone Co.*
3706 Galena Street, Milwaukee, Wis.

ALLEGED OVERCHARGE FOR TELEPHONE.

Complainant herein alleged that the above named company proposed to enforce a provision of a contract, according to which half of the amount a telephone would earn during remainder of contract period was to be collected when complainant ordered the telephone taken out. Complainant advised the Commission of his understanding that the decision *In re Brodhead Telephone Co.*, 2 W. R. C. R. 113, prevented the enforcement of this provision of the contract.

Held: That the above cited decision goes only to the continuance of contracts made prior to the enactment of the Public Utilities Law and allowed to be renewed from time to time, and does not affect the plain provisions of the contract in question herein.

No. 109.

Jan. 7, 1908.

Crandall & Turner,
Burkhardt, Wis.

TELEPHONE IN DEPOT.

Inquiry as to what arrangement could legally be made to continue a telephone in a railroad station, which telephone was taken out because of the prohibition of free service to railroads.

Held: That a telephone might be installed in the station on the measured service plan, or that ch. 614, Laws of 1907, might be invoked.

No. 110.

Jan. 7, 1908.

L. B. Gregg,
Wauwatosa, Wis.

ALLEGED EXCESSIVE GAS RATES.

Complaint alleging excessive rates for gas in the city of Wauwatosa. Complainant was advised of the provisions of law and was supplied with blanks for the making of the necessary formal complaint, which complaint was not filed.

No. 111.

Jan. 10, 1908.

*L. Philipson,**Mt. Hope, Wis.*

CHANGE OF TELEPHONE RATES; INCREASE.

Inquiry whether a change of telephone rates, from a flat rate per year for unlimited service to the switchboard fee system, constitutes an increase of rates, the allegation being made that such change would amount to increasing the cost of a telephone about one-third over the present cost to a subscriber.

Held: That such change amounts to an increase of rates and is prohibited, unless application be made to the Commission and authority be granted according to the Public Utilities Law.

No. 112.

Dec. 30, 1907.

*L. P. Fox,**Chilton, Wis.*

CONSTRUCTION OF PUBLIC UTILITIES LAW.

Inquiry as to procedure required by city council when a utility surrenders its franchise and acquires an indeterminate permit.

Held: That the indeterminate permit results by operation of law and not by any act of the municipality.

No. 113.

Jan. 11, 1908.

*Manitowoc & Western Telephone Co., vs.**Branch, Wis.**Rapids & Western Telephone Co.*

PROTECTION AGAINST TELEPHONE COMPETITION.

Complainant in the above entitled matter alleged that the Rapids & Western Telephone Company had built a line into the territory in which the complainant is operating, and asking to be protected against this competition.

Held: That the Public Utilities Law contains no provisions calculated to prevent competition between telephone companies.

No. 114.

Jan. 10, 1908.

Chippewa Valley Electric Railroad Co.

FREE OR REDUCED ELECTRICITY RATES TO EMPLOYEES.

The above named company advised the Commission that it had been furnishing electric lights free to its employes and

would like to know if it could continue this practice; if not, could it give special rates to employes, lower than to the general public.

Held: Free or reduced rates to employes are clearly unlawful.

No. 115.

Jan. 14, 1908.

H. J. Evans,

Wausau, Wis.

ALLEGED DISCRIMINATION IN POWER RATES.

Complainant herein alleged that small consumers of power in the city of Wausau were being discriminated against in that they were being charged more than large consumers. Complainant was advised that the matter would be investigated and a decision rendered if a formal complaint were filed as provided for by law, and blanks for such formal complaint were forwarded but not returned.

No. 116.

Jan. 11, 1908.

S. M. Reinhardt, vs.

Wisconsin Telephone Co.

Burlington, Wis.

ALLEGED UNLAWFUL RAISE OF RATES.

Complainant herein alleged that the above named company had raised its charges from \$1.00 per month to \$2.00 per month, and had compelled him to take out one telephone and replace it with another. The change was due to a change from grounded circuit to metallic circuit, but complainant maintained that he ought not to have been compelled to accept metallic service at other than the rates for grounded service, and blanks were forwarded to him with the suggestion that he might present the matter in a formal complaint.

A formal complaint was later filed, but it is still undecided.

No. 117.

Jan. 17, 1908.

The William Doerflinger Co.,

La Crosse, Wis.

COMPULSORY CONNECTIONS.

Complainant herein alleged that it had installed a private interior telephone system, which was connected with the lines

of the Ia Crosse Telephone Co.; that an application had been made to the Wisconsin Telephone Co. to have it also connect with the same system, so as to enable the complainant to reach the subscribers of both systems over its interior system, and inquiring whether the last above mentioned company could not be compelled to furnish the service asked for.

Held: Such connection would amount to a physical connection between telephone companies, and as such is outside the jurisdiction of this Commission.

No. 118.

Jan. 11, 1908.

Eldon Babcock,

New London, Wis.

MUTUAL TELEPHONE COMPANY NOT A PUBLIC UTILITY.

Inquiry as to whether an organization of eight farmers as a mutual telephone company would constitute a public utility.

Held: That such mutual organization would not constitute a public utility, so long as the organization does not serve the public generally and confines its service to its members.

No. 119.

Jan. 15, 1908.

Viroqua Telephone Co.,

Viroqua, Wis.

FREE TELEPHONE SERVICE TO MUNICIPALITY.

Inquiry whether the Public Utilities Law prohibits the furnishing of free service to a municipality.

Held: That such free service is prohibited as discriminatory against the general public.

No. 120.

Jan. 17, 1908.

Williams & Williams,

vs.

Oshkosh Water Works Co.

Oshkosh, Wis.

ALLEGED OVERCHARGE FOR TURNING OFF WATER.

Complainant herein alleged that the above named company charged him an extra \$1.00 for turning off water, because of rule concerning prompt payment and delinquencies, but had not in fact turned off the water.

Held: That the charge of \$1.00 was not proper unless the water had in fact been turned off.

No. 121.

Jan. 23, 1908.

Rev. Paul E. Scheidel, vs. *Wisconsin Telephone Co.*
Menomonee Falls, Wis.

COMPLAINT AS TO TELEPHONE SERVICE.

Complainant herein, a country pastor, set forth that he had attempted to designate to the above named telephone company the persons who should be permitted to call him by telephone, but that the local manager of the company had insisted that the company could not lawfully refuse to make a connection whenever complainant's number had been called for, and that as a result complainant was greatly bothered with calls on trivial matters.

Held: That the Public Utilities Law was intended to correct abuses, but that the legislature did not have in mind such a matter as involved in the complaint herein; that if a subscriber's name appears in the telephone directory, it is an invitation from the subscriber to the telephone company and the general public that subscriber's telephone number may be called for by any one desiring to converse with subscriber, and the only remedy apparent, is to have the number of the telephone changed and the subscriber's name taken out of the directory.

No. 122.

Jan. 24, 1908.

Knapp Telephone Co.,
Knapp, Wis.

PROMPT PAYMENT DISCOUNT.

The above named telephone company asked to be advised whether the plan of allowing a reduction for payment of a telephone bill four months in advance constituted a violation of the Public Utilities Law.

Held: Such practice is not a violation, as it amounts to a reduction of rates, but the same privilege must be accorded to all alike.

No. 123.

Jan. 23, 1908.

City of Burlington,
Burlington, Wis.

MUNICIPAL WATER PLANT ACCOUNTING.

The above named city, operating a municipal water plant, advised the Commission that in the accounting of said municipi-

pal plant no charge had ever been made for the use of 45 hydrants for fire protection, as such service was intended to cover and off-set interest and depreciation. As the Commission was not informed as to the amount properly creditable for this fire protection service and the amount properly chargeable for interest and depreciation, no opinion was expressed as to whether or not the arrangement was advisable.

No. 124.

Jan. 17, 1908.

Joseph Edwards,
Elroy, Wis.

CONSTRUCTION OF PUBLIC UTILITIES LAW; TELEPHONES.

Inquiry concerning provisions of Public Utilities Law and asking ruling as to reasonableness of certain rates. Some of the questions were presented with insufficient information or required investigation of local conditions before an answer could be made, but as to other questions, it was

Held: That there is no law compelling telephone companies to connect with one another under any conditions; that it is the purpose of the law to prevent the giving of free service to any one; that reasonableness of toll rates depends upon conditions and cost of service; that a rate offered to certain subscribers must be open alike to all the public.

No. 125.

Jan. 21, 1908.

Clear Lake Telephone Co.,
Clear Lake, Wis.

TELEPHONE IN DEPOT.

The above named telephone company advised the Commission that local business men were desirous of paying the regular rate for a telephone to be maintained in the railroad depot for the use and convenience of the public, and asked whether such an arrangement is contrary to law.

Held: There is nothing in the law to prevent such an arrangement.

No. 126.

Jan. 23, 1908.

*La Crosse Interurban Telephone Co.,
La Crosse, Wis.*

PROPOSAL TO INCREASE TELEPHONE RATES.

The above named company, having purchased certain telephone lines and desiring to readjust and increase rates, requested the Commission to advise as to whether certain rates on farmer lines, acquired by purchase, must be continued in force; whether all free service must be abolished over toll lines or may the company allow subscribers toll privileges free, and what notice must be given of changes of rates or service.

Held: That any increase over the rates in force on April 1, 1907, must be made in the manner prescribed by law, by making application to the Commission for authority; and that as to free toll service, it would be lawful to give such service alike to all subscribers.

No. 127.

In re UNIFORM ACCOUNTING FOR TELEPHONE COMPANIES.

The Commission, on its own motion, undertook an investigation of the systems of accounting in use by telephone companies, which investigation was not completed during the year covered by this report. The results of the investigation will be found in a subsequent report.

No. 128.

Jan. 27, 1908.

*Brodhead Telephone Co.,
Brodhead, Wis.*

TELEPHONE COMPETITION.

The above named telephone company asked to be advised as to the protection offered by the Public Utilities Law, if any, against competition from a line which proposed entering the territory of the complainant.

Held: That the indeterminate permit feature of the Public Utilities Law does not apply to telephone companies.

No. 129.

Jan. 30, 1908.

Badger Telephone Co., vs. *Wisconsin Telephone Co.*
Oconomowoc, Wis.

ALLEGED VIOLATION OF TELEPHONE CONTRACT.

Complainant herein protested that it had bought the North Lake Telephone exchange, but that the Wisconsin Telephone Co., contrary to contract, gave service to the Merton Telephone Co., which extended its line to North Lake, thereby becoming a competitor of the complainant company.

The matter complained of was outside the jurisdiction of the Commission, but was taken up informally by correspondence with the respondent company, leading to a satisfactory explanation and understanding.

No. 130.

Jan. 27, 1908.

Naylor & McCaul,
Tomah, Wis.

CONSTRUCTION OF UTILITIES LAW.

Inquiry as to whether a proposed issue of stock by the C. A. Goodyear Lumber Co., a corporation operating an electrical lighting plant as an incident to its business, would require authorization by the Commission, said issue of stock to be made for the lumber business and not for the electric lighting plant.

Held: It would be safest, in order to avoid question as to the legality of the stock issue, to make application to the Commission in accordance with ch. 576, Laws of 1907.

No. 131.

Jan. 27, 1908.

Henry D. Ryan,
Appleton, Wis.

COMPLAINT AS TO LIGHTING RATES.

Complainant herein, as city attorney of Appleton, advised the Commission that the common council had ordered complainant to apply to the Commission for adjustment and regulation of the rates for electric lighting, both public and private service, in said city; also that the same corporation serves the cities of Neenah and Appleton, and asking whether these two cities could jointly apply for adjustment of rates.

Held: That each city must make its own formal complaint.

No. 132.

Jan. 30, 1908.

Oconto Electric Co.,
Oconto, Wis.

DEFINITIONS OF TERMS.

Inquiring as to definitions of the terms "Fixed Charges," "Maintenance," "Depreciation," "Sinking Funds" and "Reserves."

Held: By "Fixed Charges" is meant interest on bonds, taxes and rentals; "Maintenance" means, or should include, the cost of current repairs and replacement of worn out property; "Depreciation" means, as a rule, the amount set aside above current repairs for replacing property that is worn out, or that must be replaced or reconstructed; "Sinking Funds" and "Reserves" should include money set aside for the redemption of bonds and for other similar purposes, and the latter should show the amounts set aside for other contingencies.

No. 133.

Jan. 31, 1908.

E. H. Hibbard, vs. *Wisconsin Telephone Co.*
Milwaukee, Wis.

ALLEGED DISCRIMINATION IN TELEPHONE SERVICE.

Complainant herein, an attorney at law, advised the Commission that he desired to file complaint against the above named telephone company, on the ground that it charged excessive rates for service and also discriminated against certain classes of "females." Complainant was supplied with blanks for the making of the necessary formal complaint.

No. 134.

Feb. 3, 1908.

Beloit Home Telephone Co.,
Beloit, Wis.

INVESTIGATION OF TELEPHONE RATES.

In the matter herein the schedule of rates on file with the Commission indicated that rates were increased between April 1 and September 1, 1907. The matter was taken up with the company, and the Commission was advised that it was incorporated June 19, 1907, and organized July 1, 1907, and acquired no franchise rights of the two old companies whose physical property it purchased, therefore being under no obligation to maintain the rates of the old companies.

No. 135. Feb. 3, 1908.
Frank Kohlmann, *vs.* *Wisconsin Telephone Co.*
Glenbeulah, Wis.

COMPLAINT CONCERNING TELEPHONE CONNECTIONS.

Complainant herein alleged that an organization of farmers had built a telephone line, and that the above named telephone company refused to connect with said line. The matter was taken up by correspondence with the company, adjustment seemed impossible to bring about by informal procedure, and a draft of a formal complaint was forwarded to complainant.

No. 136. Feb. 3, 1908.
Baraboo Lighting Co.,
Baraboo, Wis.

SPECIAL LIGHTING RATE TO HOTELS.

The above named company asked to be advised whether the granting of a discount from its regular rates to hotels, on account of the all-night load which hotels have, would be considered a discrimination.

Held: Such discount would be considered a discrimination.

No. 137. Feb. 4, 1908.
Marathon Zeigler Telephone Co., *vs.* *Marathon County Telephone Co.*
Marathon, Wis.

ALLEGED TELEPHONE DISCRIMINATION.

Respondent herein, as shown by its rates on file with the Commission, did not accord complainant as liberal rates as those accorded to other companies. The respondent company advised the Commission that it was willing to readjust if met half-way.

No. 138. Feb. 4, 1908.
Marathon-Zeigler Telephone Co., *vs.* *Wisconsin Telephone Co.*
Marathon, Wis.

ALLEGED EXORBITANT TOLL CHARGES.

Complainant herein represented that the respondent proposed to compel complainant to pay 50 cents per month for receivers and sign an agreement which in effect would prevent complainant from extending its line. Upon the matter being taken up

with respondent, the Commission was advised that the complainant was laboring under a misunderstanding, but that the matter would be taken up immediately with a view to adjusting the rates complained of.

No. 139.

Feb. 8, 1908.

*Michael Szolonicz et al., vs. Milwaukee Central Heating Co.
481 East Water Street, Milwaukee, Wis.*

ALLEGED EXCESSIVE HEATING CHARGES.

Complainants herein petitioned the Commission for redress, alleging that their bills for service, furnished by the above respondent, were running higher than previously. The matter was taken up informally with the respondent, resulting in an investigation, but not in a satisfactory adjustment between the parties. Formal complaint was not filed.

No. 140.

Feb. 3, 1908.

*Jos. Schauers, vs. Wisconsin Telephone Co.
Oconto, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein verbally alleged that the three-months contracts of the respondent company were exorbitant in rate, as compared with the yearly contracts. Respondent company advised the Commission that the higher rate for short-period contracts was to cover the cost of installation, which was considerable.

No. 141.

Feb. 5, 1908.

*Irving L. Fales,
Fort Atkinson, Wis.*

ALLEGED DISCRIMINATION IN CHARGES FOR ELECTRIC SERVICES.

Inquiry as to whether a municipality can charge a power consumer for his transformer and not charge the light consumer for his transformer, complainant alleging that this practice is a discrimination between the consumer of light and the consumer of power.

Held: That, as the charge appears to have been based upon rates in effect on April 1, 1907, they are the legally published rate, that there is no ruling showing that the practice complained of is discriminatory.

No. 142.

Feb. 12, 1908.

*Frank Jobelius,**Oconto Falls, Wis.*

COMPLAINT AS TO TELEPHONE SERVICE.

Complainant herein desired to be advised whether a telephone company could be required to deliver a message to a farmer living within a mile from the public telephone station. The matter being taken up by correspondence, the Commission was advised that the telephone company took the view that it was not in the business of delivering messages, but that its mission was simply to place parties in communication so that they could converse together at a distance, and complainant was so advised.

No. 143.

Feb. 13, 1908.

*La Crosse Telephone Co.,**La Crosse, Wis.*

SPECIAL RATE FOR OWNERS OF TELEPHONES.

Inquiry as to whether a telephone company may make a different charge to people owning their instruments from the charge made to subscribers who do not own their instruments.

See ruling in informal complaint *in re L. Crandall*, No. 236:

No. 144.

Feb. 18, 1908.

*John T. Gittings,**Union Grove, Wis.*

FREE TELEPHONE SERVICE.

Inquiry as to whether the furnishing of free telephones to ministers is lawful; and as to whether a railroad company can be required to provide telephone service in its depot.

Held: That the furnishing of free telephones to ministers is directly prohibited by the Public Utilities Law; and that the question of compelling railroads to provide the public with the convenience of telephone service is covered by ch. 614, Laws of 1907.

No. 145.
Chetek Light & Power Co.,
Chetek, Wis.

Feb. 18, 1908.

ALLEGED ILLEGAL RAISE OF LIGHTING RATES.

Complaint was made against the above named company, alleging that at the expiration of \$1-a-month contracts, it had, without authority, charged \$1.80. The matter was taken up with a view to bringing about a settlement by informal procedure, but this proved impossible, and blanks were forwarded for the filing of a formal complaint. Application was afterwards made to the Commission for authority to increase rates, see formal case p. 190, also 2 W. R. C. R. 662.

No. 146.
Unity & Western Telephone Co.,
Unity, Wis.

Feb. 12, 1908.

REFUSAL TO PAY REGULAR TELEPHONE RATES.

Complainant herein alleged that subscribers refused to pay the regular rates.

Held: That the remedy available was to disconnect and remove the telephones of subscribers who refused to pay the regular rates.

No. 147.
John F. Doherty,
La Crosse, Wis.

Feb. 22, 1908.

FREE WATER SERVICE.

Inquiry by city attorney of La Crosse, as to whether the giving of free water service to cemeteries, hospitals, orphan asylums and similar institutions is to be construed as discrimination.

Held: That such free service is prohibited by the Public Utilities Law.

No. 148.
Marquette Telephone Co.,
Montello, Wis.

Feb. 25, 1908.

LOCAL TELEPHONE FRANCHISE.

The above named telephone company inquired as to whether the indeterminate feature of the Public Utilities Law applies

to telephone companies, and whether a telephone company can secure a franchise from a city or village without the sanction of the Railroad Commission.

Held: That the indeterminate feature of the law does not apply to telephone companies.

No. 149.

Mar. 3, 1908.

Masters, Graves & Masters,
Sparta, Wis.

INDETERMINATE PERMIT.

The above named firm of attorneys, representing the Cashton Milling Company of Cashton, Wis., made inquiry as to the method of procedure for a utility to avail itself of the provisions of the indeterminate feature of the Public Utilities Law, which information was furnished.

No. 150.

Mar. 5, 1908.

J. J. Ihrig, *vs.*
Oshkosh, Wis.

Wisconsin Telephone Co.

ALLEGED TELEPHONE DISCRIMINATION.

Complainant herein alleged that the above named telephone company charged him \$1.75 per month for a four-party line telephone, which complainant declared was excessive and discriminatory. No such rate being contained in the schedule filed by the company, the president thereof was addressed for an explanation. An investigation was promised, and the Commission was advised that the reason for this rate was the fact that the complainant resided outside of the city limits and was not entitled to the rates for subscribers within the city. Complainant was so advised, but he was not inclined to press the matter to a formal complaint. See formal utility case No. 47, *Reinardy v. Wis. Telephone Co.*

No. 151.

Mar. 5, 1908.

Unity & Western Telephone Co.,
Unity, Wis.

CAPITALIZATION AND ABUSE OF RULES.

Inquiring whether the Public Utilities Law affected the increase of stock of a telephone company; and whether a telephone

company had a right to remove the telephone of a subscriber who violates its rules, by connecting on to the system a branch or a connection with another company's system.

Held: The Public Utilities Law does not in any way affect the matter of increase of capital stock of a telephone company, which matter is governed by the articles of incorporation; and that a company would be within its legal rights in discontinuing service to a subscriber who violated its reasonable rules and regulations.

No. 152.

Feb. 27, 1908.

*Case & Poole, vs. Medford Telephone Exchange Co.
Medford, Wis.*

ALLEGED DISCRIMINATION IN TELEPHONE SERVICE.

Complainants herein alleged that the respondent telephone company had refused to install a telephone in the store of the complainants, although requested to do so, and although a telephone was installed in the store of the competitor of complainants. The matter was taken up with the company and a satisfactory adjustment of the situation resulted.

No. 153.

Feb. 25, 1908.

*Menominee & Marinette Light & Traction Co.,
Menominee, Mich.*

JURISDICTION OF COMMISSION.

Inquiry as to the extent of the jurisdiction of the Wisconsin Railroad Commission over utilities.

Held: That the Public Utilities Law confers upon the Commission jurisdiction over utilities operating within this state.

No. 154.

Mar. 5, 1908.

In re COMPETITIVE TELEPHONE LINES.

Requests for information and construction of law were received by the Commission from time to time, regarding the matter of protection to existing telephone companies from competition.

Held: That the indeterminate permit feature of the Public Utilities Law does not apply to telephone companies, and therefore such companies have not the protection that is given to light, heat, traction and power utilities.

No. 155. Feb. 28, 1908.
H. N. Nelson, *vs.* *Amherst Telephone Co.,*
Amherst Junction, Wis. *Nelsonville Telephone Co.*

EXCESSIVE TELEPHONE RATES; POOR SERVICE.

Complainant herein alleged that the above named telephone companies exact excessive charges for toll messages and give inadequate and poor service. The matter was taken up with the companies and a proposition made which was submitted to complainant.

No. 156. Mar. 10, 1908.
Carey & Nett, *vs.* *Bristol Telephone Co.*
Wilmot, Wis.

COMPLAINT ON TELEPHONE SERVICE; CONNECTIONS.

Complainants herein, as well as others, alleged that the respondent telephone company refused to make connections with other telephone companies, and that the service rendered was otherwise inadequate. The matter was taken up with the respondent, with the result that improvement was made in the service, but as to the matter of connections with other companies, it was

Held: That the Commission has no power to order physical connections between telephone companies.

No. 157. Mar. 10, 1908.
Rosendale Telephone Co.,
Hillsboro, Wis.

INCREASE OF TELEPHONE RATES.

The above named telephone company asked for authority to make a charge of 10 cts. on all incoming messages. Blanks were forwarded for formal application to increase rates, as required by law.

No. 158. Mar. 6, 1908.
Lapp & Sturner,
Dorchester, Wis.

SUNDAY TELEPHONE SERVICE.

Complainant herein, operating a telephone exchange in the village of Dorchester, advised the Commission that the village

marshal threatened to close the telephone exchange on Sunday, together with all other places of business.

Held: That the operation of a telephone exchange is a work of necessity, and that the telephone company might render itself liable if it failed to provide service to the public on Sunday.

No. 159.

Mar. 25, 1908.

F. J. McConnell,

vs.

Wisconsin Telephone Co.

Darlington, Wis.

ALLEGED DISCRIMINATION BY TELEPHONE CO.

Complainant herein alleged that the "Bell" company and a farmers' line have a contract, shutting out a new company and refusing service to the new company.

Held: That there is no physical connection provision in the Public Utilities Law.

No. 160.

Mar. 20, 1908.

Green Bay Water Co.,

Green Bay, Wis.

CHANGES IN WATER RATES.

Inquiry as to increases and reductions in rates.

Held: Rates may be lowered upon filing with the Commission schedules showing such rates ten days before they go into effect, but that no increase of rates can be made except upon application for authority to the Commission.

No. 161.

Mar. 30, 1908.

Superior Water, Light & Power Co.,

Superior, Wis.

EXTENSIONS OF CREDIT.

Inquiry as to whether it would be allowable to grant to some customers extension of credit longer than the rules provide for customers generally.

Held: That such practice would be discriminatory and is prohibited.

No. 162.

Mar. 30, 1908.

*Beloit Home Telephone Co.,
Beloit, Wis.*

TELEPHONE SERVICE TO DEBTORS.

Inquiry whether a company must render toll service to a former subscriber who was in arrears, and for that reason had his telephone taken out.

Held: Connection cannot be refused on the ground that the person is indebted to the company on some old account.

No. 163.

Mar. 30, 1908.

*Reedsburg Telephone Co.,
Reedsburg, Wis.*

CONSTRUCTION OF LAW.

The above named company propounded to the Commission a series of questions involving construction of certain sections of the Public Utilities Law. In reply the desired information was forwarded, answering the questions propounded, in so far as the Commission had determined them.

No. 164.

Mar. 23, 1908.

*John T. Faber, vs. Milwaukee Gas Light Co.
105 Grand Ave., Milwaukee, Wis.*

PROMPT PAYMENT DISCOUNT.

Complainant herein alleged that the respondent company returned his check for payment of service, which check was mailed on the last day allowed for the prompt payment discount, but reached the company on the day following.

Held: That the company was within its rights, the burden being upon the customer to deliver the payment to the company within the time specified by the company's reasonable regulations.

No. 165.

Apr. 7, 1908.

*Albert Leweck, vs. Milwaukee Gas Light Co.
914 Lee St., Milwaukee, Wis.*

EXTENSION OF GAS MAINS.

Inquiry as to whether a utility company furnishing gas can be required to lay a gas main.

Held: The subject is within the jurisdiction of the common council of the city.

No. 166.

Mar. 31, 1908.

*Badger Mutual Telephone Co., vs. Wisconsin Telephone Co.
Orange, Wis.*

PHYSICAL TELEPHONE CONNECTIONS.

Complainant herein alleged that the respondent company refused to make connections with complainant unless complainant would buy transmitters from respondent.

Held: That there is nothing in the Public Utilities Law to require the making of physical connections between telephone companies, that matter being involved in a bill before the legislature and defeated.

No. 167.

Apr. 3, 1908.

*Milwaukee Gas Light Co.,
Milwaukee, Wis.*

REPORT ON ACCIDENTS IN GAS PLANT.

The above named company reported in writing to the Commission the circumstances under which Ernest Salmon, an employe, was killed as the result of a fall from a scaffold.

No. 168.

Apr. 1, 1908.

*H. R. Schmohl, vs. La Crosse Gas & Electric Co.
La Crosse, Wis.*

NEW SERVICE CHARGEABLE TO WHOM.

Complainant herein desired to be advised whether a utility must extend its service to all who desired to become consumers, and to whom is cost of extensions of service chargeable.

Held: That the matter of extensions of service and cost thereof is within the jurisdiction of the common council of any city, according to the provisions of sec. 1797m—87 of the statutes.

No. 169.

In re MEASURED SERVICE ON TELEPHONES.

The Commission undertook an investigation of the subject of "measured service" in telephone operation, which investigation had made progress, but was still uncompleted at the date of this report.

No. 170.

Mar. 28, 1908.

H. Neumeister,
Colby, Wis.

vs.

Colby Telephone Co.

ALLEGED EXCESSIVE TELEPHONE CHARGES.

Complainant herein, mayor of the above named city, alleged that the respondent telephone company refused to install a telephone in the city power house for less than \$1.50 per month, on account of the refusal of the city to pay for a telephone instrument destroyed by fire. The complainant was advised that the rate of \$1.50 per month appeared from the schedule of rates on file to be the regular legal charge.

No. 171.

Mar. 18, 1908.

Reynolds & Lambert,
Delton, Wis.

vs.

Baraboo Telephone Co.

COMPULSORY JOINT TOLL ARRANGEMENTS.

Complainant herein alleged that respondent company refused to make satisfactory toll arrangements with other companies. The matter of the complaint was outside of the jurisdiction of the Commission, and complainant was so informed.

No. 172.

Apr. 4, 1908.

Dr. J. F. Riordan,
Mattoon, Wis.

COMPULSORY TELEPHONE CONNECTIONS.

Inquiry as to whether telephone companies could be required to provide physical connections.

Held: That the Public Utilities Law contains no provision to require companies to make connections of telephone systems.

No. 173.

Apr. 7, 1908.

*Viroqua Telephone Co.,
Viroqua, Wis.*

ALLEGED DISCRIMINATORY SWITCHING RATES.

Inquiry as to whether a telephone company may legally exact different switching charges from one company than from another company.

Held: Switching charges between different telephone companies are not covered by the Public Utilities Law, leaving this matter to be arranged between the companies interested.

No. 174.

Apr. 11, 1908.

*Amery Electric Co.,
Amery, Wis.*

SPECIAL ELECTRIC RATES.

The above named company inquired whether it could properly continue certain special rates, which it had in effect Apr. 1, 1907, and was advised that such rates could be continued until the Commission should make a general ruling thereon.

No. 175.

Apr. 14, 1908.

*Naylor & McCaul,
Tomah, Wis.*

DEFINITION OF INDETERMINATE PERMIT.

Inquiry as to exactly what a company must possess in the way of utility establishment or franchise in order to be able to acquire an indeterminate permit. The local situation presented these facts: The C. A. Goodyear Lumber Company, of Tomah, held a contract with the city to light the streets for a term of years, and desired to be advised whether the company possessed enough in the way of franchise to authorize it to acquire an indeterminate permit.

Held: That the definition of a public utility is contained in sec. 1797m—1, sub-division 1, of the Statutes; that there is a distinction between a contract to light the streets of a municipality and a franchise to use such streets for the purpose of furnishing lights to the public. A municipality may light its own streets or employ another to light them. Such a contract would

not, however, be a license, permit or franchise to operate a public utility. Under our law a public utility has no right to operate, that is, to engage in serving the public, until it has received authority from the municipality, which authority, prior to the Public Utilities Act, was generally denominated a franchise. A mere contract to furnish light to the city would not imply a franchise to serve others and thus operate a public utility.

No. 176.

Apr. 11, 1908.

Paul W. Mahoney,
La Crosse, Wis.

ALLEGED EXCESSIVE RATES FOR CURRENT AND GAS.

Complainant herein alleged that the La Crosse Gas & Electric Company was charging him in excess of the rates fixed by city ordinance as the maximum, such alleged excessive rate being authorized in the tentative schedule of rates fixed by the Commission.

Held: That if the law under which the Commission is acting has superseded the provisions of municipal ordinances relating to rates, as the legislature evidently intended, the company would have the right to collect the rates fixed by the Commission.

No. 177.

Apr. 8, 1908.

J. W. Van Alstyne,
Rhineland, Wis.

ALLEGED OVERCHARGE; ELECTRIC LIGHTS.

Complainant herein alleged that he was being charged a minimum of \$1.50 a month for lights, when the meter showed a consumption of \$1.10 worth according to the rate fixed in the company's charter.

Held: That the minimum of \$1.50 a month is the legal rate according to the schedule on file with the Commission, but that complainant may make formal complaint as to the reasonableness of such charge, which complaint would bring about an investigation by the Commission.

No. 178.

Apr. 16, 1908.

The K. Kieckhefer Co., vs. *Wisconsin Telephone Co.*
Milwaukee, Wis.

PENALTY FOR FAILURE TO PAY.

Complainant herein alleged that the above named respondent company refused to provide service to respondent unless shortage in "pay telephone" be made good, and alleging that complainant is entitled to damages for loss of business while telephone was taken out.

Formal complaint filed.

No. 179.

Apr. 21, 1908.

Beloit Iron Works, vs. *Beloit Water Works Co.*
Beloit, Wis.

ALLEGED UNREASONABLE COLLECTION REGULATIONS.

Complainant herein remonstrated against the rule of the above named utility company of charging a penalty of 10 per cent for failure to pay bills in advance quarterly, the payment being demanded before the service is received.

Held: That this rule is a part of the schedule of rates on file with the Commission, and must be adhered to until changed. A formal complaint would bring about an investigation of the reasonableness of this rule.

No. 180.

Apr. 23, 1908.

Beloit Water, Gas & Electric Co.,
Beloit, Wis.

SPECIAL RATES FOR COLLEGES.

Inquiry as to the legality of continuing in force a special flat rate to a college, which rate was made by verbal contract prior to the enactment of the Public Utilities Law.

Held: That unless such rate is extended to the general public it is discriminatory.

No. 181. Apr. 16, 1908.
A. E. Hart, vs. *Wisconsin Telephone Co.*
Madison, Wis.

COMPLAINT AS TO TELEPHONE SERVICE.

Complainant herein alleged that he had been given inadequate service on a toll call from Iron River to Thorpe, due to indifference of the operators rather than congestion of the wires. The complaint was the subject of voluminous correspondence and finally affidavits were filed by the respondent company relating to the matter.

No. 182. Apr. 11, 1908.
Rambler Garage Co., vs. *Central Heating Co.*
Milwaukee, Wis.

ALLEGED EXCESSIVE CHARGES FOR HEATING.

Complainant herein alleged that the respondent company was increasing its charges for steam heating. A conference was arranged between the engineer of the Commission and the parties in interest, and a temporary settlement was effected.

No. 183. Apr. 18, 1908.
Amos Radcliffe,
Eagle River, Wis.

INCORPORATION OF TELEPHONE COMPANIES.

Inquiry as to whether an individual can build a telephone system without incorporating.

Held: That incorporation is not necessary before an individual may build a telephone system.

No. 184. Apr. 30, 1908.
La Crosse Inter-Urban Telephone Co.,
La Crosse, Wis.

DIFFERENCES BETWEEN COMPANIES.

The above named company sought the assistance of the Commission in the adjustment of differences between it and farmer lines, relative to the payment of proportionate cost of maintenance of exchanges.

Held: That the adjustment of differences between telephone companies is outside the jurisdiction of the Commission.

No. 185.

Apr. 30, 1908.

*Brecke Telephone Co.,
Sextonville, Wis.*

DISCRIMINATION BY TELEPHONE COMPANIES.

Inquiry as to whether it is proper for a company to charge non-subscribers different rates than are charged to subscribers for exchange service on toll calls.

Held: That such different charges may be made if the same rates are held open to all persons similarly situated.

No. 186.

May 5, 1908.

*O. B. Joerns,
Sheboygan, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein, a member of the library board of the city of Sheboygan, alleged that the rates charged for telephone service in the city library of said city were excessive, and that the library ought not to be classified as a business house. The prayer was that a special rate be authorized for libraries.

Held: That a "pay telephone" might be installed, by which the public could reach the library without charge, but which would carry a charge if a call were made from the library end.

No. 187.

Apr. 28, 1908.

*G. L. Coolie, vs. Beloit Water, Gas & Electric Co.
Beloit, Wis.*

ALLEGED EXCESSIVE WATER RATES.

Complainant herein remonstrated at being charged for water service while his home was not occupied, and against being fined for not being home in time to pay his alleged unreasonable bill, and also against being charged for every opening in the house when more than half of the openings were for soft water service. The prayer was, that the respondent company be required to install a meter. This complaint was taken up in connection with the matter of rates and service of the respondent utility.

No. 188.

May 8, 1908.

*J. R. Snider, vs. Farmers' Inter-County Mut. Tel. Co.
Kilbourn, Wis.*

ALLEGED UNREASONABLE CONTRACT REQUIREMENTS.

Complainant herein, being in need of telephone service for some five months of the year, alleged that the respondent company refused to make a contract for less than a year, which the complainant alleged to be an unreasonable requirement. It appeared that this yearly contract provision was not included in the schedule of rates filed with the Commission, but this the company held was an oversight, that such rule was in force at the time the Public Utilities Law went into effect, and the company was advised that it should file a correction.

No. 189.

May 7, 1908.

*F. G. Kraege,
Mazomanie, Wis.*

FREE AND REDUCED ELECTRIC LIGHT SERVICE.

Inquiry whether a local municipal lighting plant may furnish service free to the public high school and village hall; whether these institutions must pay the same rate as other consumers, and whether societies and individuals using the village hall and the school building must pay for the lights they use.

Held: That the Public Utilities Law prohibits the giving of free service or service at reduced rates, not open to the general public, all persons served by the utility being entitled to equal treatment, and that, therefore, the municipal lighting plant should be credited with the light served to the high school and village hall at the rate charged the general public.

No. 190.

May 11, 1908.

*Stone Drug Co., vs. Wisconsin Telephone Co.
Lake Nebagamon, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein alleged that the night rate from Lake Nebagamon was excessive compared with the rate to Superior. An explanation of the manner of computing the rate was made

by the respondent, and complainant advised the Commission that he desired that the matter be allowed to rest.

No. 191.

May 12, 1908.

McGrath Construction Co., vs. *Green Bay Water Co.*
Green Bay, Wis.

ALLEGED OVERCHARGES FOR WATER.

Complainant herein alleged that the above named company charged complainant 10 cts. for water per barrel of cement used in making walks, notwithstanding a charter provision establishing a maximum of 5 cts. per barrel. The rates on file were investigated, showing 5 cts. to be the legal rate.

No. 192.

May 13, 1908.

Baraboo Lighting Co.,
Baraboo, Wis.

ENFORCEMENT OF DISCOUNT RULE.

Inquiry as to whether the prompt payment discount rule may properly be waived in some cases when patrons make the enforcement of the rule a personal matter.

Held: That such a rule, if enforced at all, must be enforced alike to all, and that failure to enforce the rule as to some people and to allow it to be enforced as to others constitutes discrimination, for which a company is liable to the penalties prescribed in the Public Utilities Law.

No. 193.

May 13, 1908.

Majestic Hair Parlors, vs. *Wisconsin Telephone Co.*
1220 Majestic Building, Milwaukee, Wis.

REFUSAL TO GIVE TELEPHONE SERVICE.

Complainant herein alleged that the above respondent telephone company refused to install a four-party telephone as advertised in circulars of respondent. The matter being taken up with respondent, the Commission was advised that the respondent was ready to provide the service if the required four parties could be found. The names of the four parties were supplied by the complainant and the Commission was finally advised that all persons in the building in question desiring service were provided with same.

No. 194.

May 18, 1908.

*Equity Telephone Co.,
Cushing, Wis.*

DIFFERENT RATES FOR SUBSCRIBERS AND NON-SUBSCRIBERS.

The above named company, operating a mutual telephone system, desired to be advised whether it could charge non-subscribers for use of lines of the company.

Held: That upon furnishing service to any others than members of the mutual organization, the company becomes a public utility and in that case must charge the same rates to all under similar circumstances and conditions.

No. 195.

May 20, 1908.

*Avoca & Muscoda Telephone Co.,
Avoca, Wis.*

USE OF TELEPHONES BY NON-SUBSCRIBERS.

The above named telephone company advised the Commission that it suffered loss by reason of non-subscribers calling at the places of business of subscribers, using their telephones and not paying the toll charge, and the complainant desired to be informed as to its remedy. In reply the complainant was forwarded a copy of the opinion and authorization of the Commission, approving of a rule restricting the use of subscribers' telephones to such subscribers and the immediate members of their families or their employes, if the companies find it feasible to enforce such a rule.

No. 196.

May 26, 1908.

*Northwestern Telephone Exchange Co.,
Minneapolis, Minn.*

VALIDITY OF TELEPHONE FRANCHISE.

Complainant herein advised the Commission of a controversy between complainant and the city of Hudson, turning upon the point as to whether the company must continue to give free service to the city as stipulated in the local franchise.

Held: That a municipality has no authority to grant a telephone franchise, and that conditions in a so-called local telephone franchise, obligating a company to maintain free service to a municipality, are not binding.

No. 197.

May 26, 1908.

George W. Allen, vs. *Amherst Telephone Co.*
Stevens Point, Wis.

ALLEGED TELEPHONE DISCRIMINATIONS.

Complaint that respondent telephone company failed to carry out promises made by its solicitor with respect to service to be rendered and also charges to be made.

Held: That service contracted for can be enforced, if it amounts to a discrimination, only if based upon a contract made prior to April 1, 1907.

The local situation complained of appeared to be much complicated, and complainant was advised that the Commission would make a complete investigation and hold a hearing on the matter if a formal complaint were filed giving the Commission jurisdiction, which complainant did not do.

No. 198.

May 23, 1908.

Gustav Schmitt, vs. *Milwaukee Gas Light Co.*
1206 Walnut Street, Milwaukee, Wis.

EXTENSION OF GAS SERVICE.

Complainant herein advised the Commission that he had tried to secure from above respondent company the extension of service to his house, but that respondent had refused to make such extension, notwithstanding that the extension involved would be only some 400 feet.

Held: That the matter of extension of service is in the control of the common council and not within the jurisdiction of the Commission.

No. 199.

May 22, 1908.

James H. Cabanis, vs. *Platteville Water Works.*
Platteville, Wis.

CHARGE FOR GIVING AWAY WATER.

Complainant herein advised the Commission that the local common council had, by ordinance, decreed that use of water from one meter should be exclusive to the consumer of record, and that the consumer giving away water should be charged an additional minimum, and complainant remonstrated

that such a rule was unreasonable. The city authorities represented that conditions had become extreme in the city of Platteville, in that consumers were "beating the city" out of water, by carrying it from one service to several homes, and that in some cases consumers were re-selling water at a large profit to themselves and to the loss of the city.

A conference on this matter was held between the parties at the office of the Commission on June 5, 1908, leading to a satisfactory adjustment.

No. 200.

June 3, 1908.

O. P. Gaarder,
Orfordville, Wis.

FREE TELEPHONE SERVICE AND DISCOUNTS.

Inquiry as to whether free telephones can legally be maintained in the depot and city hall; also whether it is lawful to allow some subscribers to run bills for several months after they are due.

Held: That free service to depots and municipal buildings is prohibited by the Public Utilities Law, and that a rule as to running of bills or discount for prompt payment must be enforced alike as to all the public or not enforced at all. See *In re Free and Reduced Rate Telephone Service*, Finding 3, 2 W. R. C. R. 543.

No. 201.

May 16, 1908.

Monroe Telephone Co.,
Monroe, Wis.

USE OF TELEPHONE POLES.

Request for advice as to distance that should be maintained between electric light and telephone wires strung on the same poles, pursuant to a joint arrangement between the telephone and electric lighting company.

After reference of the question to the engineer of the Commission, advice was forwarded that the best practice would be to install the two wire systems as far apart as possible, and never on the same pole, unless it is absolutely necessary, in which case the telephone wires should be installed below the lighting wires, at a vertical distance of not less than four feet.

No. 202.

May 26, 1908.

John H. Owens,
Racine, Wis.

TESTING OF METERS.

Inquiry concerning the right of the city to test and inspect meters.

Held: That a city may provide for testing and inspection of meters.

No. 203.

May 30, 1908.

J. H. Hopkins,
Antigo, Wis.

RATES FOR STREET LIGHTS.

Inquiry for information regarding the rates charged for street lighting.

A compilation was forwarded showing the rates in various cities and something of the service obtained in each case.

No. 204.

June 3, 1908.

Oneida Gas Co.,
Rhineland, Wis.

REQUEST FOR INSPECTION OF PHOTOMETER.

Application to the Commission to make a test of a photometer.

Applicant was advised that a member of the staff of engineers attached to the Commission would shortly be in Rhineland to examine the instrument and otherwise advise the applicant.

No. 205.

June 9, 1908.

The Badger Telephone Co.,
Oconomowoc, Wis.

EXCLUSIVE TELEPHONE FRANCHISE INVALID.

The above named company, desiring to build a line in the town of Lebanon, was confronted with a presumably exclusive telephone franchise possessed by another company, and desired to be advised as to its recourse in the premises.

Held: That no valid exclusive telephone franchise can be granted by a locality, but that a line of telephone can be built by complying with ch. 313, Laws of 1907.

No. 206.

June 5, 1908.

*Mortenson Bros.,
Cazenovia, Wis.*

ELECTRIC RATES.

Inquiry as to whether a flat rate can be made to customers where the running hours are known, and a meter rate to others.

Held: That it is lawful to make flat rates to power users in certain cases, and meter rates to others, providing that all rates are held open to all the public alike, so that the same rates are available to all persons similarly situated.

No. 207.

June 9, 1908.

*F. B. Kent,
Strong's Prairie, Wis.*

MUTUAL TELEPHONE COMPANIES, WHEN PUBLIC UTILITIES.

Inquiry as to whether a mutual telephone company, with only nine or ten subscribers who are not stockholders, is subject to the provisions of the Public Utilities Law.

Held: That a mutual telephone company becomes a utility and is subject to the provisions of the law when it serves the public, that is, when it serves any other than its members.

No. 208.

June 9, 1908.

*Thomas F. Cody,
Highland, Wis.*

INQUIRY AS TO DISCRIMINATIONS.

Inquiry as to the subject of discriminations and as to application of the Public Utilities Law to telephone systems.

Copy of tentative opinion and authorization was forwarded.

No. 209.

June 11, 1908.

*Simon Gillen,
Sheboygan, Wis.*

INDETERMINATE PERMIT.

Inquiry as to the extent and scope of the indeterminate permit provided in the Public Utilities Law.

Held: That the indeterminate permit obtained through the operation of the Public Utilities Law is as broad as the franchise for which it is exchanged.

No. 210.

May 16, 1908.

Hartford Electric Co.,
Hartford, Wis.

INDETERMINATE PERMIT.

The above named company desired to surrender its franchise and obtain an indeterminate permit according to ch. 499, Laws of 1907, but asked the Commission to say whether the franchise held by the company was of sufficient validity to be exchangeable for an indeterminate permit.

Held: That the question of the validity of a franchise is not within the jurisdiction of the Commission to decide, but that the Commission will accept the surrender of any franchise and leave the validity thereof to be determined in proper jurisdiction.

No. 211.

June 10, 1908.

A. M. Jones,
Waukesha, Wis.

ALLEGED TELEPHONE OVERCHARGE.

Complainant herein alleged that the Wisconsin Telephone Co. proposed to make charges which complainant believed to be excessive. The matter was taken up with the company, and it developed that there had been an error in quoting rates, and the company advised the Commission that immediate adjustment would be made.

No. 212.

June 16, 1908.

W. R. Chipman,
Morrisonville, Wis.

READJUSTMENT OF TELEPHONE RATES.

Inquiry as to whether a telephone company, upon purchase of instruments from subscribers, can readjust rates and make them uniform.

Held: That no rates in force on April 1, 1908, can be raised without authorization by the Commission.

No. 213.

June 17, 1908.

Ber J. Daly, vs. *Oshkosh, Wis.*

Wisconsin Telephone Co.

ALLEGED UNREASONABLE RULES.

In the matter herein complaint was made that the rule of the respondent company concerning yearly contracts amounted to compelling complainant to pay for telephone service during the several months in which he was absent from his home and occupying his summer residence, which rule complainant alleged was unreasonable.

Held: That all rates and rules of a utility must be applied alike to all the public under similar circumstances and conditions; that the utility makes its rates and rules in the first instance, and that, in case a rate or rule is complained of as unreasonable, the filing of a formal complaint, bringing the matter within the jurisdiction of the Commission, will result in an investigation and decision.

Complainant herein failed to file a formal complaint, which was necessary in view of the fact that the matter complained of had not previously been passed upon by the Commission.

No. 214.

June 12, 1908.

Athens Telephone Co.,
Athens, Wis.

DEATH MESSAGES.

Inquiry as to whether a telephone company has a right to refuse to take a death message from another telephone company. More specific information was requested and not furnished.

No. 215.

June 16, 1908.

James Jeffrey,
Georgetown, Wis.

LIEN ON TELEPHONES.

Suggestion that there should be a law giving any exclusive "switch" company a lien upon the telephone instrument of a subscriber in arrears.

Held: That the Commission does not make laws, and the matter should be presented to the correspondent's representative in the legislature.

No. 216.

June 16, 1908.

Louis E. Erickson,
Kewaunee, Wis.

PHYSICAL CONNECTIONS BETWEEN TELEPHONE COMPANIES.

Complainant herein alleged that residents near Tish Mills desired to construct a telephone line to Kewaunee, there to connect with line of the Wisconsin Telephone Co., but that officials of said company refused to arrange for the desired connection.

Held: That there is nothing in the Public Utilities Law requiring telephone companies to make connections with each other.

No. 217.

June 16, 1908.

T. R. Hawkins,
Cameron, Wis.

INDETERMINATE PERMIT.

The village of Cameron, by its president and clerk, notified the Commission that it desired to grant an indeterminate franchise for the construction and operation of an electric light and power plant, and requested to be advised whether the Commission had any objection to this course being taken by the village. The notification contained a schedule of rates proposed as a part of the contemplated franchise.

Held: That, according to the provisions of sec. 1797m—76 of the statutes, licenses, permits or franchises are issued by the municipalities, except that in municipalities where there are utilities operating under an indeterminate permit application must be made to this Commission for a certificate of convenience and necessity under the provisions of the Public Utilities Law. No utility being in operation in the village of Cameron under an indeterminate permit, consequently the license, permit or franchise which said village may grant, is made independent of this Commission, except that such franchise becomes, by operation of the Public Utilities Law, an indeterminate permit.

No. 218.

In re UNIFORM ACCOUNTING FOR WATER WORKS COMPANIES.

The Commission undertook an investigation of the subject of accounting for water works companies, with a view to the establishment of a uniform and adequate system to be applied to the

water works plants under the jurisdiction of the Commission, which investigation was in progress at the end of the period covered by this report.

No. 219.

June 18, 1908.

Oluf Arneson,

Rice Lake, Wis.

TELEPHONE WIRES CROSSING RAILROADS.

Inquiry as to right of a railroad to require conformance with certain regulations regarding the crossing of railroad tracks and telegraph wires by telephone companies' wires.

Held: That the matter is outside of the jurisdiction of the Commission; that municipalities have the power to enforce regulations as to the stringing of wires; that the laws with respect to safety of employes and the public in connection with railroad operation are rigid, and that railroads are charged with maintaining the safety of their employes and the public, and that, therefore, it is reasonable that a railroad company should make and enforce adequate regulations as a condition to its granting permission to a telephone company to string wires over its right of way and telegraph wires. See decision and order of the Commission, *In re Rules for Tell Tales or Warning Signals for Overhead Obstructions*, 2 W. R. C. R. 757.

No. 220.

June 19, 1908.

Theodore Borup.

President Wisconsin Humane Society,

Milwaukee, Wis.

FREE TELEPHONE SERVICE.

Complaint alleging that since the enactment of the Public Utilities Law free telephone service has been withdrawn from the above purely benevolent organization.

Held: That such free telephone service is prohibited by the Public Utilities Law.

No. 221.

June 13, 1908.

Green Bay Canning Co.,

Green Bay, Wis.

PROMPT PAYMENT DISCOUNT.

Complainant herein set forth that the last day on which the rule of the local gas and electric company allowed discount for

prompt payment is the tenth of the month; that this date fell on Sunday and the complainant's check was therefore not mailed until the eleventh and did not reach the utility company until the twelfth, and complainant asked whether it was entitled to the discount.

Held: That depositing of a letter containing check in the post office on the last day of the discount period, knowing that said check would not reach the utility company until after such period had passed, did not constitute payment of the bill within the time specified in the rule of the company; that the discount rule must be enforced to all alike and that therefore complainant was not entitled to the discount.

Nos. 222, 223, 224.

June 5, 1908.

W. H. Francis,

*Secy. Knapp Telephone Co.,
Knapp, Wis.*

May 28, 1908.

John B. Simmons,

*Prest. Citizens Telephone Co.,
Racine, Wis.*

Apr. 30, 1908.

M. L. Crandall,

*Secy. Hudson Prairie Telephone Co.,
Burkhardt, Wis.*

PERPETUAL FREE TELEPHONE SERVICE CONTRACTS.

The above named officers of telephone companies presented to the Commission the question of the validity of certain contracts entered into between the telephone companies and railroad companies, in which the telephone companies agreed to furnish perpetually free telephone service in the depots of the railroad companies, the consideration on the part of the railroad companies in each contract being the giving of room for the instrument and giving attention to the telephone by the railroad company's agent.

As the matter had never come formally before the Commission, the question was passed upon entirely informally, and it was

Held: That it is simply a question of interpretation and of the legality of the contract, and that the Commission should not render an order relating to the same.

No. 225.

June 21, 1908.

A. J. Myrland,
Grantsburg, Wis.

INDETERMINATE PERMIT FOR WISCONSIN CORPORATION ONLY.

Inquiry propounding the question as to whether a partnership can obtain an indeterminate permit under the provisions of the Public Utilities Law.

Held: That an indeterminate permit can be granted only to a Wisconsin corporation.

No. 226.

June 19, 1908.

North Side Amusement Association,
La Crosse, Wis.

SPECIAL LIGHTING RATES.

Inquiry as to the rate a public utility can charge for lighting service during a street carnival of five days' duration.

Held: That owing to the very temporary nature of the service demanded, the regular readiness-to-serve charge, which applies to permanent consumers, would work an injustice to the company if applied to this case; that the company is entitled to charge for its service at such a rate as will compensate it for any expense for installation, such as wiring, setting of transformers, etc., enabling it to carry the load demanded, and a reasonable profit upon the service furnished.

No. 227.

June 8, 1908.

Mellen Water & Light Co.,
Mellen, Wis.

RECONSTRUCTION OF DAM.

The Commission was advised that a dam had gone out at Mellen, and that city authorities and taxpayers were protesting against its reconstruction by the local utility company. The matter being outside the jurisdiction of the Commission, no official cognizance of the situation in controversy could be taken, but informal assistance and advice were rendered, and the Commission was advised that the matter was in the way of satisfactory adjustment.

No. 228.

June 15, 1908.

Evansville Telephone Co.,
Evansville, Wis.

CONSTRUCTION OF UTILITIES LAW; TELEPHONES.

The above named telephone company requested the Commission to construe the Public Utilities Law by answering the questions: 1, whether subscribers shall be required to pay for telephone service while they are absent from the city, and 2, whether a company may substitute a higher class and more expensive service for a poorer and less costly service and increase rates in proportion.

Held: 1. A company may legally make a rule under which rent of telephone may be reduced for the period during which telephone is not used, provided such rule applies to all persons under like circumstances and conditions, and, on the other hand, a full rental may be charged for such periods, and if subscribers feel such charge to be unreasonable, complaint may be made to the Commission.

2. The substitution of a higher class service for a lower class service, for which higher class service a higher rate was charged than for the lower class service, did not constitute a raise in rates. See *Doyle v. Wis. Tel. Co.* Informal case No. 5.

No. 229.

June 17, 1908.

Brecke Telephone Co.,
Stetsonville, Wis.

DIVISION OF TOLLS.

Complainant herein alleged that a controversy had arisen between complainant and the Wisconsin Telephone Co. regarding the division of toll charges on incoming messages. The matter being one of contract between companies, relating to connections and division of earnings, it was not within the jurisdiction of the Commission, but was taken up with the officials of the Wisconsin Telephone Co. informally, and negotiations were in progress at the time of this report. In the course of the correspondence it was

Held: That the Commission has no jurisdiction over the terms on which telephone companies connect; if a company has a contract with another telephone company which will justify it,

the company may permit all of its subscribers to have free use of the lines of the connecting company, but cannot permit part of such subscribers to have such free use and charge the others under the same circumstances and conditions.

No. 230. June 22, 1908.
Eureka Telephone Co., vs. *Wisconsin Telephone Co.*
Woodland, Wis.

CONSTRUCTION OF TELEPHONE COMPANY CONTRACT.

Complainant herein was involved in a controversy with respondent company over toll and exchange charges, the difference of opinion turning on the construction of the contract entered into between the two companies when the complainant became a sub-line of the respondent.

Held: That the matter involves the construction of a contract and is entirely outside the jurisdiction of the Commission.

No. 231. June 25, 1907.
In re UNIFORM ACCOUNTING FOR GAS AND ELECTRIC COMPANIES.
 The Commission undertook an investigation of the subject of accounting of gas and electric companies, having in contemplation the establishment of a uniform system for the companies under the jurisdiction of the Commission, which investigation was incomplete at the date of this report.

No. 232. June 25, 1908.
Frank T. Stare, vs. *Wisconsin Telephone Co.*
Waukesha, Wis.

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein alleged that the respondent company proposed to charge him \$12.50, plus installation charge, for a telephone in complainant's summer cottage at Pewaukee Lake, notwithstanding that the former rate was \$5 per month, and that a neighbor was being given the service at \$5 per month. Upon taking up the matter with the respondent company, the Commission was advised that the local manager had erroneously quoted an incorrect rate, and that the complainant would be served at the old rate.

No. 233.

June 25, 1908.

*C. H. Hartley,**Oshkosh, Wis.*

REDUCED RATES TO FEDERAL GOVERNMENT.

Inquiry as to whether it is lawful to grant free or reduced rate service to the federal government.

Held: That the federal government stands on an equal footing with individuals in the matter of rates for service by public utilities, and that no discriminations can be made in favor of the federal government.

No. 234.

June 30, 1908.

*C. W. Cheney,**Secy. Eau Claire Telephone Co.,**Eau Claire, Wis.*

PENALTY FOR FAILURE TO PAY.

The above named company proposed to apply a rule, according to which subscribers, who fail to pay within a certain length of time after notification, should be assessed an additional charge of 25 cts. per month, and the company desired to be informed as to the legality of such a rule.

Held: That such rule, if not in force prior to the passage of the Public Utilities Law, amounts to an increase in rates, and as such cannot be enforced without first applying to the Commission for authority. It is to be distinguished from a discount allowed if the bill is paid on or before a certain date, for the discount amounts to a reduction, and a penalty to an increase, which is illegal unless provided for in the schedules of the company or authorized by order of the Commission.

See Finding No. 8, *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 545.

No. 235.

June 30, 1908.

In re STEAM BOILER INSPECTION AND INSURANCE.

The Commission, through its staff of engineers, undertook to obtain data through correspondence with various insurance companies carrying risks on steam boilers, contemplating the use of such information in the process of valuation of steam boilers in public utility plants. The correspondence was in progress at the date of this report.

No. 236.

June 21, 1908.

*L. Crandall,**Burkhardt, Wis.*

CONSTRUCTION OF UTILITIES LAW; TELEPHONES.

Inquiry as to whether a telephone company may legally charge less in case a subscriber owns his instrument than in case the instrument is owned by the company; and whether a free toll contract between several connecting companies is lawful.

Held: That the Public Utilities Law expressly forbids the granting of a lower rate to subscribers who own their own instruments or any part of the facilities incident to the service, but that a reasonable rental may be allowed for the use of the portion of the equipment which the subscriber owns; and that it is lawful for companies to afford free toll service to their respective subscribers, provided the same is given to all alike, without discrimination. In such cases free toll service may be regarded as part of the service which each company has provided for its subscribers.

No. 237.

June 24, 1908.

Business Men's Association, vs. Wisconsin Telephone Co.
Beaver Dam, Wis.

ALLEGED ADVANCED TELEPHONE RATES.

Complainant herein alleged that respondent telephone company had advanced its rates in the city of Beaver Dam; that signatures to the contracts for increased rates were obtained by misrepresentations, and that the above association, a number of whose members had signed such contracts, desired to repudiate their signatures. The respondent advised the Commission that the raise of rates in the city of Beaver Dam was rendered necessary on account of the installation of improved facilities; that the business men there understood that the rates were to be advanced; that the objectors were comparatively few; that it was expressly provided in the contracts that advanced rates should be charged, but that no advance should become effective until authorized by the Commission; but that the company solicited the signatures in order to avoid the expense, inconvenience and delay of a contest before the Commission.

Formal complaint blanks were sent complainant but not returned.

No. 240.

June 27, 1908.

C. H. Hartley,
Oshkosh, Wis.

WHOLESALE TELEPHONE RATES.

Inquiry as to whether it is lawful for a telephone company to offer reduced rates as the amount of service used increases, such as allowing a lower rate to a company or firm using \$75 worth of tolls a month than to one who uses only \$50 worth, assuming that the tariff covering this arrangement is regularly published.

Held: That such a rate would be contrary to the spirit of the Public Utilities Law.

No. 241.

June 20, 1908.

Michigan State Telephone Co.,
Detroit, Mich.

JURISDICTION OF COMMISSION.

The above named telephone company made application for authority to increase certain rates, the reason being that some of the business of the company goes over Wisconsin lines.

Held: That an application by a foreign corporation for authority to increase rates is a matter outside of the jurisdiction of the Commission.

No. 242.

June 27, 1908.

Briggsville & Big Springs Telephone Co.,
Briggsville, Wis.

CONSTRUCTION OF PUBLIC UTILITIES LAW.

A conference was held between the Commission and representatives of the above named company, concerning several matters arising through the enactment of the Public Utilities Law. The following questions were discussed and answered:

1. Is it an unjust discrimination to charge a stockholder 10 cts. per message and a non-stockholder 15 cts. per message?

Held: That it is unlawful to exact a higher rate from subscribers who are not stockholders, directors and officers than from subscribers who are stockholders, directors and officers; that the subscriber who is a stockholder has no rights or privileges which are denied to the subscriber who is not a stockholder, and the

stockholder must look to the profits of the business for his return on his investment.

2. Is it permissible to charge part of the subscribers a message fee and part of them a flat rate for all the service furnished them?

Held: That the same rates must be held out to all persons under similar circumstances and conditions.

3. Are any superior rights possessed by persons who own interests in connecting lines, and are also stockholders in the main company, over other persons?

Held: That the former must pay the same rates as the latter; and it is also unlawful to give any superior privileges to persons who compose an unincorporated mutual farmer company because they are stockholders in the main company, a share in the profits of the company is all the benefit which stockholders can have which is not enjoyed by the general subscriber.

4. Is a connection contract legal by which one company retains all the tolls of messages originating on its line?

Held: That such contract is not prohibited by law.

No. 243.

June 26, 1908.

H. A. Price,
Markesan, Wis.

FREE PUBLIC TELEPHONE SERVICE.

Inquiry whether a free local service over a telephone instrument in a hotel, for which the proprietor of the hotel pays the regular rate, but to which a "Gray Pay Station" for collection of long distance tolls is attached, is legal.

Held: The matter is one for regulation by the telephone company itself.

No. 244.

June 24, 1908.

Perry-Hollandale Telephone Co.,
Hollandale, Wis.

INQUIRY CONCERNING TELEPHONE DISCRIMINATION.

The above named telephone company, having toll line connections between Hollandale, Blanchardville and Perry, advised the Commission that it charged toll from Blanchardville, while from

Hollandale and Perry no toll was charged, and the company desired to be advised whether this practice was discriminatory.

Held: That the law requires that all subscribers under like circumstances and conditions must be treated alike, and that the situation and practice described does not constitute discrimination, so long as all the subscribers at Hollandale and Perry have free toll service over those lines, and all the subscribers at Blanchardville are charged toll service.

No. 245.

June 20, 1908.

Whitewater Water Works Co.,
Whitewater, Wis.

CONTRIBUTIONS BY UTILITIES.

Inquiry as to whether it is permissible, under the Public Utilities Law, for a public utility to make contributions for civic, benevolent and charitable enterprises, other than of a political character.

Held: That there is nothing in the Public Utilities Law to authorize the Commission to permit or sanction the making of contributions for any purposes by public utilities within this state, but that there is nothing in the law to prevent officers, directors and stockholders of public utility corporations, in their individual capacity, from contributing for charitable and other worthy purposes to the full extent of their charitable impulses and the size of their purses.

No. 246.

June 25, 1908.

Matt Stapleton,
Rhineland, Wis.

ALLEGED OVERCHARGE FOR LIGHTING.

Complainant herein advised the Commission of a controversy between himself and the Rhineland Lighting Co. over a bill rendered for service. The Commission was unable to comprehend the exact situation in controversy and requested complainant to furnish additional facts, which complainant failed to do.

PART VI.

Certificates of Public Convenience and Necessity.

Under the provisions of ch. 454, Laws of 1907, no railroad corporation shall commence the construction of any proposed line of railroad in the state, until it shall have obtained from the Railroad Commission a certificate that public convenience and necessity require the construction of such railroad. The application shall be accompanied by complete maps and profiles of the proposed road. A public hearing shall be held, and arguments heard for and against the granting of such certificate. Upon the granting of such certificate, the applicant railroad shall, before commencing construction, submit to the Commission a condensed specification of the kind and character of construction that it proposes to install. Upon receiving such specification, the Commission shall examine same and determine whether the proposed construction will be adequate for securing and protecting the public safety, and shall grant an order approving such specification.

The Commission shall also, after public hearing, determine the manner in which such applicant railroad shall cross the lines of other railroads, prescribe the kind of protective appliances to be installed at such crossings, and fix the proportion of expense of constructing such crossing and the expense of operating the safety devices ordered installed, which shall be paid by the interested railroads. Upon the completion of the construction, and before opening the line for public service, the Commission shall examine, or cause to be examined, such line, and if found to be constructed in accordance with the approved specifications and in a manner to conserve and protect the public safety, an order authorizing the operation of the line shall be granted.

Under the provisions of this law, the following applications were disposed of during the year covered by this report:

No. 1.

In re APPLICATION OF WISCONSIN NORTHERN RY. CO.

Application was filed July 1, 1907, for a certificate of convenience and necessity authorizing the construction of a railroad from a point in township 31 north, of range 14 east, to a point in township 36 north, of range 14 east, and to extend the line of the applicant from a point of connection with the Minneapolis, St. Paul & Sault Ste. Marie Ry. Co., in township 37 north, of range 13 east, north to the state line.

The hearing was held on July 30, 1907, C. H. Hartley and M. J. Wallrich appearing for the applicant, and no one appearing in opposition.

On the date of the hearing a certificate was issued, authorizing the construction of the extension of the line of railroad of the applicant as follows: commencing at the north line of sec. 16, township 31 north, of range 14 east, thence in a northerly direction to the south line of sec. 29, township 36 north, of range 13 east.

On May 19, 1908, the specification of the construction of the extension was approved by the Commission.

No. 2.*In re* APPLICATION OF SOUTHERN WISCONSIN RY. CO.

Application filed July 1, 1907, praying that a certificate be issued for the construction of an extension of its system from Madison, through the village of McFarland, to the city of Stoughton. Such extension to be operated as an interurban electric railway. The matter was set for hearing for July 30, 1907. Prior to such time the application was withdrawn, and the application mentioned in No. 4 was filed.

No. 3.*In re* APPLICATION OF EASTERN RY. CO. OF MINNESOTA.

Application filed July 22, 1907, praying that a certificate issue that public convenience and necessity require the construc-

tion of an extension of the lines of railroad of the applicant in the city of Superior, Wisconsin.

The hearing was held on Aug. 15, 1907, C. H. Crownhart appearing for the applicant and John B. Sanborn for the Wisconsin & Northern Minnesota Ry. Co. No opposition was made to the granting of the certificate. On Aug. 16, 1907, a certificate was issued authorizing the construction of an extension of the lines of the applicant as follows: commencing at the bridge of the Duluth & Superior Bridge Company, which connects Rice's Point in the state of Minnesota with Connor's Point in the state of Wisconsin, thence in a general easterly direction down the bay shore of the Bay of Superior, and terminating at or near Pouilliot avenue, in the townsite of Middleton, city of Superior; the portion thereof covered by the certificate being between said Pouilliot avenue and "E" street, in Roy's addition to the city of Superior.

On Aug. 27, 1907, the specification of the construction of the proposed extension was approved by the Commission.

No. 4.

In re APPLICATION SOUTHERN WISCONSIN RY. CO.

Application filed July 30, 1907, praying that a certificate issue, authorizing the construction of an extension of the lines of the applicant from Madison, through the village of McFarland, to the city of Stoughton. The applicant operates the street railway system in the city of Madison. The proposed extension to be operated as an interurban electric railway.

The hearing was held at the office of the Commission on Sept. 2, 1907. The following appearances were entered: Jones & Schubring for applicant; John A. Aylward and Joseph C. Schubert for the city of Madison; R. M. Bashford for Paul Harloff and others; C. F. Lamb for Lillie McCue; Thomas S. Nolan for Janesville & Madison Railway Co; Levi B. Carle and S. B. Heddles for the city of Janesville. Various other parties appeared in their own behalf. Further hearing was set for Oct. 1, 1907.

On Sept. 28, 1907, the attorneys for the applicant filed a statement withdrawing the application, giving as the reason, that

much opposition to the granting of the certificate had arisen in unexpected quarters, and that it would be impracticable to undertake the enterprise without the co-operation of the public.

No. 5.

In re APPLICATION WISCONSIN & NORTHERN MINNESOTA RY. CO.

Application filed Aug. 13, 1907, praying that a certificate issue that public convenience and necessity require the building of certain lines of railroad in the city of Superior, Wisconsin.

Hearings were held at the office of the Commission, in the city of Madison, on Sept. 4, 1907; at the city of Superior before Commissioner Erickson, on Sept. 6; and at the city of Minneapolis, Minn., on Sept. 9. At such hearings the applicant was represented by L. K. Luse. In opposition to the granting of the certificate, J. A. Murphy appeared for the Lake Superior Terminal & Transfer Ry. Co., Louis Hamitch appeared for the Northern Pacific Ry. Co. and C. H. Crownhart appeared for the Duluth & Superior Bridge Co. The local situation was examined by Commissioner Erickson and by the chief engineer of the Commission.

On Sept. 26, 1907, a certificate issued authorizing the construction of a line of railroad as follows:

Beginning at the south line of block thirty-seven (37,) South Superior, Central division, in the north-east quarter (N. E. $\frac{1}{4}$) of section ten (10), township forty-eight (48) north, of range fourteen (14) west, and extending in a northerly and north-easterly direction to the Duluth-Superior Bridge at the northerly end of Connor's Point, and thence across said bridge to the state line between the states of Wisconsin and Minnesota, with a branch line leaving the main line above mentioned in lot one (1), block five hundred eight (508), of Sweetser division, and extending in a north-easterly direction across and upon the rights of way of the Northern Pacific Ry. Co., Chicago, St. Paul, Minneapolis & Omaha Ry. Co., and the Lake Superior Terminal & Transfer Ry. Co., to, upon and over block five hundred (500) in said Sweetser division, and thence easterly to the established dock line in the St. Louis river, the said main line of railroad, when so built, to connect at the south line of said block thirty-seven (37) with a line of railroad to be built and constructed by the Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

On Dec. 24, 1907, a condensed specification of the kind and character of construction to be used in the proposed line was filed with the prayer that the same be approved, as required by statute. The application came on for hearing on Feb. 17, 1908.

Luse, Powell & Luse appeared for the petitioner. Solon L. Perrin appeared for the Chicago, St. Paul, Minneapolis & Omaha Ry. Co., J. A. Murphy appeared for the Great Northern Ry. Co. and the Lake Superior Terminal & Transfer Ry. Co. Louis Hanitch appeared for the Northern Pacific Ry. Co. V. D. Simar appeared for the Duluth, South Shore & Atlantic Ry. Co.

The decision and order of the Commission, approving the specifications, was rendered on May 26, 1908. The following is the syllabus of such decision:

An application for an order approving the condensed specification for the construction of applicant's proposed line of railroad, and authorizing the construction thereof in accordance therewith, and also determining the manner of certain proposed crossings of the tracks of other railway companies.

Held: 1. That such specification complies with all the requirements of the statute and demands of the Commission, and that the proposed construction will be adequate for securing and protecting the public safety in the operation of said proposed line of railroad.

2. That the angles and points of the proposed crossings were determined primarily when the Commission found, upon the hearing of the initial application, made under ch. 454, Laws of 1907, that public convenience and necessity required the construction of the proposed line of railroad, and approved the maps showing the proposed route of said railroad and the points and angles of the crossings.

3. That the constitutionality of sec. 1797-56, as far as the same relates to the apportionment of the expense of constructing, maintaining and operating crossings and safety appliances, is not a question that may be passed upon by the Commission, but that the presumption, that the law is valid, must prevail in all proceedings brought in pursuance thereof, until the supreme court declares the provision challenged to be in violation of the Constitution and void.

4. That the location of existing lines of railroad at the head of the lakes, the topography of the country, and other important considerations, render it impracticable to require a separation of grades at the proposed crossings.

5. That by charging the entire cost of originally constructing the crossing to the junior road, and dividing equally the cost of subsequently maintaining and operating the crossing be-

tween the roads whose tracks form the crossing, an equitable apportionment of the expense of "originally constructing, operating and maintaining" the crossing will be made.

6. That certain of the proposed crossings should be protected by interlocking, derailing and signal systems, and that, as the duty of protecting such crossings is owing to the public alike by the owners of the respective tracks, the burden of constructing, maintaining and operating the interlocking plants should be borne by them equally.

7. Order entered approving the specification, requiring the crossings to be at grade, interlocking plants to be installed, and apportioning the cost of the crossings and interlocking plants.

No. 6.

In re APPLICATION MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

Application filed Aug. 13, 1907, praying that a certificate of public convenience and necessity issue authorizing the construction of an extension of the line of railroad of the applicant in the county of Douglas, Wisconsin.

The proceedings in this case were held jointly with the proceedings relating to the application of the Wisconsin & Northern Minnesota Ry. Co., No. 5, the same attorneys appearing in both cases.

The certificate was issued on Sept. 24, 1907, authorizing the construction of a line as follows:

Beginning at a point in the south-east quarter of the south-east quarter of section 7, township 47 north, of range 15 west, being a point on the state line between the states of Wisconsin and Minnesota, extending thence through the county of Douglas, in the state of Wisconsin, to a point on the south line of block 37, South Superior, Central division, in the north-east quarter of section 10, township 48 north, of range 14 west; said extension to connect at the point aforesaid with the proposed railroad to be constructed by the Wisconsin & Northern Minnesota Ry. Co.

On Dec. 24, 1907, the applicant filed its condensed specifications, showing the manner of construction of its proposed line. The hearings were held and the case considered in connection with No. 5. On May 26, 1908, an order issued approving the plans and specifications, providing the manner in which other

railroads should be crossed, and apportioning the expenses of operating the crossings. This order will be found in the second volume of the Decisions of the Commission.

No. 7.

In re APPLICATION INTERSTATE TRANSFER RY. CO.

Application filed Aug. 12, 1907, praying that a certificate of public convenience and necessity issue, authorizing the construction of a line of railroad by the applicant, in Douglas county, Wisconsin.

Hearing was held Sept. 3, 1907. Solon L. Perrin appearing for the applicant and J. A. Murphy for the Great Northern Ry. Co.

The certificate was issued Sept. 4, 1907, authorizing the construction of a line as follows:

Section No. 1 of said railroad shall begin at station 321-32 in the St. Louis river on the Minnesota state line, in lot two, in section twelve, in township forty-eight north, of range fifteen west, in Douglas county, Wisconsin, running thence in a generally easterly direction a distance of 25,892 feet, to a point designated as station 62-40, where said railroad connects with the line of road of the Great Northern Ry. Co. in the south-east quarter of the north-east quarter of section fifteen, in township forty-eight north, of range fourteen west, in Douglas county, Wisconsin.

Section No. 2 shall begin at station O, in the north-west quarter of the south-west quarter of section fifteen, in township forty-eight north, of range fourteen west, in Douglas county, Wisconsin, connecting at said station with section No. 1 of said railroad, and running thence, in a generally easterly and north-easterly direction, a distance of 50,176 feet, to a point designated as station 501-76.0, in the south-west quarter of section twenty-seven, in township forty-nine north, of range thirteen west, in Douglas county, Wisconsin.

Condensed specifications for the construction of section No. 1 of the proposed railroad were filed on Aug. 21, 1908, and on that date an order issued approving said specifications and authorizing the applicant to construct its line in accordance with said plans and specifications.

No. 8.

In re APPLICATION EASTERN RY. CO. OF MINNESOTA.

Application filed Aug. 23, 1907, praying that a certificate of public convenience and necessity issue, authorizing the construction of a line of railroad by the applicant, in the city of Superior in Douglas county, Wisconsin.

The matter was set for hearing and continued from time to time at the request and by the consent of the parties interested, and is pending before the Commission at the date of this report.

No. 9.

In re APPLICATION CONTINENTAL REALTY CO., MILWAUKEE.

Application filed Oct. 4, 1907, praying that a certificate of public convenience and necessity issue, authorizing the construction of mains and tunnels in highways, streets, alleys and avenues, for the purpose of furnishing and supplying heat, light and power to buildings situated in certain portions of the second, fourth and sixth wards of the city of Milwaukee, Wisconsin.

The matter was set for hearing for Oct. 22, 1907, and continued pending negotiations for settlement, and on Nov. 30, 1907, an answer and objections were filed by The Milwaukee Electric Railway & Light Co. and the Central Heating Company. Further proceedings were dropped on the part of the applicant.

No. 10.

In re APPLICATION CHICAGO & MILWAUKEE ELECTRIC RY. CO.

Application filed Jan. 6, 1908, praying that a certificate of public convenience and necessity issue, authorizing the building and location by the applicant of its yards, side tracks, switches, shops, warehouses, wharves and docks, in the city of Milwaukee, and setting forth the land which applicant desires authority to acquire by condemnation proceedings.

The matter was set for hearing for Feb. 17, 1908, was continued, and later the application was withdrawn.

No. 11.

In re APPLICATION MILWAUKEE & FOX RIVER VALLEY RY. CO.

Application filed Mar. 13, 1908, praying that a certificate of public convenience and necessity issue, authorizing applicant to build and operate a line of street and interurban railway, commencing in the city of Milwaukee, running thence northerly and north-westerly through the counties of Milwaukee, Washington, Ozaukee, Sheboygan, Manitowoc, Calumet, Winnebago and Outagamie, to and into the city of Appleton; also commencing in the city of Fond du Lac, running thence northerly and north-easterly through the counties of Fond du Lac and Calumet, such line running through the cities and villages of Cedarburg, Newburg, Plymouth, Elkhart, Kiel, New Holstein, Stockbridge, Appleton, Fond du Lac, Taycheedah, Kaukauna and Menasha.

Hearing was held on Apr. 14, 1908, at the office of the Commission in Madison, appearances being entered as follows: Krons-hage, McGovern & Fritz for applicant; Winkler, Flanders, Bot-tum & Fawsett for Milwaukee & Northern Ry. Co.; C. M. Rose-crantz for The Milwaukee Light, Heat & Traction Co.; J. F. Bruss for Cedarburg.

Further hearings were held at Fond du Lac on May 11, 12, and 13, and at Milwaukee on May 14, 1908, at which was entered the additional appearance of J. E. McMullen for the Fond du Lac & Northeastern Ry. Co.

The Milwaukee & Northern Ry. Co. moved that the applica-tion herein be dismissed for the reasons following: 1. That no proof was filed of the proper publication of the applicant's articles of incorporation; 2. that the application was not accompanied with proper maps and profiles of the proposed route; 3. that the application was not properly authorized by the board of direct-ors of the applicant; 4. that at the time of the application the applicant had not adopted any route or right of way and had not surveyed its proposed line; 5. that the route described in the ap-plication does not conform to the articles of association of said applicant; 6. that the application does not provide for terminals; 7. that the application is the individual act of the president of the applicant corporation and is wrongfully and untruly verified as the act of the corporation. This motion was submitted on June 18, 1908, and a decision, denying same, was tendered sub-sequent to the date of this report and will be found in the second volume of the Decisions of the Commission. The case on the mer-its of the application is still pending.

No. 12.

In re APPLICATION THE MILWAUKEE LIGHT, HEAT & TRACTION CO.

Application filed May 29, 1908, praying that a certificate of public convenience and necessity issue, authorizing the applicant to extend its line of railroad from a point on Richards avenue in the city of Watertown, Wisconsin, along Richards avenue, Western avenue, Fifth street, Main street, to the tracks of the Chicago & Northwestern Ry. Co., and along North Montgomery street and South Montgomery street, all in the city of Watertown.

The matter was set for hearing for June 22, 1908, but no further proceedings were had, it being the opinion of the Commission that no certificate of public convenience and necessity was necessary for the building of the proposed extension.

No. 13.

In re APPLICATION OF THE TWIN CITY & LAKE SUPERIOR RY. CO.

Application filed June 2, 1908, praying that a certificate of public convenience and necessity issue, authorizing the construction of that portion of its authorized line of railroad lying in the state of Wisconsin.

Hearing was held on June 29, 1908. W. E. Foran appeared for the applicant.

The certificate was issued on July 15, 1908, authorizing the construction of that portion of the authorized line of the Twin City & Lake Superior Ry. Co., beginning at a point on the state line between the states of Minnesota and Wisconsin, in section thirty-three, township thirty-six north, range twenty west, where the Saint Croix River forms the boundary line between the states of Minnesota and Wisconsin, in a generally north-easterly direction through the counties of Polk and Burnett in the state of Wisconsin, to a point in section five, township forty north, range seventeen west, on the boundary line between the states of Minnesota and Wisconsin, where the Saint Croix river forms such boundary line; which portion of said line of railroad connects with those portions thereof lying in the state of Minnesota, and with the same forms a continuous line of railway extending from the cities of St. Paul and Minneapolis, Minnesota, to the city of Duluth, Minnesota.

PART VII.

Applications for Authority to Issue Stocks, Notes and Bonds.

Under the provisions of ch. 576, Laws of 1907, no public service corporation shall issue any stock, stock certificates, bonds or other evidences of indebtedness payable in more than one year from date, until it shall have obtained authority for such issue from the Railroad Commission. The law provides that the applicant shall file with the Commission a sworn statement and prescribe what such statement shall cover. The Commission may demand further information, statements and evidence and take testimony, and shall issue a certificate setting forth the amount, character, purposes and terms in which such stocks, certificates of stock, bonds or other evidences of indebtedness shall issue. In case such stocks and bonds shall be issued in whole or in part for property or services, the Commission shall determine and set forth in such certificate the true value of such property or services.

The Commission in its certificate requires the applicant company to file with the Commission, within thirty days after the application of the proceeds derived from the sale of the bonds, stocks or other evidences of indebtedness to the purposes authorized in the certificate, a verified statement showing that the proceeds have been applied in accordance with the terms of the certificate.

Under the provisions of this chapter the following applications were disposed of during the year covered by this report.

No. 1.

*Southern Wisconsin Ry. Co.,
Madison.*

Certificate issued Sept. 26, 1907.

Authority is granted to issue \$300,000.00, par value, of serial bonds, drawing interest at the rate of 6 per cent per annum and maturing at intervals of six months, the last \$30,000.00 maturing on Aug. 1, 1915.

The purposes for which these bonds are authorized, are: the rebuilding of portions of the company's track, \$159,000.00; extending the line to the east, \$38,000.00; extending the line to the Dane county fair grounds, \$18 000.00; purchase of cars, \$35,000.00; erection and equipment of a power plant, \$137,660.00; payment of floating debt, purchase of road roller, sprinkling car and tower car.

The applicant filed a statement, duly signed and verified by its president and secretary, setting forth a, the amount and character of the proposed bonds; b, the purposes for which they are to be issued; c, the terms on which they are to be issued, d, the total assets and liabilities of the corporation, as required by ch. 576, Laws of 1907; and satisfactorily complied with all the requirements of the Commission by furnishing at different times statements and evidence at its request, from which it appeared that the bonded indebtedness had been fictitiously increased by means of reorganizations until at present the outstanding indebtedness amounts to \$96,000.00 per mile, while the cost of reproduction new to-day at existing high prices is less than \$31,000.00 per mile.

Held: 1. That notwithstanding the fictitious increase of the indebtedness of the corporation, the Commission may not refuse to grant its certificate authorizing the proposed issue of bonds if the applicant has fully complied with the requirements of the statute and no illegality exists either in the amount, character, purposes or terms of the proposed issue.

2. That the function of the Commission is administrative and limited to determining whether the issue is lawful and for lawful purposes; and also ascertaining the financial condition of the corporation. This Commission acts in the matter as an information and registration bureau.

3. That the Commission may not impose limitations not authorized by the statute nor determine the purposes, terms or

conditions upon which such bonds are to be issued, but is obliged to issue its certificate authorizing the issue of such bonds to the amount, for the purposes, and upon the terms proposed by the corporation, if they are legal.

4. That, under that provision of the act imposing upon the Commission the duty of doing and performing all acts necessary to carry out the provisions of the act, it may require in its certificate that upon the sale of the bonds thereby authorized, a verified statement shall be filed by the corporation with the Commission showing the proceeds derived from the sale, and that after the application of such proceeds to the purposes authorized in the certificate, a verified statement shall be filed likewise showing in detail the items for which the same are expended.

No. 2.

*Interstate Transfer Ry. Co.,
Superior.*

Certificate issued Sept. 16, 1907.

Applicant is authorized to issue \$500,000 of common stock, being 5,000 shares, par value \$100.00 each, said stock to be issued at par, for money only. Names of subscribers to this stock are to be filed with the Commission within ten days after said stock has been fully paid; and within thirty days after the proceeds of said stock shall have been expended, a verified statement is required to be filed with the Commission showing the purposes, itemized, for which said proceeds have been expended.

The proceeds of the sale of said stock are to be applied solely for the purposes of securing a right of way, yard grounds, terminal grounds and other real estate, constructing its main line, sidings, turnouts, round houses, shops, yards and other appurtenances and appliances necessary to and convenient for the safe and economical operation of said railroad, and equipping the same with necessary locomotives, cars and other rolling stock.

No. 3.

*Tomahawk & Eastern Ry. Co.,
Tomahawk.*

Certificate issued Aug. 12, 1907. .

Applicant is authorized to issue \$25,000.00, face value, stock, in exchange for money only; said issue to be 250 shares of \$100.00 each.

The purpose to which the proceeds of the sale of said stock is to be devoted is to obtain working capital for the maintenance and operation of a line of railroad extending from the city of Tomahawk eastward to Harrison, and from Antigo Jct. southward to Grand Jct., all in Lincoln county, Wisconsin.

No. 4.

*Chippewa Valley Railway, Light & Power Co.,
Eau Claire.*

Certificate issued Aug. 27, 1907.

Applicant is authorized to issue bonds to the amount of \$650,000.00 at par value, payable in seventeen years, bearing interest at the rate of 5 per cent, payable semi-annually, principal and interest payable in gold coin; said bonds to be issued for money only and for not less than 75 per cent of the par value thereof.

The proceeds of the sale of said bonds are to be applied solely to the following purposes: a. To the retirement of the \$200,000.00 outstanding Chippewa Valley Electric Railroad Company first mortgage 6 per cent bonds, provided that not more than \$205,000.00 shall be required for this purpose; and, b., to the retirement of the \$300,000.00 outstanding Chippewa Valley Electric Railroad Company 5 per cent bonds, provided that not more than \$160,000.00 shall be required for this purpose; and, c., to the retirement of the \$200,000.00 bonds of the Eau Claire Light & Power Company outstanding, bearing interest at the rate of 6 per cent, provided that not more than \$152,500.00 shall be required for this purpose.

Any portion of said proceeds remaining after the payment and retiring of said outstanding bonds to be used exclusively for the purpose of developing the property of said Chippewa Valley Railway, Light & Power Company.

No. 5.

*Chippewa Valley Railway, Light & Power Co.,
Eau Claire.*

Certificate issued Aug. 27, 1907.

Applicant is granted authority to issue \$100,000.00 of 7 per cent cumulative preferred stock, for money only and at par value.

The proceeds of the sale of such preferred stock are to be used exclusively for developing the undeveloped water powers of the company.

No. 6.

*Waupaca-Green Bay Ry. Co.,
Waupaca.*

Certificate issued Aug. 29, 1907.

Applicant is authorized to issue \$60,000.00 of first mortgage, 6 per cent gold bonds, for money only, being of \$500.00 each and to be payable four on the first of July each year, beginning in 1909; also \$70,000.00 of stock, being 700 shares of \$100.00 each, to be issued for money only and at par value.

The proceeds of the sale of such bonds and stock shall be applied solely for the purposes of constructing and equipping applicant's proposed line of railroad, purchasing necessary terminals in the city of Waupaca and in the village of Scandinavia, and constructing a spur track to the plant of the Waupaca Granite & Quarry Co.

No. 7.

*Wisconsin Valley Improvement Co.,
Wausau.*

Certificate issued Sept. 19, 1907.

Authority is granted to issue \$100,000.00 of stock, for money only, and at par value.

The proceeds from the sale of said stock are to be devoted solely to the purpose of purchasing existing dams and reservoirs, and constructing and acquiring other dams and reservoirs and lands necessary therefor, as authorized by ch. 335, Laws of 1907.

No. 8.

*Milwaukee & Fox River Valley Ry. Co.,
Elkhart Lake.*

Certificate issued Oct. 18, 1907.

Authority is granted to issue \$200,000.00 of 5 per cent gold bonds, payable in thirty years, to be issued for money only and for not less than 75 per cent of the par value.

The proceeds of the sale of such bonds shall be applied solely to the payment of the outstanding indebtedness of the company and to the completion and equipment of its railway.

No. 9.

Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

Application filed on Sept. 26, 1907, for authority to issue \$4,200,000.00 of stock. An increase of \$21,000,000.00 in the capital stock of the company had been voted by the directors, but the amendment to the articles of incorporation providing for this increase of stock had never been filed, as required by law, in the office of the secretary of state. The Commission took the view that it should not grant the company's application for authority to issue the proposed \$4,200,000.00 of stock until an amendment to the articles of incorporation providing for the proposed stock increase of \$21,000,000.00, of which the \$4,200,000.00 was to be a part, had been filed with the secretary of state. From this view the company dissented and the Com-

mission sought the advice of the attorney general, being advised that the proposed increase of capital stock by resolution amounted to an amendment to the articles of incorporation and must be recorded and filed, and that the certificate applied for should not issue until such amendment be recorded. Applicant appealed from the Commission to the circuit court for Dane county and was there sustained. Upon review by the supreme court, the lower court was reversed and the Commission was sustained. Therefore the certificate applied for was not granted.

No. 10.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

Certificate issued Oct. 19, 1907.

Authority is granted to issue \$3,591,000.00 bonds as follows:

1. 469 bonds, \$1,000.00, drawing interest at the rate of 3½ per cent, and 230 bonds, \$1,000.00 each, bearing interest at 6 per cent, which bonds are to be used for the purpose of reimbursing the treasury of the company for the cost of constructing the line between Tuscobia and Draper in Wisconsin, and between Hartington and Crofton in Nebraska.

2. 1,514 bonds of \$1,000.00 each, drawing not to exceed 6 per cent interest, the proceeds to be used to retire bonds of the Chicago, St. Paul & Minneapolis Ry. Co., now outstanding.

3. 641 bonds of \$1,000.00 each, drawing interest not exceeding 6 per cent, proceeds to be used for retiring bonds of the North Wisconsin Ry. Co., now outstanding.

4. 335 bonds of \$1,000.00 each, drawing not more than 6 per cent interest, proceeds to be used to retire bonds of the St. Paul, Stillwater & Taylors Falls R. R. Co., now outstanding.

5. 125 bonds of \$1,000.00 each, drawing not more than 6 per cent interest, proceeds to be used for retiring bonds of the Hudson & River Falls Ry. Co., now outstanding.

6. 277 bonds of \$1,000.00 each, drawing not more than 6 per cent interest, to be used to pay cost of constructing line between Newcastle and Wynot in Nebraska.

All of these bonds are to be issued for money only and for not less than 75 per cent of their par value.

No. 11.

*Whitewater Water Works Co.,
Whitewater.*

Certificate issued Oct. 25, 1907.

Authority is granted to issue \$2,000.00 par value bonds, drawing interest at the rate of 6 per cent, to be issued at par value and for money only.

The proceeds to be used solely for the payment of extensions and improvements of the plant of the company.

No. 12.

*West Bend Heating & Lighting Co.,
West Bend.*

Certificate issued Nov. 5, 1907.

Authority is granted to issue \$25,000.00 of stock, par value, and in return for the money and property actually received by the company at the values set for in the certificate, including an electric lighting plant, central heating system, accounts receivable and cash.

No. 13.

*Lake Superior Southern Ry. Co.,
Oshkosh.*

Certificate issued Dec. 2, 1907.

Authority is given to issue \$900,000.00 of joint bonds with the Lake Superior Southern Ry. Co., a Michigan corporation, said bonds to be of \$1,00.00 each, par value, to be issued partly for money and partly for property scheduled and at values set forth in the certificate, and to bear interest at the rate of 5 per cent.

Two hundred of said bonds are to be issued for labor and property described in the certificate, and seven hundred are to be issued for money only, at par value, less a reasonable amount, not more than 25 per cent, as a discount for negotiating the same.

No. 14.

Chicago & Milwaukee Electric Co.

Certificate issued Dec. 2, 1907.

Authority is granted to issue \$2,100,000.00 of twenty-year, 5 per cent gold bonds, in denominations of \$1,000.00 each.

Bonds are to be issued on the basis of 85 cts. on the dollar of the face value thereof, the proceeds to be applied to the payment of the cost of construction work and property scheduled and valued in the certificate.

No. 15.*Menomonee Falls Electric Light Co.,**Menomonee Falls.*

Certificate issued Apr. 15, 1908.

Authority is granted to issue \$10,000.00 of common stock and \$6,000.00 of bonds, for money and for property, being 400 shares, of the face value of \$25.00. The bonds shall be 60 in number, of par value of \$100.00 each, bearing 6 per cent interest and payable in gold.

The proceeds of the sale of 140 shares of the stock shall be expended in the purchase of additional machinery, and the other 260 shares of stock authorized to be issued shall be exchanged for the property of an electric plant described in the certificate. The proceeds from the sale of the bonds, which are to be issued for money only at not less than 75 per cent of the face value, are to be expended in purchase of property and enlargement of the plant.

No. 16.*Racine Gas Light Co.,**Racine.*

Certificate issued Feb. 4, 1908.

Authority is given to issue \$300,000.00 par value, 5 per cent, thirty-year, consolidated gold bonds.

The proceeds from the sale of said bonds are to be used to pay for extending and developing the plant of the company, for per-

manent betterments and improvements, for the purchase of additional machinery, for the payment of unpaid current bills incurred for the same purposes, and to refund existing indebtedness for the same purposes.

No. 17.

Waupaca-Green Bay Ry. Co.,
Waupaca.

Certificate issued Feb. 8, 1908.

Authority is granted to issue \$60,000.00 of 6 per cent gold bonds, maturing in 1928, there being 120 such bonds of par value of \$500.00 each.

The proceeds of the sale of said bonds are to be used solely for the retirement of the issue of \$60,000.00, authorized by the Commission on Aug. 29, 1907, and said bonds shall be issued for money only for not less than 75 per cent of the par value, but may be assigned as collateral security on a note or notes for the purpose of raising money with which to pay construction indebtedness.

No. 18.

La Crosse Water Power Co.,
La Crosse.

Certificate issued Feb. 25, 1908.

Authority is granted to issue \$2,000,000.00 of 5 per cent bonds, part of \$500.00 each, and part of \$1,000.00 each, to be issued for money only at not less than 75 per cent of the par value.

The proceeds from the sale of these bonds shall be applied to pay existing liabilities outstanding against the company, to acquire additional property, to extend and improve the plant and further develop the business.

No. 19.

Rhineland Power Co.,
Rhineland.

Certificate issued Feb. 20, 1908.

Authority is granted to issue \$15,000.00 preferred stock, being 150 shares of \$100.00 each, bearing guaranteed dividends of 8 per cent per annum.

Such stock is to be issued for money only at the par value thereof, and the proceeds are to be used solely for the payment of the bills payable of the company.

No. 20.

*The Milwaukee Electric Railway & Light Co.,
Milwaukee.*

Certificate issued Feb. 21, 1908.

Authority is granted to issue \$608,000 bonds, bearing 4½ per cent interest, payable in gold and maturing on Jan. 1, 1931.

Said bonds are to be disposed of for money only at not less than 80 per cent of par value, and the proceeds thereof are to be used for payment of obligations of the company, extending and bettering the property and acquiring additional property.

No. 21.

*Ashland Power Co.,
Ashland.*

Certificate issued Feb. 27, 1908.

Authority is granted to issue \$50,000 common stock, being 500 shares of \$100.00 each and 500 shares of preferred stock at \$100.00 each, aggregating \$50,000; and \$300,000.00 par value 6 per cent gold bonds of \$1,000.00 each, maturing in twenty years.

Of the common stock, \$30,000.00 is to be issued for money only at par value, \$20,000.00 shall be issued at par value and may be exchanged for stock of the Ashland Light, Power & Street Ry. Co., valued at 93½ per cent of the face value; the preferred stock shall be issued for money only and at par value.

Of the \$300,000.00 of bonds, \$167,000.00, at par value, may be exchanged for stock of the Ashland Light, Power & Street Ry. Co., valued at 93½ per cent of the face value; and \$133,000.00 may be disposed of for money only, at not less than 75 per cent of par value.

The proceeds from the sale of these securities shall be used in developing and improving the company's property, and acquiring and developing water power and other property.

No. 22.

*Wausau Street Ry. Co.,
Wausau.*

Certificate issued Feb. 28, 1908.

Authority is granted to issue \$198,000.00 of common stock and \$240,000.00 of bonds, partly for money and partly for property. The stock will be in 1,980 shares of \$100 each, par value, and the bonds shall be 6½ per cent gold bonds, payable when the directors of the corporation may determine. The stock shall be issued at par value for money only, but the corporation may use said stock at the par value thereof in exchange for stock of the Wausau Electric Co., and also in exchange for certain bonds as provided in the certificate. The bonds shall not be sold for less than 75 per cent of par value.

The proceeds from the sale of the bonds, and the money derived from the stock which may be sold for money, will be devoted to the purchase of the Mosinee water power on the Wisconsin river from the Joseph Desert Lumber Co. The petitioner may purchase part of the stock of the Wausau Electric Co., not exceeding \$75,000.00 par value, and pay for the same in bonds of the Wausau Street Ry. Co., at 80 per cent of face value.

No. 23.

*Union Refrigerator Transit Co. of Wisconsin.
Milwaukee.*

Certificate issued Mar. 12, 1908.

Authority is granted for the issuing of \$480,000.00 bonds, par value, of various denominations, drawing interest at the rate of 6 per cent, payable upon the presentation of coupons attached to the bonds. The bonds are to be issued at par with accrued interest, for cash.

The purpose for which said bonds are to be issued is to pay off certain lease warrants or notes for such amount, payable by said corporation, which mature on May 1, 1908.

No. 24.

*Northern Hydro-Electric Power Co.,
Oshkosh.*

Certificate issued Mar. 20, 1908.

Authority is granted to issue \$1,000,000.00 common stock, in 10,000 shares of \$100.00 each, to be issued for money only and at par value.

The proceeds from the sale of such stock shall be devoted to the purchase of properties described in the certificate, being parcels of land, together with water powers, charter rights, appurtenances and improvements already made, and for any other lawful purpose.

No. 25.

*Citizens' Gas Co.,
Burlington.*

Certificate issued Mar. 25, 1908.

Authority is given to issue \$10,000.00 of stock, being 100 shares of \$100.00 each, par value, to be issued for money only at face value.

The proceeds from the sale of said stock are to be used solely for the payment of the cost of building and installing a gas plant, providing services and extensions and working capital.

No. 26.

*Langlade Power Co.,
Milwaukee.*

Certificate issued April 1, 1908.

Authority is granted to issue \$300,000.00 of common stock, being 3,000 shares of \$100.00 each, par value, to be issued for money only and at par value.

The purposes for which the proceeds from the sale of said stock are to be used are the purchase of undeveloped water power or powers, or for any other lawful purpose consistent with its articles of incorporation.

No. 27.

La Crosse Water Power Co.,
La Crosse.

Certificate issued April 3, 1908.

Authority is granted to issue \$500,000.00 of promissory notes, for money only, and bearing interest at the rate of 6 per cent. The notes to be of denominations of \$500.00 and \$1,000.00, and to run for two years.

The money to be so raised is to be used to pay outstanding indebtedness of the corporation, to acquire additional property, to extend and improve its plant, and to further develop its business.

No. 28.

Wisconsin Central Ry. Co.

Certificate issued May 8, 1908.

Authority is granted to issue \$120,000.00 par value of bonds, for money only, said bonds to be 120 in number, of \$1,000.00 each and bearing interest at the rate of 6 per cent.

Said bonds to be issued at par value, and the proceeds derived from the sale thereof to be used for the purchase of ten new locomotives.

No. 29.

Eau Claire Gas Light Co.,
Eau Claire.

Certificate issued May 8, 1908.

Authority is granted to issue \$45,000 par value of bonds, for money only, to be of denominations of \$500.00 or \$1,000.00 each, payable in 1925 and bearing interest at the rate of 5 per cent.

The proceeds derived from the sale of these bonds to be devoted to the payment of 80 per cent of the cost of additions to and improvements and betterments of the property owned by the applicant company.

No. 30.

La Crosse Gas & Electric Co.,

La Crosse.

Certificate issued May 9, 1908.

Authority is granted to issue \$100,000.00 of 5 per cent cumulative preferred stock, for money only and at the par value thereof.

The proceeds from the sale of such stock shall be applied solely to extensions and improvements of the present properties of the corporation, for paying for improvements which are made or to be made, for buying the properties of the Central Electric Co., and for carrying on the business of the La Crosse Gas & Electric Co.

No. 31.

Lake Superior Southern Ry. Co.

Oshkosh.

Certificate issued May 20, 1908.

Authority is granted to issue \$400,000.00 of joint promissory notes, with the Lake Superior Southern Ry. Co., a Michigan corporation, said notes to be of denominations of \$250.00, \$500.00 and \$1,000.00, bearing interest at the rate of 6 per cent, payable in two years.

Said notes to be sold for money only and at not less than 75 per cent of the face value thereof, and the proceeds thereof to be used for the construction of the proposed line of railroad from Huron Bay, on Lake Superior; to Champion, Michigan, and for the payment of other lawful indebtedness of the companies.

No. 32.

Little Wolf Power Co.,

Oshkosh.

Certificate issued May 19, 1908.

Authority is granted to issue \$250,000.00 of stock, in 2,500 shares of \$100.00 each, to be issued for money only and at the face value thereof.

The proceeds from the sale of said stock to be devoted to the purchase of water powers and other properties, as set forth in the certificate.

No. 33.

*Manitowoc Gas Co.**Manitowoc.*

Certificate issued May 19, 1908.

Authority is granted to issue \$20,000.00, par value, of bonds for money only, to be of \$1,000.00 each and bearing interest at the rate of 5 per cent.

The bonds to be sold for not less than 75 per cent of par value, and the proceeds to be applied to the purchase, cancellation and retirement of \$20,000.00, par value, of cumulative 6 per cent preferred stock of the company.

No. 34.

*Milwaukee Light, Heat & Traction Co.**Milwaukee.*

Certificate issued June 8, 1908.

Authority is granted to issue \$2,500,000.00 gold bonds, for money only, bearing interest at 5 per cent and running for thirty years.

Said bonds are to be issued for not less than 75 per cent of face value, and the proceeds to be used for the payment of obligations contracted for extensions, equipment and development of the railways and properties of the company, and for the purchase and acquisition of additional properties and of shares of stock of corporations owning electric light, gas and power plants, and also to pay for future extensions, equipment and development of the railways and properties of the company, and for other purposes as set forth in the mortgage securing said bonds.

PART VIII.

Suits By and Against the Commission.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

VS.

RAILROAD COMMISSION OF WISCONSIN.

On September 15, 1906, the Commission handed down a decision requiring the Minneapolis, St. Paul & Sault Ste. Marie Railway Company to erect and construct at a point on its line between the stations of Nye and Deronda, which point was formerly known as Dwight Siding or Spur, a station platform, and further ordered that it stop one local passenger train each way for the purpose of receiving and discharging passengers and express packages. The railway company brought an action under the provisions of sec. 16, ch. 362, Laws of 1905, in the circuit court for Dane county to vacate and set aside the said order. The judgment of the circuit court was to the effect that the order of the Commission was not unreasonable, and it refused to vacate the same. Appeal was taken to the supreme court and on June 5, 1908, the court handed down a decision of which the following is the syllabus, sustaining the order of the Commission :

“1. *Constitutional Law—Constitution as Grant or Limitation of Power—State Constitution.*

While the Constitution of the United States gives Congress power to make all laws necessary for carrying into execution the powers granted by that instrument, the Legislature of this state possesses such power without any enabling provision.

2. *Same—Legislative Power—Delegation—Contingent Legislation.*

The Legislature may delegate any power not legislative which it may itself rightfully exercise, and, where a preliminary de-

termination of a fact or group of facts is necessary before enforcing a law, the Legislature may declare the general rule of law to be in force and to take effect upon the subsequent establishment of the facts necessary to its application; the nature of the contingency being immaterial, if it be an equal and fair one, and not opposed to law or sound policy, and so far connected with the object and purpose of the statute as not to be arbitrary.

3. *Same—Regulation of Carriers—Railroad Commission—Orders—Review by Courts.*

Laws 1905, pp. 556, 559, c. 362, Secs. 12, 14, requires every railroad to furnish reasonably adequate service and that the charges therefor shall be reasonable and just, and authorized the railroad commission, upon complaint of any person, to investigate alleged unreasonable charges, and if they are found to be unreasonable or unjustly discriminatory, or the service found to be inadequate, the commission is given power to fix such rates, charges, etc., as shall be just and reasonable, and that rates, etc., fixed by the commission shall be prima facie reasonable until found otherwise. Section 16, p. 560, permits the railroad or other party in interest to obtain a review of the order of the commission by the circuit court, to vacate the order on the ground that the rate, etc., fixed is unlawful, or that any regulation is unreasonable, and places the burden on plaintiff to show by clear and satisfactory evidence that the order is unreasonable. Section 14, subd. 'a', empowers the commission, after hearing, to rescind or alter its orders. Section 28, p. 566, empowers it to fix emergency rates. Held, that the Legislature could confer upon the courts authority to inquire whether the orders of the commission were unreasonable and to vacate any unreasonable order, as the law assumes the existence of exactly reasonable rates, etc., which are unknown, and delegates to the commission only the power of ascertaining facts necessary to determine such reasonable rate and to make administrative regulations so that the courts, in reviewing the orders of the commission, exercise no legislative power, and are not required to ascertain any rate, or to declare any rule or law unreasonable, but merely to exercise judicial power in ascertaining whether the commission had declared an unreasonable rate; but neither the commission nor the court can be vested with discretion to determine whether the law declared by the Legislature shall or shall not go into effect in particular cases.

4. *Same—'Unreasonable Orders'.*

In reviewing the order of the railroad commission, the court's inquiry is not whether the rate or regulation fixed by the com-

mission is unreasonable, but whether the order of the commission is unreasonable or unlawful; and if the order is found to be such that reasonable men might differ as to its correctness, it can not be said to be unreasonable, and while the court may, to aid it in arriving at a correct conclusion, consider how far it differs from a reasonable rate, it can not legally declare any rate reasonable.

5. *Carriers—Regulation of Rates—Evidence—‘Clear and Satisfactory’—What Constitutes.*

Under Laws 1905, p. 549, c. 362, relating to a review of the orders, etc., of the railroad commission, and providing that in all trials the burden of proof shall be upon the plaintiff to show by clear and satisfactory evidence that the order complained of is unlawful or unreasonable, the ‘clear and satisfactory’ proof required by the statute is such proof as is necessary to establish fraud or prove mistake in the execution of a written instrument; but it is not necessary that the orders be confiscatory in character and effect to enable the court to review them, such a construction being negatived by Const. Art. 7, Sec. 8, giving circuit courts appellate jurisdiction of, and supervisory control over, all inferior courts and tribunals.

6. *Same—‘Confiscatory Orders’.*

‘Confiscatory orders’ are ordinarily, but not always, unlawful and unreasonable, and to be confiscatory an order of the railroad commission regulating rates, etc., must deprive the railroad of a fair return upon its property, and not merely reduce former rates or charges.

7. *Same—Unreasonable Order—Considerations in Determining.*

Under Laws 1905, pp. 556, 559, c. 362, Secs. 12, 14, requiring railroads to furnish adequate service, and that the charges and rates be reasonable, and permitting the railroad commission to fix reasonable rates, and section 16, permitting the railroad or other party in interest to have such orders reviewed in the circuit court in an action against a commission to vacate an order on the ground that it is unlawful or unreasonable, in determining whether any order is unreasonable, the court must consider that every unnecessary burden imposed upon the railroad impairs its net receipts and diminishes the margin between its gross receipts and the amount sufficient to assure a fair return on the value of its property, plus the amount of its fixed charges and operating expenses, and that the rights of the public and of the railroad require that this margin should ordinarily not be exhausted or impaired by orders of the commission as fast as it accumulates.

8. *Same—What Constitutes.*

Laws 1905, pp: 556, 559, c. 362, Secs. 12, 14, require railroads to furnish adequate service and that the rates and charges be reasonable, and upon complaint the railroad commission may investigate, and if such rate or charge is found unreasonable, may fix a reasonable rate. Section 16 permits the railroad or any party in interest to have such orders reviewed in the circuit court, from which an appeal may be taken to the supreme court. The commission after investigation, ordered defendant to construct at a point half way between two stations which were eight miles apart, there being a good road to it from one of the towns, and 61 and 69 miles, respectively, from Minneapolis, a platform suitable for loading cream and other merchandise shipped by express, and to enable passengers to get on and off trains, and ordered defendant to stop one local passenger train running each way, upon signal only, except during the cream shipping season. The point at which the platform was to be erected was in a dairy and agricultural community, consisting of 64 families of 294 persons, and the area for several miles around was tributary to the proposed station for railroad purposes, and the probable contribution to traffic from the proposed station would be sufficient to pay the railroad a small profit over the expense caused by the extra stop. The order did not prevent the trains affected thereby from making their usual connections. Held, that, though the supreme court would not have made the order under the circumstances had it been sitting as a commission, competent and reasonable men might differ as to its propriety or reasonableness and hence it was within the power of the commission, and will not be declared unreasonable."

DODGE, J., dissenting.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY CO.

VS.

RAILROAD COMMISSION OF WISCONSIN.

On June 1, 1907, the Commission handed down a decision in the case of *Harvey Clark vs. Chicago, Milwaukee & St. Paul Ry. Co.*, which involved the right of a railroad company to switch and deliver on its team track a car moved over another line of railroad. It was held in this case that there was no sufficient reason why delivery on a team track should stand on any different footing than a delivery on an industry track, where such industry track is built and maintained at the expense of the carrier; that the action of the respondent in this case, in refusing to switch and deliver on one of its team tracks in the city of Janesville a car of ice shipped over the line of the

Chicago & North Western Ry. Co., was unlawful; that under the provisions of sec. 11, ch. 362, Laws of 1905, as amended, it was the duty of the respondent to receive the car in question and switch and deliver the same on its team track, it being entitled to receive a reasonable compensation for such service, and the respondent was ordered to make future deliveries for the petitioner on the payment of two dollars for each car received from the Chicago & North Western Ry. Co. for delivery on the team track in question.

Following the rendering of this decision the respondent asked that the matter be re-heard, and on July 2, 1907, presented its argument. A decision on the re-hearing was handed down July 31, 1907, which sustained the former order of the Commission.

The railroad company appealed from this decision of the Commission to the circuit court of Dane county, and on Aug. 24, 1907, served on the Commission a summons and complaint praying that the said order be vacated and set aside, and that such further relief be granted as to the court may seem proper.

The papers were turned over to the attorney general, and at the date of this report the company had complied with the order of the Commission and the case in court is still pending.

WISCONSIN CENTRAL RY. CO.

vs.

RAILROAD COMMISSION OF WISCONSIN.

On July 31, 1907, the Commission rendered a decision *in re Rib River Land Co. vs. Upham Manufacturing Co., Wisconsin Central Ry. Co., Copper River Land Co.*, in which it ordered the Wisconsin Central Ry. Co. to operate or cause to be operated as a common carrier and for the benefit of shippers desiring to transport freight over same, a certain line of railroad extending about fifteen miles north from Athens, Wisconsin.

The Wisconsin Central Ry. Co. appealed from this decision to the circuit court of Dane county and on Sept. 3, 1907, served on the Commission a complaint and order to show cause why the time in which the above mentioned order became effective should not be extended. The papers in the case were turned over to the attorney general and at the date of this report the case is still pending.

RAILROAD COMMISSION OF WISCONSIN

vs.

CHICAGO & NORTH WESTERN RAILWAY CO.

RAILROAD COMMISSION OF WISCONSIN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY CO.

On August 13, 1906, the Commission rendered a decision in the matter of the *Southern Wisconsin Cheesemen's Protective Association vs. Chicago, Milwaukee & St. Paul Railway Company et al.*, in which it lowered the existing rates on cheese from concentration points to Milwaukee.

Following the rendering of this decision the said Association requested the Commission to bring an action before the interstate commerce commission asking that the interstate rates on cheese from concentration points in the state of Wisconsin to Chicago be lowered. Such complaint was filed on November 6, 1907. The hearing was held before Special Examiner John H. Marble at Madison on February 25, 1908, at which time the matter was submitted and the matter is now pending before the interstate commerce commission.

PART IX.

Rates Charged by Water, Gas, Electric, Heating and Telephone Companies.

I. Electric Rates.

ALBANY.

(Population 822)

ALBANY ELECTRIC LIGHT & MILLING CO.

Public service. 1 arc light, 1,000 c. p. dusk to 11 p. m., moonlight schedule, \$42 per lamp per annum. Incandescents, 60 cts. per c. p. per month on above schedule.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge 75 cts. per month; meter rent 10 cts. per month. Lamp renewals are free. Flat rates: 50 cts. per 16 c. p. equivalent for business places, 33 1-3 cts. per 16 c. p. equivalent for residences.—Arc lamps: flat rate, dusk to closing hour, \$36 per lamp per annum; discount, free use of one 16 c. p. incandescent lamp.—No power service.

ALGOMA.

(Population 2,008)

MUNICIPAL LIGHT PLANT.

Public service. 24 arc lamps, 1,200 c. p., moonlight schedule, \$85 per lamp per annum; 8 incandescents, \$4.50 per mo.

Commercial service. Incandescent. Meter rates: 11 cts. per kw. hr., minimum charge 50 cts. per month. Lamp renewals are not free.—Arc and tantalum meter rates same as above.—No commercial arc or power service.

ALMA.

(Population 1,172)

THE ALMA ELECTRIC LIGHT Co.

Public service. 7 arc lamps 120 c. p., dusk to midnight, \$60 per lamp per annum; 62 incandescents 16 c. p. at 60 cts. per 16 c. p. month.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge \$1 per month, discount 10 to 40 per cent, according to the amount used. Flat rates: 40 cts. per 16 c. p. per month for stores, 50 cts. for residences, 60 cts. for midnight service; meter rent 25 cts. per month. Lamp renewals are not free.—No power or commercial arc service.

AMERY.

(Population 753)

THE AMERY ELECTRIC Co.

Public service. 4 arc lamps, 2,000 c. p., dusk to dawn, \$54 per lamp per annum; 70 incandescents, 40 cts. per 16 c. p. per month; discount 10 per cent.

Commercial service. Incandescents. Flat rates: business service 40 cts. per 16 c. p. per month; residence service 50 cts. per 16 c. p. per month, with minimum charge of 15 cts. per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$54 per lamp per annum.—No power service.

AMHERST.

(Population 613)

B. E. DWINELL & Co.

Public service. 11 arc lamps, 2,000 c. p., \$48 per lamp per annum, moonlight schedule, dusk to midnight.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge \$1 per month; meter rent 25 cts. per month. Lamp renewals are not free. Flat rates: 50 cts. per month for each 16 c. p. lamp.—No commercial arc or power service.

ANTIGO.

(Population 6,663)

ANTIGO ELECTRIC LIGHT Co.

Public service. 31 arc lamps, 1,200 c. p., dusk to dawn, 4,000 hrs. per year, \$100 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., discounts 5 per cent on \$5 bill to 30 per cent on \$100 bill. Lamp renewals are not free. Flat rate: 45 cts. per 16 c. p. per month for service till 8 p. m.; 5 cts. added for each additional hour; windows 42 cts. per lamp, dusk till 10 p. m.—Arc lamps. Flat rates: \$5 per month for midnight service.—Power service. Meter charge: 8 cts. per kw. hr., discounts according to amount, 100 kw. hrs. 5 per cent, 1,000 kw. hrs. 50 per cent; minimum charge of \$1 per h. p. per month.

APPLETON.

(Population 17,000)

WISCONSIN TRACTION, LIGHT, HEAT & POWER Co.

Public service. 253 arc lamps, 2,000 c. p., dusk to dawn, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr., discounts according to amount—5 per cent off on bills over \$5 to 30 per cent off on bills over \$50; 5 per cent additional if bill is paid in ten days; minimum charge \$1 per month where consumption is less than 9 kw. hrs. Renewals furnished free.—Arc lamps and Nernst lamps same rate as above.—Power service. Meter rates: 8 cts. per kw. hr.; discount varies from 5 per cent on consumption over 100 kw., to 50 per cent on over 1,000 kw.; minimum charge \$2 for motors less than 2 h. p., \$1 for each additional h. p. Discount for prompt payment as above.

Special rates made to consumers above 600 kw. hrs. as follows: arc, Nernst and incandescent lamps, 12 cts. per kw. hr. for first 100 kw. hrs., 2 cts. reduction for each next two 100 kw. hrs. and next 200 kw. hrs., 4 cts. for all over 600 kw. hrs. Power, 8 cts. for first 100 kw. hrs., 2 cts. reduction for next 100 kw. hrs., 1 ct. reduction for each next 100 kw. hrs. and 200 kw. hrs.; 3 cts. for all over 600 kw. hrs.

ARCADIA.

(Population 1,316)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 6 arc lamps and 156 incandescents, 16 c. p. l. equivalent. The street lighting system is on a meter and pays the same rate as private consumers.

Commercial service. Incandescents. Meter rate: 7 cts per kw. hr., with no discount. Lamp renewals are not free. Flat rates: one 16 c. p. lamp, 50 cts.; two 16 c. p. lamps, 90 cts.; three 16 c. p. lamps, \$1.25 per month. Where more than three lamps are used they are placed on a meter.—No commercial arc or power service.

ASHLAND.

(Population 14,519)

ASHLAND LIGHT, POWER & STREET RAILWAY Co.

Public service. Arc lamps, 1,200 c. p., \$60 per lamp per annum, for service dusk to midnight; \$78 for service dusk to dawn. Incandescents, 7 cts. per kw. hr.

Commercial service. Incandescents. Meter rates: business service, 10 cts. per kw. hr. for 4 hour use, 6 cts. per kw. hr. for all current used for longer periods. Residence service, 12 cts. per kw. hr., 10 cts. per kw. hr. when consumption in kws. equals the number of 16 c. p. lamps installed; minimum charge 5 cts per month for each 16 c. p. lamp; discount of 5 per cent on all bills paid before the 10th. Flat rates: 16 c. p., all night, 90 cts. per month; midnight, 65 cts. per month; 10 per cent off if paid before the 10th. Signs, outlines, windows, service of 2,000 hrs. per year, figured at 8 cts. per kw. hr., 10 per cent discount. Lamp renewals are not free.—Arc lamps. Meter rates: 10 cts. per kw. hr. for 4 hour service; 6 cts. for service over four hours; discount 5 per cent if paid before the 10th. Flat rates: midnight service, \$5 per month; all night \$7, paid in advance.—Power rates: 10 cts. per kw. hr. for use of less than one hour per day, to 6 cts. where use is over 5 hours; minimum charge \$1 per h. p. per month; discount of 5 per cent if paid before the 10th.

ASHLAND POWER Co.

Public service. Arc lamps, 4 4-10 amp., \$48 per lamp per annum. Incandescents, 25 c. p. series lamp, \$12 per annum.

Further rates have not as yet been filed.

ATHENS:

(Population 862)

ATHENS ELECTRIC LIGHT & POWER CO.

Public service. 10 arc lamps, dusk to midnight, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, 10 cts. per kw. hr. for consumption under 100 kw. hrs., to 7 cts. per kw. hr. for consumption over 400 kw. hrs.; minimum charge per month, \$1; meter rent 10 cts. per month; discount 10 per cent if paid before the 10th of the month. Lamp renewals are free.—No commercial arc or power service.

AUGUSTA.

(Population 1,426)

J. L. BALL.

Public service. 167 incandescent lamps, 32 c. p., dusk to midnight, \$1 per month. Company furnishes all supplies and renewals.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge 25 cts. per month; meter rent 15 cts. per month. Lamp renewals are not free. Flat rates: 35 cts. per 16 c. p. lamp for business hours. No discounts. Arc lamps, flat rates, dusk to 10 p. m., \$2.50 per month; midnight, \$3 per month.—No power service.

BALDWIN.

(Population 640)

BALDWIN ELECTRIC LIGHT AND FUEL CO.

Public service. 13 arc lamps, 1,200 c. p., dusk to midnight, \$45 per month.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; minimum charge, business places \$1, residences 50 cts.; meter rent \$2 per year in advance; minimum rate per month, \$1 for business places, 50 cts. for residences. Flat rates: business places, 16 c. p., 50 cts.; residences, three 16 c. p. lamps \$1 per month; 32 c. p., 75 cts. per month; 8 c. p., 25 cts. per month. Lamp renewals are not free.—No commercial arc or power service.

BANGOR.

(Population 695)

HUSSA BROTHERS.

Public service. Incandescent lamps, 32 c. p., \$2.25 per month.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; meter rent 25 cts. per month. Flat rates: 75 cts. per lamp. Lamp renewals are not free.—No commercial or power service.

BARABOO.

(Population 5,835)

BARABOO LIGHTING CO.

Public service. 52 arc lamps, 2,000 c. p., \$44, dusk to mid-night; 9, dusk to dawn, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rates: 20 cts per kw. hr.; minimum charge 50 cts. per month; discounts 30 per cent if bills are paid before 10th; 40 per cent if gross amount of bill exceed \$30. Flat rates: dusk to 8 o'clock, 50 cts. per 16 c. p. lamp; 10 o'clock 75 cts.; 12 o'clock \$1.—Nernst lamps. Meter rates as above.—No commercial arc or power service.

BARRON.

(Population 1,674)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 18 arc lamps, dusk to 1 a. m., \$60 per lamp per annum; 71 incandescents, 32 c. p., at 50 cts. per month.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; meter rent: 30 cts. per month. Renewals are not furnished free. Flat rates: business service 90 cts. per 16 c. p. lamp; residences 35 cts. per 16 c. p. lamp.—No commercial arc or power service.

BAYFIELD.

(Population 2,675)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 18 arc lamps and 120 incandescent lights, \$1,200 per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. on consumption under 50 kw., to 4 cts. per kw. hr. on

consumption exceeding 100 kw.; minimum rate 75 cts. per month. Flat rates: 75 cts. per 16 c. p. per month, to 50 cts. per 16 c. p. per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$5 per month.—Power. \$5 an hour for thawing purposes.

BEAVER DAM.

(Population 5,615)

BEAVER DAM ILLUMINATING Co.

Public service. 87 arc lamps, 2,000 c. p., moonlight schedule, first 60 at \$70 per lamp per annum; 27 at \$60 per lamp per annum; 19 incandescents.

Commercial service. Incandescents. Meter rates: 20 cts. per kw. hr. for first 40 kws.; all over 10 cts. per kw. hr.; discount 25 per cent if paid before the 15th. Lamp renewals are not furnished free.—Arc lamps. Meter rates same as above.—Power service 10 cts. per kw. hr. Minimum charge \$1 per month.

BELLEVILLE.

(Population 423)

BELLEVILLE MILLS & ELECTRIC LIGHT PLANT.

Public service. Incandescents, cluster of five 16 c. p. lamps, moonlight schedule, \$20 per cluster per annum.

Commercial service. Incandescents. Flat rates: 50 cts. per 16 c. p. l. equivalent per month; halls, etc., 2 cts. per 16 c. p. l. equivalent per evening.

BELOIT.

(Population 12,855)

BELOIT WATER, GAS & ELECTRIC Co.

Public service. 123 arc lamps, 2,000 c. p., dusk to 1 a. m., \$60 per lamp per annum; dusk to dawn, \$80 per lamp per annum; 8 incandescents, 16 c. p., dusk to dawn, \$1 per month.

Commercial service. Incandescents. Meter rates: 18 cts. per kw. hr. for first 25 kw. hrs., to 9 cts. per kw. hr. for all over 75 kw. hrs.; minimum charge per month \$1; meter rent, 10 cts. per month; discount 3 cts. per kw. hr. if paid on or before the 10th.—Readiness to serve rate: demand charge, 10 cts. per month

per 55 watt opening or less; service charge \$1 per month; rate 5 cts. per kw. hr.; discount 25 per cent for payment before 10th; meter rent 10 cts. per month. Flat rate for signs, outlines, windows, etc., 8 cts. to 4½ cts. per kw. hr. Lamp renewals are free in the down town business district.—Nernst and commercial arcs. Meter rates same as above.—Power rates: first fifty kw. hrs., 10 cts. per kw. hr.; all over 500 kw. hrs., 3 cts. per kw. hr.; meter rent 25 cts. per month; minimum charge \$2 per h. p. connected.

BENTON.

(Population 903)

BENTON ELECTRIC LIGHT CO. (MUNICIPAL.)

Public service. 8 arc lamps. No charge.

Commercial service. Meter rates: 12½ cts. per 1,000 watts. Flat rates: incandescents, 50 cts. per 16 c. p. Nernsts, 50 cts. per 16 c. p. Consumers buy meters.—No power service.

BERLIN.

(Population 4,638)

THE BERLIN LIGHT, HEAT & POWER CO.

Public service. 56 arc lamps, 1,200 c. p., dusk to midnight, \$35 per lamp per annum.

Commercial service. Incandescents. Meter rates: residences, 16 cts. per kw. hr.; business, 10 cts. per kw. hr., with discounts according to amount from 5 per cent for over 10 kw. to 50 plus 5 per cent for over 1,500 kw.; all over 2,000 kw. at special rates; meter rent, 25 cts. per month; no minimum monthly charge. Flat rates: 9 o'clock service 75 cts. per 16 c. p. l. equivalent for one light, to 36 cts. per 16 c. p. l. equivalent for over 14 lamps; midnight service, same number of lights, \$1 to 50 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Meter rates same as above. Flat rates: dusk to 9 p. m., \$4.50 to \$4.00 per lamp per month; midnight service, \$5 to \$4.50 per lamp per month.—Power service: Meter rates: 10 cts. per kw. hr., same schedule of discounts as for business lighting rate; minimum charge 25 cts. per month.

BIRNAMWOOD.

(Population 701)

BIRNAMWOOD ELECTRIC LIGHT PLANT.

Public service. 13 arc lamps, dusk to midnight, moonlight schedule, \$35 per lamp per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; minimum charge \$1 per month; meter rent, 25 cts. per month. Flat rates: \$1 per month to \$2 per month, depending upon the size of the house.—No commercial arc or power service.

BLACK RIVER FALLS.

(Population 1,946)

MUNICIPAL ELECTRIC LIGHT PLANT.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr., with 25 per cent discount if paid before the 10th; minimum charge 75 cts. per month. Flat rates: residences, 20 cts. per 16 c. p. l. equivalent per month, to 15 cts. per 16 c. p. l. equivalent per month; hotels, 35 cts. per 16 c. p. per month; offices, 32 cts. per 16 c. p. per month; above discounts apply; minimum charge \$1. Lamps are not renewed free.—Nernst and arc lamps meter rates same as above.—Flat rates for arc lamps, \$80-\$56 per lamp per annum.—No power service.

BLAIR.

(Population 461)

MUNICIPAL ELECTRIC LIGHT & PUMPING STATION.

Public service. 10 arc lamps, 160 c. p., dusk to 11:30 p. m., \$25 per lamp per annum.

Commercial service. Incandescents. Meter rates: 6 cts. per kw. hr. capacity. Flat rates: 25 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

BLANCHARDVILLE.

(Population 642)

BLANCHARDVILLE ELECTRIC LIGHT PLANT (MUNICIPAL.)

Public service. No charge and no tax levied for street lighting.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; no minimum charge; renews lamps free; meter rent, 25 cts. per month. Flat rates, 50 cts. per month per 16 c. p. lamp; 25 cts. for 8 c. p. lamp.—Tantalum lamps, owned by consumers, meter rates, 12 cts. per kw. hr.; meter rent, 25 cts. per month.—No power service.

BLOOMER.

(Population 1,046)

MARTIN RASMUS.

Public service. 7 arc lamps, 2,000 c. p., dusk to dawn, \$60 per lamp per annum; 12 incandescents, 32 c. p., same schedule, \$1 per lamp per month.

Commercial service. Incandescents. Meter rates: 12½ cts. per kw. hr.; meter rent, 25 cts.; no minimum charge. Flat rates: 50 cts. per 16 c. p. lamp or equivalent. Renewals are not furnished free.—Arc lamps, \$36 per lamp per annum.—Power rates 12½ cts. per kw. hr.

BOSCOBEL.

(Population 1,634)

MUNICIPAL ELECTRIC LIGHT & POWER Co.

Commercial service. General rate of 11 cts. per kw. hr. for all service. Lamp renewals are not free.

BOYD.

(Population 682)

CHAS. SHONG & SON.

Public service. 12 arc lamps, dusk to midnight, at \$66.66 each per annum. No incandescents in street service.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; no minimum charge; meter rent, 25 cts. per month. Flat rates: 40 cts. per month for each 16 c. p. lamp.—Arc lamps. Flat rates: only one in commercial service at \$4 per month. Company does not renew lamps free.—No power service.

BRODHEAD.

(Population 1,667)

BRODHEAD ELECTRIC CO.

Public service. 5 arc lamps, 1,200 c. p., dusk to midnight, \$60 per lamp per annum. 123 incandescents, 50 cts. per lamp per month, same schedule.

Commercial service. Incandescents. Meter rates: 10 cts. to 4 cts. per kw. hr. according to amount; minimum monthly charge 50 cts.; meter rent, 10 cts. per month; no discount. Flat rates: 50 cts. to 33 1-3 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—Arc lights, dusk to 10 p. m., \$48 per lamp per annum.—Power rates, one consumer, 2½ to 3 cts. per kw. hr.

BURLINGTON.

(Population 2,625)

BURLINGTON ELECTRIC LIGHT & POWER CO.

Public service. 82 incandescents, 32 c. p., dusk to dawn, moonlight schedule, \$18 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; discounts according to amount, 10 per cent to 20 per cent. Flat rates: 50 cts. to \$1 per 16 c. p. l. equivalent.—Power rates: 10 cts. per kw. hr.; discount according to amount, 10 per cent to 20 per cent.

CADOTT.

(Population 760)

VILLAGE OF CADOTT LIGHT & POWER CO.

Public service. 4 arc lamps, dusk to dawn, at \$50 each per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; a minimum charge of \$1; meter rent, 25 cts. Flat rates: one lamp, 50 cts. per 16 c. p. per month; two lamps \$1; 3 lamps \$1.25; more than 3 must be on meter. Village does not renew lamps free.—No commercial arc lamps.—No power service.

CASHTON.

(Population 673)

CASHTON MILLING Co.

Public service. 38 incandescents, 32 c. p., moonlight schedule, \$24 per lamp per annum.

Commercial service. Incandescents. Flat rates: 50 cts. per month per 16 c. p. l. equivalent. Meter rent, 25 cts. per month. Company does not furnish renewals free.—Nernst lamps. Metered rate: 12 cts. per kw. hr. where bill is less than \$5; where over \$5, 10 cts per kw. hr.

CASSVILLE.

(Population 651)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 13 arc lamps, 30 incandescents, 32 c. p., dusk to midnight, moonlight schedule, 10 cts. per kw. hr.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; meter rent, 25 cts. per month. Lamp renewals are not free.—No commercial arc or power service.

CAZENOVIA.

(Population 398)

CAZENOVIA LIGHT & POWER Co.

Public service. 5 incandescents, 32 c. p., \$15 per lamp per annum.

Commercial service. Incandescents. Meter rates: \$1 per 100 w. hrs., or \$1 per month minimum charge.—No power service.

CEDARBURG.

(Population 1,680)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 37 arc lamps, 6 p. m. to 3 a. m., \$42 per lamp per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; meter rent, 15 cts. per month; no minimum charge. Lamp renewals are not free.—No commercial arc or power service.

MILWAUKEE NORTHERN RY. Co.

Commercial service. Power rates: 10 cts. per kw. hr. for first 10 kws. each month per h. p. of motors installed; all excess 3 cts. per kw.; minimum charge \$12 per year per h. p. installed.

CHETEK.

(Population 950)

CHETEK LIGHT & POWER Co.

Public service. 7 arc lamps, 2,000 c. p., moonlight schedule, \$60 per lamp per annum; 20 incandescents, 32 c. p., \$1.25 per lamp per month; company furnishes renewals.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 60 cts. per month; meter rent, 15 cts. per month. Lamp renewals are not free. Flat rates: business, 50 cts. to 14 cts. per 16 c. p. l. equivalent per month; residences, 50 cts. to 12½ cts. per month per 16 c. p. l. equivalent.—Are lamps. Moonlight schedule, \$60 per month; interior lighting, \$3.50 per month.—No power service.

CHILTON.

(Population 1,528)

WISCONSIN ELECTRIC SERVICE Co.

Public service. None furnished.

Commercial service. For rates applying see Fond du Lac.

CHIPPEWA FALLS.

(Population 9,009)

CHIPPEWA FALLS WATER WORKS & LIGHTING Co.

Public service. 8 arc lamps, d. e., 9.6 amp., open, dusk to dawn, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, 15 cts. per kw. hr. where monthly consumption is less than 20 kws., to 10 cts. where over 60 kws.; minimum charge, 50 cts. per month for residences; \$1 per month for business, etc.; no discounts or meter rent. Flat rate: for each 16 c. p. l. equiv-

alent where more than one is used; 50 cts. per lamp per month for 9 o'clock service to 80 cts. per lamp for midnight service; residence flat rate, where lamps are located in various rooms and turned out when not needed, \$2 to \$5 per month according to size of installation.—Are lamps. Meter rates, same as above; flat rates, \$5 to \$6 for midnight service; \$6 to \$7 for all night service.—Power service. Flat rate: \$5 per h. p. per month for 8 hr. 500 v. continuous daily use, to \$4 per h. p. per month; minimum charge, \$1.50 per month.

CLINTONVILLE.

(Population 1,837)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 25 are lamps, moonlight schedule, 1200 c. p., dusk to dawn, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. if paid before the 20th; 5 cts. additional per kw. hr. if not paid at that time. Lamp renewals are not free. No commercial are or power service.

COLFAX.

(Population 747)

F. E. THOMPSON MILL & POWER PLANT.

Public service. Incandescents 16 c. p. 45 cts. per month.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr. Flat rates: 45 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—No commercial are service.—Power service. Contract rate: \$2.75 per day for 8 h. p. motor.

COLUMBUS.

(Population 2,388)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. \$4 are lamps, 1,200 c. p., dusk to midnight, \$40 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge \$6 per year; discounts 10–20 per

cent; meter rent 25 cts. per month, charged if bill is not paid before the 15th of month. Renewals are not furnished free.—Are service: dusk to 8 o'clock, \$2 per lamp per month; dusk to midnight, \$4 per lamp per month.—Power rates: 10 cts. per kw. hr.; minimum charge \$6 per year.

CUBA CITY.

(Population 755)

CUBA CITY MUNICIPAL LIGHT PLANT.

Public service. 17 arc lamps, 3 hr. schedule per night; 15 incandescents, 16 c. p. No charge.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr. Flat rates, 50 cts. per 16 c. p. l. equivalent per month for one lamp to 25 cts. per 16 c. p. l. equivalent for more than 4 lamps.—Arc lamps. Flat rate, \$5 per month.—No power service.

CUDAHY.

(Population 2,556)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 40 arc lamps, 2,000 c. p., dusk to dawn, \$84 per lamp per annum. Contract period, 3 years—June 1, 1907, to June, 1910.

Commercial service. Rates same as those filed for Milwaukee.

CUMBERLAND.

(Population 1,493)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 86 incandescents, 32 c. p., no charge.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. Flat rate: 30 cts. per 16 c. p. l. equivalent, for residences and offices; 40 cts. per 16 c. p. per month for business places. All night rates, $2\frac{1}{2}$ times the above.—Arc lamps same rate.—No power service furnished.

DARLINGTON.

(Population 1,843)

DARLINGTON ELECTRIC LIGHT & POWER CO.

Public service. City contracts to pay \$2,400 for 7 arc lamps, 1,200 c. p., dusk till daylight, moonlight schedule; 70 incandescents, 30 c. p., same schedule, and water service.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. first 50 kw. hrs., 5 cts. for each additional; minimum monthly bill, 50 cts. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free to meter consumers.—Arc lamps. \$5 per month for 10 o'clock service.—No power service.

DELAVAN.

(Population 2,321)

DELAVAN LIGHT & POWER CO.

Public service. 35 arc lamps, 1,200 c. p., dusk till midnight, moonlight schedule, \$60 per lamp per annum. Incandescents, 32 c. p., same schedule, \$1.50 per month; all night \$2 per month.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr. for first 30 hrs., 10 cts. per kw. hr. next 30 hrs.; all excess 5 cts. per kw. hr.; discounts 10 to 20 per cent, according to amount; minimum charge, stores \$1.25, residences \$1; meter rent 25 cts. per month. Lamp renewals are free.—Nernst lamps, same meter charge; minimum rate, 75 cts. per glower.—No commercial arc or power service.

DE PERE.

(Population 4,523)

DE PERE ELECTRIC LIGHT AND POWER CO.

Public service. 30 arc lamps, 1,200 c. p., \$50 per lamp per annum; 12 arc lamps, moonlight schedule, \$48 per lamp per annum; 50 incandescents, 16 c. p., \$1 per month; 253 hrs. for pumping water, \$115 per month—approximately 2 cts. per kw. hr.

Commercial service. Incandescents. Meter rates: 11 cts. per kw. hr. for residences, 13 cts. per kw. hr. for stores and business places, 15 cts. for lodges, churches, etc.; no minimum.

charge; meter rent 25 cts. per month. Flat rates: 50 cts. per month per 16 c. p. lamp. Lamp renewals are not free.—Tantalum and arc lamps, meter rates same as above. Flat rates for arc lamps \$4 per lamp per month.—Power rates 8 cts. per kw. hr., with discount for quantity from 10 to 50 per cent.

DODGEVILLE.

(Population 2,152)

DODGEVILLE ELECTRIC LIGHT & POWER CO.

Public service. 5 arc lamps, moonlight schedule, \$78 per lamp per annum; 136 incandescents, 32 c. p., \$19.50 per lamp per annum. Lamps are renewed by company.

Commercial service. Incandescents. Meter rates: 16 cts. per kw. hr.; minimum charge, \$1 per month; meter rent, 25 cts. per month. Flat rates, 70 cts. to 50 cts. per 16 c. p. l. equivalent per month, according to size of installation; 50 per cent reduction for hotels, etc.—Arc lamps, dusk to midnight, \$6.50 per lamp per month.—No power service.

DURAND.

(Population 1,559)

DURAND LIGHT & POWER CO.

Public service. Incandescent lamps, 32 c. p., \$1 per month.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 50 cts. per month. Flat rates: business, first 5 lights 50 cts. per 16 c. p. l. equivalent, each additional light 35 cts.; residences, first four lights 30 cts. per 16 c. p. l. equivalent, each additional light 20 cts. Lamp renewals are not free.—Arc lamps in stores \$3 per month.—No power service.

EAGLE RIVER.

(Population 1,399)

EAGLE RIVER LIGHT & WATER CO.

Public service. 17 arc lamps, dusk to dawn, \$60 per lamp per annum.

Commercial service. Incandescents. Flat rates: \$2.50 per month, with no restrictions as to number of lamps, candle power or hours.—No commercial arc or power service.

EAU CLAIRE.

(Population 18,737)

CHIPPEWA VALLEY RAILWAY LIGHT & POWER CO.

Public service. 90 arc lamps, 2,000 c. p., \$74 per lamp per annum.

Commercial service. Lighting. Meter rates: 15 cts. per month for each active connected incandescent unit of 50 watts capacity, plus 3 cts. per kw. hr. for all current consumed by the connected units, whether active or inactive. Flat rates: residences, 30 cts. per lamp equivalent of 50 watts capacity; business, 50 cts., minimum charge, \$1 per month. Lamp renewals are free.—Power service. Meter rates: fixed charge of 75 cts. per month per h. p. rated capacity where motor is more than 5 h. p. rated capacity, plus 2 cts. per kw. hr. for all current consumed.

EDGERTON.

(Population 2,416)

EDGERTON ELECTRIC LIGHT CO.

Public service. 4 arc lamps, 1,200 c. p., dusk to 1 o'clock, moonlight schedule, \$84 per lamp per annum. 159 incandescents, 32 c. p., all night, \$2 per month. Lighting of pumping station and engine house free.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., with discounts for quantity 10 per cent to 25 per cent; minimum charge per month \$1; meter rent 25 cts. per quarter. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps: 10 cts. per kw. hr.—Power rates: 5 cts. per kw. hr., with discounts for quantity, 10-25 per cent; minimum charge \$2 to \$3 per month.

ELKHART LAKE.

(Population 462)

MILWAUKEE & FOX RIVER VALLEY RY. CO.

Public service. 6 Nernst lamps, 3 glower, \$5.30 per month; 2 one glower, \$2.62½ per lamp per month; extra three glower lamps, \$7.50 per lamp per month; current for pumping station \$400 per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr., subject to discount according to quantity, 10 per cent to 33 per cent, additional discount of 5 per cent if paid within 10 days; minimum charge \$1 per month. Flat rate: summer lighting \$2.50 to \$3.00 per month. Lamp renewals are not free.—Nernst lamps. Meter rates same as above. Flat rates, \$7.50 per lamp per month.—No power service.

ELKHORN.

(Population 1,818)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 36 arc lamps, 2,000 c. p., dusk to midnight, moonlight schedule, \$60 per lamp per annum; incandescents, 32 c. p., \$36 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rental, 25 cts. per month.—No commercial arc or power service.

ELLSWORTH.

(Population 1,060)

ELLSWORTH HEAT, LIGHT & POWER Co.

Public service. 16 arc lamps, 2,000 c. p., \$60 per lamp per annum.

Commercial service. Incandescent. Meter rates: 10 cts. per kw. hr. for businesses and 15 cts. per kw. hr. for residences; no discounts; meter rent 25 cents. per month. Flat rates: 60 cts. per 16 c. p. l. equivalent for 9 o'clock service; 65 cts. for 11 o'clock service; \$1 per 16 c. p. l. equivalent all night. Lamp renewals are not free.—No commercial arc or power rates.

ELROY.

(Population 2,011)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 26 arc lamps, and 150 incandescents, for which no charge is made.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 50 cts. per month; meter rent 50 cts.

per month. Lamps renewed free to patrons paying \$5 or more per month.

EVANSVILLE.

(Population 1,963)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 25 arc lamps, dusk to midnight, moonlight schedule, \$60 per lamp per annum; 50 incandescents, same schedule, \$10 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, residences 15 cts. to 10 cts. per kw. hr.; stores, 10 cts. to 8 cts. per kw. hr.; minimum charge per month, 75 cts.; meter rent 25 cts. per month for four years. Flat rate: 75 cts. per month per 16 c. p. l. equivalent. Lamp renewals are free.—Nernst and arc lamps. Meter rates same as above.—No power service.

FENNIMORE.

(Population 1,053)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 22 arc lamps, 2,000 c. p. furnished by the village without charge.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. Incandescent lamp renewals are free.

FLORENCE.

(Population 1,053)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No record.

Commercial service. Incandescents. Flat rates: 33 cts. per month per 16 c. p. l. equivalent, midnight service; 50 cts. per c. p. lamp for all night service. Signs, outlines, windows, etc., 50 cts. per 16 c. p. per month.

FOND DU LAC.

(Population 17,284)

EASTERN WISCONSIN RAILWAY & LIGHT CO.

Public service. Are lamps, 2,000 c. p., moonlight schedule, \$74 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; discount according to quantity consumed from 10 plus 10 per cent. to 50 plus 10 per cent; minimum monthly charge \$1. Readiness to serve rates: demand charge \$1.50 per 16 c. p. l. equivalent per year; service charge \$12 per service per year; rate 6 cts. per kw. hr.; discount 10 per cent. Lamp renewals are free.—Nernst lamps. Meter rate same as incandescents; readiness to serve rate, demand charge \$2 per glower per year; service charge \$12 per meter per year; rate 6 cts. per kw. hr.; discount 10 per cent.—Arc lamps. Meter rates same as incandescents. Flat rates, dusk to midnight, \$6 per lamp per month, two or more lamps \$5.50 per lamp per month; dusk to 10 o'clock, \$5 per lamp per month, two or more lamps \$4.50 per lamp per month.—Power rates. Sliding scale, first 50 kw. hrs., 8 cts. per kw. hr., all over 250 kw. hrs., 3 cts. per kw. hr., discount 10 per cent if paid within 10 days.

WISCONSIN ELECTRIC SERVICE CO.

Public service. No public service.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; discounts according to amount from 5 to 35 per cent; minimum monthly bill \$1.00. Flat rate: 55 cts. per 16 c. p. l. equivalent. Lamp renewals are not furnished free.—Arc lamps. Dusk to midnight, 10 cts. per kw. hr.—Power service. 12 cts. per kw. hr., one customer.

FORT ATKINSON.

(Population 3,300)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 5 are lamps, 2,000 c. p., moonlight schedule, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rate: sliding scale, 12 cts. per kw. hr. for first 10 kw. hrs., 6 cts. per kw. hr.

for fourth 10 kw. hrs.; discount, 10 per cent for payment within ten days; meter rent, 25 cts. per month. Lamp renewals are free.—Power rates same as above.—No commercial arc service.

FOUNTAIN CITY.

(Population 1,008)

FOUNTAIN CITY LIGHT & POWER Co.

Public service. 4 arc lamps, 1,200 c. p., \$90 per lamp per annum; 26 incandescents, \$1.80 per lamp per month. Service all night, moonlight schedule.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. for less than 50 kw. hrs.; 8 cts. per kw. hr. for over 50 kw. hrs.; minimum charge \$1.—Power rates. Sliding scale, 8 cts per kw. hr. for less than 1 h. p., to 1¾ cts. per kw. hr. for 75 h. p.

FREDERICK.

(Population 683)

DAHLBERG BROTHERS.

Public service. 3 arc lamps, 2,000 c. p., dusk till midnight, \$1.00 per lamp per annum; 22 incandescents, 32 c. p., same schedule, \$12.50 per lamp per annum.

Commercial service. Incandescents. Flat rates: business houses, 60 cts. per 16 c. p. l. equivalent; residences 25 cts. to 35 cts. per 16 c. p. l. equivalent per month.

GALESVILLE.

(Population 876)

DAVIS MILL Co.

Public service. 51 incandescent lamps, 16 c. p., dusk to midnight, 60 cts. per lamp per month. Lamp renewals are free.

Commercial service. Incandescents. Flat rates: 50 cts. for first 16 c. p. lamp per month; each additional at reduced rates; average rate reported about 27 cts. per 16 c. p. lamp per month. Lamp renewals are free.—No commercial arc or power service.

GAYS MILLS.

(Population 427)

ATWOOD & HAGERTY.

Public service. 6 arc lamps, dusk to 11 p. m., moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Flat rates: first 16 c. p., lamp 50 cts. per month; each additional at reduced rates; over 10, 30 cts. per 16 c. p. lamp per month. Lamp renewals are not free.—No commercial arc or power service.

GENOA JUNCTION.

(Population 710)

GENOA JUNCTION ELECTRIC LIGHT CO.

Public service. 24 incandescents, 32 c. p., dusk to 11 p. m., \$10 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 50 cts. per month; meter rent, 25 cts. per month. Lamp renewals are not free.—No commercial arc or power service.

GLENWOOD

(Population 905)

GLENWOOD & DOWNING LIGHT & POWER CO.

Public service. 8 arc lamps, 2,000 c. p., dusk to midnight, \$60 per lamp per annum; 12 incandescents, 32 c. p., same schedule, \$12 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: residences, 40 cts. per 16 c. p. lamp per month; stores, 50 cts. per 16 c. p. lamp per month. Lamp renewals are not free.—No commercial arc or power service.

GRAND RAPIDS.

(Population 6,157)

GRAND RAPIDS ELECTRIC AND WATER CO.

Public service. 55 arc lamps, 2,000 c. p., moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. for first 20 kw hrs., all over 8 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: residence, 40 cts. to 20 cts. per 16 c. p. l. equivalent per month; stores, 70 cts. to 50 cts. per 16 c. p. l. equivalent per month. Readiness to serve rate: demand charge, 15 cts. per 16 c. p. lamp per month; service charge 20 cts. per customer and 25 cts. meter rent; rate 3 cts. per kw. hr. Lamp renewals are not free.—Nernst and tantalum lamps on meter rates as above.—Arc lamps. Meter rates: 8 cts. and 10 cts. per kw. hr.; minimum charge \$1 per month.—Power service. Meter rates: 5 cts. per kw. hr.; minimum charge \$1 per h. p.—Contract rates: printing offices and meat markets \$1 per h. p.; laundries \$2 per h. p. per month.

GRANTSBURG.

(Population 705)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 4 arc lamps and 44 incandescents, 32 c. p., for which \$65 per month is credited to the electric fund.

Commercial service. Incandescents. Meter rates: 10 cts per kw. hr., minimum charge, 75 cts. per month. Flat rates: residences, 35 cts. per 16 c. p. l. equivalent; stores and offices, 50 cts., churches, 15 cts.; lodges and theatres, 25 cts.—Lamp renewals are not free.—Power service: meter rates same as above.

GREEN BAY.

(Population 22,854)

GREEN BAY GAS & ELECTRIC CO.

Public service. 160 arc lamps, 2,000 c. p., all night, every night, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; discounts according to amount 5 to 65 per cent; minimum charge \$1 per month. Incandescent lamp renewals are free. Signs, outlines and windows, 6 cts. per kw. hr. net; schedule, dusk to 11 p. m.—Nernst and commercial arcs. Same meter rates as above, with additional minimum rate of 10 cts. per glower per month for Nernst lamps, and \$1.50 for arc lamps. Flat rates: arc lamps, dusk to 10 p. m., \$5 to \$3 per lamp per

month; all night, \$8 to \$7 per lamp per month.—Power service. Meter rate: 10 cts. per kw. hr. with above discounts; minimum charge per month, \$2 for motors under 2 h. p., \$1 for each additional h. p.

THE MINAHAN BUILDING Co.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 8 cts for first 100 kw. hrs. per month, 1 ct. reduction for each additional next two 100 kw. hrs. and for the next 300 kw. hrs., 4 cts. for all consumption over 600 kw. hrs.; discount 5 per cent for payment before the 10th; no minimum charge.—Arc lamps. Meter rate same as above. Lamp renewals are free.—Power service. Meter rate: 7 cts. for first 100 kw. per month. 1 ct. reduction for each additional next two 100 kw. and for the next 300 kw., 3½ cts. for all consumption over 600 kw.; same discount as above.

GREENWOOD

(Population 687)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 7 arc lamps, \$60 per lamp per annum; incandescents, 32 c. p., 75 cts. per lamp per month.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Flat rate: 40 cts. per month for 16 c. p. l. equivalent. Minimum charge 60 cts. per month.

HARTFORD.

(Population 2,052)

HARTFORD ELECTRIC Co.

Public service. No special rate to municipalities reported.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr., discount according to quantity from 10 to 33 1-3 per cent; minimum charge 60 cts. per month.

HAYWARD.

(Population 2,000)

HAYWARD ELECTRIC LIGHT & POWER Co.

Public service. 16 arc lamps, 1,200 c. p., dusk to dawn, \$90 per annum; discount 10 per cent.

Commercial service. Incandescents. Flat rate: 50 cts. per 16 c. p. l. equivalent; discounts according to amount 10 to 25 per cent; minimum charge \$1 per month. Lamp renewals are not free.—Commercial arc lamps. Flat rates: \$4 to \$7 per month.—No power service reported.

HAZEL GREEN.

(Population 529)

MUNICIPAL LIGHT PLANT.

Public service. 4 arc lamps; 30 incandescents, for which city pays nothing.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr. Flat rate: 50 cts. per 16 c. p. l. equivalent per month.—No power service.

HUDSON.

(Population 3,220)

BURKHARDT MILLING AND ELECTRIC CO.

Public service. 53 arc lamps, 1,200 c. p., moonlight schedule, all night, \$45 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts per kw. hr., discount according to quantity 10 to 20 per cent; meter rent \$2 per annum. Flat rates: 50 cts. per 16 c. p. per month; discounts same as above.—Nernst lamps. 75 cts. per 40 c. p. lamp per month.—Commercial arc lamps. 10 cts., 9 cts. and 8 cts. per kw. hr. Flat rates: \$4 per 1,200 c. p. lamp per month for midnight service; \$3 per lamp per month dusk to 9 o'clock.—Power service. Meter rates: 6 cts. to 4 cts. per kw. hr.; meter rent \$2 per annum. Flat rate \$36 per h. p. per annum.

HURLEY.

(Population 2,000)

TWIN CITY GENERAL ELECTRIC CO. (Ironwood, Mich.)

Public service. Arc lamps, dusk to midnight, \$120 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; discounts: residences, 16 2-3 to 40 per cent; businesses 10 to 33 1-3 per cent; minimum charge \$1 per month. Lamp renewals are not free.—Power service. Same rates as above.

INDEPENDENCE.

(Population 663)

MUNICIPAL LIGHT PLANT.

Public service. 4 arc lamps, \$35 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; meter rent, 25 cts. per month. Flat rates: 50 cts. per month for each 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

IOLA

(Population 801)

FROGNER BROS. & SONS.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge, \$1 per month; meter rent, 25 cts. per month. Flat rates: \$1.25 to \$1.50 per month. Lamp renewals are not free.—Power rate: $\frac{1}{2}$ h. p. motor, \$2.50 per month.

IRON RIVER.

(Population 1,248)

IRON RIVER WATER, LIGHT & POWER CO.

Public service. 20 arc lamps, 1,200 c. p., dusk to dawn, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; no discount; minimum charge 30 cts. per month; meter rent 25 cts. per month. Flat rate: businesses 50 cts. per 16 c. p. l. equivalent for all night service; 40 cts. per 16 c. p., dusk till 10 o'clock. Lamp renewals are not free.—Arc lamps. Meter rates same as above.—Power service. Rates: $2\frac{1}{2}$ cts. per kw. hr.

JANESVILLE.

(Population 13,770)

JANESVILLE ELECTRIC CO.

Public service. 209 arc lamps, 1,200 c. p., dusk to dawn, \$62 per lamp per annum; 30 incandescents, 50 c. p., \$24 per annum, same schedule; 16 c. p. lamps, 50 cts. per month.

Commercial service. Incandescents. Meter rates: 10 cts. per

kw. hr.; discounts according to quantity, 5 to 50 per cent; additional discount of 5 per cent for prompt payment; minimum charge \$1 per month. Signs, outlines and windows, dusk to 11 p. m., \$8.47 per annum; dusk to dawn, \$14.73 per annum; 5 per cent discount for prompt payment. Lamp renewals are free.—Arc and tantalum lamps. Meter rates same as above.—Power service. Meter rates: 5 cts. per kw. hr.; minimum charge \$1 per h. p. per month.

JEFFERSON.

(Population 2,572)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. Nernst lamps, 32 c. p., \$1.25 per lamp per month.

Commercial service. Incandescents. Meter rates: 18 cts. per kw. hr. for first 10 kw. hrs., 10 cts. per kw. hr. for all additional; minimum rate 25 cts. per month. Lamp renewals are free.—Nernst lamp meter rate same as above.—No commercial arc or power service.

KAUKAUNA.

(Population 4,991)

KAUKAUNA GAS AND ELECTRIC POWER CO.

Public service. 53 arc lamps, 1,200 c. p., dusk to one o'clock, moonlight schedule, \$65 per lamp per annum; 34 incandescents, 24 c. p., \$1 per lamp per month.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr., with discount according to quantity from 5 to 50 per cent; additional discount of 5 per cent for payment before the 10th; minimum charge \$1 per month. Incandescent lamps are renewed free.—Nernst and arc lamps. Flat rates: dusk to midnight, \$5 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; discounts according to quantity, 5 to 50 per cent; additional discount for prompt payment as above; minimum charge \$2 per month for motors of 2 h. p. and less; \$1 for each additional h. p.

KENOSHA.

(Population 16,235)

KENOSHA GAS & ELECTRIC Co.

Public service. 148 arc lamps, 2,000 c. p., moonlight schedule, \$78 per lamp per annum. Lighting of public buildings is free, making net rate about \$62 per lamp per annum.

Commercial service. Incandescents. Meter rates: 16 cts. per kw. hr. for first 25 kw. hrs.; 14 cts. for next 25 kw.; 10 cts. for all over 50 kw.; discounts 2 cts. per kw. hr. if paid before the 10th; minimum charge \$1 per month. Lamp renewals are free.—Arc lamps. Meter rate same as above.—Power service. Meter rates: 16 cts. for first 25 kw. hrs., to 5 cts. per kw. hr. for all consumption over 2,000 kws.; discount and minimum service charge as above.

KEWASKUM.

(Population 693)

KEWASKUM ELECTRIC LIGHT Co.

Public service. 9 arc lamps, 1,200 c. p., \$72 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; 10 cts. per kw. hr. for business places; discount according to quantity from 10 to 25 per cent; minimum charge \$1 per month; meter rent 15 cts. per month. Flat rates: 60 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free.

KILBOURN.

(Population 1,091)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No revenue from public service.

Commercial service. Incandescents. Meter rates: 10 cts per kw. hr.; minimum charge, 60 cts. per month; discount 10 per cent where bill is over \$5. Flat rates: one 16 c. p. lamp, 75 cts.; over three lamps, 50 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

LA CROSSE.

(Population 29,078)

LA CROSSE GAS AND ELECTRIC Co.

Public service. 250 arc lamps, 2,000 c. p., dusk to dawn, moonlight schedule, \$70 to \$100 per lamp per annum.

Commercial service. Lighting. Meter rates: "ready to serve" basis: service charge, \$1.80 per annum per 16 c. p. l. equivalent on one-third of connected installation plus meter rate, 7½ cts. per kw. hr. where consumption is less than 60 hrs. per month; 6 cts. per kw. hr. where consumption is over 60 hrs. per month; 10 per cent is added to face amount of bill as rendered if not paid within ten days; minimum bill, 75 cts. per month on all electric installations. Lamp renewals are free.—Power rates: service charge, \$27 per year per h. p. of demand, plus meter rate of 5 cts. per kw. hr. where daily consumption is less than 5 hrs.; 3 cts. for 10 hrs. daily consumption or less; 2 cts. for all over 10 hrs.

LADYSMITH.

(Population 1,720.)

LADYSMITH LIGHTING Co.

Public service. 34 arc lamps, 1,200 c. p., Philadelphia schedule, viz., dusk to dawn, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; no discount; minimum charge \$1 per month; meter rent, 25 cts. per month. Flat rates: dwellings, \$1 to \$2, based on number of lamps; saloons, 75 cts. per month, all night service. Lamp renewals are not free.—No commercial arc or power service.

LA FARGE.

(Population 827)

LA FARGE ELECTRIC Co.

Public service. 6 arc lamps, 2,000 c. p., moonlight schedule, \$60 per lamp per annum; 20 incandescents, 32 c. p., \$12 per lamp per annum; 3, 16 c. p. incandescents free.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; no discounts; minimum charge \$1.25 per month. Flat rates: residences 50 cts. to 35 cts. per 16 c. p. l. equivalent per

month; business, 40 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free.—Arc lamps: 1,200 c. p., \$2.50 per month.—No power service.

LAKE GENEVA.

(Population 3,449)

EQUITABLE ELECTRIC LIGHT Co.

Public service. 6 arc lamps, 9 cts. per kw. hr.; total revenue \$2,284.80 per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr., minimum charge 75 cts. per month; meter rent 25 cts. per month.—Power service: Meter rate: 7½ cts. per kw. hr.; minimum charge and meter rent same as above.

LAKE MILLS

(Population 1,602)

CREAMERY PACKAGE MFG. Co.

Public service. Incandescents, 32 c. p., dusk to midnight, \$15 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, under 20 kw. hr. 15 cts. per kw. hr.; over 100 kw. hrs., 8 cts. per kw. hr.; meter rent 25 cts. per month. Lamp renewals are not free.—Arc lamps and power service. Meter rate same as above.

LANCASTER.

(Population 2,555)

THE LANCASTER ELECTRIC LIGHT Co.

Public service. 45 arc lamps, dusk to midnight, 5 a. m. to daylight, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12½ cts. per kw. hr.; meter rent 25 cts. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps. Flat rates: dusk to midnight, \$3.50 per lamp per month.—No power service.

LITTLE CHUTE.

(Population 1,220)

KAUKAUNA GAS, ELECTRIC LIGHT & POWER Co.

Public service. None furnished.*Commercial service.* Same rates apply as reported for Kaukauna.

LODI.

(Population 1,096)

THOS. HACKL.

Public service. None reported.*Commercial service.* Incandescents. Meter rates: 15 cts. per kw. hr.; minimum charge, 50 cts. per month; meter rent, 25 cts. per month.—No commercial arc or power service.

LOYAL.

(Population 815)

LOYAL LIGHT PLANT.

Public service. 10 arc lamps, 2,000 c. p., moonlight schedule, \$65 per lamp per annum.*Commercial service.* Incandescents. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$5 per lamp per month.—No power service.

MADISON.

(Population 24,301)

MADISON GAS AND ELECTRIC Co.

Public service. 218 arc lamps, 1,200 c. p., dusk to midnight, every night, \$52 per lamp per annum; 55 arc lamps, 1,200 c. p., dusk to dawn, every night, \$72 per lamp per annum. Contract period 5 years, Oct. 1, 1903, to Oct. 1, 1908.*Commercial service.* Incandescents. Meter rates: 16 cts. per kw. hr. for first 26 kws., to 10 cts. per kw. hr. for over 78 kws.; minimum charge, \$1 per month. Doherty rate: demand charge, \$1.80 per 16 c. p. lamp demanded, plus service charge, \$12 per annum per customer, plus 6 cts. per kw. hr.; discount 10 per

cent if paid before the 10th. Lamp renewals are furnished free.—Power rates: 8 cts. per kw. hr. for first 12½ kws., to 5 cts. for all over 1,250 kws.; minimum bill \$1 per month.

MANAWA.

(Population 881)

LITTLE WOLF RIVER LUMBER CO.

Public service. Incandescents. 16 c. p. 60 cts. per lamp per month; 32 c. p. \$1.10 per lamp per month. Renewals are free.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; meter rent, 25 cts. Flat rates: 50 cts. to 20 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Tantalum. Meter rates same as above. Flat rates: 65 cts. per 20 c. p. lamp.—Arc lamps \$4 and \$3.75 per lamp per month, dusk to midnight.—No power service.

MANITOWOC.

(Population 12,733)

ELECTRIC LIGHT CO.

Public service. 43 arc lamps, 2,000 c. p., dusk to dawn, \$80 per lamp per annum; 32 incandescents, 32 c. p., \$11.50 per lamp per annum, 320 16 c. p. lamps, \$7 per lamp per annum.

Commercial service. Incandescents. Two schedule of rates are in force. Schedule "A" is that embodied in a former contract with the city. Schedule "B" is that now in force. In case a bill is less by applying Schedule "A" than by applying Schedule "B," the smaller bill is collected—"A." Dwellings: 7 mills per lamp hr.; 6 mills where lamp is used at least 2 hours a day. Businesses: 5 mills per lamp hr. on 2 hour daily consumption; 4 mills on 4 hours use; 3 mills on 8 hours use. All lamp renewals are free.—"B." Dwellings: 12 cts. per kw. hr. where bill is less than \$50 per year, to 5 cts. where over \$150; businesses: 10 cts. per kw. hr. where bill is less than \$15, to 3 cts. per wk. hr. where bill is over \$30.—Power rates: 5 cts. per kw. hr. where motors run 10 hours per day; 6 cts. where bill is \$2 per month or more, 12 cts. where bill is less than \$1 per month,

MARINETTE.

(Population 15,354)

MENOMINEE AND MARINETTE LIGHT & TRACTION CO.

Public service. 92 arc lamps, dusk to dawn, moonlight schedule, \$65 per lamp per year.

Commercial service. Incandescents. Meter rates: 15 cts. to 10 cts. per kw. hr.; minimum charge \$1; discount 10 per cent for payment within 10 days. Maximum demand rate: 15 cts. to 6 cts. per kw. hr., depending on per cent of full load per month and quantity consumed. Special rate 4 cts. per kw. hr. for all customers paying a minimum bill of \$150 per month. Lamp renewals are free.—Other lamp service. Meter rates, same as above.—Power rates: 8 cts. to $3\frac{1}{4}$ cts. per kw. hr.; minimum charge \$2 per month for less than 2 h. p.; 50 cts. added for each additional h. p.

MARSHFIELD.

(Population 6,035)

MARSHFIELD WATER, ELECTRIC LIGHT & POWER CO.

Public service. 41 arc lamps, 2,000 c. p., all night, moonlight schedule, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; discounts 10 to 50 per cent for prompt payment; minimum charge \$1 per month. Lamp renewals are free.—Arc lamps. Meter rate same as above. Flat rates: dusk to midnight, \$5 per lamp per month.

MAUSTON.

(Population 1,857)

MAUSTON ELECTRIC SERVICE CO.

Public service. 27 arc lamps, 1,200 c. p., dusk to 1:30 a. m., moonlight schedule, \$60 per lamp per annum; 49 32 c. p. incandescents, \$2 per lamp per month.

Commercial service. Incandescents. Meter rates: $16\frac{1}{2}$ cts. per kw. hr.; discount 25 per cent if paid before the 5th; minimum charge 75 cts. per month. Lamp renewals free to meter customers only.—Nernst and arc lamps. Meter rate same as above.—No power service.

MAYVILLE.

(Population 1,793)

THE NORTHWESTERN IRON CO.

Public service. 27 arc lamps, 1,200 c. p., \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 75 cts. per month. Flat rates: 65 cts. to 25 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

F. PAUSTIAN MILLING CO.

Public service. 27 arc lamps, 1,200 c. p., dusk to midnight, \$60 per lamp per annum. Incandescents, \$1.25 per month per 16 c. p. lamp.

Commercial service. Incandescents. Meter rates: residences, 15 cts. to 10 cts. per kw. hr.; saloons and drug stores, 8 cts. per kw. hr.; stores, 10 cts. to 8 cts. per kw. hr.—No commercial arc or power rates reported.

MAZOMANIE.

(Population 863)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 125 30 c. p. incandescent lamps, dusk till 12 o'clock, \$12 per lamp per annum.

Commercial service. Incandescents. Meter rates: 11 cts. per kw. hr. Flat rates: \$7 per 16 c. p. l. equivalent per annum. Lamp renewals are free.—Nernst lamps. Meter rate same as above.—No commercial arc or power service.

MEDFORD.

(Population 1,923)

MEDFORD LIGHT & HEATING CO.

Public service. 30 arc lamps, 2,000 c. p., dusk to dawn, \$78 a year; 10 incandescent lamps, 50 cts. per 16 c. p. l. equivalent per month.

Commercial service. Incandescents. Meter rates 10 cts. to 6 cts. per kw. hr.; minimum charge \$1. Flat rates: midnight serv-

ice, 50 cts. per 16 c. p. l. equivalent; all night, 75 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps: dusk to midnight, \$5 per lamp per month.—No power rates reported.

MELLEN.

(Population 1,700)

(Pop. of Morse Township given)

MELLEN WATER AND LIGHT CO.

Public service. 5 arc lamps, 1,200 c. p., dusk to dawn, every night, \$84 per lamp per annum; 35 incandescents, 24 c. p., same schedule, \$1.60 per lamp per month.

Commercial service. Incandescents. Meter rates: 10 cts. to 8 cts. per kw. hr.; minimum charge \$1.25 per month. Flat rates: all night service, \$1 per 16 c. p. per month; residences 50 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Same meter rates for tantalum and arc lamps.—No power service.

MENASHA.

(Population 5,960)

MUNICIPAL ELECTRIC LIGHT CO.

Public service. 80 arc lamps, 2,000 c. p., dusk to dawn, \$23 per lamp per annum.

Commercial service. Incandescents. Meter rates: 6 cts. per kw. hr.

MENOMONIE.

(Population 5,473)

MENOMONIE ELECTRIC LIGHT AND POWER CO.

Public service. 53 arc lamps, 2,000 c. p., all night, every night, \$75 per lamp per annum; lighting city hall, fire station, etc., free of charge.

Commercial service. Incandescents. Meter rates: business, 12½ cts. per kw. hr. for first 30 hours demand, 7 cts. per kw. hr. for balance; minimum charge 50 cts. per month; meter rent 25 cts. per month; demand of any one customer to be not less than the equivalent of 50 watt lamps; residences, 15 cts. per kw. hr. for

first 30 hours demand, 8 cts. per kw. hr. for balance; same minimum and meter charge as above. Lamp renewals furnished at cost.—Power service. Increment rate: 8 cts. to 4 cts. per kw. hr.; minimum charge \$2 per month for less than 2 h. p., \$1 per month for each additional h. p.; meter rent same as above.

MENOMONEE FALLS.

(Population 936)

MENOMONEE FALLS ELECTRIC LIGHT CO.

Public service. Arc lamps, dusk to midnight, \$72 per lamp per year.

Commercial service. Incandescents. Meter rates: 16 cts. per kw. hr.; discount according to amount, 25 to 45 per cent off; meter rent 25 cts. per month.—No power service.

MERRILL.

(Population 9,197)

H. W. WRIGHT LUMBER CO.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; minimum charge 40 cts. per lamp per month. Flat rate: \$2 per lamp per month.—Arc lamps. Meter rate same as above.—No power service.

MERRILL RAILWAY & LIGHT CO.

Public service. 84 arc lamps, 1,200 c. p., dusk to dawn, \$60 per lamp per annum. 100 incandescent lamps free.

Commercial service. 10 cts. per kw. hr.; minimum charge \$1; discounts, 10 to 50 per cent.—Power rates: \$1 per h. p. plus 1 ct. per kw. for current; minimum charge \$1 per month.

MERRILLAN.

(Population 648)

MUNICIPAL ELECTRIC PLANT.

Public service. No charge made.

Commercial service. Incandescents. Meter rate: 6 cts. per kw. hr. Flat rate: 30 cts. per 16 c. p. l. equivalent per month.—No commercial arc or power service.

MILWAUKEE.

(Population 312,948)

EDWIN H. ABBOT, (COLBY-ABBOT BUILDING)

Public service. None furnished.

Commercial service. Incandescents. Meter rates: sliding scale, first 100 kw. hrs. 12 cts. per kw. hr.; all over 600 kw. hrs. 4 cts. per kw. hr.; minimum charge \$1 per month; discount 5 per cent if paid before the 10th.—Power service. Meter rate: sliding scale, first 100 kw. hrs. 8 cts. per kw. hr.; all over 600 kw. hrs. 3 cts. per kw. hr.; minimum charge \$2 for each motor of 2 h. p. and less, and \$1 for each additional h. p. Same discount for prompt payment as above.

PLANKINTON ELECTRIC LIGHT AND POWER COMPANY.

Public service. None furnished.

Commercial service. Incandescents. Meter rate: increment rate, first 50 kw. hrs. 12 cts., all in excess of 1,000 kw. hrs. 4 cts., minimum charge \$1. Lamp renewals are free.—Electric appliances and commercial arcs are furnished under these rates.—Power service. Meter rates: first 300 kw. hrs. 6 cts. per kw. hr.; all in excess 4 cts. per kw. hr.

RAILWAY EXCHANGE CO.

Public service. None furnished.

Commercial service. Incandescents. Meter rate: 10 cts. to 5 cts. per kw. hr.; minimum charge 25 cts. per month; discount 50 per cent if paid within 10 days. Lamp renewals are free.—The same rate applies to arc lamps.—No power service.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 2,066 arc lamps, 2,000 c. p., dusk to dawn, \$65 per lamp per annum. Contract period: 5 years, Dec. 15, 1905, to Dec. 15, 1910.

Commercial service. Lighting. Meter rate: first three 100 kw. hrs. 12 cts., 10 cts. and 8 cts., respectively, per kw. hr., next 300 kw. hrs. 6 cts., all over, 4 cts. per kw. hr.; minimum charge, when current is less than 9 kw. hrs., \$1 per month.—Additional minimum rates 25 cts. per glower per month on Nernst lamps, \$1.50 per month for enclosed arc lamps; discount 5 per cent

if paid before the 10th.—Power. Meter rates: first three 100 kw. hrs., 8 cts., 6 cts. and 5 cts., respectively, next 300 kw. hrs. 4 cts. per kw. hr., all over, 3 cts. per kw. hr.; minimum charge for motors of two h. p. or less, \$2 per month; each additional h. p. or fraction thereof, \$1 per month; same cash discount as above.

WELLS POWER Co.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: offices above first floor, 10 cts. per kw. hr.; other service, increment rate, first 100 kw. hrs., 8 cts. per kw. hr.; all over 800 kw. hrs., 4 cts. per kw. hr.; minimum charge 50 cts. and 25 cts. per month. Lamp renewals are free. Electrical appliances and all other lamp rates same as above.—Power service. Meter, increment rate: first 200 kw. hrs., 6 cts. per kw. hr., all over 600 kw. hrs., 3 cts. per kw. hr.; minimum charge 50 cts. per month.

MINERAL POINT.

(Population 3,252)

MINERAL POINT ELECTRIC LIGHT Co.

Public service. 8 arc lamps, 1,200 c. p., and 100, 30 c. p. incandescents, midnight service, moonlight schedule, contract \$1,500 per annum.

Commercial service. Lighting. Meter rates: 16 cts. per kw. hr.; discounts according to amount, 10 to 50 per cent; additional discount of 5 per cent if paid before the 10th; minimum charge \$1 per month. Lamp renewals are not free.—Power service. Meter rate: 10 cts. per kw. hr.; discounts according to amount, 5 to 50 cent; same additional discount as above for prompt payment.

MONDOVI.

(Population 1,450)

MONDOVI ELECTRIC LIGHT PLANT.

Public service. 12 arc lamps, 1,600 c. p., dusk to midnight, moonlight schedule, \$60 per lamp per annum; incandescents, 16 c. p., same schedule, 70 cts. per lamp per month.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. Flat rates: businesses, 50 cts. per 16 c. p. l. equivalent for 8 o'clock service; 70 cts. per 16 c. p. for 10 o'clock service; residences, 50 cts. per 16 c. p. in living rooms, 35 cts. per 16 c. p. in bed rooms. Lamp renewals are not free.—Arc lamps. Flat rates: dusk to midnight, \$7 per lamp per month.—No power service.

MONROE.

(Population 4,269)

MONROE ELECTRIC LIGHT & POWER CO.

Public service. 68 arc lamps, 1,200 c. p., dusk to midnight, moonlight schedule, \$65 per lamp per annum; incandescents, 32 c. p., all night, every night; \$2 per month.

Commercial service. Incandescents. Meter rates: residences, first 24 kw. hrs., 15 cts. per kw. hr., all over 48 kw. hrs., 10 cts. per kw. hr.; businesses, first 50 kw. hrs., 10 cts. per kw. hr., all over 100 kw. hrs., 6 cts. per kw. hr.; minimum charge \$1 per month; meter rent \$1 per year. Lamp renewals are not free.—Flat rate: 50 cts. per 16 c. p. lamp per month.—Arc and Nernst lamp service. Meter rate same as above.—No power service.

MONTELLO.

(Population 1,090)

MONTELLO GRANITE CO.

Public service. 18 arc lamps, dusk to midnight, every night, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr. Flat rates: businesses, 40 cts. per 16 c. p. l. equivalent per month; residences, 40 cts. for first 16 c. p. lamp; all over, 20 cts. per 16 c. p. lamp. Lamp renewals are not free.—No power service.

MONTICELLO.

(Population 609)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 20 arc lamps, 2,000 c. p., \$100 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; meter rent, 10 cts. per month. Lamp renewals are not free.—No arc or power service.

MT. HOREB.

(Population 1,003)

MT. HOREB ELECTRIC LIGHT Co.

Public service. Incandescents, 32 c. p., \$1 per lamp per month.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; minimum charge, 50 cts. per month; meter rent, 20 cts. per month. Lamp renewals are free.—No commercial arc or power service.

MUSCODA.

(Population 735)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 12 arc lamps, 2,000 c. p., \$51.50 per lamp per annum.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; meter rent, 25 cts. per month; minimum charge, 75 cts. per month. Flat rates: residences, 30 cts. to 12 cts. per 16 c. p. l. equivalent; business rates, 30 cts. to 40 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

NECEDAH.

(Population 1,116)

NECEDAH MILLING Co. (F. W. REED, OWNER)

Public service. 4 arc lamps, 1,200 c. p., dusk to midnight, moonlight schedule, \$55 per lamp per annum; 25 incandescents, 32 c. p., same schedule, \$1 per lamp per month.

Commercial service. Incandescents. Meter rate; 15 cts. per kw. hr.; minimum charge \$1 per month; meter rent, 25 cts. per month. Flat rates: businesses, 50 cts. per 16 c. p. l. equivalent; residences, 50 cts. to 20 cts., according to number used, per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Meter rate, same as above.—No power service.

NEENAH.

(Population 6,047)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. 76 arc lamps, dusk to dawn, every night, \$65 per lamp per annum.

Commercial service. Rates reported for Appleton apply.

NEILLSVILLE.

(Population 2,117)

ELECTRIC AND WATER SUPPLY CO.

Public service. 23 arc lamps, 2,000 c. p., dusk to midnight, moonlight schedule, \$75 per lamp per annum; 4 incandescents, same schedule, \$8.40 per 16 c. p. l. equivalent per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; meter rent, 25 cts. per month. Flat rates: residence, first lamp, 70 cts.; over 20, 35 cts. per 16 c. p. l. equivalent per month; offices, first lamp, 50 cts., all over three, 25 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free.—Arc lamps. Meter rate same as above. Flat rates: first lamps \$5, all over four, \$3.50 per lamp per annum; for service till 9 p. m. \$6; for service till 11 o'clock, \$4.50.—Power service. Same rate as above.

NESHKORA.

(Population 500)

NESHKORA MILLING CO.

Public service. 4 arc lamps, \$42 per lamp per annum.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; minimum charge 50 cts. per month. Flat rate: 20 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps. Meter rate same as above.—Power service. 8 cts. per kw. hr.; minimum charge \$1 per month.

NEW GLARUS.

(Population 655)

MUNICIPAL ELECTRIC PLANT.

Public service. 16 arc lamps for which \$500 is paid.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; meter rent, 25 cts. per month; no discount. Lamp renewals are not free.—No commercial arc or power service.

NEW LONDON

(Population 3,002)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 50 arc lamps, 1,200 c. p., dusk to 1 o'clock, moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 75 cts. per month; penalty of 10 per cent for payment after the 15th. Flat rates: 60 cts. per 16 c. p. l. equivalent, dusk to 10 o'clock; \$1.25 per 16 c. p. for all night. Lamp renewals are free.—No commercial arc or power service.

NEW RICHMOND.

(Population 1,824)

NEW RICHMOND POWER CO.

Public service. None furnished.

Commercial service. Power rates: \$50 per annum to furnish 1 h. p.; in blocks of 25 h. p. \$36 per h. p. per annum. Special inducement rate to any customer desiring 5 h. p. or less, and erecting the transmission line; free service for two years.

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No rates reported.

Commercial service. Incandescents. Flat rates: 25 cts. per 16 c. p. per month; hotels, \$2.40 per lamp per annum; blacksmith shops, \$6 per lamp per year.—Arc lamps: \$4 per month.

NORTH FOND DU LAC.

(Population 1,944)

EASTERN WISCONSIN RAILWAY AND LIGHT CO.

For rates, see Fond du Lac.

NORTH FREEDOM.

(Population 578)

NORTH FREEDOM ELECTRIC LIGHT CO.

Public service. 22 incandescents, 32 c. p., \$1.33 per lamp per month.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum charge \$1 per month. Lamp renewals are not free.—No commercial, arc, or power service.

NORTH MILWAUKEE.

(Population 1,236)

NORTH MILWAUKEE LIGHT & POWER CO.

Public service. 29 arc lamps, dusk to dawn, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per lamp per month; discount 10 per cent if paid before the 10th. Flat rate: 50 cts. per 16 c. p. l. equivalent. Readiness to serve rate: demand charge, 25 cts. per 16 c. p. l. equivalent; rate 5 cts. per kw. hr. Lamp renewals are not free.—Arc lamps, \$1 per amp. per month.—Power service. Meter increment rate: first 100 kw. hrs. 7 cts. per kw. hr.; all over 400 kw. hrs. 3 cts. per kw. hr.; minimum charge 75 cts. per month per meter.

OCONOMOWOC.

(Population 3,013)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 49 arc lamps, 2,000 c. p.; dusk to dawn, moonlight schedule, \$96 per lamp per annum; incandescents, 50 c. p., \$24 per lamp per annum.

Commercial service. Incandescents. Meter rates: 20 cts. per kw. hr. for six months service, 10 cts. per kw. hr. for twelve months service; discount according to size of bill, from 10 to 20 per cent. Lamp renewals are not free.—No commercial arc or power service.

OCONTO.

(Population 5,722)

OCONTO ELECTRIC Co.

Public service. 63 arc lamps, 2,000 c. p., moonlight schedule, \$58.50 per lamp per annum.

Commercial service. Lighting. Meter rates: 5 cts. to 4 cts. per kw. hr. to businesses; 7 cts. to 6 cts. per kw. hr. to residences; minimum charge \$1. Renewals are free.—Power. Meter rates: 5 cts. to 3.5 cts. per kw. hr.; minimum charge \$2 to 75 cts. per h. p.

PEOPLES LAND AND MANUFACTURING Co.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 12.5 cts. per kw. hr. to residences; 10 cts. per kw. hr. to businesses; minimum rate \$1 per month. Flat rates, 50 cts. per 16 c. p. lamp per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$4 per month.—No power service.

OMRO.

(Population 1,300)

OMRO ELECTRIC LIGHT Co.

Public service. 1 arc lamp, 2,000 c. p., dusk to midnight, moonlight schedule, \$48 per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discounts according to amount 5 and 10 per cent; meter rent, 25 cts. per month. Flat rates: 50 cts. to 25 cts. per kw. hr. for residences; 75 to 45 cts. per kw. hr. for stores. Lamp renewals are not free.—No commercial arc or power service.

OSHKOSH.

(Population 30,575)

OSHKOSH GAS LIGHT Co.

Public service. 372 arc lamps, 2,000 c. p., dark to daylight, except clear moonlight, \$48.90 per lamp per annum.

Commercial service. Lighting. Meter rate: 12 cts. per kw. hr.; discounts according to amount from 10 to 45 and 20 per cent; additional discount of 5 per cent if paid before 10th;

minimum charge \$1 per month. Flat rates for signs: 7 cts. to 6 cts. per kw. hr.; penalty of 5 per cent added for payment after the 10th. Lamp renewals are free.—Power service. Meter rates: unlimited hours, 10 cts. per kw. hr.; discounts according to amount 10 per cent to 60 plus 20 per cent; limited hours 8 cts. per kw. hr.; discount same as above; cash discount for prompt payment as above; minimum charge 50 cts. per h. p. per month.

PARDEEVILLE.

(Population 866)

FOX RIVER MILLING AND POWER CO.

Public service. 36 incandescents, 32 c. p., \$15 per lamp per annum, discount 20 per cent.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. for first 100 hours per month, to 5 cts. for all over 200 hours; discount 20 per cent for all over 50 hours and 10 per cent for payment before 3rd of succeeding month; minimum charge \$1 per month. Lamp renewals are not free.—No commercial arc or power service.

DUCK CREEK LIGHT & POWER Co.

For rates see Wyocena.

PARK FALLS.

(Population 1,438)

PARK FALLS WATER, LIGHT & POWER Co.

Public service. 10 arc lamps, 1,200 c. p., dusk till 1 o'clock, every night, \$100 per lamp per annum; 8 arc lamps, \$90 per lamp per annum.

Commercial service. Lighting. Meter rates: 12 cts. per kw. hr. for business and residences; 15 cts per kw. hr. for churches, lodges, etc.; discounts according to amount, 5 to 30 per cent; additional discount, if paid within 10 days, of 5 per cent; minimum charge \$1.50 per month. Lamp renewals are free.

PESHTIGO.

(Population 2,539)

THE PESHTIGO LUMBER Co.

Public service. 10 arc lamps, moonlight schedule, \$50 per lamp per annum; 27 incandescents, 32 c. p., \$10 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per lamp per kw. hr.; minimum charge \$1 per month. Flat rates: residences, 20 cts. to 10 cts.; offices, 25 cts.; stores, 40 cts.; railway offices, 35 cts.; churches, 6 cts.; business places, 40 cts. per 16 c. p. l. equivalent per month.—Other lighting, meter rates same as above.—Power service. Meter rates: 10 cts. per kw. hr., minimum charge \$1 per month. Flat rates: 3 h. p. motor \$2.50 per month.—Current delivered at H. T. switchboard, $\frac{3}{4}$ cts. per kw. hr.

PEWAUKEE.

(Population 1,775)

PEWAUKEE ELECTRIC Co.

Public service. Arc lamp, dusk to midnight, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount 10 per cent for payment before the 10th. Lamp renewals are not free.—Nernst lamps: \$2.50 per lamp per month.—Tantalum lamps, 50 cts. per lamp per month.—Arc lamps, \$4 to \$5 per lamp per month; discounts same as above.—Power rates, 10 cts. per kw. hr.

PHILLIPS.

(Population 2,011)

PHILLIPS LIGHT, WATER, HEAT & POWER Co.

Public service. 22 arc lamps, \$84 per lamp per annum.

Commercial service. Lighting. Meter rates: business, residences, 12 cts. per kw. hr.; churches, halls, etc., 15 cts. per kw. hr.; minimum rate \$1 per month; meter rent, 25 cts. per month. Flat rates: business, 8 p. m. service, first two lights, 50 cts.,

all over, 25 cts. per 16 c. p. l. equivalent per month; all night, \$1 per 16 c. p. l. equivalent per month; residences, 15 cts. to 60 cts. per 16 c. p. l. equivalent.—No power rates reported.

PLAINFIELD.

(Population 829)

STARKS & SKEEL.

Public service. Arc lamps, 2,000 c. p., \$70 per lamp per annum.

Commercial service. Incandescents. Meter rate: 16 cts. per kw. hr.; minimum charge per month 35 cts. Flat rates: \$1 to \$4 per month. Lamp renewals are not free.—No commercial arc or power service.

PLATTEVILLE.

(Population 4,438)

PLATTEVILLE ELECTRIC LIGHT & POWER CO.

Public service. 10 arc lamps, 1,200 c. p., dusk to midnight, \$55 per lamp per annum; 167 incandescents, 32 c. p., \$16 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; meter rent 25 cts. per month. Flat rate: 60 cts. per 16 c. p. l. equivalent per month.—Arc lamps: \$72 per lamp per annum.—No power service.

PLYMOUTH.

(Population 2,764)

PLYMOUTH CITY WATER WORKS.

Public service. 51 arc lamps, 1,200 c. p., moonlight schedule, 52 hydrants for fire protection, \$7,000 per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1 per month. Lamp renewals are not free.—Arc lamps. Same rate.—Power service. Meter rate: 10 cts. per kw. hr.; discount, according to quantity, for payment within ten days 5 to 50 per cent, plus 5 per cent; minimum charge \$1 per month.

PORTAGE.

(Population 5,524)

PORTAGE ELECTRIC LIGHT CO.

Public service. 69 arc lamps, 66 amp., dusk to dawn, every night, \$70 per lamp per annum; incandescents, 32 c. p., \$30 per lamp per annum; 16 c. p., \$20.40 per annum.

Commercial service. Incandescents. Meter rate: businesses, 12 o'clock service, 10 cts. per kw. hr. for first 30 kws.; 2 cts. reduction for each two succeeding 30 kw. hrs.; 9 o'clock service, 10 cts. per kw. hr. for first 30 kws.; 1 ct. reduction for each two succeeding 30 kws.; residences, 12 cts. per kw. hr. for first 30 kw. hrs.; 1 ct. reduction for each two succeeding 30 kws., to 7 cts. for all consumption over 400 kw. hrs.—No commercial arc or power rates reported.

PORT WASHINGTON.

(Population 4,036)

THE WISCONSIN CHAIR CO. (LESSEE, MUNICIPAL LIGHT PLANT)

Public service. 33 arc lamps, 2,000 c. p., all night, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. for residences; 7 cts. per kw. hr. for businesses; minimum charge 75 cts. per month. Lamp renewals are free.—Arc lamps. Same rate as incandescents.—Power. For more than 12 kw. hrs. per month, 5 cts. per kw. hr.

PRAIRIE DU CHIEN

(Population 3,179)

PRAIRIE CITY ELECTRIC CO.

Public service. 30 arc lamps, 2,000 c. p., \$75 per lamp per annum.

Commercial service. Incandescents. Meter rates: residences, 10 cts. per kw. hr.; businesses where three or more lights are used all night, 8 cts. per kw. hr.; discounts 5 per cent where bill is \$5 or less, to 20 per cent where bill is \$20 or more; minimum charge \$1. Flat rate: 25 cts. to 50 cts. per 16 c. p. l. equivalent. Lamp renewals are free to business houses.—No commercial arc or power service.

PRAIRIE DU SAC.

(Population 671)

J. M. MEISSER.

Public service. 4 arc lamps, 500 c. p., dusk to midnight, moonlight schedule, \$48 per lamp per annum.

Commercial service. Incandescents. Flat rate: 54 cts. per 16 c. p. l. equivalent per month.—No commercial arc or power service.

PRINCETON.

(Population 1,425)

MUNICIPAL LIGHT PLANT.

Public service. 26 arc lamps, dusk to midnight, \$40 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount 4 cts. per kw. hr. if paid before the 15th; minimum charge 50 cts. per month; meter rent 25 cts. per month. Flat rates: 35 cts. to 40 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power rates reported.

RACINE.

(Population 32,290)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 105 arc lamps, 1,200 c. p., dusk to dawn, \$72 per lamp per annum; 197 arc lamps, 1,200 c. p., dusk to 1 a. m., \$54 per lamp per annum; 4 incandescents, 32 c. p., dusk to 1 a. m., \$18 per lamp per annum. Contract period: 5 years—July 1, 1905, to July 1, 1910.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount, according to amount, 20 to 30 per cent; minimum charge \$1. Incandescent lamp renewals are free.—Arc lamps. Same meter rate as above; minimum charge \$1.50 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; discounts, according to amount, 30 to 50 per cent; minimum charge \$2 per month for each motor under 2 h. p.; \$1 additional for each added h. p. A cash discount of 5 per cent allowed on all bills paid before the 10th.

RANDOLPH.

(Population 1,000)

MUNICIPAL ELECTRIC PLANT.

Public service. 6 arc lamps, 88 incandescents, 16 c. p., for which \$1,200 is transferred from the general fund.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Flat rate: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—No commercial arc or power rates reported.

REEDSBURG.

(Population 2,515)

MUNICIPAL ELECTRIC PLANT.

Public service. 25 arc lamps, 1,200 c. p.; 55 incandescents, 32 c. p., for which no charge is made.

Commercial service. Incandescents. Meter rate: 75 cts. per 100 amp. hrs.—No commercial arc or power rates reported.

RHINELANDER.

(Population 5,435)

RHINELANDER LIGHTING Co.

Public service. 56 arc lamps, 1,200 c. p., dusk to dawn, \$72 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1.50 per lamp per month; hotels, 8 cts. per kw. hr.; discounts according to amount from 10 to 40 per cent. Flat rates: 75 cts. to 25 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Dusk to 10 p. m., \$5 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; minimum charge \$3 per month; discount 10 to 30 per cent.

RICE LAKE.

(Population 3,410)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 22 arc lamps, 2,000 c. p., dusk to midnight,

\$45 per lamp per annum; dusk to dawn, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 5 cts. per socket per month; meter rent 15 cts. per month. Flat rates: 40 cts. per 16 c. p. l. equivalent for residences, 50 cts. for businesses.—Arc service same rate as above.

RICHLAND CENTER.

(Population 2,635)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 61 arc lamps, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Flat rate: 60 cts. per 16 c. p. l. equivalent for businesses, 30 cts. for residences. Lamp renewals are not free.—Arc lamps. Meter rate: 10 cts. per kw. hr.; minimum charge \$3 per month; meter rent 25 cts. per month. Flat rate: dusk to dawn, \$3 per month.—Power service: 8 cts. per kw. hr.; minimum charge 75 cts. per month.

RIO.

(Population 621)

RIO ELECTRIC LIGHT PLANT. (A. E. VAN AERNAM, Prop.)

Public service. 12 arc lamps, 1,200 c. p., dusk till 11 p. m., moonlight schedule, \$72 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 50 cts. to 7 cts. per 16 c. p. l. equivalent.—Other lighting and power rates same as above.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO.

Public service. 62 arc lamps, 2,000 c. p., dusk to midnight, every night, \$80 per lamp per annum; moonlight, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rate: 16 cts. per kw. hr.; discounts according to quantity 10 to 30 per cent; minimum charge 75 cts. per month; meter rent 25 cts. per month on all bills less than \$1.75. Flat rates for signs, window lighting, etc.; 35 cts. to \$1.25 per 16 c. p. l. equivalent per month, according to number and time used. Lamp renewals are not free.—Other lighting meter rates same as above.

RIVER FALLS.

(Population 2,300)

MUNICIPAL LIGHT PLANT.

Public service. 35 arc lamps. No charge made.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr. Flat rates: 50 cts. and 40 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Flat rate: dusk to midnight, \$4.50 per lamp per month.—Power. Meter rate: 4 cts. per kw. hr. or \$40 per kw. per annum.

SAUK CITY.

(Population 748)

MUNICIPAL ELECTRIC PLANT.

Public service. \$600 raised by taxation to cover this and deficit.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; meter rent 25 cts. per month. Flat rates: 50 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—No commercial arc or power service.

ST. CROIX FALLS.

(Population 612)

MINNESOTA IMPROVEMENT CO.

Public service. Arc lamps, 3,650 hours service, \$72 per lamp per year; incandescents, \$17.50 per lamp per year, same schedule.

Commercial service. Incandescents. Meter rate: 11.1 cts. per kw. hr.; discount 10 per cent if paid within 10 days; minimum charge \$1 per month. Lamp renewals are free.—Arc lamps. Same meter rate as above; minimum charge per month \$1.11.—

Power service. Meter rate: $7\frac{1}{2}$ cts. for first 52 hrs. per month of demand, all in excess of 104 hours 2 cts. per kw. hr.

SEYMOUR.

(Population 1,118)

SEYMOUR ELECTRIC Co.

Public service. 11 arc lamps, 1,500 c. p., moonlight schedule, \$50 per lamp per annum; 32 and 50 c. p. incandescents, \$14.50-\$22.50 per lamp per annum.

Commercial service. Incandescents. Meter rate: 16 cts. to 10 cts. per kw. hr. Flat rate: 50 cts. per 16 c. p. l. equivalent; meter rent 25 cts. per month. Lamp renewals are not free.—Nernst lamps. Flat rate: \$15 per two glower lamp per year.—Arc lamps. Flat rate: \$48 per lamp per annum.—No power service.

SHAWANO.

(Population 2,446)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 38 arc lamps; no revenue.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. for first 50 kws.; 8 cts. for all above; discount 5 per cent if paid before the 10th; minimum charge \$1 per month.—No commercial arc or power service.

SHEBOYGAN.

(Population 24,026)

SHEBOYGAN LIGHT, POWER & RAILWAY Co.

Public service. 185 arc lamps, 2,000 c. p., all night, \$74.50 per lamp per annum.

Commercial service. Incandescents. Meter rates: residences, 15 cts. per kw. hr.; discount 16 2-3 to 40 per cent, according to size of bills; business, 15 cts. per kw. hr.; discounts 10 to 33 1-3 per cent; minimum charges for both rates, \$1 per month. Readiness to serve rate: demand charge, 10 cts. per 16 c. p. l. equivalent per month, plus rate of 6 cts. per kw. hr.; discount 5 per cent if paid before the 15th of the month. Lamp renewals are

free except to factories.—Other lighting rates same as above.—Power rates: 10 cts. per h. p. of motor per 10 kw. hrs.; balance at 3 cts. per kw. hr.; minimum charge \$1 per h. p. per month; discount 5 per cent if paid before the 15th.

SHEBOYGAN FALLS.

(Population 1,411)

FALLS LIGHT AND POWER CO.

Public service. 24 arc lamps, 1,200 c. p., moonlight schedule, \$48 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discount 10 to 33 1-3 per cent; meter rent 20 cts per month. Flat rates: 87½ cts. per 16 c. p. lamp, 62½ cts. per 32 c. p. where few lamps are in service. Lamp renewals are free.—Arc lamps. Flat rate: dusk to 11 p. m., \$4 per lamp per month.—Power service. Meter rate same as above.

SHELL LAKE.

(Population 1,000)

MUNICIPAL ELECTRIC PLANT.

Public service. 10 arc lamps. **No charge is made.**

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Flat rates: 35 cts. per 16 c. p. lamp, 65 cts. per 32 c. p. lamp. Lamp renewals are not free.—Arc lamps: outside lighting, dusk to dawn, \$15.75 per lamp per annum; interior lighting, \$37.50 per lamp per annum.

SOLDIERS GROVE.

(Population 718)

SOLDIERS GROVE ELECTRIC LIGHT CO.

Public service. Incandescents, 32 c. p. and 50 c. p., \$1 per lamp per month.

Commercial service. Incandescents. Flat rates: 30 cts. per 16 c. p. per month for residences; 35 cts. per 16 c. p. per month for businesses. Lamp renewals are free.—No commercial arc or power service.

SOUTH MILWAUKEE.

(Population 5,284)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 44 arc lamps, 2,000 c. p., dusk until 1 a. m., \$84 per lamp per annum; all night lamps at option of city, \$96 per lamp per annum. Contract period, 10 years, Jan. 29, 1901 to Jan. 29, 1911.

Commercial service. Rates same as those filed for Milwaukee.

SPARTA.

(Population 3,807)

O. I. NEWTON SONS CO.

Public service. 56 arc lamps, 1,200 c. p., every night, dusk to 3:30 a. m., \$58 per lamp per annum; 39 incandescents, 25 c. p., dusk till 12 or 1, \$10.20 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12½ cts. per kw. hr. for residences; discounts according to amount, 10 to 20 per cent; minimum charge \$1 per month; meter rent 10 cts. to 45 cts. per month. Flat rates: 60 cts. to \$1 per 16 c. p. l. equivalent. Lamp renewals are free to businesses only.—Nernst lamps. Meter rate: 5 cts. to 8 cts. per kw. hr.—Arc lamps. Flat rate: \$5 per lamp per month.—Power service. Meter rates: 8 cts. to 2¾ cts. per kw. hr.

SPOONER.

(Population 1,170)

MUNICIPAL ELECTRIC PLANT.

Public service. 3 arc lamps and 140 incandescents, for which no charge is made.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr. for first 100 kws., to 6 cts. for 300 kws. and over; minimum rate \$1 per month. Flat rate: 50 cts. per 16 c. p. l. equivalent; 3 lamps for one dollar. Lamp renewals are not free.—Power rate to flour mill, \$10 per year.

SPRING GREEN.

(Population 770)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 3 arc lamps, 2,000 c. p., and 36 incandescents, 32 c. p., \$75 per month.

Commercial service. Incandescents. Meter rate: 13 cts. to 11 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Lamps are not renewed free of charge.

STANLEY.

(Population 2,722)

NORTHWESTERN LUMBER Co.

Public service. 26 arc lamps, 2,000 c. p., all night, \$80 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Flat rates: 50 cts. to 12 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

STEVENS POINT.

(Population 9,022)

STEVENS POINT LIGHTING Co.

Public service. 73 arc lamps, 1,200 c. p., moonlight schedule, \$78 per lamp per annum; 7 lamps furnished free.

Commercial service. Incandescents. Meter rate: 13½ cts. per kw. hr. where consumption is under 100 kws. per month, to 10 cts. per kw. hr. where over 300 kws.; minimum charge 50 cts. per month. Lamp renewals are not free.—Arc service: same meter rate as above.—Power service: 4 cts. per kw. hr.; minimum charge \$1 per h. p.; maximum charge \$3 per h. p.

STOUGHTON.

(Population 4,244)

MUNICIPAL ELECTRIC LIGHT SYSTEM.

Public service. 61 arc lamps, 1,200 c. p., dusk to midnight, moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. to 7 cts. per kw. hr.; minimum charge \$1 per month; meter rent 25 cts. per month. Flat rate: 50 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Same meter rate for tantalum and arc lamps. Flat rate for arc lamps: \$5 per lamp per month.—Power rates: 8 cts. per kw. hr.; meter rent same as above.

STURGEON BAY.

(Population 4,640)

MUNICIPAL LIGHT PLANT.

Public service. 41 arc lamps, 2,000 c. p., moonlight schedule, \$85 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum rate 75 cts. per month. Lamp renewals are not free.—Power service: 7 cts. per kw. hr.; minimum charge 75 cts. per month. Small appliances go on the incandescent rate.

SUN PRAIRIE.

(Population 1,086)

SUN PRAIRIE ELECTRIC LIGHT & LAUNDRY CO.

Public service. 5 arcs, 1,200 c. p., dusk to midnight, moonlight schedule, \$96 per lamp per annum.

Commercial service. Incandescents. Meter rate: sliding scale, under 5 kw., 18 cts. per kw. hr.; over 100 kws., 8 cts. per kw. hr. Flat rate: 75 cts. per 16 c. p. l. equivalent; over 10 lamps, 50 cts. per 16 c. p. l. equivalent. No commercial arc or power rates reported.

SUPERIOR.

(Population 36,551)

SUPERIOR WATER, LIGHT & POWER CO.

Public service. 203 arc lamps, 2,000 c. p., dusk to dawn, \$65 per lamp per annum. This includes lighting of city hall, library, etc.; all in excess of 40,400 kw. hrs. 4 cts. per kw. hr.

Commercial service. Incandescents. Meter rate: 12½ cts. per kw. hr. up to 4 hours per day connected load; additional consumption 6¼ cts. per kw. hr.; minimum charge 5 cts. per

16 c. p. lamp per month; discount 20 per cent for payment before the 15th. Flat rates: 70 cts. to \$1.60 per kw. hr.; same discounts as above. Lamp renewals are not free.—Arc lamps: same meter rate as above.—Power rates: \$2.50 per h. p. of maximum demand, plus 2 cts. per kw. hr. for current consumed; or, 25 cts. per month per h. p. of maximum demand, and 3.75 cts. per kw. hr. for current consumed.

THORP.

(Population 878)

MUNICIPAL ELECTRIC PLANT.

Public service. 14 arcs, 2,000 c. p., dusk to midnight, \$30 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Lamp renewals are not free.—Commercial arc rates: dusk to midnight, \$2.50 per lamp per month.—No power service.

TOMAH.

(Population 3,008)

THE C. A. GOODYEAR LUMBER CO.

Public service. 47 arc lamps, 2,000 c. p., dusk to 10 o'clock, \$54 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discounts 10 to 50 per cent according to amount; minimum charge \$1 per month. Lamp renewals are free.

TOMAHAWK.

(Population 2,626)

ELECTRIC, WATER & TELEPHONE CO.

Public service. 20 arc lamps, 1,200 c. p., moonlight schedule, \$55 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount according to amount, 10 to 70 per cent; additional discount of 10 per cent if paid within 10 days; minimum charge \$1.25 per month. Flat rate: incandescents, 50 cts. per 16 c. p. l. equivalent; same discount as above. Lamp re-

newals are not free.—Arc lamps. Meter rate same as above. Flat rate: \$5 per lamp per month.—Power service. Meter rate same as above; minimum rate 75 cts. per h. p.

TWO RIVERS.

(Population 4,602)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 50 arc lamps, 2,000 c. p., dusk to midnight, moonlight schedule, \$45 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 75 cts. per month. Lamp renewals are free.—Arc lamps. Meter rate same as above.—No power rate reported.

VIROQUA.

(Population 2,032)

VIROQUA ELECTRIC LIGHT Co.

Public service. 4 arc lamps, 2,000 c. p., dusk to midnight, \$84 per lamp per annum; 112 incandescents, 50 c. p., \$1.60 per lamp per month.

Commercial service. Incandescents. Meter rate: 20 cts. per kw. hr.; discount 10 to 25 per cent, according to amount; minimum charge 50 cts. per month. Flat rates: 50 cts. and 75 cts. per 16 c. p. l. equivalent. Lamp renewals are free to meter customers.—Arc lamps: 10 o'clock service, \$4.50 per lamp per month.—No power rates reported.

WALWORTH.

(Population 647)

H. T. WINDSOR.

Public service. 16 arc lamps, dusk to midnight, \$75 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr. to businesses; 14 cts. per kw. hr. to residences; minimum charge \$1 per month. Flat rate: 50 cts. per 16 c. p. per month. Lamp renewals are not free.—Arc lamps. Flat rate: dusk till

10 p. m., \$5 per lamp per month.—Power rates: 2.75 cts. per kw. hr., 1,000 kws. or over, 3 cts. for less than this amount; no discount.

WARRENS.

(Population 275)

GEORGE WARREN.

Public service. Incandescent service furnished free.

Commercial service. Incandescents. Flat rate: 20 cts. to 40 cts. per 16 c. p. lamp per month. Lamp renewals are not free.

WASHBURN.

(Population 4,924)

WASHBURN ELECTRIC LIGHT & POWER Co.

Public service. 26 arc lamps, 2,000 c. p., dusk to midnight, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 50 cts. to 15 cts. per 16 c. p. l. equivalent.—No commercial arc or power rates reported.

WATERFORD.

(Population 448)

WATERFORD MILLING AND LIGHT Co.

Public service. 40 incandescents, 32 c. p., dusk to dawn, \$18 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; meter rent \$2 per year. Lamp renewals are free.—No commercial arc or power rates reported.

WATERLOO.

(Population 1,106)

WATERLOO ELECTRIC PLANT.

Public service. No report.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; all over 50 kw. hrs. at 10 cts. per kw. hr.; meter rent 25 cts. per month. Lamp renewals are not free.—No commercial arc or power rates reported.

WATERTOWN.

(Population 8,622)

WATERTOWN GAS AND ELECTRIC Co.

Public service. 76 arc lamps, 2,000 c. p., all night, moon-light schedule, \$70 per lamp per annum for first 70; all over, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: increment rate first 100 kw. hrs., 12 cts. per kw. hr., all over 600 kw. hrs. 4 cts. per kw. hr.; discount 5 per cent if paid before the 15th; minimum charge \$1 per month. Flat rate: 40 cts. to 70 cts. per 16 c. p. lamp. Lamp renewals are free.—Arc lamps: meter rate same as above; minimum charge \$1.50 per annum.—Power rates: first 100 kw. hrs. 8 cts. per kw. hr.; all over 600 kw. hrs., 3 cts. per kw. hr.; same cash discount as above.

WAUKESHA.

(Population 6,949)

WAUKESHA GAS & ELECTRIC Co.

Public service. 99 arc lamps, 6.6 amp., dusk to dawn, \$78.50 per lamp per annum; 17 incandescents, 25 c. p., same schedule, \$16.50 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. to 9 cts. per kw. hr.; discount 10 per cent; minimum charge 50 cts. per lamp per month. Flat rates: \$1.50 per 16 c. p. l. equivalent. Lamp renewals are free.—Arc lamps: \$5 per lamp per month.—Power rates: 11 cts. to 4 cts. per kw. hr. Same discount and minimum bill as above.

WAUPACA.

(Population 2,873)

WAUPACA ELECTRIC LIGHT & RAILWAY Co.

Public service. 30 arc lamps, 2,000 c. p., dusk to dawn, \$76.32 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. to 8 cts. per kw. hr.; minimum charge \$1 per month; meter rent 25 cts. per month. Lamp renewals are free in certain cases.—Nernst lamp. Meter rate same as above.—Arc lamp: Minimum

charge \$2.50 per month, with above meter rate. Flat rate: \$76.32 per lamp per annum.—Power rates: 10 cts. to 6 cts. per kw. hr.

WAUPUN.

(Population 3,111)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No report.

Commercial service. Meter rate for all service: 15 cts. per kw. hr.; 5 cts. discount if paid by the 10th; additional discount of 10 per cent where bill is over \$5, 20 per cent where in excess of \$10; minimum charge 75 cts. per month. Lamp renewals are not free.

WAUSAU.

(Population 14,458)

WAUSAU ELECTRIC CO.

Public service. 146 arc lamps, A. C. 6.6 amp., dusk to dawn, moonlight schedule. Current furnished the municipal light plant at 2.3 cts. per kw. hr.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; discounts 10 to 50 per cent; meter rent 25 cts. per month. Flat rates: 80 cts. to 60 cts. per 16 c. p. l. equivalent.—Nerust, tantalum and arc lamps. Meter rate same as above.—Power service. Small consumers, meter rates 10 cts. per kw. hr., with 10 to 40 per cent discount, according to amounts consumed. To customers furnishing all transformers and motors, and guaranteeing that bill shall not amount to less than 1-3 of the installment per month, 2 cts. per kw. hr.

WAUWATOSA.

(Population 2,913)

THE MILWAUKEE ELECTRIC RAILWAY AND LIGHT CO.

Public service. 9 arc lamps, 2,000 c. p., dusk to 1 a. m., \$78 per lamp per annum; 103 incandescents, 20 c. p., same schedule, \$18 per lamp per annum. Contract period: 5 years—Sept. 1, 1903, to Sept. 1, 1908.

Commercial service. Rates same as those filed for Milwaukee.

WEST ALLIS.

(Population 2,306)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

Public service. 57 arc lamps, 2,000 c. p., dusk to dawn, \$84 per lamp per annum.

Commercial service. Rates same as those filed for Milwaukee.

WEST BEND.

(Population 2,362)

WEST BEND HEATING AND LIGHTING CO.

Public service. 30 arc lamps, 1,200 c. p., dusk to dawn, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discounts according to amount, from 12½ to 33½ plus 20 per cent; minimum charge \$1 per month; meter rent 15 cts. per month. Flat rates: 60 cts. to 54 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—Arc lamps. Meter rate same as above.—Power service. Meter rate: 6 cts. per kw. hr.; meter rent and minimum charge same as above.

WESTBY.

(Population 767)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. Arc lamps, dusk till 11 o'clock, \$70 per lamp per annum; 100 16 c. p. l. equivalent incandescent lights, \$700 per year.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 65 cts. to 45 cts. per 16 c. p. l. equivalent.—Arc lamps: dusk to dawn, \$70 per lamp per annum.—No power service.

WESTFIELD.

(Population 818)

WESTFIELD MILLING AND ELECTRIC LIGHT CO.

Public service. 21 arc lamps, dusk to midnight, moonlight schedule, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum monthly charge 25 cts. Flat rate: 25 cts. to 50 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—Nernst and tantalum lamps, meter rates same as above.

WEST MILWAUKEE.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 25 arc lamps, 2,000 c. p., dusk to dawn, \$84 per lamp per annum. Contract period: 3 years, Aug. 1, 1906, to Aug. 1, 1909.

Commercial service. Rates same as those filed for Milwaukee.

WEST SALEM.

(Population 868)

NESHONOC LIGHT AND POWER CO.

Public service. 64 incandescents and village hall, all night service, \$75 per month.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; minimum charge \$1 per month. Flat rate: \$5 per 16 c. p. per annum.—No arc or power service rates reported.

WEYAUWEGA.

(Population 993)

WEYAUWEGA ELECTRIC LIGHT CO.

Public service. 20 arc lamps, 1,200 c. p., dusk to midnight, \$45 per lamp per annum.

Commercial service. Incandescents. Flat rate: residences \$1 per 16 c. p. l. equivalent for first 5 lights, 10 cts. each for additional lights; businesses 33 1-3 cts. per 16 c. p. l. equivalent per month.

WHITEHALL.

(Population 700)

MUNICIPAL LIGHT PLANT.

Public service. 8 arc lamps and 25 incandescents, for which no charge is made.

Commercial service. Incandescents. Meter rate: 6 cts. per

kw. hr.; minimum charge 75 cts. per month. Flat rate: for less than four lamps, 30 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

WHITEWATER.

(Population 3,108)

WHITEWATER ELECTRIC LIGHT CO.

Public service. 40 arc lamps, dusk to midnight, \$80 per lamp per annum; 76 incandescents, 32 c. p., \$16 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. to 5 cts. per kw. hr.; meter rent of 25 cts. per month charged if not paid before 10th. Lamp renewals are free.—No commercial arc or power rates reported.

WITTENBERG.

(Population 1,009)

VIKING LUMBER CO.

Public service. 18 arc lamps, 2,000 c. p., \$55 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discounts 10 to 25 per cent, according to amount; minimum charge \$1 per month.—No commercial arc or power rates reported.

WYOCENA.

(Population 400)

DUCK CREEK LIGHT & POWER CO.

Public service. 10 incandescents, 32 c. p., \$12 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 50 cts. per month. Flat rate: 25 cts. per month per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

II. Gas Rates.

ALTOONA.

(Population 717)

MUNICIPAL GAS PLANT. (Gasoline.)

Public service. No revenue. Valued at \$200.*Commercial service.* \$1.50 per M cu. ft.

APPLETON.

(Population 17,000)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, sliding scale, \$1.45 per M cu. ft. for first 3 M; all over 15 M \$1.25 per M cu. ft. Fuel gas: \$1.30 for first 10 M cu. ft. to \$1.00 for all over 30 M; discount 10 cts. per M on all bills paid within ten days.

ASHLAND.

(Population 14,519)

ASHLAND LIGHT, POWER & STREET RAILWAY CO.

Public service. 126 lamps, Welsbach burners, moonlight schedule, \$24 per lamp per annum. Mantle renewals are free.*Commercial service.* Illuminating gas: meter rate \$1.75 per M cu. ft.; discount 25 cts. per M if paid before 10th; minimum charge 25 cts. per month. Fuel gas: meter rate \$1.50 per M; discounts and minimum charge same as above. Power and industrial gas: same as fuel gas.

BARABOO.

(Population 5,835)

BARABOO LIGHTING CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate \$1.75 per M cu. ft.; discount 25 cts. per M if paid before 10th; mini-

imum charge 50 cts. per month. Fuel gas: meter rate \$1.50 per M cu. ft.; discount and minimum rate same as above. Power and industrial gas: same as fuel gas. The higher rate is used where gas is sold through a single meter.

BELOIT.

(Population 12,855)

BELOIT WATER GAS AND ELECTRIC CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.60 per M cu. ft. for sales under 2 M to \$1.10 per M cu. ft. for all over 40 M; minimum charge 50 cts. per month; meter rent 10 cts. per month; discount 10 cts. per M if paid before the 10th. Fuel gas: same rate as above. One meter used.

BERLIN.

(Population 4,638)

BERLIN GAS CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$2.00 per M cu. ft.; discount 25 cts. if paid within 10 days. Fuel gas: \$1.50 per M cu. ft.; discount same as above. Store lighting: \$1.00 per M cu. ft.

CAMBRIA.

(Population 678)

MUNICIPAL GAS PLANT (Gasoline)

Public service. 26 street lamps, 250 c. p., moonlight schedule.

Commercial service. Meter rate, \$1.50 per M cu. ft.

CHIPPEWA FALLS.

(Population 9,009)

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Public service. None furnished.

Commercial service. Illuminating gas: \$1.50 per M cu. ft.; all over 10 M \$1.35 per M cu. ft. Fuel, power and industrial gas: same rate as above.

CLINTON.

(Population 892)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. No revenue.*Commercial service.* \$1.50 per M cu. ft.

DEERFIELD.

(Population 587)

URBAN CONSTRUCTION Co. (Acetylene)

Public service. 12 acetylene gas lamps, moonlight schedule, \$20 per lamp per annum.*Commercial service.* Meter rate: \$15.00 per M cu. ft.; discount 10 per cent if over 300 ft. are used in one month.

EAU CLAIRE.

(Population 18,737)

EAU CLAIRE GAS LIGHT Co.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, sliding scale, \$1.40 per M cu. ft. for 5 M to \$1.10 per M cu. ft. for 50 M or above; discount 10 cts. if paid before the 15th; minimum charge 25 cts. per month. Fuel and industrial gas: same rate as illuminating gas. Power gas: meter rate \$1.10 per M cu. ft.; same discount and minimum charge as above.

FOND DU LAC.

(Population 17,284)

EASTERN WISCONSIN RAILWAY AND LIGHT Co.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate \$1.50 per M cu. ft.; discount 10 per cent if paid before the 10th; minimum charge 25 cts. per month. Fuel gas: meter rate, sliding scale, first 10 M \$1.25 per M cu. ft., over 40 M \$0.95 per M cu. ft.; minimum rate and discount same as above.

FOX LAKE.

(Population 908)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 44 Boulevard gas lamps, 100 c. p., dusk to midnight, moonlight schedule; no revenue.

Commercial service. \$1.25 per M cu. ft.

GREEN BAY.

(Population 22,854)

GREEN BAY GAS & ELECTRIC Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate. \$1.75 per M cu. ft.; discount 25 cts. per M if paid before the 10th. Fuel gas: \$1.25 per M cu. ft.; discount same as above. If single meter is used, \$1.55 per M cu. ft. is charged.

HAMMOND.

(Population 445)

MUNICIPAL GAS PLANT. (Gasoline.)

Public service. 18 Miner post street lamps, 70 c. p., dusk to 11 p. m., moonlight schedule, \$2 per lamp per month.

Commercial service. \$1.25 per M cu. ft.

HILBERT.

(Population 591)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 16 street lamps, 175 c. p., dusk to 10 p. m., Saturday 11:30 p. m., \$898.15 per annum.

Commercial service. Meter rate \$1.25 per M cu. ft.

HORICON.

(Population 1,553)

MUNICIPAL GAS PLANT (Gasoline)

Public service. 61 street lamps, Climax burner, moonlight schedule, no revenue.

Commercial service. \$1.50 per M cu. ft.; 25 cts. reduction to persons owning meter.

HORTONVILLE.

(Population 890)

HORTONVILLE LIGHT AND POWER Co. (Gasoline)

Public service. 24 street lamps, Welsbach burners, 125 c. p., dusk to 11 p. m., moonlight schedule, \$24.00 per lamp per annum.

Commercial service. \$2.00 to \$1.50 per M cu. ft.

JANESVILLE.

(Population 13,770)

NEW GAS LIGHT Co.

Public service. All city service \$1.20 per M cu. ft. No street lighting.

Commercial service. Illuminating gas: meter rates \$1.50 per M cu. ft.; discount, over 2 M 10 cts. per M to 30 cts. per M for over 10 M. Fuel, industrial and power gas: rates and discount same as above.

JUNEAU.

(Population 944)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 29 street lamps, Belvidere, 80 c. p., moonlight schedule, \$900 per annum.

Commercial service. \$1.50 per M cu. ft.; minimum charge, 25 cts. per month.

KENOSHA.

(Population 16,235)

KENOSHA GAS AND ELECTRIC Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rates, first 5 M \$1.70 per M cu. ft., all above \$1.20 per M cu. ft.; discount 20 cts. per M cu. ft. if paid before the 10th. Fuel gas: \$1.20 per M cu. ft. for first 10 M, \$1.00 for next 20 M, 80 cts. for all over; discount same as above. Industrial and power gas: same rate as fuel gas.

LA CROSSE.

(Population 29,078)

LA CROSSE GAS AND ELECTRIC Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rates, \$1.00 per M cu. ft.; minimum rate, 50 cts. per month; penalty of 10 per cent added to all bills not paid by the 10th of the month. Fuel gas: same rate as above.

MADISON.

(Population 24,301)

MADISON GAS AND ELECTRIC Co.

Public service. None furnished.

Commercial service. First M cu. ft., \$1.25 net per M; next 4 M cu. ft., \$1.15; all above, \$1.00 per M. Doherty rate, \$3 per year per light meter demanded; \$12 per year service charge; 80 cts. per M cu. ft.; 10 per cent discount on bills paid before the 10th.

MANITOWOC.

(Population 12,733)

MANITOWOC GAS Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.50 per M cu. ft.; minimum charge 25 cts. per month; discount 25 cts.

per M if paid before 10th. Fuel gas: \$1.25 per M cu. ft.; same discount and minimum rate as above. Power gas: sliding scale; below 500 ft. per month per h. p. installed \$1.00 per M cu. ft., from 500 to 2,000 cu. ft. \$1.00 for first 10 M cu. ft. and 80 cts. per M cu. ft. for all over 10 M; where consumption exceeds 2 M cu. ft. per h. p. installed., \$1.00 per M cu. ft. for first 10 M, 80 cts. per M cu. ft. for next 20 M, 60 cts. per M cu. ft. for all gas in excess of 30 M; minimum charge \$3.00 per year. Industrial gas: \$1.00 per M cu. ft. for first 10 M cu. ft., 80 cts. per M cu. ft. for all above.

MARINETTE.

(Population 15,354)

MENOMINEE & MARINETTE LIGHT & TRACTION CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.67 per M cu. ft. for first 2 M to \$1.25 per M cu. ft. for all over 22 M; minimum charge 50 cts. per month; discount 10 per cent if paid within 10 days. Fuel gas: \$1.11 per M cu. ft.; discount and minimum charge same as above. Power gas: same rate as fuel gas.

MARION.

(Population 746)

MUNICIPAL GAS PLANT. (Gasoline.)

Public service. 22 street lamps, Boulevard, 150 c. p., dusk to 11:30 p. m., moonlight schedule, no revenue.

Commercial service. \$1.25 per M cu. ft.

MARKESAN.

(Population 787)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 32 street lamps, Climax, 60 c. p., dusk to midnight, \$100.00 per month.

Commercial service. \$1.20 per M cu. ft.

MENOMONIE.

(Population 5,473)

MENOMONIE GAS Co. (Oil Gas)

Public service. No report.*Commercial service.* Illuminating gas: meter rate, \$1.65 per M cu. ft.; discounts, 15 cts. for first 8 M to 25 cts. for all over 15 M; meter rent 25 cts. to 50 cts. per month. Fuel gas: \$1.65 per M cu. ft.; discount 25 cts. for first 10 M to 40 cts. for all over 15 M. Power and industrial gas: same rates as above.

MILTON AND MILTON JUNCTION.

(Population 810 & 851)

MILTON & MILTON JCT. COOPERATIVE GAS Co. (Acetylene)

Public service. One lamp, run until 10 p. m. as an experiment.*Commercial service.* \$1.50 per 100 cu. ft.; 10 cts. reduction where party uses 200 ft. or more.

MILWAUKEE.

(Population 312,948)

MILWAUKEE GAS LIGHT Co.

Public service. Gas used in public street lamps sold to the Welsbach Street Lighting Co. of America under contract at 80 cts. per M, plus \$1 rental per lamp post per year.*Commercial service.* Illuminating gas: meter rate, sliding scale, 90 cts. per M cu. ft. for first 10 M cu. ft. to 70 cts. per M cu. ft. for all over 20 M per month; discount of 10 cts. per M for payment before last discount day; minimum charge 27 cts. to \$2.16 per month, according to size of meter. Fuel, power and industrial gas: same rates as above.

WELSBACH STREET LIGHTING Co. OF AMERICA.

Public service. 2,650 Welsbach gas lamps, dusk to dawn, every night, \$22.90 per lamp per annum; 350 Welsbach Naphtha lamps, \$27.80 per lamp per annum. "This service includes everything, furnishing of lamps and posts, labor for lighting

and extinguishing, renewals of glassware and mantles and all other repairs necessary to keep the service in first-class condition."

MENASHA.

(Population 5,960)

WISCONSIN TRACTION, LIGHT, HEAT & POWER Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.65 per M cu. ft.; discount 20 cts. per M cu. ft. For other rates see Appleton.

NEENAH.

(Population 6,047)

WISCONSIN TRACTION, LIGHT, HEAT & POWER Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.65 per M cu. ft.; discount 20 cts. per M cu. ft. For other rates see Appleton.

NORTH FOND DU LAC.

(Population 1,944)

EASTERN WISCONSIN RAILWAY AND LIGHT Co.

For rates see Fond du Lac.

NEKOOSA.

(Population 1,099)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 21 street lamps, Boulevard, moonlight schedule, dusk to 11 p. m., \$50 per lamp per annum.

Commercial service. \$1.25 per M cu. ft.

OSHKOSH.

(Population 30,575)

THE OSHKOSH GAS LIGHT Co.

Public service. Buildings \$1.00 per 1,000 ft. No street lighting.

Commercial service. Illuminating gas: meter rates \$1.75 per M cu. ft.; discount 50 cts. per M cu. ft. if paid before the 10th; minimum charge 25 cts. per month; prepayment meters 25 cts. payment set at net. Fuel gas: \$1.25 per M cu. ft.; discount 25 cts. to 35 cts. per M if paid before the 10th; minimum rate same as above. Power and industrial gas: same rate as fuel gas.

PALMYRA.

(Population 710)

MUNICIPAL GAS PLANT. (Acetylene)

Public service. 26 lamps, dusk till 11 p. m., moonlight schedule; no revenue.

Commercial service. \$10.00 per M cu. ft.

PORTAGE.

(Population 5,524)

PORTAGE AMERICAN GAS CO.

Public service. 13 gasoline lamps, dusk to dawn, every night, \$30 per lamp per annum; 80 incandescent gas lamps, same schedule, \$23.81 per lamp per annum.

Commercial service. Illuminating gas: meter rate, sliding scale, first 15 M \$1.30 per M cu. ft. to all over 100 M 80 cts. per M cu. ft.; minimum charge per month \$0.13. Fuel gas: same rate. Power gas: first 100 cu. ft., \$1.30 per M cu. ft., all over 5 M, \$1.00 per M.

RACINE.

(Population 32,290)

RACINE GAS LIGHT CO.

Public service. \$1.00 per M cu. ft. for all purposes. No street lighting.

Commercial service. Illuminating gas: meter rate \$1.40 per M cu. ft. for any quantity to local consumers; \$1.70 for any quantity to interurban consumers; minimum charge 25 cts. to \$4.00, according to size of meter; discount 20 cts. per M for payments on or before last discount day. Fuel gas: sliding

scale, \$1.20 per M for first 10 M cu. ft. to 80 cts. per M for all over 30 M per month; discount and minimum charge same as above. Power and industrial gas: same as fuel gas.

RHINELANDER.

(Population 5,425)

ONEIDA GAS CO.

Public service. None furnished.

Commercial service. Illuminating gas: \$1.65 per M cu. ft.; discount 15 cts. per M if paid before the 10th; minimum charge 25 cts. per month. Fuel gas: \$1.50 per M cu. ft.; same discount and minimum rate as above.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO. (Oil Gas)

Public service. 5 lamps, midnight to dawn, \$18 per lamp per annum; 1 lamp all night, \$42 per lamp per annum.

Commercial service. Illuminating gas: meter rate, \$6.00 per M cu. ft.; discount for bills under \$3.00, 33 1-3 per cent, to over \$50.00, 70 per cent; minimum charge, 25 cts. per month. Fuel gas: \$6.00 per M cu. ft.; discounts, \$10.00, 62 per cent, over \$50.00, 70 per cent; same minimum charge as above. Where light and fuel pass through the same meter, the higher rate is charged. Power gas: \$6.00 per M; discounts, under \$5.00, 62 per cent, over \$5.00, 75 per cent; same minimum charge as above.

SHEBOYGAN.

(Population 24,026)

SHEBOYGAN GAS LIGHT CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate \$1.60 per M cu. ft. for first 10 M; all over \$1.50 per M; discount 25 cts. per M if paid before the 16th. Fuel gas and industrial gas: same rate as above. Power gas: \$1.00 per M cu. ft. net.

STEVENS POINT.

(Population 9,022)

STEVENS POINT LIGHTING CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, \$2.00 per M cu. ft.; minimum charge 25 cts. per month; discount 25 cts. if paid before the 10th. Fuel gas: \$1.50 per M cu ft.; minimum charge 25 cts. per month; same discount as above. No power or industrial gas rates.

STOUGHTON.

(Population 4,244)

STOUGHTON LIGHT AND FUEL CO.

Public service. None furnished.*Commercial service.* Illuminating gas: \$1.35 per M cu. ft.; discount 10 cts. per M if paid before the 10th; minimum charge 50 cts. per month. Wholesale rates, sliding scale: more than 42 M in 6 months \$1.20 per M cu. ft.; over 100 M in 6 months \$1.00 per M cu. ft. Fuel, power and industrial gas: same rate as above.

SUPERIOR.

(Population 36,551)

SUPERIOR WATER, LIGHT & POWER CO.

Public service. None furnished.*Commercial service.* Meter rates, \$1.60 to \$1.40 per M cu. ft.; discount 20 cts. per M if paid before 15th, if paid before 25th 10 cts; minimum charge 25 cts. net per month. Fuel gas: \$1.20 per M cu. ft.; discount and minimum charge same as above. Power gas: 95 cts. to 80 cts. per M; same discount and minimum charge as above. Industrial gas takes fuel gas rates.

WATERTOWN.

(Population 8,622)

WATERTOWN GAS AND ELECTRIC CO.

Public service. 67 Welsbach Boulevard type lamps, dusk to dawn, \$30 per lamp per annum. Mantle renewals are free.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.60 per M cu. ft. for first 3 M, to \$1.25 per M cu. ft. for all over 10 M; discount 25 cts. per M if paid in 15 days; minimum charge 25 cts. per month; meter rent 25 cts. per month. Fuel gas: sliding scale, \$1.40 per M cu. ft. for first M to 80 cts. per M cu. ft. for all over 15 M; discount, minimum charge and meter rent same as above. No power or industrial gas rates reported.

WAUKESHA.

(Population 6,949)

WAUKESHA GAS AND ELECTRIC CO.

Public service. One gas lamp \$1.50 per month.

Commercial service. Illuminating gas: meter rate \$1.30 per M cu. ft.; discount for payment before 10th, 10 cts. per first M to 50 cts. per M for all over 100 M. Fuel gas: rate same as above. Power gas: meter rate \$1.30 per M; discount 30 cts. per M if paid before the 10th.

WAUSAU.

(Population 14,458)

WAUSAU GAS CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.65 per M cu. ft.; discount 15 cts. to 25 cts. per M if paid before the 16th; minimum charge 50 cts. per month. Fuel gas: \$1.40 per M cu. ft.; discount 15 cts. per M for payment before the 16th; no minimum bill. No power or industrial gas rate.

WAUTOMA.

(Population 850)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 37 street lamps; no revenue.

Commercial service. \$1.50 per M cu. ft. for stores and residences.

WAUWATOSA.

(Population 2,913)

WAUWATOSA GAS CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, sliding scale, first 10 M at \$1.30 per M cu. ft., over 20 M at \$1.10 per M cu. ft.; discount 20 cts. per M if paid before the 10th. Fuel, industrial and power gas: rate same as above.

WEST ALLIS.

(Population 2,306)

WEST ALLIS GAS CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, \$1.40 per M cu. ft.; discount 20 cts. per M if paid before the 10th. Fuel gas: sliding scale, first 10 M at \$1.20 per M cu. ft.; all over 30 M at 80 cts. per M cu. ft.; discount same as above. Power and industrial gas: rates same as fuel gas.

III. Heating Rates.

JANESVILLE.

(Population 13,770)

JANESVILLE ELECTRIC CO.

25 cts. per sq. ft. of radiating surface for season.

KENOSHA.

(Population 16,235)

KENOSHA GAS AND ELECTRIC CO.

20 cts. per sq. ft. of radiation required.

LA CROSSE.

(Population 29,078)

LA CROSSE GAS AND ELECTRIC CO.

18 cts. per sq. ft. of radiating surface.

MARINETTE.

(Population 15,354)

MENOMONIE & MARINETTE LIGHT AND TRACTION CO.

The rates are a matter of individual contract.

WATSON HEATING COMPANY.

First 10,000 lbs. of steam condensed to water, 70 cts. per thousand lbs.; next 10,000 lbs. 65 cts.; all in excess of 350,000 lbs., 40 cts. per 1,000 lbs. Discount of 10 per cent for payment within ten days of date of bill. Minimum rate \$2.00 per month.

MILWAUKEE.

(Population 312,948)

MILWAUKEE CENTRAL HEATING CO.

Low pressure steam: first 25,000 lbs. of condensed steam used in one month, 80 cts. per 1,000 lbs.; second 25,000 lbs., 70 cts.; all over 150,000 lbs. 45 cts. High pressure steam: first 25,000 lbs. of steam used in one month, \$1.00 per 1,000 lbs.; second 25,000 lbs., 90 cts.; all over 150,000 lbs., 70 cts. per 1,000 lbs. Discount 5 per cent for payment on or before the 10th day of the following month.

COLBY-ABBOT BUILDING CO.

30 cts. per sq. ft. of radiation per annum.

PLANKINTON ELECTRIC LIGHT AND POWER CO.

35 cts. per sq. ft. of direct radiation per heating season of 8 months.

WELLS POWER CO.

30 cts. per sq. ft. of radiation per season.

MINERAL POINT.

(Population 3,252)

MINERAL POINT ELECTRIC LIGHT CO.

Meter rate 50 cts. per 1,000 lbs. of condensation; flat rate 25 cts. per sq. ft. of radiation.

NORTH MILWAUKEE.

(Population 1,236)

NORTH MILWAUKEE LIGHT AND POWER CO.

Factories \$1 per day in spring or fall when heat is needed, or \$30 per month. Business places \$25 per month for six months.

WATERTOWN.

(Population 8,622)

WATERTOWN GAS AND ELECTRIC CO.

No regular rates; three customers pay approximately \$200 to \$250 per annum.

WEST BEND.

(Population 2,362)

WEST BEND HEATING AND LIGHTING CO.

First 10,000 lbs. of condensed steam in one month 75 cts. per 1,000 lbs.; second 10,000 lbs., 70 cts.; all over 100,000 lbs., 50 cts. per 1,000 lbs. Discount 5 per cent if paid by 10th of following month.

IV. Water Rates.

ALGOMA.

(Population 2,008)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates, minimum charge, \$6 per annum. Domestic rates: dwelling, one family, one faucet, \$6 per annum, each additional faucet to family \$1.00; water closet \$3; bath tub, \$3; lawn, \$6. Business rates: barber shops, \$8; bakeries, \$8; banks, \$6 and up; butcher shops, \$8; drug stores, \$8; hotels, \$12 for 12 rooms, 50 cts. for each additional room; saloons, \$12; building purposes, 10 cts. per cord stone, 10 cts. per M brick, 15 cts. per 100 yds. plaster.

Meter rates. None reported.

ANTIGO.

(Population 6,663)

ANTIGO WATER CO.

Commercial service. Flat rates: minimum charge \$5 per annum. Domestic rates: dwelling houses, one family, four rooms or less, faucet rate, \$5; each additional room, \$1; water closet, \$5; bath tub, \$5; lawn, 50 ft. front, \$5. Business rates: barber shops, \$6 and up; boarding houses and hotels, \$10 and up; stores and offices, \$5 and up; saloons, \$10 and up; building purposes, 15 cts. per cord stone, 10 cts. per M brick, 25 cts. plastering 100 sq. yds.

Meter rates: minimum \$2.50 per quarter, sliding scale, 5,000 gals. or less per month, 40 cts. per M gals., to 8 cts. for over 300 M gals. per month.

APPLETON.

(Population 17,000)

APPLETON WATER WORKS CO.

Commercial service. Flat rates. Domestic service: one family in a house, \$7 per annum; two or more families, \$5 each; water closet, \$5; bath, \$4; lawn, 60 ft. front, \$6 per season. Business rates: bars, \$7, up; stores, \$5, up; stables, \$1.50 per head.

Meter rates: minimum 84 cts. per month; 30 cts. per 1,000 gals., subject to discount for quantity consumed, varying from 10 per cent for over 3,000 gals. per month to 40 per cent for over 60,000 gals.; 7 per cent cash discount if paid in 10 days.

ARCADIA.

(Population 1,316)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic: dwellings, \$5, up; water closet, \$3; bath tub, \$1; wash basin, \$2. Business rates: barber shops, \$5, up; blacksmiths, \$5, up; offices, \$5 per faucet; restaurants, \$6; saloons, \$8, up.

Meter rates: minimum, \$5 per annum; first 200 gals. per day 30 cts. per thousand gals., next 100 gals. 25 cts., next 300 gals. 20 cts., next 2,400 gals. 15 cts., all over, 10 cts.

ASHLAND.

(Population 14,519)

THE ASHLAND WATER CO.

Public service. City pays for first 54 hydrants \$100 each per annum; next 46 hydrants \$60 each; all additional \$50 each. For other municipal purposes water is free.

Commercial service. Flat rates. Domestic service: family of four rooms, \$6, each additional room, \$1.50; water closet, \$4; bath tub, \$5; lawn, 50 ft. front, \$5; maximum charge for one family, \$30. Business rates: barber shops, \$6, up; hotels, \$1.50 per room; offices, \$5; stores, \$10; restaurants, \$5; saloons, \$8; building purposes, brick 8 cts. per M, plastering $\frac{1}{4}$ ct. per sq. yd.

Meter rates: minimum monthly rate \$1 to \$5; sliding scale, less than 1,000 gals. per day 30 cts. per 1,000 gals.; over 20,000 gals. per day, $12\frac{1}{2}$ cts. per 1,000 gals.

BALDWIN.

(Population 640)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, one family, \$5; water closet, \$10; lawn, \$5; with dwelling, \$7.50.

Business rates: barber shops, \$5 and up; cheese factories, \$15; creameries, \$20; hotels, \$10; meat markets, \$10; offices and stores, \$2.50; saloons, \$15.

BANGOR.

(Population 695)

HUSSA BROS. ELECTRIC LIGHT & POWER PLANT.

Commercial service. Flat rates: private residence, \$6 per year; private barn, \$2.50 to \$6.00 per year; sprinkling \$3-\$5.

Meter rates: 15 cts. per M gals.; minimum rate \$5 per annum.

BARABOO.

(Population 5,835)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: residence of one family, five rooms, \$5, each additional room, \$1; water closet, \$4; bath tub, \$3, up; additional wash basins, \$2. Business rates: barber shops, \$6, up; blacksmith shops, \$5, up; offices, \$5, up; saloons, \$10, up; stores, \$8, up.

Meter rates: sliding scale, less than 300 gals. per day, 50 cts. per 100 gals., to 20 cts. per 100 gals. for more than 5,000 gals. per day.

BAYFIELD.

(Population 2,675)

BAYFIELD MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: 1 faucet per month, 50 cts.; bath tub per month, 25 cts.; water closet per month, 25 cts.; boarding houses per month, \$1.00.

Meter rates: sliding scale, 3,000 gals. or less 35 cts. per M. gals., to 10 cts. per M for over 30,000 gals. and under 40,000 gals. For all over 40,000 gals. in one month at 12 cts. per M gals. For water motor, 20,000 gals. and under, 15 cts. per M, to 10 cts. per M for 35,000 to 50,000 gals.

BELOIT.

(Population 12,855)

BELOIT WATER, GAS & ELECTRIC CO.

Commercial service. Flat rates. Domestic rates: residences, one family, three rooms or less, faucet rate, \$5 per annum, each additional room, \$1 per annum; water closet, first, \$4 per annum, each additional, \$3 per annum; bath tub, first, \$4 per annum, each additional, \$3 per annum; lawn, 50 ft. front, \$6 per annum, each additional ft. 10 cts. Business rates: barber shops, first chair and basin, \$6 per annum, each additional, \$3; offices and stores, first opening, \$6, each additional, \$4; saloons, first bar faucet, \$15, each additional, \$5; restaurants, first kitchen faucet, \$10, each additional, \$4; building rates, 10 cts. per. cd. stone or per M brick, 15 cts. per 100 sq. yds. plaster.

Meter rates: sliding scale, daily consumption 100-300 gals. 35 cts. per M, to 13 cts. per M for 30,000 gals. and over.

BERLIN.

(Population 4,638)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, first faucet, \$5, each additional, \$1.50; water closet, first bowl, \$3, each additional, \$2; bath tub, first, \$3, each additional, \$2; lawn, 66 ft. front, \$5, excess in proportion. Business rates: barber shops, first chair, \$5, each additional, \$1; blacksmith shops, faucet, \$5; boarding houses, per room, \$1; building purposes, per M bricks 10 cts., per cord of stone 10 cts., per 100 sq. yds. plastering 15 cts.; saloons, bar scrubbing and pump, \$12.

Meter rates: minimum bill, \$5 for 2,500 cu. ft., or less; sliding scale, 2,500 to 4,000, \$2 per M cu. ft.; to 20,000 or more cu. ft. \$29 first 20,000, excess \$1.40 per M.

BLAIR.

(Population 461)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling, six rooms or less, each family, \$4, each additional room, 20 cts.;

water closet per bowl, \$2; bath tubs, each, \$1; sprinkling lawns, 70 ft. front or less, \$4; where water is also used in the house, \$2. Business rates: barber shops, first chair, \$3, each additional, \$1.50; blacksmith shops, one fire, \$2.50, each additional, \$1.50; boarding houses, \$5; building purposes, per M brick 8 cts., per cd. stone 8 cts., per 100 sq. yds. plaster 12 cts.; butcher shops, \$6; saloons, \$10.

Meter rates: 15 cts. per M gals.

BLOOMER.

(Population 1,046)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, each family, two faucets or less, \$5 per annum; each additional faucet, \$1; water closet, \$1.50 per annum; bath, \$1.50 per tub; lawn sprinkling, \$5. Business rates: barber shops, 2 chairs, \$5, each additional chair, \$1; livery barns, \$20; butcher shops, \$12; restaurants, \$8; saloons, \$10 and up; stores, 4 persons, \$5, more than 4 persons, \$10; offices, \$3.

Meter rates: first 5,000 gals., \$1.25; each additional 1,000 gals. or fraction thereof, 20 cts. per M gals.

BRODHEAD.

(Population 1,667)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, first faucet, \$2, each additional, 50 cts.; lawns, first hydrant, \$2, each additional, \$1. Business rates: barber shops, first chair, \$2, each additional, \$1; blacksmith shops, \$3; saloons, \$6; butcher shops, \$4; restaurants and eating houses, \$5.

BURLINGTON.

(Population 2,625)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, four room house, \$3.20, five, six or seven room house, \$4, each additional room over seven, 20 cts.; water closets, \$3, each additional,

\$1.50; bath tub, each \$2.50; lawn, four rods front, \$3.50, each additional four rods, \$2. Business rates: barber shops, \$2.50, each additional, \$1.25; building purposes, each barrel of lime 6 cts.; butcher shops, with sprinkler, \$8; blacksmith shops, \$3; saloons, \$8.

Meter rates: minimum \$5 per yr.; sliding scale 1,000 gals. per day, 15 cts. per M gals., to 18,000 gals. per day and over, 6 cts. per M.

CASSVILLE.

(Population 651)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, \$5 per annum. Business rates: saloons, \$5 per annum; breweries, \$60 per annum; livery barns, \$18.80; meat markets, \$12; hotels, \$25; drug stores, \$2.60 per annum.

No meter rates reported.

CHIPPEWA FALLS.

(Population 9,009)

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Public service. Contract with city for 100 fire hydrants at \$55 per year, and 56 fire hydrants at \$50 per year. Sprinkling wagon \$40 per month.

Commercial service. Flat rates: minimum rate of \$5 per year. Domestic rates: family kitchen faucet, \$5 per year; bath tub, \$3 per year; water closet, \$4 per year; lawn, two 66 ft. front lots, \$5. Business rates: barber shops, first chair and basin, \$5, each additional, \$1.50; blacksmith shops, first fire, \$5, each additional, \$2; boarding houses, minimum rate \$10 per year, per room \$1; building purposes, per 1,000 brick 10 cts., stone per perch 7 cts., plaster per 100 sq. yds. 40 cts.; stores, one basin, not over four persons, \$5.

Meter rates: sliding scale, 100-300 gals. daily consumption, 30 cts. per M to 60 cts. per M where daily consumption is 30,000 gals. and over.

CLINTON.

(Population 892)

MUNICIPAL WATER WORKS.

Public service. Hydrants, \$25 per annum.*Commercial service.* Flat rates. Domestic service: \$4 per family per annum.

Meter rates: 20 cts. per M gals.

COLUMBUS.

(Population 2,388)

MUNICIPAL WATER PLANT.

Public service. Hydrants, \$40 per annum.*Commercial service.* Flat rates. Domestic rates: family, 8 room house or less, \$5; water closets, \$4 per bowl; bath tub, \$4, each additional, \$3; lawn, 60x150 ft., \$5, each additional foot, 5 cts. Business rates: barber shops, 2 chairs or less, \$5, each additional, \$1; boarding and lodging houses, 6 rooms or less, \$6, each additional, 50 cts.; blacksmith shops, two fires, \$5, each additional fire, \$1; building purposes, per 1,000 brick 10 cts., for stone per cord 10 cts., for plastering 100 yds. 25 cts.; cigar factories, \$5.

Meter rates: 20 cts. per 100 cu. ft.

CORLISS.

(Population 700)

WISCONSIN ENGINE CO.

Meter rates: sliding scale, from 0 to 1,000 gals., 30 cts. per M, to 6 cts. for 30,000 gals. and over.

CUBA CITY.

(Population 755)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates: \$4 to \$5 per family per annum.

DEERFIELD.

(Population 587)

MUNICIPAL WATER PLANT.

Commercial service. Flat rates. Domestic rates: family, first faucet, \$5.50, second and third additional, each \$2, each additional, 50 cts. Business rates: stores same as domestic rates; hotels, \$8; building purposes, 10 cts. per 1,000 brick, 10 cts. per cord of stone, 15 cts. per 100 yds. of plastering; liveries, \$10; photograph galleries, \$6.

DELAVAN.

(Population 2,321)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: minimum charge, \$2.50 for six months; first 8,333 gals. \$2.50, to all over 268,333 gals. 8 cts. per M.

DE PERE.

(Population 4,523)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, \$5 per year, first faucet, each additional faucet, \$2; each additional family, \$4; water closets, \$3, each additional, \$1; bath tub, \$2; lawn, 60 ft. front, \$5, each additional foot, 2½ cts. Business rates: building purposes, 5 cts. for each barrel of lime or cement used; butcher shops, \$10 to \$15; cigar factories, \$5 to \$10; saloons, \$5 to \$15; stores and shops, one faucet, \$5, each additional, \$2.

Meter rates: minimum, \$1.25 for first 3,000 gals., sliding scale, 3,000-5,000 gals. 35 cts. per M, to 10 cts. per M for 28,000 gals. and over.

DODGEVILLE.

(Population 2,152)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates; minimum charge \$5 per year. Domestic rates: one family, six rooms or less, \$5, each

additional room, 50 cts.; water closets, \$2.50 each; bath tubs, first tub free, each additional, \$2; lawns, 2,000 sq. ft., \$2. Business rates: barber shops, one chair and basin, \$5, each additional chair, \$2; blacksmith shops, one fire, \$3.50, each additional fire, \$3; boarding houses, each room, 50 cts.; building purposes, per 1,000 square yds. plaster 15 cts., 10 cts. per 1,000 bricks, stone per perch 5 cts.; saloons, \$15.

Meter rates: minimum \$5 per annum; sliding scale, daily consumption 100-300 gals. at 20 cts. per M, to 600 to 1,000 gals. at 12 cts. per M.

EAU CLAIRE.

(Population 18,737)

EAU CLAIRE WATER COMPANY.

Public service. City pays for 200 hydrants under original franchise at \$54 per year, and one extension, \$44 per year.

Commercial service. Flat rates. Domestic rates: one family, four rooms or less, \$1.20, five rooms, \$1.45, six rooms, \$1.70, seven rooms, \$1.90, each additional room, 20 cts.; bath tub with heater, \$1, without heater, 75 cts.; water closets, \$1; lawn, 50 ft. front or less, \$5, each additional ft., 10 cts. Business rates: barber shops, first chair and basin, \$1.50, each additional chair, 75 cts.; blacksmith shops, first fire, 50 cts.; building purposes, brick per 1,000 laid 10 cts., stone per perch 7 cts., plastering per 100 sq. yds. 25 cts.; boarding houses, 35 cts. per room; stores, one faucet, \$2, with hose, \$2.50.

Meter rates: sliding scale, 100-300 gals. per day at 30 cts. per M, to 10 cts. per M daily consumption, 30,000 gals. and upwards.

EDGERTON.

(Population 2,416)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates; minimum charge \$5 per annum. Domestic rates: dwelling house, each family, first faucet, \$5, each additional \$1; water closet, first bowl, \$3, each additional, \$2; bath tubs, first tub, \$3, each additional, \$2; lawn, 50 ft. front, \$5, each additional ft., 5 cts. Business rates: barber shops, first chair, \$4, each additional, \$1; blacksmith shops, one faucet, \$5; building purposes, 10 cts. per M brick, 10 cts.

per cd. stone, 15 cts. per 100 yds. of plaster; stores, 22 ft. front, \$5, excess in proportion; saloons, \$10.

Meter rates: sliding scale, 10-300 gals. at 30 cts. per M, to 30,000 gals. and up, 10 cts. per M gals.

ELKHORN.

(Population 1,818)

MUNICIPAL WATER WORKS.

Meter rates: minimum charge, \$1.50, semi-annually; sliding scale, 40 cts. per M gals. for first 5,000 gals., to 20 cts. per M gals. for over 10,000 gals. Rates applied semi-annually.

ELLSWORTH.

(Population 1,060)

MUNICIPAL WATER WORKS.

Meter rate: 50 cts. per M.

ELROY.

(Population 2,011)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates: minimum charge, \$5 per annum. Domestic service: dwelling house, 6 rooms, \$5, each additional room, 25 cts.; water closet, \$2.50; bath tubs, \$2; lawn, 2,000 sq. ft. or less, \$1. Business rates: barber shops, first chair, \$3, each additional, \$2; boarding houses, per room, \$1; building purposes, 1,000 brick 10 cts., per cord of stone 10 cts., per 100 sq. yds. plaster 15 cts.; saloons, \$10-\$15.

Meter rates on application.

EVANSVILLE.

(Population 1,963)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: daily consumption 10-300 gals. 30 cts. per M, to 10 cts. per M for all above 30,000 gals.

FENNIMORE.

(Population 1,053)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling house, per family, \$6; water closets, per bowl, \$2; bath tubs, \$1; lawn, \$2. Business rates: barber shops, \$4; blacksmith shops, \$3; boarding houses, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 sq. yds. plaster 15 cts.; saloons, \$12.

Meter rates: sliding scale, 400 to 1,000 gals., 30 cts., 6,000 to 10,000 gals., 15 cts.; over 10,000 gals., special rates.

FLORENCE.

(Population 1,941)

MUNICIPAL WATER WORKS.

Charges for water are 50 cts. to \$1.25 per month.

FOND DU LAC.

(Population 17,284)

FOND DU LAC WATER CO.

Commercial service. Flat rates. Domestic rates: dwelling, one to five rooms, \$5, each additional room, \$1; water closet, with hard valve, \$5, continual flushing, \$10; bath tub, warm, \$5, cold \$4, each additional, \$2.50; lawn, 200 sq. yds., \$5, 500 sq. yds. 2 cts. per yd., over 500 sq. yds. 1 ct. per yd. Business rates: barber shops, first chair, \$6, each additional, \$4; blacksmith shops, one fire, \$4, each additional, \$3; butcher shops, \$10; cigar factories, five hands, \$10, each additional, \$2; saloons, \$12-\$30; stores and shops, \$9-\$20.

Meter rates: minimum \$3 per annum; sliding scale, 100-500 gals., 5 cts. per 100, to 2 cts. per 100 for 10,000 or more..

GLENWOOD.

(Population 905)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates: 1 tap 75 cts. per month; 2 taps, \$1.50 per month.

GRAND RAPIDS.

(Population 6,157)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rates: dwelling house, not exceeding 5 rooms, \$5, each additional family not occupying more than 3 rooms, \$3; water closet, \$4, each additional, \$2; bath tub, \$4; lawn, 60 ft. or less, \$5. Business rates: barber shops, first chair, \$4-\$6, each additional, \$3; blacksmith shops, one fire, \$3, each additional fire, \$1.50; building purposes, 10 cts. per M brick, 5 cts. per perch of stone, 10 cts. per 100 sq. yds. 2 coats plaster, concrete 1 ct. to 2 cts. per sq. yd.; cigar factories, 5 hands or under, \$5; saloons, \$10-\$20.

Meter rates: minimum charge, \$5 per annum; sliding scale, 15 cts. per 100 cu. ft., when consumption is 100-300 gals. per day, to 5 cts. per 100 cu. ft. where consumption exceeds 12,000 gals.

GREEN BAY.

(Population 22,854)

GREEN BAY WATER CO.

Commercial service. Flat rate. Domestic service: dwelling house, 5 rooms, 1 faucet, \$5, each additional room \$1, each additional faucet, \$2; water closet \$4, each additional, \$3; bath tub \$4, each additional, \$3; lawn, one lot, \$6. Business rates: barber shops, first chair, \$6, each additional, \$2; boarding houses, per room per faucet, \$1, minimum rate, \$10, each additional faucet, \$3; saloons, not less than \$25; butcher shops, not less than \$25; building purposes, each barrel of lime or cement used, 5 cts.

Meter rates: minimum charge \$2.50 per quarter; sliding scale, 500 gals. daily use, 4 cts. per 100 gals. to 2 cts. per 100 gals. for 4,000 gals. or over.

HILLSBORO.

(Population 804)

E. V. WERNICK.

Commercial service. Flat rates: dwellings, one tap, \$5 per annum, 2 taps, \$7 per annum; water closets, \$5 per annum; livery barns, \$15 per annum.

HUDSON.

(Population 3,220)

MUNICIPAL WATER WORKS.

Commercial service. No flat rates with the exception of service to the "Omaha" Ry. Co., who pay \$140 per month for use of water at their shops.

Meter rates: sliding scale, six months consumption of 5,000 cu. ft., 30 cts. per M gals., to 10 cts. per M for six months consumption of all over 15,000 cu. ft.

JANESVILLE.

(Population 13,770)

JANESVILLE WATER CO.

Commercial service. Flat rates. Domestic rates: dwelling of 5 rooms, faucet, \$5, each additional room, \$1; water closet, \$4, each additional, \$2; bath tub, \$4, each additional, \$2; lawn, \$8, with other service, \$5. Business rates: barber shops, one, two and three chairs, \$7.50, each additional chair, \$2.50; butcher shops, \$10; building purposes, 8 cts. per barrel of lime or cement; boarding houses, one faucet at sink or basin, \$15, each additional, \$3.50; stores and offices, \$7 first faucet, \$2.50 each additional.

Meter rates: minimum charge \$2.50 per quarter for buildings serving more than one tenant; sliding scale, 500 gals. per day 35 cts. per M, to 7 cts. per M for 20,000 to 25,000 gals. Over 25,000 on application.

JEFFERSON.

(Population 2,572)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: where daily consumption averages 300 gals., 20 cts. per M gals.; all in excess 10 cts. per M gals.; minimum rate for the quarter, \$1.25.

KAUKAUNA.

(Population 4,991)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 5 rooms or less, \$5, each additional, \$1; water closet, \$3; bath tub, \$3, each additional, \$2; lawn, 50 ft. frontage, \$5, each additional ft., 5 cts. Business rates: barber shops, first chair \$5, each additional, \$1; blacksmith shops, one fire, \$5, each additional fire, \$2; boarding houses, each room, \$2, no rate less than \$10; cigar factories, per hand, \$1.50; saloons, \$12.

Meter rates: minimum charge of \$1.25 per quarter; sliding scale, 50 to 300 gals. daily consumption 30 cts. per M, to 4½ cts. per M above 60,000 gals.

KENOSHA.

(Population 16,235)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling house, per family per faucet, \$5, each additional faucet, \$1.50; water closet, \$3, each additional, \$2; bath tub, first, \$3, each additional, \$2; lawn 50 ft. front, \$3, 100 ft. front, \$5, each additional 50 ft., \$2.50. Business rates: barber shops, first chair, \$5, each additional, \$1; blacksmith shops, one faucet, \$5; boarding houses, per room, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per hundred yds. plaster 15 cts.; saloons, \$12.

Meter rates: minimum charge \$5; sliding scale, 500 gals. or less, 12 cts. per M, to 4 cts. per M for 100,000 gals. and over.

KIEL.

(Population 1,130)

MUNICIPAL WATER WORKS.

Commercial service. Meter rate: minimum charge, \$1.50 per quarter, entitling consumer to 835 cu. ft.; all above, 18 cts. per 100 cu. ft. Flat rates for building purposes: per M brick, 15 cts.; per cord stone, 15 cts.; per 100 yds. plaster, 25 cts.

LA CROSSE.

(Population 29,078)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling house, family, 1 to 2 rooms, \$3, 3 to 4 rooms, \$4, 5 to 6 rooms, \$5, each additional room, 50 cts.; water closet, \$3, each additional, \$2; bath tubs, each \$2; lawn, 1,000 sq. ft. or less free, up to 7,000 sq. ft. \$5, each additional 1,000 ft. 25 cts. Business rates: blacksmith shops, first fire, \$3, each additional fire, \$1; building purposes, brick per M 5 cts., stone per M cu. ft. 10 cts., plastering per 100 sq. yds. 15 cts.; cigar factories, ten persons or less, \$5, each additional person, 25 cts.; stores, \$5 for each five persons employed.

Meter rates: uniform charge of 25 cts. per meter for reading; sliding scale, first 2,000 cu. ft. used in 6 months, 15 cts. per 100 cu. ft., to all in excess of 327,000 ft. used in 6 months, 3 cts. per 100 cu. ft.; minimum rate, \$2.50 for 6 months.

LAKE GENEVA.

(Population 3,449)

LAKE GENEVA WATER AND LIGHT COMPANY.

Commercial service. Flat rate. Domestic rates: dwelling, four rooms, \$1.25, each additional room, 25 cts.; water closet, \$1; bath tubs, \$1, with heater, \$1.25; lawn, per 60 ft. front, \$5. Business rates: barber shops, first chair, \$1.50, each additional, 75 cts.; blacksmith shops, first fire, \$1.25, each additional fire, 75 cts.; boarding houses, per room, 35 cts.; saloons, \$2.50 to \$5; stores, one basin, \$2.25.

Meter rates: minimum charge \$2.50 quarterly; sliding scale: 100 to 300 gals. daily consumption, 35 cts. per M, to 12 cts. per M for 3,000,000 gals. or over.

LAKE MILLS.

(Population 1,602)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, one faucet, \$6; water closets, private, per bowl, \$3; bath tubs, \$3; lawn, one hose nozzle, \$6. Business rates: barber shops,

first chair, \$6, each additional chair, \$1; blacksmith shops, \$6; butcher shops, \$6; building purposes, per M brick 10 cts., per 100 sq. yds. plaster 15 cts., per cord stone 10 cts.; restaurants, three tables or less, \$6.

Meter rates: minimum charge, \$6 per annum; sliding scale: 100 to 300 gals. daily consumption, 25 cts. per M, to 20,000 to 30,000 gals., 8 cts.

LANCASTER.

(Population 2,555)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rates: dwelling, each family, 1 faucet, \$4, each additional faucet, 50 cts.; water closet, each, \$2.50; bath tub, each, \$2; lawn, with other service, \$3; without other service, \$5. Business rates: barber shops, \$6; blacksmith shops, \$5; butcher shops, \$8; cigar factories, \$4; restaurants, \$8.

Meter rates: 40 cts. per M gals.

MADISON.

(Population 24,301)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwellings, six rooms or less, each family, \$5 per annum; water closets, each, \$2.50; bath tubs, each, \$3. Business rates: boarding houses, each room, \$1; building purposes, per M brick 10 cts., per cord stone 10 cts., per 100 sq. yds. plaster 15 cts., cement and concrete per sq. yd. 3 cts.

Meter rates: minimum charge \$2 semi-annually; sliding scale from first 1,500 cu. ft. at \$2, to 15,000 to 30,000 cu. ft. at 5 cts. per 100 cu. ft. Meter rates payable semi-annually.

MANITOWOC.

(Population 12,733)

MANITOWOC WATER WORKS COMPANY.

Commercial service. Flat rates. Domestic rates: dwelling, 4 room, \$5, each additional faucet, 50 cts.; water closet, \$4; bath tub with heater, \$4, without heater, \$3; lawn, 60 ft. front or

less, \$5. Business rates: barber shops, first chair, \$6, each additional chair, \$2; blacksmith shops, first fire, \$5, each additional fire, \$2; building purposes, brick per M 10 cts., stone per cord 25 cts., plaster per 100 yds. 30 cts.; boarding houses, per room, \$1.50; saloons, 2 bar faucets, \$10, wash basin, \$3, with hose connection, \$5.

Meter rates: sliding scale; under 1,000 gals: per day 30 cts., to 15 cts. for 4,000 gals. or over and 13, 12 and 10 cts. for greater amounts.

MARINETTE.

(Population 15,354)

CITY WATER CO.

Commercial service. Flat rates. Domestic service: residences, occupied by one family, four rooms or less, \$4 per annum, each additional room \$1; water closet, \$2.50; bath tub, \$3; sprinkling, \$5 per season. Business rates, per annum: banks, one faucet, \$6; bakeries, per bbl. flour used per day, \$3; barber shops, per chair, \$3; blacksmith shops, each fire, \$3; laundries, \$15 to \$50; printing offices, 6 hands or more, \$1.50 per hand.

Meter rates: where daily consumption is 100 to 1,000 gals., 30 cts. per M gals.; where daily consumption is more than 10,000 gal., 15 cts. per M gal.

MARSHFIELD.

(Population 6,035)

MARSHFIELD WATER, ELECTRIC LIGHT AND POWER CO.

Commercial service. Meter rates: 35 cts. per 1,000 gals. where consumption is 144 gals. per day, to 10 cts. where over 10,000 gals. per day.

MAUSTON.

(Population 1,857)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 7 rooms or less, each family, \$5, each additional room, 50 cts.; water closets, per bowl, \$2.50, when in room with bath tub, \$2; bath tub \$2, when in room with water closet, \$1; lawn, per lot

of $\frac{1}{4}$ acre, \$3. Business rates: barber shops, one chair, \$3, each additional, \$1; blacksmith shops, first fire, \$3.50, each additional, \$1.50; boarding houses, \$5 to \$10; building purposes, per M brick 15 cts., per cd. stone 15 cts., per 100 yds. plaster 20 cts.; cigar factories, per hand, \$1; saloons, \$10.

Meter rates: consumers having $\frac{5}{8}$ in. meter, \$8 for 40,000 gals.; $\frac{3}{4}$ in. meter, \$10 for 50,000 gals; 1 in. meter, \$12 for 60,000 gals.; larger, \$15 for 75,000 gals. Any excess of the amount named at rate of 15 cts. per M. Consumers using 1,000 gals. per day, 12 cts. per M gals.

MAZOMANIE.

(Population 863)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling, first faucet, \$5, additional faucet, \$4.50. Business rates: shops same as for dwelling houses.

MELLEN.

(Population 1,700)

MELLEN WATER AND LIGHT CO.

Public service. City pays \$6 per month per hydrant.

Commercial service. Flat rates. Domestic rates: dwelling, 3 room, 75 cts. per month, 4 to 8 room, \$1 per month; bath room, 50 cts. per month; lawn, \$1 per month.

MENASHA.

(Population 5,960)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: minimum charge \$5 per year; sliding scale, 1 to 1,000 gals. per day, 15 cts. per M, to 6 cts. per M for from 6,000 to 12,000 gals. per day.

MENOMONIE.

(Population 5,473)

MENOMONIE WATER WORKS.

Commercial service. Flat rates. Domestic service: residence, four rooms or less, one family, \$5, each additional room, \$1;

water closet, \$4; wash basin, \$2; bath tub, \$3 to \$4; sprinkling, \$5. Business rates: banks, \$8 to \$10; bakeries, \$4 per daily average of each bbl. flour used; barber shops, first chair, \$6, each additional chair, \$3; blacksmith shops, first fire, \$5, each additional fire, \$2; laundries, \$8 per tub; offices, \$5 up; printing offices, six hands or less, \$12, each additional hand, \$1.50; saloons, \$10 up; building purposes, brick per M 10 cts., stone per perch 7 cts., plaster per 100 yds. 40 cts.

Meter rates: when daily consumption is 100 to 300 gals., 30 cts. per M gal.; all over 3,000 gals. per day, 10 cts.

MERRILL.

(Population 9,197)

CITY WATER WORKS Co.

Commercial service. No license issues for less than \$5. Flat rates. Domestic rates: dwelling, one family, four rooms or less, \$5, each additional room, \$1; water closets, \$4; bath tub \$3; lawn, 50 ft. front or less, \$5, each additional foot, 10 cts. Business rates: barber shops, each chair, \$6; blacksmith shops, each fire, \$4; building purposes, per M brick 10 cts., per 100 yds. plaster 7 cts.; boarding houses, minimum \$10, per room \$1.50; saloons, \$15 to \$30.

Meter rate: minimum charge, \$1 per month for $\frac{1}{2}$ in. meter; \$2, for $\frac{3}{4}$ in. meter; \$4 for 1 in. meter; each additional $\frac{1}{2}$ in., \$2. Sliding scale, 100 to 1,000 gals. at 40 cts., to 25 cts. per M gals. for from 2,000 to 5,000 gals.

MILWAUKEE.

(Population 312,948)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 1-2 rooms, \$4, 3-4 rooms, \$5, 5-6 rooms, \$6, each additional room, \$1; water closet with self closing valve, 2, each additional, \$4; bath tubs, \$3; lawn, per 1,000 sq. ft., \$2.50. Business rates: barber shops, each chair, \$3; blacksmith shops, each fire, \$3; boarding houses not having more than 4 boarders are rated as private dwellings, all others as hotels, charged \$1.50 per room; butcher shops, \$6 to \$20; building purposes, brick per M 6 cts.,

stone per cd. 15 cts., plaster per 100 sq. yds. 15 cts.; saloons, \$10.

Meter rate: $4\frac{1}{2}$ cts. per cu. ft. or 6 cts. per 1,000 gals. for all water metered; reading, \$1 per year.

MONROE.

(Population 4,269)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, 4 room, first faucet, \$1.50, 6 room house, first faucet, \$2; water closet, \$1, each additional, 75 cts.; bath tub \$1, each additional 75 cts.; lawn, 1 lot, \$6. Business rate: boarding houses, 6 rooms, \$2, each additional, 25 cts.; saloons, \$2.50 to \$5; stores, 1 basin \$2.25, with hose connection, \$2.50.

Meter rates: minimum \$14 per year; sliding scale, daily consumption 100 to 300 gals. at 35 cts. per M; 300 to 1,000 gals. at 30 cts. per M.

NEENAH.

(Population 6,047)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwellings, six rooms or less, for each family, \$5, each additional room, 50 cts.; water closet, \$3; extra wash basin, \$1; sprinkling, 2,000 sq. ft., \$5. Business rates, per annum: banks, \$8 to \$10; bakeries, \$8 to \$10; barber shops, first chair, \$3, each additional, \$2; blacksmith shops, one fire, \$3.50, each additional, \$3; drug stores, \$8 to \$10; eating houses, \$10 to \$20; liveries, per stall, \$1.25; stores, 30 ft. or less, \$5; saloons, \$8 to \$15; building purposes, per M brick 10 cts., per 100 sq. yds. plaster 15 cts., per cd. stone 10 cts. Minimum rate, \$5 per annum.

NEILLSVILLE.

(Population 2,117)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rate: dwelling, 5 rooms; 1 family, \$5, each additional room, \$1, each added family, \$4; water closet, \$3; bath tub, \$3; lawn, 70 ft. front, \$5, where

water is taken in house, \$3, each added foot, 10 cts. Business rates: barber shops, first chair, \$3, each added chair, \$2; blacksmith shops, first fire, \$3, each added fire, \$1; boarding houses, per room, \$1, no service for less than \$10; building purposes, per M brick 10 cts., stone per perch 7 cts., plastering per 100 yds. 40 cts.; saloons, 2 bar faucets, \$10, wash basin, \$3; stores, 1 basin, \$3.

Meter rate: minimum charge \$3.40; sliding scale, first 8,000 cu. ft. per quarter year, 20 cts. per M gals.; all over 16,000 cu. ft. at 10 cts. per M gals.

NEW RICHMOND.

(Population 1,824)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, \$8, with bath \$15. Business rates: barber shops, \$9; saloons, \$12; stores \$8.

NORTH FREEDOM.

(Population 578)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling houses, 10 rooms or less, \$3, each added room, 50 cts.; water closets per bowl, \$1.50, when in room with bath tub, \$1; bath tubs, \$1.50, when in same room with water closet, \$1; lawn, $\frac{1}{4}$ acre, \$3. Business rates: barber shops, 1 chair, \$2; blacksmith shops, 1 fire, \$2, each additional fire, \$1; boarding houses, per room, 50 cts.; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 yds. plaster 15 cts.; saloons, \$10 to \$15.

Meter rates: sliding scale, 100 to 300 gals. per day, per M gals. 15 cts., above 1,000 gals. per day, 6 cts. per M gals.

OCONOMOWOC.

(Population 3,013)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates only: sliding scale; first 300,000 gals. or part thereof used during the term of six months, 15 cts. per M gals., all above 3,100,000 gals. at 6 cts. per M gals.

OCONTO.

(Population 5,722)

OCONTO WATER SUPPLY CO.

Commercial service. Flat rate. Domestic rate: dwelling, one family, one to five rooms, \$5, each additional room, \$1; water closet, first, \$5, each additional, \$3; bath tub, \$4; lawn, 200 sq. yds. or less, 2 cts. per yard, next 300 yds., 1½ cts., all over 500, 1 ct. per yd. Business rates: barber shops, first chair, \$5, more than one, \$4; blacksmith shops, each fire, \$3; boarding houses, minimum \$10, each room, \$1.50; butcher shops, \$15; saloons, \$12 to \$30.

Meter rates: minimum charge \$5; sliding scale, 100 to 500 gals. per day at 5 cts. per 100 gals., to 10,000 or more gals. per day at 2 cts. per 100 gals.

ONALASKA.

(Population 1,106)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rates: dwelling, six rooms or less, each family, \$4, each additional room, 20 cts.; water closets, per bowl, \$2; bath tubs, each \$1.50; lawn, 70 ft. front or less, \$4, each additional front foot, 8 cts. Business rates: barber shops, 1 chair, \$3, each additional chair, \$1.50; blacksmith shops, one fire, \$2.50, each additional fire, \$1.50; boarding houses, per room, 75 cts.; building purposes, per M brick 8 cts., per 100 sq. yds. plaster 12 cts., per cd. stone 8 cts.; saloons, \$10. No water supplied for a less sum than \$4.

OSHKOSH.

(Population 30,575)

OSHKOSH WATER WORKS Co.

Commercial service. Flat rates. Domestic rates: dwellings, faucet rate not to exceed \$1 per room; if more than six rooms, each additional faucet \$1; water closet, first, \$4, each additional, \$2; bath tub, \$2; lawn, first 200 sq. yds., \$5, next 300 sq. yds. per yd., 1.5 cts., over 50 sq. yds. 1 ct. per sq. yd. No service to be for less than \$1.25 quarterly. Business rates; all metered service.

Meter rate: minimum charge \$2 per quarter; sliding scale; 5,000 gals. or less per month 40 cts. per M, to 900,000 gals. per month 5 cts. per M.

PHILLIPS.

(Population 2,011)

PHILLIPS LIGHT, WATER, HEAT AND POWER CO.

Commercial service. Flat rates. Domestic rates: dwellings, 7 rooms or less, \$3, each additional room, 30 cts.; water closets, \$3, each additional, \$2; bath tub, \$1.50, each additional \$1.25; lawn, \$3. Business rates: barber shops, first chair, \$2.50, each additional, \$1; boarding houses, \$10 minimum, each room 25 cts.; building purposes, brick per M laid 10 cts., plaster per 100 sq. yds. 25 cts.; cigar factories, minimum \$5, per hand 50 cts.; saloons, \$10.

PLATTEVILLE.

(Population 4,438)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms, \$4.50, 5, 6 and 7 rooms, \$5, each additional, 25 cts.; water closet, \$2; bath tub, \$1; lawn, 2,500 sq. ft. or less, \$1.50, each additional 2,500 sq. ft., 50 cts. Business rates: barber shops, one chair, \$3, each additional, \$1; blacksmith shops, one fire, \$3.50, each additional fire, \$1; building purposes, brick per M 5 cts., stone per cd. 15 cts., plastering per 100 yds. 10 cts.; butcher shops, \$6; saloons, \$10.

Meter rates: minimum charge \$4; sliding scale, up to 1,000 gals. 30 cts., to 10 cts. for 10,000 gals. to 14,000 gals. per day.

PLYMOUTH.

(Population 2,764)

PLYMOUTH CITY WATER WORKS. (MUNICIPAL)

Commercial service. Meter rates: sliding scale from 30 cts. per M gals. where the daily consumption is from 100 to 300 gals., to 10 cts. per M where the daily consumption exceeds 30,000 gals.

PORTAGE.

(Population 5,524)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 2 faucets, each family \$5, each additional faucet, \$1; water closet, \$2; bath tub, \$2, each additional, \$1. Business rates: barber shops, two chairs or less, \$5, each additional chair, \$1; butcher shops, \$5 to \$10; building purposes, per M brick 7 cts., per 100 sq. yds. plaster 15 cts., per cd. stone 15 cts.; stores, first faucet, \$5, each additional, \$2; saloons, \$5 to \$15.

Meter rates: minimum charge \$5; sliding scale, 300 gals. daily consumption, per 100 gals. 5 cts., to 5,000 gals. and upward, daily, per 100 gals., 2 cts.

PRAIRIE DU CHIEN.

(Population 3,179)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: sliding scale, consumers using 500 gals. or under daily, 30 cts. per M, to consumers 2,000 to 5,000 gals. daily, 20 cts. per M. Those using over 5,000 gals., special rates.

RACINE.

(Population 32,290)

RACINE WATER CO.

Commercial service. Flat rates. Domestic rates: dwellings, 1 faucet, \$4.80, each additional, \$1.80; water closet, \$4, each additional, \$2; bath tub, each, \$3.60; lawn, \$4.80. Business rates: barber shops, first chair, \$3, each additional chair, \$1; butcher shops, \$6, with sprinkler, \$12; saloons, with beer pump, \$16, without beer pump, \$10; stores, 1 faucet, \$5.

Meter rates: sliding scale up to 1,000 gals. daily consumption, 30 cts. per M; 30,000 gals. and over, daily, 6 cts. per M.

REEDSBURG.

(Population 2,515)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: sliding scale, first 5,000 gals., 25 cts. per M gal.; over 6,000,000 gals., 7 cts. per M gal.

RHINELANDER.

(Population 5,435)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: 20 cts. for under 5,000 gals. per month, to 4 cts. per M gals. for over 300,000 gals. per month; minimum rate, where customer owns meter, \$7.50 per annum; 50 per cent additional charged where city owns meter.

RICE LAKE.

(Population 3,410)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms, \$1.25, 5 rooms, \$1.45, six rooms, \$1.70, 7 rooms, \$1.90, each additional room, 20 cts.; water closet, \$1; bath tub, 75 cts., with heating attachment, \$1; lawn, 30 ft. front or less, \$5, each additional foot, 10 cts. Business rates: barber shops, first chair and basin, \$1.50, each additional chair, 75 cts.; blacksmith shops, first fire, \$1.25, each additional fire, 50 cts.; building purposes, brick per M laid 10 cts., stone per cord 10 cts., plastering per 100 sq. yds. 15 cts.; boarding houses, minimum \$2.50, per room 35 cts.; saloons, 2 bar faucets, \$2.50, and one self-closing and one hose bar faucet, \$3.50, wash basin and self-closing faucet, 75 cts.

Meter rates: minimum charge \$5; sliding scale, daily consumption less than 200 gals. 30 cts. per M, to all above 10,000, 8 cts. per M.

RICHLAND CENTER.

(Population 2,635)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 10 rooms or less, \$5, each additional room, 50 cts.; water closets, per bowl, \$2; bath tubs, \$1; lawn, 2,000 sq. ft. \$2.50. Business rates: barber shops, \$3; blacksmith shops, \$3; boarding houses, per room, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 sq. yds. plaster 15 cts.; saloons, \$10 to \$15.

Meter rate: minimum charge \$5; sliding scale, daily consumption 100 to 300 gals. per M, 20 cts., to all over 1,000 gals., 10 cts.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO.

Commercial service. Flat rates, minimum charge \$5. Domestic rates: dwelling, 5 rooms or less, \$5, six rooms, \$6, each room over six, 50 cts.; water closet, \$4, each additional closet $\frac{1}{2}$ rate; bath tub, \$3, no charge for additional tubs; lawn, 66 ft. front, \$5, each additional ft. 7 cts. Business rates: barber shops, first chair, \$6, each additional chair, \$2; blacksmith shops, one or two fires, \$6, each additional fire, \$2; building purposes, per M brick 10 cts., stone per cord 15 cts., plaster per 100 sq. yds. 30 cts.; boarding houses per room, \$1.25; saloons, bar use, \$10, with hose-faucet, \$12.

Meter rates: minimum charge \$2 per quarter; sliding scale, up to 300 gals. per day, 20 cts. per M, to 25,000 gals. and over 6 cts. per M.

RIVER FALLS.

(Population 2,300)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 8 rooms or less, \$5, each additional room, 20 cts.; water closet, \$2; bath tub, \$2; lawn, $\frac{1}{8}$ acre, \$3. Business rates: barber shops, 3 chairs or less, \$6; blacksmith shops, 2 fires or less, \$5, each additional fire, \$1; boarding houses, six rooms or less, \$5, each additional room, 50 cts.; building purposes, no permit less than \$1, brick per M 5 cts., stone per perch 5 cts., plastering per 100 yds. 40 cts.; saloons, \$8, with residence connected, \$10.

Meter rates: monthly consumption 10,000 gals or less, 20 cts., over 10,000 gals. 15 cts.; special rates to consumers using over 20,000 gals.

SHARON.

(Population 929)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling house, per family, \$5; bath tub, \$2.50; lawn, $\frac{1}{4}$ in. nozzle, \$5,

$\frac{5}{8}$ in. nozzle, \$6, $\frac{3}{8}$ in. nozzle \$7.50. Business rates: saloons, \$12.50; livery stables, per horse, \$1.50.

Meter rates: sliding scale, first 1,000 gals. at 30 cts., to 25,000 gals. to 30,000 gals. 25 cts.

SHAWANO.

(Population 2,446)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 8 rooms or less, \$5, each additional room, 50 cts.; water closet, \$2, each additional, \$1; lawn, 60 ft. front \$3, each additional foot, 3 cts.

Meter rates: minimum charge \$1.25 per quarter; sliding scale, first 8,000 gals. during quarter, \$1.25; next 17,000 gals. at 12 cts., per M; over 25,000 at 8 cts. per M.

SHEBOYGAN.

(Population 24,026)

CITY WATER COMPANY.

Commercial service. Flat rates. Domestic service: residence of five rooms or less, \$5 per annum, each additional room, \$1; bath, \$3.50 to \$5 per annum; water closet, \$4; wash basin, \$3. Business service: banks, \$10; barber shops, \$6, each additional chair, \$4; offices, \$5; private stables, \$4; saloons, \$12 to \$30; stores, \$5 to \$20.

Meter rates; increment rate 40 cts. for first 1,000 gals., to 5 cts. for all over 1,000,000 gals.

SHELL LAKE.

(Population 1,000)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling with 1 faucet, \$6; water closet \$2; bath room, \$2; lawn, \$2. Business rates: saloons, \$12; offices, \$4; stores, \$8.

SOUTH MILWAUKEE.

(Population 5,284)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: residence, first 5 rooms, \$1 per quarter, each additional room, 12½ cts.; bath, 25 cts.; sprinkling, 6 months, \$1.50. Business rates: stores, offices, etc., 75 cts. per quarter.

Meter rates: sliding scale, first 18,000 gals. per quarter, 25 cts. per M, next 45,000 gals., 9 cts., next 45,000 gals., 7 cts. per M gals.

SPARTA.

(Population 3,807)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, six rooms or less, \$5, each additional room, 50 cts., each additional family, \$4; water closet, \$1.50, each additional, \$1; bath tub, \$1.50, each additional, \$1; lawn, where water is not used in house, 50 by 150 ft., \$5, each added foot 5 cts., if used in house 5 cts., per front foot. Business rates: barber shops, two chairs or less, \$5, each added chair, 50 cts.; blacksmith shops, \$5; boarding houses, six rooms or less, \$5, each added room, 50 cts.; building purposes, brick per M 10 cts., stone per cd. 10 cts., plaster per 100 yds. 25 cts.; saloons, \$8.

Meter rates: minimum charge \$2.50 per six months; sliding scale, 200 cu. ft. per day, per 100 cu. ft. 11 cts. to 400 to 700 cu. ft. per day per 100 cu. ft., 9 cts., and over 700 cu. ft. special rate.

SPRING VALLEY.

(Population 1,103)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling of 8 rooms or less, \$4 per annum, each additional room, 20 cts.; bath, \$2; water closet, \$2; sprinkling, ⅛ acre, \$3. Business service: barber shops, \$4; blacksmith shops, \$3 and up; boarding houses, 6 rooms or less, \$5, each additional room, 50 cts.; meat markets, \$4; offices, \$4; restaurants, \$4; saloons, \$6; stores,

\$4; building purposes, laying brick 5 cts. per M, stone 2 cts. per perch, plastering 40 cts. per 100 yds.

Meter rates: sliding scale; where monthly consumption is less than 10 M, 20 cts. per M gals.; where above 10 M, 15 cts. per M gals. Special rates given to customers using 20 M gals. or more.

STANLEY.

(Population 2,722)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: sliding scale, 100 to 300 gals. per day 25 cts. per 1,000 gals., 20,000 to 30,000 gals. per day 6 cts. per M gals.

STEVENS POINT.

(Population 9,022)

STEVENS POINT WATER Co.

Commercial service. Flat rates. Domestic rates: dwelling, 5 rooms, \$5, each additional room to 8, \$1, over 8, 50 cts., additional families, \$2; water closet, \$4, each additional bowl, \$2; bath tub, \$4; lawn, when water is used in house, \$5 for 60 ft. front, each additional foot 5 cts., when water is not used for other purposes, 10 cts. each additional ft. Business rates: barber shops, one chair, \$6, each additional chair, \$3; butcher shops, \$6 to \$12; blacksmith shops, one fire, \$4, each additional fire, \$2; building purposes, per M brick 10 cts., per perch stone 5 cts., plastering per 100 sq. yds., two coats, 10 cts.; saloons, \$10-\$12.

Meter rates: minimum charge \$5, sliding scale, 100 to 300 gals. per day, 35 cts., to all over 30,000 gals. 12½ cts.

STOUGHTON.

(Population 4,244)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 6 rooms or less, each family, \$6, each additional room, 50 cts.; water closet, per bowl, \$2.50; bath tub, \$3; lawn, 2,000 sq. ft. \$1. Business rates: barber shops, one chair, \$3, each additional, \$3; boarding houses, per room, \$1; building purposes, per M

brick 10 cts., per cd. stone 10 cts., per 100 sq. yds. plaster 15 cts.; butcher shops, \$8 to \$10; saloons, \$17.

Meter rates: minimum charge, \$6; sliding scale, 300 gals. per day, 5 cts. per 100 gals.; 5,000 gals. and upward, 2 cts. per 100 gals.

SUN PRAIRIE.

(Population 1,086)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 8 rooms or less, \$5, each additional room, 50 cts., each additional family, \$4; water closet, per bowl, \$2; bath tub, \$4, each additional tub, \$3; lawn, \$5, if water is also taken in house 5 cts. per foot. Business rates: barber shops, 2 chairs or less, \$5, each additional chair, \$1; blacksmith shops, 2 fires, \$5, each additional fire, \$1; boarding houses, six rooms or less, \$6, each additional room, 50 cts.; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 yds. plaster 25 cts.; saloons, \$5 to \$15.

Meter rates: sliding scale, 6,000 cubic ft. or less per 6 months, 30 cts. per M cu. ft.; over 60,000 cu. ft. per 6 months, 8 cts. per M cu. ft.

SUPERIOR.

(Population 36,551)

SUPERIOR WATER, LIGHT & POWER Co.

Public service. 10 hydrants to the mile, \$40 per hydrant per annum.

Commercial service. Flat rates. Domestic service: residence occupied by one family, one to four rooms, \$4.80 per annum, each additional room, 80 cts.; water closet, \$4 to \$4.80; bath, \$3.20 to \$4.00; sprinkling, first 50 sq. yds., \$0.032 per sq. yd., all over, \$0.016 per sq. yd. Business rates, per annum: bakeries, each oven, \$12 to \$25; barber shops, first chair, \$6.40, each additional chair, \$3.20; butcher shops, \$8; forges, first fire, \$3.20, each additional, \$2.40; stores, \$8 to \$16; saloons, \$9.60 to \$24; building purposes, brick per M \$.084, stone per perch \$.056, plaster per sq. yd. \$.004. All rates payable quarterly in advance and subject to a discount of 8 per cent.

Meter rates: 250 cu. ft. or less per month, \$1, discount 25 cts.; from 400 to 900 cu. ft., 30 cts. per 100 cu. ft.; all over 100,000 cu. ft., \$.06525 per 100 cu. ft.; discount 8 per cent; meter rent, 25 cts. per month.

TOMAH.

(Population 3,008)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 1 sink, \$5; water closet, \$2.50; bath, \$1; lawn, each 50 ft. lot, \$2.50. Business rates: barber shops, \$5; blacksmith shops, 1 fire, \$3.50, each additional fire, \$3; boarding houses, per room, \$1; building purposes, per M brick 5 cts., per cd. stone 5 cts., per 100 sq. yds. plastering 10 cts.; saloons, \$10.

Meter rates: 15 cts. per M gals.

TOMAHAWK.

(Population 2,626)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, \$4 per annum; water closet, \$1; bath tub, \$2. Business rates: barber shops, 1 chair, \$4, each additional chair, \$2; boarding houses, 10 rooms or less, \$6, each additional, 50 cts.; saloons, \$8.

TWO RIVERS.

(Population 4,602)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling, first faucet, \$5, with hose connection, \$10, each additional faucet, \$1, each additional family, \$4; water closet, first bowl, \$3, each additional bowl, \$2; bath tub, \$2, each additional, \$1; lawn, \$5. Business rates: barber shops, first chair, \$5, each additional chair, \$2; blacksmith shops, first fire, \$5, each additional fire, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 yds. plaster 15 cts.; boarding houses, per room, \$1; saloons, bar scrubbing and pump, \$12; bar \$5.

Meter rates: minimum charge \$6; 14 cts. per 100 cu. ft.

VIROQUA.

(Population 2,032)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, per family, \$5; water closet, each \$2; lawn, \$5; stores and offices, \$5; all other business places, meter or special rate.

Meter rates: minimum charge \$5; sliding scale, less than 1,000 gals. per day 25 cts. per M; over 1,000 gals. 15 cts.

WASHBURN.

(Population 4,924)

WASHBURN WATER WORKS Co.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms or less, \$10, each additional room, \$2; water closet, \$5; bath tubs, each \$5; lawn, 50 ft. front, \$7.50. Business rates: barber shops, each chair, \$8; blacksmith shops, each fire, \$4; boarding houses, per room, \$2.50; building purposes, brick per M 10 cts., stone per cd. 15 cts., plastering per 100 sq. yds. 25 cts.; saloons, \$25 to \$50.

Meter rates: minimum charge \$2.50 per quarter; sliding scale, daily consumption of 100 gals. 40 cts. per M, to 5,000 to 10,000 gals. per day 20 cts. per M.

WATERTOWN.

(Population 8,622)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 6 rooms or less, \$5, each additional room, 50 cts.; water closet, per bowl, \$2.50; bath tub, \$3, each additional, \$2; lawn, lot 66 ft. front, \$5, each additional front foot 6 cts. Business rates: barber shops, first chair, \$5, each additional chair, \$1; blacksmith shops, one fire, \$5, each additional fire, \$1; boarding houses, minimum \$10, per room \$1; building purposes, per M brick laid 7 cts., stone per perch 8 cts., plaster per 100 sq. yds. 30 cts.; saloons, two bar faucets, \$8-\$10, 1 faucet with hose connections, \$10-\$15.

Meter rates: minimum charge \$5; sliding scale, daily consumption 100-300 gals. per M 25 cts.; 20,000 to 30,000 gals. per M 8 cts.

WAUKESHA.

(Population 6,949)

MUNICIPAL WATER WORKS.

Public service. \$30 per hydrant per annum. Other purposes, sprinkling, schools, etc., 6 cts. per M gals.

Commercial service. Meter rates: minimum charge, dwellings, \$4-\$6; saloons, \$10; barber shops, \$4; laundries, \$10; livery stables, \$10; bakeries, \$10; sliding scale, up to 1,000 gals. per day, 30 cts.; from 5,000 to 20,000 gals. per day, 15 cts.

WAUPACA.

(Population 2,873)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 6 rooms or less, each family, \$4, each additional room, 50 cts.; water closet, per bowl, \$2; bath tub, \$2, each additional tub, \$1; lawn, per lot, 66 ft. front, \$4, each additional front foot, 4 cts. Business rates: barber shops, 3 chairs or less, \$5, each additional chair, \$1.50; blacksmith shops, \$5; building purposes, per M brick 10 cts., per ed. stone 10 cts., per 100 sq. yds. plaster 15 cts.; boarding houses, per room, \$1; saloons, \$10-\$15.

Meter rates: minimum charge, \$5; sliding scale, 10,000 gals. or less per 6 months, 25 cts.; to over 170,000 gals. per 6 months, \$27.50.

WAUPUN.

(Population 3,111)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 5 rooms or less, 1 faucet, \$5, additional families, \$4 per family; water closet, per bowl, \$3; bath tub, \$1; lawn, 2,000 sq. ft., \$5. Business rates: barber shops, 1 chair, \$5; building purposes, per M brick 10 cts., per ed. stone 10 cts., per 100 sq. yds. plaster 15 cts.; stores, \$5; saloons, \$8.

Meter rates: minimum charge \$7; sliding scale, first 17,000 gals., 40 cts. per M gals.; to all over 37,000 gals., 15 cts. per M gals.

WAUSAU.

(Population 14,458)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms or less, \$5, each additional room, 50 cts., each additional family, \$4; water closet, per bowl, \$2.50; bath tub, per tub, \$3; lawn, 60x120 ft. lot with house on it, \$1, each additional lot \$1. Business rates: barber shops, 1 chair, \$3, each additional, \$2; blacksmith shops, 1 fire, \$3, each additional, \$1.50; building purposes, per M brick 10 cts., per cd. stone 15 cts., per 100 sq. yds. plaster 15 cts.; boarding houses, per room, \$1; saloons, \$10.

Meter rates: minimum charge for 100 gals. per day; sliding scale, less than 300 gals. per day, 5 cts. per 100; to 5,000 gals. and upward, 2 cts. per 100.

WEST BEND.

(Population 2,362)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: manufacturers, 8 cts. per M gals.; domestic and other purposes, 12 cts. per M gal.; minimum rate, \$1.25 per quarter; fine of 10 per cent added for failure to pay before the 10th.

WESTBY.

(Population 767)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, \$5; water closet, \$3. Business rates: barber shops, \$5; saloons in connection with hotel, \$10.

Meter rates: minimum charge, \$5; sliding scale, under 500 gals. daily, 40 cts. per M gals.; 500-1,000 gals. daily at 35 cts. per M gals.

WHITEHALL.

(Population 700)

MUNICIPAL WATER WORKS.

Commercial service. Water committee assesses tax. Assessment roll on file.

WHITEWATER.

(Population 3,108)

WHITEWATER WATER WORKS CO.

Public service. 96 double nozzle hydrants, city schools, 2 public fountains, 3 water troughs, 2 drinking fountains, at \$4,000 per year, each additional fire hydrant, \$33.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms or less, \$1.25, each additional room, 25 cts.; water closet, \$1; bath tub, \$1; lawn, 50 ft. front or less, \$5, each additional front foot, 7 cts. Business rates: barber shops, first chair, \$1.50, each additional, 75 cts.; blacksmith shops, first fire, \$1.50, each additional fire, 50 cts.; boarding houses, minimum \$2.50, per room 35 cts.; saloons, \$3-\$5; stores, 1 basin and faucet, \$2, with hose connection, \$2.50.

Meter rates: sliding scale, daily consumption 100 to 1,000 gals. 50 cts. per M, to 20 cts. per M for 5,000 to 10,000 gals. per day.

V. Telephone Rates.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908.
Wisconsin Telephone Co. only.

LOCATION OF EXCHANGE.	Radius from central within which effective. Miles.	BUSINESS.						RESIDENCE.						
		One party lines.	Two party lines.	Four party lines.	Eight party lines.	Receiving business lines.	Extension business tel.	One party lines.	Two party lines.	Four party lines.	Eight party lines.	Extension residence tel.	Extension residence desk tel. (no bell.)	Extension residence wall tel. (special.)
Algoma.....	1	\$30 00		\$24 00		\$15 00	\$12 00	\$18 00		\$12 00		\$9 00	\$7 80	\$6 00
Appleton.....	1½	48 00	\$36 00	27 00		24 00	12 00	36 00	\$30 00	24 00	\$12 00	9 00	7 80	6 00
Ashland.....	1½	48 00	36 00	27 00		24 00	12 00	36 00	24 00		12 00	9 00	7 80	6 00
Bayfield.....	1	30 00		24 00	\$18 00	15 00	12 00	18 00	12 00	9 00		9 00	7 80	6 00
Beaver Dam.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Brookfield.....	1	30 00				15 00	12 00	18 00				9 00	7 80	6 00
Burlington.....	1	30 00		24 00		15 00	12 00	18 00				9 00	7 80	6 00
Burnett Junction.....	1	30 00				15 00	12 00	18 00				9 00	7 80	6 00
Cedarburg.....	1	30 00		24 00		15 00	12 00	18 00				9 00	7 80	6 00
Chippewa Falls ¹	1½	48 00	36 00	27 00		24 00	12 00	24 00	18 00			9 00	7 80	6 00
Columbus.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Corliss.....	½	30 00	24 00			15 00	12 00	24 00	18 00			9 00	7 80	6 00
Darlington.....	1	30 00		24 00	12 00	15 00	12 00	18 00		12 00	9 00	9 00	7 80	6 00
Delavan.....	1	30 00		24 00		15 00	12 00	18 00		9 00	\$6 00	9 00	7 80	6 00
De Pere ²	1	36 00	24 00			18 00	12 00	24 00	18 00			9 00	7 80	6 00
Eau Claire ¹	1½	48 00	36 00	27 00		24 00	12 00	24 00	18 00			9 00	7 80	6 00
Elkhorn.....	1	30 00		24 00		15 00	12 00	18 00				9 00	7 80	6 00
Fond du Lac ²	1½	42 00	30 00			24 00	12 00	24 00	18 00			9 00	7 80	6 00
Fort Atkinson.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Genoa Junction.....	1	48 00		24 00		24 00	12 00	36 00		18 00		9 00	7 80	6 00
Green Bay ²	1½	42 00	30 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Green Lake.....	1	30 00		24 00		15 00	12 00	18 00				9 00	7 80	6 00
Hartford.....	1	30 00	24 00	18 00		15 00	12 00	18 00	15 00			9 00	7 80	6 00
Hartland.....	1	36 00	30 00			18 00	12 00	24 00	18 00			9 00	7 80	6 00
Horicon.....	1	30 00		\$24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00

¹ Discount of 50 cents per month on 1 and 2 party residence phones. ² Discount of 50 cents per month on 1 and 2 party residence and business phones.
³ Six party line. ⁴ Four party lines, code ringing, \$18.00.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908—Continued.

Wisconsin Telephone Co. only.

LOCATION OF EXCHANGE.	Radius from central within which effective. Miles.	BUSINESS.						RESIDENCE.						
		One party lines.	Two party lines.	Four party lines.	Eight party lines.	Receiving business lines.	Extension business tel.	One party lines.	Two party lines.	Four party lines.	Eight party lines.	Extension residence tel.	Extension residence desk tel. (no bell.)	Extension residence wall tel. (special.)
Hortonville.....	1	\$30 00	.....	\$24 00	.....	\$15 00	\$12 00	\$18 00	.....	\$12 00	.....	\$9 00	\$7 80	\$6 00
Hurley.....	1	36 00	\$30 00	24 00	.....	18 00	12 00	18 00	\$15 00	.....	.....	9 00	7 80	6 00
Janesville.....	1½	36 00	30 00	18 00	.....	18 00	12 00	24 00	18 00	12 00	.....	9 00	7 80	6 00
Jefferson.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Juneau.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Kaukauna.....	1	36 00	30 00	.....	.....	18 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Kewaunee.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
La Crosse.....	2½	36 00	30 00	24 00	.....	18 00	12 00	24 00	21 00	18 00	\$12 00	9 00	7 80	6 00
Lake Geneva.....	1	42 00	33 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Lancaster.....	1	30 00	24 00	.....	.....	15 00	12 00	24 00	18 00	12 00	.....	9 00	7 80	6 00
Lima Center.....	1	30 00	24 00	.....	.....	15 00	12 00	18 00	12 00	.....	.....	9 00	7 80	6 00
Madison ² City limits	1	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Manitowoc.....	1	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Marinette ³	2	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Mayville.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Menomonie ³	1½	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Milwaukee..... City limits.	1	96 00	72 00	.....	.....	21 00	12 00	42 00	36 00	30 00	.....	9 00	7 80	6 00
Neenah-Menasha.....	1	48 00	36 00	27 00	.....	24 00	12 00	36 00	30 00	24 00	12 00	9 00	7 80	6 00
New London.....	1	18 00	.....	12 00	.....	.....	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Oconomowoc.....	1	36 00	30 00	.....	.....	18 00	12 00	24 00	18 00	12 00	.....	9 00	7 80	6 00
Oconto.....	1	30 00	24 00	.....	.....	15 00	12 00	18 00	15 00	.....	.....	9 00	7 80	6 00
Oconto Falls.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Omro.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Oshkosh.....	1½	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Peshigo.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	.....	.....	.....

¹ 4 party business—\$18.00 on grounded circuit.² Also within radius of 1½ miles of center of North La Crosse.³ Discount of 50 cents per month

on 1 and 2 party residence and business phones.

Port Washington.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	15 00	12 00	.....	9 00	7 80	6 00
Princeton.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Racine.....	1 ¹	42 00	30 00	18 00	.....	21 00	12 00	24 00	18 00	12 00	.....	9 00	7 80	6 00
St. Martins.....	1	24 00	.....	.....	.....	12 00	12 00	24 00	.....	.....	.....	9 00	7 80	6 00
Shawano.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Shullsburg.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
South Milwaukee.....	1	30 00	24 00	.....	.....	15 00	12 00	18 00	12 00	.....	.....	9 00	7 80	6 00
Stanley.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Stevens Point.....	1	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Stoughton.....	1	30 00	24 00	.....	.....	15 00	12 00	18 00	12 00	.....	.....	9 00	7 80	6 00
Sturgeon Bay.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Washburn.....	1	42 00	33 00	24 00	18 00	21 00	12 00	30 00	27 00	9 00	.....	9 00	7 80	6 00
Watertown.....	1	42 00	30 00	24 00	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Waukesha.....	1	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	6 00
Waupun ¹	1	12 00	.....	.....	.....	.....	12 00	12 00	.....	.....	.....	9 00	7 80	6 00
West Bend.....	1	30 00	24 00	18 00	.....	15 00	12 00	18 00	15 00	.....	.....	9 00	7 80	6 00
Whitewater.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	6 00
Winneconne.....	1	12 00	.....	.....	.....	.....	12 00	12 00	.....	.....	.....	9 00	7 80	6 00

¹ 1 party business and residence lines on grounded circuit.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908.—Continued.

Wisconsin Telephone Co. only.

LOCATION OF EXCHANGE.	Rural rates for new subscribers to be connected with existing rural lines.	PRIVATE BRANCH EXCHANGE TYPE NO. 1. (With operator.)					PRIVATE BRANCH EXCHANGE TYPE NO. 2. (No operator.)				
		Switch-board operator's set and power.	Talking trunk lines.	Receiving trunk lines.	Each sta. in same building as switch-board.	Each sta. outside of building within $\frac{1}{4}$ mile of switchb'd.	Talking trunk lines.	Receiving trunk lines.	Each sta. in same building as main telephone.	Each sta. outside of building within 300 feet of switchb'd.	Power.
Algoma.....		\$50 00	\$30 00	\$24 00	\$12 00	\$18 00	\$30 00	\$24 00	\$18 00	\$27 00	\$20 00
Appleton.....	\$15 00	50 00	36 00	24 00	12 00	18 00	36 00	24 00	18 00	27 00	20 00
Ashland.....	15 00	50 00	36 00	24 00	12 00	18 00	36 00	24 00	18 00	27 00	20 00
Bayfield.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Beaver Dam.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Brookfield.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Burlington.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Burnett Junction.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Cedarburg.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Chippewa Falls.....	15 00	50 00	36 00	24 00	12 00	18 00	36 00	24 00	18 00	27 00	20 00
Columbus.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Corliss.....	18 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Darlington.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Delavan.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
DePere.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Eau Claire ¹	15 00	50 00	36 00	24 00	12 00	18 00	36 00	24 00	18 00	27 00	20 00
Elkhorn.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Fond du Lac.....	18 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Fort Atkinson.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Genoa Junction ²	18 00	50 00	36 00	24 00	12 00	18 00	36 00	24 00	18 00	27 00	20 00
Green Bay.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Green Lake.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Hartford ³	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Hartland.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Horicon.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00

¹ \$30.00 for a 4 party rural business line.² \$36.00 for a 4 party rural business line.³ \$18.00 for business station on rural line.

Hortonville.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Hurley.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Janesville.....	18 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Jefferson.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Juneau.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Kaukauna.....	15 00	50 00	70 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Kewaunee.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
La Crosse.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Lake Geneva.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Lancaster.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Lima Center.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Madison.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Manitowoc.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Marinette.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Mayville.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Menomonie.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Milwaukee.....		48 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Neenah-Menasha.....	15 00	50 00	36 00	24 00	12 00	18 00	36 00	24 00	18 00	27 00	20 00
New London.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oconomowoc.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oconto.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oconto Falls.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Omro.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oshkosh.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Peshigo.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Port Washington.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Princeton.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Racine.....	18 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
St. Martins.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Shawano.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Shullsburg.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
South Milwaukee.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Stanley.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Stevens Point.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Stoughton.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Sturgeon Bay.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Washburn.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Watertown.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Waukesha.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Waupun.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
West Bend.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Whitewater.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Winneconne.....		50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00

¹\$18.00 for a business station on rural line.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908.—Concluded.

Wisconsin Telephone Co. only.	
ALL WISCONSIN EXCHANGES.	
HOTEL SYSTEM:	
Trunk lines.....	Free.
Power.....	"
Switchboard.....	"
Incoming calls.....	"
Each station on hotel premises.....	\$3 60 per annum.
Outgoing messages 5 cts. each, of which proprietor receives 50% and the Telephone Company 50%.	
In addition to the above the hotel proprietor provides the wire between the switchboard and the stations on the premises.	
JOINT SUBSCRIBERS.....	\$12 00
EXTRA LISTING:	
(Applies to state exchanges outside of Milwaukee)	
Member same firm, same business, 25 cts. a month.	
Any individual residing at a residence, 25 cts. a month.	
SPRING JACKS:	
Actual cost of installing and annual maintenance of \$1 00 for not more than four jacks; \$1 50 for not more than seven jacks and \$2 00 for not more than ten jacks.	
PRIVATE LINES:	
Per mile (line only).....	\$24 00
Each station on line.....	5 00
MISCELLANEOUS EXTRA EQUIPMENT:	
Ordinary extension bell.....	\$1 80
Extension bell with switch.....	3 00
Extension bell with switch and four inch gong.....	4 20
Extension bell with switch and six inch gong.....	6 00
Cam Lever switch.....	3 00
Each additional switch.....	1 80

* * *

PROGRESSIVE SCHEDULE OF CHARGES FOR EXCESS LINE BEYOND THE RADIUS OF EXCHANGES.

Distance beyond exchange radius.	Annual rate for each quarter mile beyond exchange radius.	
	One party line.	Four party line.
1st quarter mile.....	\$6 00	\$1 50
2nd " ".....	12 00	3 00
3rd " ".....	18 00	4 50
4th " ".....	24 00	6 00
5th " ".....	31 50	7 88
6th " ".....	39 00	9 75
7th " ".....	46 50	11 63
8th " ".....	54 00	13 50
9th " ".....	63 00	15 75
10th " ".....	72 00	18 00
11th " ".....	81 00	20 25
12th " ".....	90 00	22 50
13th " ".....	100 50	25 13
14th " ".....	111 00	27 75
15th " ".....	121 50	30 38
16th " ".....	132 00	33 00
17th " ".....	144 00	36 00
18th " ".....	156 00	39 00
19th " ".....	168 00	42 00
20th " ".....	180 00	45 00

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907.

Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.					Other kinds.
			One party.	Two party.	Bus. and res.	Three party.	Four party.	
Abbotsford	Abbotsford Elec. Light & Tel. Co.	Bell	\$1 50					
Abrams	Robert C. Faulds	Bell	2 00					
Adney	Elmwood Farmers Tel. Co.	Ind.						
Albany	United Tel. Co.	Bell	1 50					
Algoma	Farmers Lake Shore Tel., Traction & El. P. Co.	Bell						
Allenton	Allenton-Addison Tel. Co.	Bell					\$1 00	
Allenton	Allenton-Kohlsville Tel. Co.	Bell	1 00	\$1 00			1 00	
Alma	Fountain City Tel. Co.	Bell	2 00					
Alma	Tenney Tel. Co.	Ind.	1 25					
Alma Center	Central Wisconsin Tel. Co.	Bell	2 00					
Almena	Barron County Tel. Co.	Bell					1 00	
Almond	Almond Tel. Co.	Ind.	1 00	1 00				
Amery	Amery Electric Tel. Co.	Ind.	1 50					
Amherst	Amherst Tel. Co.	Ind.	1 00					
Antigo	Antigo Tel. Co.	Bell	2 50					
Appleton	Fox River Valley Tel. & Teleg. Co.	Ind.	2 50	2 25				1 ¹ \$1 00
Arcadia	Western Wisconsin Tel. Co.	Ind.	2 ² 08					
Arlington	Poynette Tel. Co.	Bell	1 00					
Argyle	Argyle Tel. Co.	Ind.	1 50					
Arkansaw	Arkansaw Tel. Co.	Ind.	1 00	1 00				
Ashland	Ashland Home Tel. Co.	Ind.	2 50	2 00				
Athens	Athens Tel. Co.	Ind.	1 50					
Augusta	J. L. Ball Tel. Co.	Bell	1 25		\$1 75			
Avooca	Avooca & Muscoda Farmers Tel. Co.	Ind.	1 50					
Baldwin	Baldwin Tel. Exc.	Bell	1 50					
Bancroft	Union Tel. Co.	Bell						
Bangor	Bangor Tel. Co.	Ind.	1 00					
Baraboo	Baraboo Tel. Co.	Bell	2 00					
Barre Mills	La Crosse Interurban Tel. Co.	Ind.						
Barron	Barron County Tel. Co.	Bell	1 25					

¹ 15 party line.

² A rate of \$1.25 is also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.					Other kinds.
			One party.	Two party.	Bus. and res.	Three party.	Four party.	
Beetown.....	Farmers Tel. Co. of Beetown.....	Ind						
Belleville.....	Belleville Tel. Co.....	Ind	\$1 50					
Belleview.....	Brown County Tel. Co.....	Bell						
Beloit.....	Beloit Home Tel. Co.....	Bell	3 50	\$3 00				
Beloit.....	Beloit Farm Tel. Co.....	Ind						
Bennett Switch.....	Almond Tel. Co.....	Ind	1 00	1 00				
Benton.....	Farmers Tel. Co. of Beetown.....	Ind						
Berlin.....	Waushara Tel. Co.....	Bell	3 00	2 50			\$1 50	
Big Bend.....	Prospect, Guthrie & Big Bend Tel. Co.....	Bell						
Big Flats.....	Kilbourn-Friendship Tel. Co.....	Bell						
Birchwood.....	Barron County Tel. Co.....	Bell				1 25		
Birnamwood.....	Birnamwood Tel. Co.....	Bell	1 50					
Black Earth.....	Black Earth Tel. Co.....	Ind	1 25					
Black River Falls.....	Central Wis. Tel. Co.....	Bell	2 00					
Blaine.....	Almond Tel. Co.....	Ind						
Blair.....	Central Wis. Tel. Co.....	Bell	2 00					
Blair.....	Western Wis. Tel. Co.....	Ind	52 08					\$1 00
Blanchardville.....	United Tel. Co.....	Bell	1 50					
Bloomer.....	Bloomer Tel. Co.....	Ind	1 50		\$1 25			42 00
Bloomington.....	Farmers Tel. Co. of Beetown.....	Ind						
Boscobel.....	Boscobel Tel. Co.....	Bell	1 50	1 50	1 00		1 50	1 50
Boyceville.....	Knapp Tel. Co.....	Bell	2 08					
Boyd.....	Cadott Tel. Co.....	Ind	1 00					
Briggsville.....	Briggsville & Big Springs Tel. Co.....	Ind	1 25	85				
Brillion.....	Eastern Wis. Tel. Co.....	Bell	51 50					
Bristol.....	Bristol Tel. Co.....	Ind						
Brodhead.....	Brodhead Tel. Co.....	Ind	1 50					
Brooklyn.....	Brooklyn Tel. Co.....	Ind	1 50					
Burkhardt.....	Hudson Prairie Tel. Co.....	Ind						
Butternut.....	Glidden Tel. Co.....	Ind	1 50					

¹ Rate given is for metallic circuit; grounded circuit, \$2.00.
³ 15 party line.

⁴ 2 joint subscribers.

² Rate given is for metallic circuit; grounded circuit, \$1.75.

⁵ A rate of \$1.25 is also quoted.

⁶ Grounded.

Cadott.....	Cadott Tel. Co.....	Ind.	1 50					
Cambria.....	Peoples Tel. Co.....	Bell.	1 00					
Cambria.....	Cambria Co-op. Tel. Co.....	Ind.	33 ¹	33 ¹				133 ¹
Cambria.....	Farmers Mutual Tel. Co.....	Ind.						
Cambridge.....	Cambridge Tel. Co.....	Ind.	1 00					
Cameron.....	Barron County Tel. Co.....	Bell.	1 50					
Campbellsport.....	Theresa Union Tel. Co.....	Bell.	1 00	75		\$0 75		385
Camp Douglas.....	Juneau Elec. Co.....	Ind.	1 50					
Caroline.....	Farmers Independent Tel. Co.....	Ind.						
Casco.....	Casco & Brussels Tel. Co.....	Bell.	2 25				1 50	51 00
Cashton.....	Cashton Tel. Co.....	Ind.	41 25	1 00			1 00	
Cassville.....	Farmers Tel. Co. of Beetown.....	Ind.						
Cazenovia.....	Peoples Tel. Co.....	Ind.	1 00	for all p	hones.			
Cedar Grove.....	Cedar Grove Tel. Co.....	Bell.	1 00	1 00				1 00
Centerville.....	Western Wis. Tel. Co.....	Ind.	1 25					51 00
Chetek.....	Chetek Rural Tel. Co.....	Bell.	41 50		2 00			
Chilton.....	Eastern Wis. Tel. Co.....	Bell.	61 50					
Chippewa Falls.....	Chippewa County Tel. Co.....	Ind.	2 50				2 00	
Clarno.....	West Clarno Tel. Co.....	Bell.						
Clear Lake.....	Clear Lake Tel. Co.....	Ind.	1 50	1 50				
Cleghorn.....	Shaw Tel. Co.....	Bell.						
Clinton.....	Clinton Tel. Co.....	Ind.	2 00		1 25			
Clintonville.....	Marion & Northern Tel. Co.....	Bell.	1 75	1 75				
Clintonville.....	Town Line Farmers Ind. Tel. Ass'n	Ind.						
Clyman.....	Clyman Tel. Co.....	Bell.						
Colby.....	Colby Tel. Co.....	Bell.	1 50					
Colfax.....	I. O. Anderson Tel. Co.....	Bell.	1 50					
Coloma.....	Coloma Tel. Co.....	Bell.	83 ¹					
Coloma Corners.....	Coloma Tel. Co.....	Bell.	83 ¹					
Coloma Station.....	Westfield Farmers Tel. Co.....	Bell.	83 ¹					
Coon Valley.....	La Crosse Interurban Tel. Co.....	Ind.	1 00					
Corliss.....	Citizens Tel. Co.....	Ind.						
Crandon.....	Crandon Tel. Co.....	Ind.	2 00					
Cross Plains.....	Pine Bluff Tel. Co.....	Ind.						
Cumberland.....	Cumberland Tel. Co.....	Bell.	1 50					1 50
Dallas.....	Dallas Tel. Co.....	Ind.	1 00					
Darien.....	Darien Tel. Co.....	Ind.	1 50					
Darlington.....	Darlington Rural Tel. Co.....	Bell.						

¹ 3 party line.

⁴ A rate of \$1.00 is also quoted.

² 7 to 9 party line.

⁵ 15 party line.

³ 8 party line.

⁶ A rate of \$1.25 is also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and Res.	Three party.	Four party.	Six party.	Other kinds.
Dausman.....	Eagle Tel. Co.....	Bell.....	\$2 00	\$1 75			\$1 50		\$1 25
Deerfield.....	Deerfield Tel. Co.....	Ind.....							
De Forest.....	Columbia County Tel. Co.....	Ind.....							
De Forest.....	Poynette Tel. Co.....	Bell.....	1 00						
Delavan.....	Walworth County Tel. Co.....	Ind.....	2 00						
De Pere.....	Fox River Valley Tel. & Teleg. Co.....	Ind.....	2 50	2 00					
Dodgeville.....	New Union Tel. Co.....	Bell.....	1 50						
Dorchester.....	Lapp & Sturner.....	Bell.....	1 50						
Dotyville.....	Eastern Fond du Lac County Tel. Co.....	Bell.....							4 1 25
Downing.....	Knapp Tel. Co.....	Bell.....	2 08						
Durand.....	Durand Light & Power Co.....	Bell.....	2 00	1 50			1 50		
Eagle.....	Eagle Tel. Co.....	Bell.....	2 00	1 75			1 50		1 25
Eagle Point.....	Chippewa County Tel. Co.....	Ind.....							
Earl.....	Earl Tel. Co.....	Bell.....	1 00						
Easton.....	Kilbourn & Friendship Tel. Co.....	Bell.....	1 00	1 00					
East Troy.....	Eagle Tel. Co.....	Bell.....	2 00	1 75			1 50		1 25
Eau Claire.....	Eau Claire County Tel. Co.....	Bell.....	2 00					\$1 50	
Eau Galle.....	Eau Galle Tel. Co. ¹	Ind.....	2 00						
Eden.....	Eastern Fond du Lac County Tel. Co.....	Bell.....							
Edgar.....	Edgar Tel. Co.....	Bell.....	1 50						
Edgerton.....	Edgerton Tel. Co.....	Bell.....	2 00						
Eland Junction.....	Hatley Tel. Co.....	Bell.....	1 25		\$1 25				
Eleva.....	Osseo Tel. Co.....	Bell.....	2 00						
Elkhart Lake.....	Eastern Wis. Tel. Co.....	Bell.....	2 1 66						
Elkhorn.....	F. W. Lean.....	Bell.....							
Elkhorn.....	State Long Distance Tel. Co.....	Ind.....	2 00						
Ellsworth.....	Pierce County Tel. Co.....	Ind.....	3 2 50						
Elmwood.....	Highland Tel. Co. ⁵	Ind.....	4 1 25						
Elroy.....	Elroy Tel. Co.....	Bell.....	1 50						

¹ Stockholders 25 to 75 cts.⁴ Rate of \$1.00 also quoted.² A rate of \$1.25 also quoted.⁵ Free to stockholders.³ Rates quoted \$1.00 to \$2.50.

Embarass	Matteson Tel. Co.	Bell	1 00					
Ettrick	Ettrick Tel. Co.	Ind.	1 25					⁴ 1 00
Ettrick	Western Wis. Tel. Co.	Ind.	2 08		1 04			
Evansville	Evansville Tel. Exc.	Bell	2 00	1 50				
Fairchild	Central Wis. Tel. Co.	Bell	2 00					
Fairchild	N. C. Foster Lumber Co.	Ind.	1 00					
Fairchild	Shiocton Tel. Co.	Bell						
Fairwater P. O.	Green Lake Tel. Co.	Bell						
Fall Creek	Ludington Tel. Co.	Bell	1 00	1 00				
Fall River	Peoples' Tel. Co. ²	Bell	1 00					
Fennimore	Fennimore Tel. Co.	Bell	1 50					
Fifield	J. E. Feeley	Bell	1 50					
Florence	Mich. State Tel. Co.	Bell	2 00	1 75				⁵ 3 00
Fond du Lac Town	Woodhull Tel. Co.	Bell						
Footville	Footville Tel. Co.	Ind.	1 00					
Forestville	Algoma Farmers' Tel. Co.	Bell						
Fort Atkinson	Jefferson Tel. Co.	Bell	1 75					
Fountain City	Fountain City Tel. Co.	Bell	2 00					
Fox Lake	Peoples' Tel. Co.	Bell	1 00					
Frederick	Tri-State Tel. Co.	Ind.	1 50	1 00				
Freistadt	Freistadt-Cedarburg Tel. Co.	Bell						
Fremont	Fremont Tel. Co.	Bell						
Friendship	Kilbourn-Friendship Tel. Co.	Bell						
Galesville	Western Wis. Tel. Co.	Ind.	1 25					⁴ 1 00
Gardner	Sturgeon Bay & Gardner Tel. Co.	Bell	2 25					
Genesee Depot	Eagle Tel. Co.	Bell	2 00	1 75		1 50		1 25
Glenhaven	Farmers' Tel. Co. of Beetown	Ind.						
Glenwood	West Wis. Tel. Co.	Bell	1 50	1 50				
Glidden	Glidden Tel. Co.	Ind.	1 50					
Gotham	Lone Rock Tel. Co.	Ind.				1 00		⁶ 1 00
Grafton	Grafton Tel. Co.	Bell	1 50					
Grand Rapids R. F. D.	Cranmoor Tel. Co.	Ind.						
Grand Rapids	Wood County Tel. Co.	Bell	3 00					
Granton	Badger State Tel. & Teleg. Co.	Bell	³ 3 00					
Grantsburg	Tri-State Tel. Co.	Ind.	2 00	1 50				
Gratiot	Lafayette Tel. Co.	Ind.						
Green Bay	Fox River Valley Tel. & Teleg. Co.	Ind.	2 50	2 00				
Greenbush	Hulls Crossing Farmers Tel. Co.	Bell						
Greenwood	Greenwood Tel. Co.	Ind.	2 00					
Hammond	Hammond Tel. Co.	Ind.	50					

¹ Rate of \$1.04 also quoted.

⁴ 15 party line.

² Net Rural \$1.25

⁵ Rate of \$2.00 also quoted.

³ A rate of \$1.50 also quoted.

⁶ 8 party line.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL, 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.	Other kinds.
Hancock.....	Union Tel. Co.....	Bell.....							
Harrisville.....	Westfield Farmers Tel. Co.....	Bell.....	\$0 83 ¹ / ₂						
Hatley.....	Hatley Tel. Co.....	Bell.....	1 25		\$1 25				
Hebron, Ill.....	Farmers New Era Tel. Co.....	Bell.....	4 00				\$2 00	\$2 00	
Highland.....	Individual Tel. Co.....	Ind.....	1 00	\$1 00	1 00	\$1 00	1 00	1 00	\$1 00
Highland.....	New Union Tel. Co.....	Bell.....	1 50		1 00				
Hilbert.....	Eastern Wis. Tel. Co.....	Bell.....	11 50						
Hilbert.....	Stockbridge & Sherwood Tel. Co.....	Bell.....							
Hillsboro.....	Hillsboro Tel. Co.....	Bell.....	1 50						
Hixton.....	Central Wis. Tel. Co.....	Bell.....	2 00						
Holcombe.....	Chippewa County Tel. Co.....	Ind.....							
Hollandale.....	Barneveld & Hollandale Tel. Line.....	Ind.....	1 00						
Hollandale.....	Hollandale Tel. Co.....	Ind.....							
Hubertus.....	Richfield, Hubertus & Holy Hill Tel. Co.....	Bell.....							
Hudson.....	Northwestern Tel. Exc. Co.....	Bell.....	3 00	2 50					
Humbird.....	Central Wis. Tel. Co.....	Bell.....	2 00						
Huron.....	Yellow River Tel. Co.....	Ind.....							
Hurricane.....	Farmers Tel. Co. of Beetown.....	Ind.....							
Hustisford.....	Eureka Tel. Co.....	Bell.....	1 65					1 25	\$1 25
Independence.....	Western Wis. Tel. Co.....	Ind.....	1 25						\$1 00
Iola.....	Scandinavia Tel. Co.....	Bell.....							
Iron River.....	Iron River Water, Light & Power Co.....	Bell.....	2 00						
Ironton.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones				
Ithaca.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones				
Jackson.....	Jackson Tel. Co.....	Bell.....							
Janesville.....	Rock County Tel. Co.....	Ind.....	43 00	2 00					
Jim Falls.....	Chippewa County Tel. Co.....	Ind.....							
Jimtown.....	Elmwood Farmers Tel. Co.....	Ind.....							
Juda.....	Jefferson Tel. Co.....	Bell.....	1 10				1 10		
Keene.....	Union Tel. Co.....	Bell.....							

¹ A rate of \$1.25 also quoted.

² 8 party line.

³ 15 party line.

⁴ A rate of \$2.50 also quoted.

Kendalls.....	Elroy Tel. Co.....	Bell.....	1 50						
Kenosha.....	Kenosha Home Tel. Co.....	Bell.....	3 50	2 50					
Kewaskum.....	Theresa Union Tel. Co.....	Bell.....	1 00	75	75	75	75	75	75
Kewaunee.....	Louis Meyers.....	Bell.....							
Kiel.....	Eastern Wis. Tel. Co.....	Bell.....	² 1 50	1 25			1 00		
Kilbourn.....	Farmers Inter-County Mutual Tel. Co. ¹	Bell.....	² 1 00						
Kingston.....	Kingston Tel. Co.....	Ind.....		1 00					
Klevenville.....	Pine Bluff Tel. Co.....	Ind.....							
Knapp.....	Knapp Tel. Co.....	Bell.....	2 08						³ 1 00
La Crosse.....	Interstate Tel. Co.....	Ind.....	2 50	2 00		1 50			
La Crosse.....	La Crosse Tel. Co.....	Ind.....	3 00	2 50			2 00	2 50	
La Crosse.....	La Crosse Interurban Tel. Co.....	Ind.....							
La Crosse.....	Smith-Coulee Tel. Co.....	Bell.....							
La Farge.....	La Farge Tel. Co.....	Bell.....	1 00						
La Grange.....	Eagle Tel. Co.....	Bell.....	2 00	1 75			1 50		1 25
Lamartine, Town.....	Woodhull Tel. Co.....	Bell.....							
Lake Mills.....	Interurban Tel. Co.....	Ind.....	1 25	1 25					
Lambert.....	Reynolds & Lambert Tel. Co.....	Bell.....							
Lancaster.....	Farmers Tel. Co. of Beetown.....	Ind.....							
Larabee.....	Larabee Tel. Co.....	Bell.....							
La Valle.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones				
Leeds, Town.....	Columbia County Tel. Co.....	Ind.....							
Lena.....	Farmers & Merchants Tel. Co.....	Bell.....							
Lime Ridge.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones				
Lincoln, Town.....	Dr. F. L. Wood.....	Bell.....							
Livingston.....	Grant County Tel. Co.....	Ind.....							
Lodi.....	Lodi Tel. Co.....	Bell.....	³ 1 00						
Logansville.....	Logansville Tel. Co.....	Ind.....							
Lomira.....	Theresa Union Tel. Co.....	Bell.....							
Lone Rock.....	Lone Rock Tel. Co.....	Ind.....					1 00		⁴ 1 00
Loyal.....	York Center Tel. Co.....	Ind.....							
Loyal.....	Loyal Tel. Co.....	Ind.....	1 50						
Loyd.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones				
Luck.....	Tri-State Tel. Co.....	Ind.....							
Luxemburg.....	Luxemburg Tel. Co.....	Bell.....		2 25					
Madison.....	Dane County Rural Tel. Co.....	Ind.....							
Madison.....	Dane County Tel. Co.....	Ind.....	2 75	2 00			1 50		⁴ 4 50
Maiden Rock.....	Pepin Tel. Co.....	Bell.....	1 50						
Manitowoc.....	Manitowoc & Northern Tel. Co.....	Ind.....							

¹ Reduced rate to stockholders.
⁴ 8 party line.

² A rate of \$1.25 also quoted.
⁵ A rate of \$3.50 also quoted.

³ A rate of \$1.50 also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
 Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.	Other kinds.
Manawa.....	Manawa Tel. Co.....	Ind.....	\$1 50						
Mapleton.....	Badger Tel. Co.....	Bell.....							
Marathon.....	Marathon City Tel. Co.....	Ind.....							
Marion.....	Marion & Northern Tel. Co.....	Bell.....	1 50	\$1 50					
Markesan.....	Markesan Tel. Co.....	Bell.....	2 00	1 50	\$2 25				
Marshfield.....	Marshfield Tel. Exc.....	Bell.....	2 50	2 00					
Mauston.....	Mauston Elec. Service Co.....	Bell.....	1 50						
Mazomanie.....	Mazomanie Tel. Co.....	Bell.....	1 25						
McFarland.....	Peoples Tel. Co. of Dane County.....	Bell.....	1 00						
Medford.....	Medford Tel. Exc.....	Ind.....	2 00		2 50				\$1 50
Mellen.....	Ashland Home Tel. Co.....	Ind.....	2 00						
Melrose.....	Central Wis. Tel. Co.....	Bell.....	2 00						
Menomonee Falls.....	Menomonee Falls Tel. Co.....	Bell.....	1 10						
Mequon.....	Mequon Tel. Co.....	Bell.....							
Merrill.....	Merrill Tel. Co.....	Bell.....	1 30	2 50					
Merrillan.....	Central Wis. Tel. Co.....	Bell.....	2 00						
Merton.....	Merton Tel. Co.....	Bell.....	1 50	1 00			\$1 00	\$1 00	1 00
Middleton.....	Pine Bluff Tel. Co.....	Ind.....							
Milton.....	Milton & Milton Jct. Tel. Co.....	Ind.....					1 00		
Mineral Point.....	Mineral Point Tel. Co.....	Bell.....	2 00		1 25				
Mishicott.....	Larabee Tel. Co.....	Bell.....							
Mondovi.....	Mondovi Tel. Co.....	Bell.....	2 08						
Monroe.....	Monroe Tel. Co.....	Bell.....	2 50						
Montello.....	Marquette Tel. Co.....	Bell.....	1 00	1 00			1 00		
Montfort.....	Individual Tel. Co.....	Ind.....	1 00	for all	phones				
Monticello.....	United Tel. Co.....	Bell.....	1 50						
Mt. Horeb.....	Mt. Horeb Tel. Co.....	Bell.....	1 50	1 00					
Mt. Vernon.....	Mt. Vernon Tel. Co.....	Ind.....	1 50						
Mosinee.....	Mosinee Tel. Co.....	Ind.....							1 50
Mukwonago.....	Eagle Tel. Co.....	Bell.....	2 00	1 75			1 50		1 25

¹A rate of \$2.50 also quoted

Nashotah	E. C. Healy Tel. Co.	Bell	31	all phones				
Necedah	Juneau Elec. Co.	Ind	1 50					
Neillsville	Badger State Tel. & Teleg. Co.	Bell	2 25					3 00
Nekoosa	Wood County Tel. Co.	Bell	2 25					
Nelsonville	Nelsonville Tel. Co.	Bell	1 25					
Neosha	Eureka Tel. Co.	Bell	1 66			1 25	1 25	² 1 25
New Auburn	Bloomer Tel. Co.	Ind	1 50		1 25			
Newburg	Newburg Tel. Co.	Ind						
New Chester, Town	Dr. F. L. Wood	Bell						
New Holstein	Eastern Wis. Tel. Co.	Bell	³ 1 50					
New Haven	Oxford & New Haven Tel. Co.	Ind						
New Lisbon	Juneau Elec. Co.	Ind	1 50		⁴ 1 50			
New London	Fox River Valley Tel. & Teleg. Co.	Ind	1 00	1 00		\$1 00		
New Prospect	East Valley Tel. Co.	Bell	1 25					
New Richmond	Northwestern Tel. Exc. Co.	Bell	2 00					
Newton Station	Newton-Manitowoc Tel. Co.	Bell						
Niagara	Mich. State Tel. Co. ⁶	Bell	2 00	1 75				⁵ 3 00
North Bend	Central Wis. Tel. Co.	Bell	2 00					
Northfield	Northfield Farmers Tel. Co.	Ind	75					
North Freedom	Baraboo Tel. Co.	Bell	1 25					
North Lake	Badger Tel. Co.	Bell	1 50					
North Lake	Merton Tel. Co.	Bell	1 50	1 00		1 00	1 00	1 00
North Line	Hudson Prairie Tel. Co.	Bell						
Norwalk	Monroe County Tel. Co.	Bell	2 25					
Oakfield	Oakfield Tel. Co.	Bell	1 00	for all phones				
Onalaska	La Crosse Tel. Co.	Ind	2 50		1 00			
Ontario	Ontario-Wilton Tel. Co.	Bell	1 00					
Oostburg	Oostburg Tel. Co.	Bell	1 00					
Oregon	Oregon Tel. Co.	Ind	2 00	1 50				
Orfordville	Orfordville Tel. Co.	Ind	1 50					
Osceola	Osceola Farmers Tel. Co.	Ind						
Osseo	Osseo Tel. Co.	Bell	2 00					
Oxford	Westfield Farmers Tel. Co.	Bell						
Oxford	Oxford & New Haven Tel. Co.	Ind						
Palmyra	Eagle Tel. Co.	Bell	2 00	1 75		1 50		1 25
Pardeeville	Pardeeville Tel. Co.	Bell	1 00				85	
Park Falls	Glidden Tel. Co.	Ind	2 00		3 00			
Pepin	Pepin Tel. Co.	Bell	1 50	1 50		1 50		
Pewaukee	Pewaukee & Sussex Tel. Co.	Bell	1 25					1 00

¹A rate of \$2 00 also quoted.

⁴A rate of 75cts. also quoted.

²8 party line.

⁶A rate of \$2 00 also quoted.

³A rate of \$1 25 also quoted.

⁵\$3 00 installation fee.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and Res.	Three party.	Four party.	Six party.	Other kinds.
Phillips	Price County Tel. Co.....	Bell.....	\$2 00						\$1 25
Picketts.....	Utica Tel. Co.....	Bell.....	1 00	\$1 00					
Pigeon Falls.....	Western Wis. Tel. Co.....	Ind.....	1 25						1 00
Pine Bluff.....	Pine Bluff Tel. Co.....	Ind.....							
Pittsville.....	Telephone Toll Line.....	Bell.....	2 00						
Plain.....	Troy & Honey Creek Tel. Co.....	Bell.....	1 25	1 25					
Plainfield.....	Union Tel. Co.....	Bell.....							
Plainville.....	Kilbourn-Friendship Tel. Co.....	Bell.....							
Platteville.....	Platteville, Rewey & Ellenboro Tel. Co.....	Bell.....	1 00						
Pleasant Springs.....	Kegonsa Independent Tel. Co.....	Ind.....							
Plum City.....	Pepin Tel. Co.....	Bell.....	1 00						
Plymouth.....	Plymouth Tel. Co.....	Bell.....	1 75	1 50					
Portage.....	Portage Tel. Co.....	Bell.....	2 00	1 50					
Port Washington.....	Port Washington Tel. Co.....	Bell.....	3 50						
Port Wing.....	Port Wing Tel. Co.....	Ind.....							1 50
Potosi.....	Farmers Tel. Co. of Beetown.....	Ind.....							
Poynette.....	Poynette Tel. Co.....	Bell.....	1 00						
Prairie du Chien.....	Union Tel. Co.....	Bell.....	1 50						
Prairie du Sac.....	Troy & Honey Creek Tel. Co.....	Bell.....	1 25	1 25					
Prairie Farm.....	Prairie Farm, Ridgeland & Dallas Tel. Co.....	Ind.....							
Prairie Farm.....	Barron County Tel. Co.....	Bell.....				\$1 25			
Racine.....	Citizens Tel. Co.....	Ind.....	2 50	2 00			\$1 50		
Randolph.....	Peoples Tel. Co.....	Bell.....	1 00						
Random Lake.....	Random Lake Tel. Co.....	Bell.....	83 ¹ / ₂	83 ¹ / ₂					
Rathburn.....	Rathburn Tel. Lines.....	Bell.....							
Reedsburg.....	Reedsburg Tel. Co.....	Bell.....	2 25	1 00					
Reedsville.....	Manitowoc & Western Tel. Co.....	Bell.....							
Reeseville.....	Dodge County Tel. Co.....	Bell.....	1 00						
Reynolds.....	Reynolds & Lambert Tel. Co.....	Bell.....							
Rhinelanders.....	Rhinelanders Mutual Tel. Co.....	Bell.....	2 50	2 25				1 75	

¹15 party line.

²Rates quoted 50cts. to \$1.25.

Rib Lake.....	Rib Lake Tel. Co.....	Bell.....	2 00						
Rice Lake.....	Barron County Tel. Co.....	Bell.....	1 40						
Richford.....	Coloma Tel. Co.....	Bell.....	83 ¹						
Richland Center.....	Farmers Tel. Exc. Co.....	Bell.....	1 50	1 12 ¹	\$1 00	1 00			
Richmond, Ill.....	Farmers New Era Tel. Co.....	Bell.....	4 00				2 00	\$2 00	
Ridgeland.....	Prairie Farm, Ridgeland & Dallas Tel. Co.....	Ind.....							
Riley.....	Pine Bluff Tel. Co.....	Ind.....							
Ring.....	Utica Tel. Co.....	Bell.....	1 00	1 00					
Rio.....	Peoples Tel. Co.....	Bell.....	1 00						
Ripon.....	Ripon Tel. Co.....	Bell.....	2 00	1 75	1 50	1 50	1 50	1 50	1 50
Ripon.....	Ripon Rural Tel. Co.....	Bell.....	1 25	for all	phones				
River Falls.....	Pierce County Tel. Co.....	Ind.....	12 50						
Roberts.....	Pierce County Tel. Co.....	Ind.....							
Rochester.....	Burlington, Rochester, Kansasville Tel. Co.....	Bell.....							21 25
Rood.....	Rudd & Rood Tel. Line.....	Ind.....							
Rudd.....	Rudd & Rood Tel. line.....	Ind.....							
Saint Croix Falls.....	St. Croix Valley Tel. Co.....	Ind.....							2 00
Scandinavia.....	Scandinavia Tel. Co.....	Bell.....							1 00
Schleisingerville.....	Cedar Lake Tel. Co.....	Ind.....					1 00		
Schleisingerville.....	Washington County Tel. Co.....	Ind.....							
Seymour.....	Shiocton Tel. Co.....	Bell.....	2 00	1 50		1 50			
Sharon.....	Sharon Tel. Co.....	Ind.....	1 50						
Shawano.....	Town Line Farmers Ind. Tel. Ass'n.....	Ind.....							
Sheboygan.....	Citizens Tel. Exc.....	Bell.....	3 50	2 50					
Sheboygan Falls.....	Citizens Tel. Exc.....	Bell.....	2 50	2 00					
Shell Lake.....	Shell Lake Tel. Exc.....	Bell.....	1 50	1 50					
Sheridan.....	Citizens Tel. Exc.....	Bell.....							
Sherwood.....	Stockbridge & Sherwood Tel. Co.....	Bell.....							
Shields.....	Shields Tel. Co.....	Bell.....							
Shiocton.....	Shiocton Tel. Co.....	Bell.....	2 00	1 25		1 50	1 50		
Shullsburg.....	White Oak Tel. Co.....	Ind.....	1 00	1 00	1 00	1 00			
Sobieski.....	Oconto County Tel. Co.....	Ind.....	2 00						
Soldiers Grove.....	La Crosse Interurban Tel. Co.....	Ind.....	1 00		75				
Soldiers Grove.....	Utica Farmers Tel. Co.....	Bell.....							
Somers.....	Somers Tel. Co.....	Ind.....							
South Wayne.....	South Wayne Tel. Co.....	Ind.....	1 50						
Sparta.....	Monroe County Tel. Co.....	Bell.....	2 25						
Spooner.....	Spooner Tel. Co.....	Ind.....	1 50						
Spooner.....	Washburn County Farmers Tel. Co.....	Ind.....							
Spring Green.....	Troy & Honey Creek Tel. Co.....	Bell.....	1 25	1 25					

¹Rate of \$1.00 also quoted.

² 5 party line.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907.—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.	Other kinds.
Spring Valley.....	Pierce County Tel. Co.....	Ind.....	\$2 50						
Stetsonville.....	Brecke Tel. Co.....	Bell.....	1 25		\$1 75				
Stockbridge.....	Stockbridge & Sherwood Tel. Co.....	Bell.....							
Stratford.....	Stratford Tel. Co.....	Bell.....	2 00						
Sturgeon Bay.....	Door County Tel. Co.....	Bell.....							
Sturgeon Bay.....	Sturgeon Bay & Gardner Tel. Co.....	Bell.....	2 25						
Sullivan.....	Sullivan Tel. Co.....	Bell.....	2 25						
Sun Prairie.....	Interurban Tel. Co.....	Ind.....	1 25	\$1 25					
Superior.....	Douglas County Tel. Co.....	Ind.....	\$6 00	4 25			\$3 75		
Superior.....	Peoples Tel. Co.....	Ind.....	3 00	2 50			2 00		
Taylor.....	Central Wis. Tel. Co.....	Bell.....	2 00						
Theresa.....	Theresa Union Tel. Co.....	Bell.....				75	75		\$0.75
Thompsonville.....	Franksville Tel. Co.....	Bell.....		1 00					
Thorp.....	Thorp Tel. Co.....	Bell.....	1 50						
Tigerton.....	Marion & Northern Tel. Co.....	Bell.....	1 50						
Tomah.....	Tomah Electric & Tel. Co.....	Bell.....	1 50		1 25				
Tomahawk.....	Electric, Water & Tel. Co.....	Bell.....	2 00	2 00					
Trempealeau.....	Western Wis. Tel. Co.....	Ind.....	1 25						\$1 25
Turtle Lake.....	City Tel. Co.....	Bell.....	1 50	1 50					
Turtle Lake.....	Frank E. Fisk Tel. Co.....	Ind.....	1 50	1 50					
Two Rivers.....	Two Rivers Tel. Co.....	Bell.....	2 00	1 75					
Union Grove.....	Union Grove Tel. Co.....	Bell.....							
Viola.....	La Crosse Interurban Tel. Co.....	Ind.....	1 00		75				
Viroqua.....	Viroqua Tel. Co.....	Ind.....	1 75	1 50			1 25		
Walworth.....	Walworth Tel. Exc. Co.....	Bell.....	\$1 50						
Warrens.....	Warrens Land Co.....	Ind.....	1 00						
Washburn.....	Bayfield County Tel. Co.....	Ind.....	2 00	1 50					
Waterloo.....	Interurban Tel. Co.....	Ind.....	1 25	1 25					
Waunakee.....	Waunakee Tel. Co.....	Ind.....	1 00	1 00					
Waupaca.....	Citizens Tel. Exc.....	Bell.....	2 00	1 50					

¹ Rates quoted \$1.00 to \$2.50.
⁴ A rate of \$1.66 also quoted.

² A rate of \$1.00 also quoted.
⁵ party line.

³ A rate of \$2.08 also quoted.
⁶ 15 party line.

Waupaca.....	Rural Tel. Co.....	Bell.....						
Waupaca.....	Waupaca Citizens Tel. Exc.....	Bell.....	2 00	1 50				
Wausau.....	Wausau Tel. Co.....	Bell.....	3 00			3 00		1 00
Wausaukee.....	Amberg Tel. & Teleg. Co.....	Bell.....	1 50	1 25			1 25	1 25
Wausaukee.....	Wausaukee Tel. Co.....	Bell.....	1 50	1 50				
Wautoma.....	Waushara Tel. Co.....	Bell.....	2 50	2 00		1 00		
Welcome.....	Matteson Tel. Co.....	Bell.....	1 00					
Westby.....	Westby Tel. Co.....	Ind.....	1 50					
Westfield.....	Westfield Farmers Tel. Co.....	Bell.....	83 ³					
West Salem.....	La Crosse Interurban Tel. Co.....	Ind.....	2 ² 00					
Weyauwega.....	Baldwin Mills Tel. Co.....	Bell.....						
Weyauwega.....	Fox River Valley Tel. & Teleg. Co.....	Ind.....	1 00	1 00		1 00		
Wheatland.....	Burlington-Brighton-Wheatland Tel. Co.....	Bell.....						
Wheeler.....	Knapp Tel. Co.....	Bell.....	2 08					
White Creek.....	Kilbourn-Friendship Tel. Co.....	Bell.....						
Whitehall.....	Western Wis. Tel. Co.....	Ind.....	1 25					³ 1 00
Whitelaw.....	Manitowoc & Western Tel. Co.....	Bell.....						
Wiota.....	La Fayette Tel. Co.....	Ind.....						
Wild Rose.....	Waushara Tel. Co.....	Bell.....	2 50	2 00		1 00		
Wilmot.....	Farmers New Era Tel. Co.....	Bell.....	4 00			2 00		2 00
Wilton.....	Ontario & Wilton Tel. Co.....	Ind.....	1 00					
Wittenberg.....	Wittenberg Tel. Co.....	Bell.....	1 00					
Wonewoc.....	Wonewoc Tel. Co.....	Ind.....	1 00					⁴ 1 00
Wrightstown.....	Fox River Valley Tel. & Teleg. Co.....	Ind.....	2 00			1 50		
Wyocena.....	Peoples Tel. Co.....	Bell.....	1 00					
Wyocena.....	Pacific & Wyocena Tel. Co.....	Ind.....	75	66 ³				
York.....	Central Wis. Tel. Co.....	Bell.....						

¹ 8 party line.

² A rate of \$1.50 also quoted.

³ 15 party line.

⁴ 4 or more phones.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS					
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rate per call and monthly guarantee.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Abbottsford.....	Abbottsford Elec. Light & Tel. Co.	\$1 00							\$0 25								
Abrams.....	Robert C. Faulds.....																
Adney.....	Elmwood Farmers Tel. Co.....									\$0 35	\$0 25						
Albany.....	United Tel. Co.....	1 00									1 50		\$0 50	\$0 35	\$0 35	\$0 10	
Algoma.....	Farmers Lake Sh're T., T. & El. P. Co.								1 25								
Allenton.....	Allenton-Addison Tel. Co.....																
Allenton.....	Allenton-Kohlsville Tel. Co.....								1 00			\$0 10					
Alma.....	Fountain City Tel. Co.....	1 25							1 25								
Alma.....	Tenney Tel. Co.....									free							
Alma Center.....	Central Wisconsin Tel. Co.....	1 00							1 00								
Almena.....	Barron County Tel. Co.....																
Almond.....	Almond Tel. Co.....								1 00								
Amery.....	Amery Electric Tel. Co.....	75							1 50				75				
Amherst.....	Amherst Tel. Co.....	1 00							1 00								
Antigo.....	Antigo Tel. Co.....	1 25	\$1 25						1 50			05	2 00	75			
Appleton.....	Fox River Valley Tel. & Teleg. Co.	1 50	1 25						1 25			05	1 00				25
Arcadia.....	Western Wisconsin Tel. Co.....	29 08															
Arlington.....	Poynette Tel. Co.....	1 00									1 00						
Argyle.....	Argyle Tel. Co.....	1 00							75								
Arkansaw.....	Arkansaw Tel. Co.....	1 00							1 00								
Ashland.....	Ashland Home Tel. Co.....	1 00	1 00		\$1 00				\$1 00			45 00	1 00	50	50	25	
Athens.....	Athens Tel. Co.....	1 00							1 00			42 50					
Augusta.....	J. L. Ball Tel. Co.....	1 00							1 00								
Avoca.....	Avoca & Muscoda Farmers Tel. Co.							\$0 50	50								
Baldwin.....	Baldwin Tel. Exc.....	1 00							1 00								

¹ A rate of 75 cents is also quoted.

² A rate of \$1.50 is also quoted.

³ A rate of \$1.25 is also quoted.

⁴ Monthly guarantee.

Bancroft.....	Union Tel. Co.....									1 90										
Bangor.....	Bangor Tel. Co.....	1 00								1 00										
Baraboo.....	Baraboo Tel. Co.....	1 25									1 25			50						
Barre Mills.....	La Crosse Interurban Tel. Co.....									2 50										
Barron.....	Barron County Tel. Co.....	1 15	1 15							1 00										
Beetown.....	Farmers Tel. Co. of Beetown.....									75										
Belleville.....	Belleville Tel. Co.....																			
Bellevue.....	Brown County Tel. Co.....										1 50	1 75								
Beloit.....	Beloit Home Tel. Co.....	2 00	1 50							1 50										25
Beloit.....	Beloit Farm Tel. Co.....					\$1 50	1 50	1 50		1 50				1 00						
Bennett Switch.....	Almond Tel. Co.....									1 00										25
Benton.....	Farmers Tel. Co. of Beetown.....									75										
Berlin.....	Waushara Tel. Co.....	2 00	1 50		1 00					75		1 25	05	50	05	50				25
Big Bend.....	Prospect, Guthrie & Big Bend Tel. Co.....									1 00										
Big Flats.....	Kilbourn-Friendship Tel. Co.....									1 00										
Birchwood.....	Barron County Tel. Co.....						1 25													
Birnamwood.....	Birnamwood Tel. Co.....	1 00										1 00								
Black Earth.....	Black Earth Tel. Co.....	1 00	1 00							1 00										
Black River Falls.....	Central Wis. Tel. Co.....	1 00								1 00										
Blaine.....	Almond Tel. Co.....									1 00										
Blair.....	Central Wis. Tel. Co.....	1 00								1 00										
Blair.....	Western Wis. Tel. Co.....	2 08	1 25																	
Blanchardville.....	United Tel. Co.....	1 00																		
Bloomer.....	Bloomer Tel. Co.....		75											50	35	25				10
Bloomington.....	Farmers Tel. Co. of Beetown.....									1 50				75						
Boscobel.....	Boscobel Tel. Co.....	1 00	75		75					75										
Boyceville.....	Knapp Tel. Co.....																			
Boyd.....	Cadott Tel. Co.....	1 00										1 00								
Briggsville.....	Briggsville & Big Springs Tel. Co.....																			
Brillion.....	Eastern Wis. Tel. Co.....	1 00																		
Bristol.....	Bristol Tel. Co.....											1 00								
Brodhead.....	Brodhead Tel. Co.....	1 00	1 00	\$1 00						1 25				50						
Brooklyn.....	Brooklyn Tel. Co.....	1 00								1 00										
Burkhardt.....	Hudson Prairie Tel. Co.....									1 25										
Butternut.....	Glidden Tel. Co.....	1 00	1 00				1 00			1 25										
Cadott.....	Cadott Tel. Co.....	1 00										1 00								
Cambria.....	Peoples Tel. Co.....	1 00										1 00								

¹ \$5.25, 6 mos.—\$18.00 per year for 2 phones.⁴ Rate of \$1.50 also quoted.⁶ Rate given is for metallic circuit; grounded circuit, \$1.50.⁸ 2 families using 1 phone, \$1.00.² Rates of \$1.00 and \$1.25 also quoted.⁵ Rate of 75 cents also quoted.⁷ Rate given is for metallic circuit; grounded circuit, \$1.25.⁹ A rate of \$1.00 is also quoted.³ Rate of \$1.25 also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 2, 1907.—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.					
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rate per call and monthly guarantee.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Cambria.....	Cambria Co-op. Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	\$0 66 ¹ / ₂	\$3 00	.....	.....	.....	.....	.....	.....	.....
Cambria.....	Farmers Mutual Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$1 50	.....	.....	.....	.....	.....	.....
Cambridge.....	Cambridge Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cameron.....	Barron County Tel. Co.....	\$1 25	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Campbellsport.....	Theresa Union Tel. Co.....	1 00	\$0 75	\$0 75	\$0 75	\$0 75	\$0 75	\$0 75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camp Douglas.....	Juneau Elec. Co.....	1 00	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Caroline.....	Farmers Independent Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	75	free	.....	.....	.....	.....	.....	.....	.....
Casco.....	Casco & Brussels Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Cashton.....	Cashton Tel. Co.....	1 00	1 00	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Cassville.....	Farmers Tel. Co. of Beetown.....	.....	.....	.....	.....	.....	.....	.....	75	.....	.....	.....	.....	.....	.....	.....	.....
Cazenovia.....	Peoples Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cedar Grove.....	Cedar Grove Tel. Co.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Centerville.....	Western Wis. Tel. Co.....	12 08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chetek.....	Chetek Rural Tel. Co.....	1 00	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Chilton.....	Eastern Wis. Tel. Co.....	1 00	1 00	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Chippewa Falls.....	Chippewa County Tel. Co.....	1 50	.....	.....	1 00	.....	.....	.....	1 50	.....	.....	\$1 00	\$1 00	\$0 50	.....	.....	\$0 25
Clarno.....	West Clarno Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	1 25	.....	.....	.....	.....	.....	.....	.....	.....
Clear Lake.....	Clear Lake Tel. Co.....	1 00	1 00	.....	.....	1 00	1 00	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....
Cleghorn.....	Shaw Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	1 25	.....	.....	.....	.....	.....	.....	.....	.....
Clinton.....	Clinton Tel. Co.....	21 00	21 00	.....	.....	.....	.....	.....	41 50	.....	.....	.....	.....	.....	.....	.....	.....
Clintonville.....	Marion & Northern Tel. Co.....	1 00	1 00	.....	1 00	.....	.....	.....	1 25	.....	.....	.....	.....	.....	.....	.....	.....
Clintonville.....	Town Line Farmers Ind. Tel. Ass'n.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75	.....	.....	.....	.....	.....	.....
Clyman.....	Clyman Tel. Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....
Colby.....	Colby Tel. Co.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....	1 25	.....	.....	.....	.....	.....	.....
Colfax.....	I. O. Anderson Tel. Co.....	1 00	.....	.....	.....	1 00	.....	.....	1 50	.....	.....	.....	.....	.....	.....	.....	.....

¹ A rate of \$1.04 is also quoted.

² A rate of 50 cts. also quoted.

³ Per Year.

⁴ Rates of 75 cts. and \$1.25 also quoted.

Coloma	Coloma Tel. Co.			83½	83½	83½	83½											
Coloma Corners	Coloma Tel. Co.			83½	83½	83½	83½											
Coloma Station	Westfield Farmers' Tel. Co.																	
Coom Valley	La Crosse Interurban Tel. Co.	1 00																
Coariss	Citizens' Tel. Co.			1 50												05	1 00	
Crandon	Crandon Tel. Co.	1 25														15		
Cross Plains	Pine Bluff Tel. Co.																	
Cumberland	Cumberland Tel. Co.	1 00	1 00				1 00		1 00	1 00								1 00
Dallas	Dallas Tel. Co.									75								
Darien	Darien Tel. Co.	1 00														1 25		
Darlington	Darlington Rural Tel. Co.																	
Dausman	Eagle Tel. Co.	2 00																25
Deerfield	Deerfield Tel. Co.									1 00	50							
De Forest	Columbia County Tel. Co.																	1 00
De Forest	Poynette Tel. Co.	1 00																
Delavan	Walworth County Tel. Co.	1 00	1 00															
De Pere	Fox Riv. Valley Tel. & Teleg. Co.	1 50				1 00												
Dodgeville	New Union Tel. Co.																	
Dorchester	Lapp & Sturner	1 00																
Dotyville	East'n Fond du Lac County Tel. Co.																	
Downing	Knapp Tel. Co.																	
Durand	Durand Light & Power Co.	1 00	75			75												
Eagle	Eagle Tel. Co.	2 00																
Eagle Point	Chippewa County Tel. Co.																	
Earl	Earl Tel. Co.																	
Easton	Kilbourn & Friendship Tel. Co.	1 00	1 00															
East Troy	Eagle Tel. Co.	2 00																
Eau Claire	Eau Claire County Tel. Co.																	
Eau Galle	Eau Galle Tel. Co.	1 00																
Eden	East'n Fond du Lac County Tel. Co.																	
Edgar	Edgar Tel. Co.	1 00																
Edgerton	Edgerton Tel. Co.	1 25	1 00															
Eland Junction	Hatley Tel. Co.					1 00												
Eleva	Osseo Tel. Co.	1 00																
Elkhart Lake	Eastern Wis. Tel. Co.	1 00	1 00															
Elkhorn	F. W. Lean																	
Elkhorn	State Long Distance Tel. Co.	1 00																
Ellsworth	Pierce County Tel. Co.	2 50																

¹ A rate of \$1.00 also quoted.
⁴ A rate of 50 cts. also quoted.

² A rate of \$1.25 also quoted.
⁵ Monthly guarantee.

³ Stockholders 25 to 75 cts.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELE- PHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			Pay station rate per call and monthly guarantee.	EXTENSION SETS.				
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.		Renters.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver Without bell	Bell.
Elmwood.....	Highland Tel. Co. ¹	\$1 00							\$1 00				\$0 25				
Elroy.....	Elroy Tel. Co.....	1 25	\$1 00														
Embarass.....	Matteson Tel. Co.....																
Ettrick.....	Ettrick Tel. Co.....	\$2 08								\$0 25	\$0 50						
Ettrick.....	Western Wis. Tel Co.....								1 85						\$0 50		
Evansville.....	Evansville Tel. Exc.....	1 50	1 00		\$0 75				\$1 16				50				\$0 10
Fairchild.....	Central Wis. Tel. Co.....	1 00							1 00								
Fairchild.....	N. C. Foster Lumber Co.....	1 00															
Fairchild.....	Shiocton Tel. Co.....										1 50						
Fairwater P. O.....	Green Lake Tel. Co.....								1 00								
Fall Creek.....	Ludington Tel. Co.....	1 00	1 00						1 00								
Fall River.....	Peoples' Tel. Co. ⁴	1 00							1 00								
Fennimore.....	Fennimore Tel. Co.....	1 00			75				1 00		1 00						
Fifield.....	J. E. Feeley.....																
Florence.....	Mich. State Tel. Co.....	1 50	1 25						2 00				75				53 00
Fond du Lac Town	Woodhull Tel. Co.....										1 25						
Footville.....	Footville Tel. Co.....								1 00								
Forestville.....	Algoma Farmers' Tel. Co.....								1 00								
Fort Atkinson.....	Jefferson Tel. Co.....	1 25			1 00				1 50								
Fountain City.....	Fountain City Tel. Co.....	1 25							1 25				1 25				25
Fox Lake.....	Peoples' Tel. Co.....	1 00							1 00								
Frederic.....	Tri-State Tel. Co.....	1 00	1 00								2 00						
Freistadt.....	Freistadt-Cedarburg Tel. Co.....								75								
Fremont.....	Fremont Tel. Co.....								1 00								
Friendship.....	Kilbourn-Friendship Tel. Co.....								1 00								

¹ Free to stockholders. ² Rate of \$1.04 also quoted.

³ Rate of 50 cts. and \$1. 00 also quoted.

⁴ Net Rural. \$1.25.

⁵ Installation fee.

REPORT OF THE RAILROAD COMMISSION.

Galesville.....	Western Wis. Tel. Co.....	12	08															
Gardner.....	Sturgeon Bay & Gardner Tel. Co.	1	75															
Genesee Depot.....	Eagle Tel. Co.....	2	00															
Glenhaven.....	Farmers' Tel. Co. of Beetown.....																	75
Glenwood.....	West. Wis. Tel. Co.....	1	00	1	00													1 00
Glidden.....	Glidden Tel. Co.....	1	00	1	00													
Gotham.....	Lone Rock Tel. Co.....							\$1 00	\$1 00	\$1 00								
Grafton.....	Grafton Tel. Co.....	1	00															1 00
Gr. Rapids R.F.D.....	Cranmoor Tel. Co.....																	
Grand Rapids.....	Wood County Tel. Co.....	1	50															1 00
Granton.....	Badger State Tel. & Teleg. Co.....	3	1 00															
Grantsburg.....	Tri-State Tel. Co.....	1	50	1	00													
Gratiot.....	Lafayette Tel. Co.....																	
Green Bay.....	Fox River Valley Tel. & Teleg. Co.	1	50	1	25			1	00									
Greenbush.....	Hulls Crossing Farmers Tel. Co.....																	50
Greenwood.....	Greenwood Tel. Co.....	1	00															
Hammond.....	Hammond Tel. Co.....		50															
Hancock.....	Union Tel. Co.....																	
Harrisville.....	Westfield Farmers Tel. Co.....								83 ¹									
Hatley.....	Hatley Tel. Co.....																	
						\$1	00											
Hebron, Ill.....	Farmers New Era Tel. Co.....	1	50															
Highland.....	Individual Tel. Co.....	1	00	1	00	1	00	1	00	1	00							
Highland.....	New Union Tel. Co.....	1	00															
Hilbert.....	Eastern Wis. Tel. Co.....	1	00	1	00													
Hilbert.....	Stockbridge & Sherwood Tel. Co.....																	free
																		1 00
Hillsboro.....	Hillsboro Tel. Co.....	1	00	1	00													
Hixton.....	Central Wis. Tel. Co.....	1	00															
Holcombe.....	Chippewa County Tel. Co.....																	
Hollandale.....	Barneveld & Hollandale Tel. Line.	1	00															
Hollandale.....	Hollandale Tel. Co.....																	75
Hubertus.....	Richfield, Hubertus & H. H. T. Co.																	
Hudson.....	Northwestern Tel. Exc. Co.....	2	00	1	75													1 00
Humbird.....	Central Wis. Tel. Co.....	1	00															1 00
Huron.....	Yellow River Tel. Co.....																	50
Hurricane.....	Farmers Tel. Co. of Beetowu.....																	75
Hustisford.....	Eureka Tel. Co.....																	1 25
Independence.....	Western Wis. Tel. Co.....	12	08															
Iola.....	Scandinavia Tel. Co.....																	1 00

¹ Rate of \$1.04 also quoted.

⁴ Monthly guarantee; five at \$1.50.

² Sold.

⁵ A rate of 50 cts. also quoted.

³ A rate of \$1.50 also quoted.

⁶ Monthly guarantee.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.					
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rates per call and monthly guaranter.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Iron River.....	Iron River Water, L. & P. Co.....	\$1 50	\$1 00														
Ironton.....	Peoples Tel. Co.....																
Ithaca.....	Peoples Tel. Co.....																
Jackson.....	Jackson Tel. Co.....									\$1 00							
Janesville.....	Rock County Tel. Co.....	1 50			\$1 00					1 50			\$1 25				
Jim Falls.....	Chippewa County Tel. Co.....									1 50							
Jimtown.....	Elmwood Farmers Tel. Co.....										\$0 35	\$0 25					
Juda.....	Jefferson Tel. Co.....	1 00	1 00							1 25							
Keene.....	Union Tel. Co.....									1 90							
Kendalls.....	Elroy Tel. Co.....	1 00								1 00							\$0 25
Kenosha.....	Kenosha Home Tel. Co.....	2 00	1 50							1 25			1 00	\$0 50			25
Kewaskum.....	Theresa Union Tel. Co.....	1 00	75	\$0 75	75	\$0 75	\$0 75	\$0 75	\$0 75								
Kewaunee.....	Louis Meyers.....									98							
Kiel.....	Eastern Wis. Tel. Co.....	1 00	1 00		90	75	75			1 00			1 25	1 50			
Kilbourn.....	Farmers Inter-County M. T. Co. ⁴	1 00	1 00							42							
Kingston.....	Kingston Tel. Co.....									1 00							
Klevenville.....	Pine Bluff Tel. Co.....									1 00							
Knapp.....	Knapp Tel. Co.....								2 00								
La Crosse.....	Inter-State Tel. Co.....									1 25							
La Crosse.....	La Crosse Tel. Co.....	2 00	1 50		1 00							2 1 50					
La Crosse.....	La Crosse Interurban Tel. Co.....									3 00							
La Crosse.....	Smith-Coulee Tel. Co.....											25					
La Farge.....	La Farge Tel. Co.....	1 00								1 00							
La Grange.....	Eagle Tel. Co.....	2 00										1 25					
Lamartine, Town	Woodhull Tel. Co.....											1 25					

¹ A rate of 75 cts. also quoted.

⁶ A rate of 83 cents also quoted.

² A rate of \$1.25 also quoted.

³ Rates of \$1.00, \$1.25 and \$1.50 also quoted.

⁴ Reduced rate to stockholders.

REPORT OF THE RAILROAD COMMISSION.

Lake Mills.....	Interurban Tel. Co.....	1 00	1 00						1 25				75			15
Lambert.....	Reynolds & Lambert Tel. Co.....								1 00							
Lancaster.....	Farmers Tel. Co. of Beetown.....								75							
Larabee.....	Larabee Tel. Co.....								1 00							
La Valle.....	Peoples Tel. Co.....															
Leeds, Town.....	Columbia County Tel. Co.....								1 00							
Lena.....	Farmers & Merchants Tel. Co.....								² 1 00	² 1 00						
Lime Ridge.....	Peoples Tel. Co.....															
Lincoln, Town.....	Dr. F. L. Wood.....								83							
Livingston.....	Grant County Tel. Co.....									50						
Lodi.....	Lodi Tel. Co.....	1 00							1 00							
Logansville.....	Logansville Tel. Co.....	1 00	1 00		1 00				1 00							
Lomira.....	Theresa Union Tel. Co.....	1 00	75	75	75	75	75	75	1 00							
Lone Rock.....	Lone Rock Tel. Co.....											³ 1 00				
Loyal.....	York Center Tel. Co.....								1 00							
Loyal.....	Loyal Tel. Co.....	1 00										1 00				
Loyd.....	Peoples Tel. Co.....															
Luck.....	Tri-State Tel. Co.....	9 free							1 00	3 free						
Luxemburg.....	Luxemburg Tel. Co.....															
Madison.....	Dane County Rural Tel. Co.....								² 1 25							
Madison.....	Dane County Tel. Co.....	² 1 75	1 50		1 25			² 1 25	1 50			⁴ 10	1 00	75	50	25
Maiden Rock.....	Pepin Tel. Co.....	1 00	75								1 00					
Manitowoc.....	Manitowoc & Northern Tel. Co.....								1 25							
Manawa.....	Manawa Tel. Co.....	1 00							1 25							
Mapleton.....	Badger Tel. Co.....								1 00	50						
Marathon.....	Marathon City Tel. Co.....											1 50				
Marion.....	Marion & Northern Tel. Co.....	1 00							1 25							
Markesan.....	Markesan Tel. Co.....		1 00								2 00					
Marshfield.....	Marshfield Tel. Exc.....	1 25	1 00	1 00	1 00			⁶ 1 00				⁵ 1 25				
Mauston.....	Mauston Elec. Service Co.....	75	75						1 00							
Mazomanie.....	Mazomanie Tel. Co.....	1 00	1 00						1 00							
McFarland.....	Peoples Tel. Co. of Dane County.....	1 00							1 00			05	50			
Medford.....	Medford Tel. Exc.....	1 00									1 00		50			
Mellen.....	Ashland Home Tel. Co.....	1 00											1 00			25
Melrose.....	Central Wis. Tel. Co.....	1 00							1 00							
Menomonee Falls.....	Menomonee Falls Tel. Co.....	85	85	85				⁸ 85	1 00							
Mequon.....	Mequon Tel. Co.....										⁷ 1 50					

¹ A rate of 50 cts. also quoted.

⁶ A rate of 75 cents also quoted.

² A rate of \$1.50 also quoted.

⁵ 5-party line.

³ Monthly guarantee.

⁷ A rate of \$1.00 also quoted.

⁴ A rate of 5 cts. also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			Pay station rates per call and monthly guarantee.	EXTENSION SETS.				
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.		Renters.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Merrill.....	Merrill Tel. Co.....	\$1 50 ¹							\$1 50				\$0 50 ¹				
Merrillan.....	Central Wis. Tel. Co.....	1 00							1 00								
Merton.....	Merton Tel. Co.....	1 00	\$1 00						1 00								
Middleton.....	Pine Bluff Tel. Co.....								1 00								
Milton.....	Milton & Milton Jct. Tel. Co.....				\$1 00				1 25								
Mineral Point.....	Mineral Point Tel. Co.....	1 00														\$0 50	
Mishicott.....	Larabee Tel. Co.....								1 00								
Mondovi.....	Mondovi Tel. Co.....	1 08							1 33								
Monroe.....	Monroe Tel. Co.....	1 50									\$1 50		50	\$0 35	25	\$0 10	
Montello.....	Marquette Tel. Co.....	1 00	1 00		1 00				1 00								
Montfort.....	Individual Tel. Co.....																
Monticello.....	United Tel. Co.....	1 00											50	35	25	10	
Mt. Horeb.....	Mt. Horeb Tel. Co.....	1 00							1 00								
Mt. Vernon.....	Mt. Vernon Tel. Co.....	1 00															
Mosinee.....	Mosinee Tel. Co.....							\$1 00									
Mukwonago.....	Eagle Tel. Co.....	2 00															25
Nashota.....	E. C. Healey Tel. Co.....																
Necedah.....	Juneau Elec. Co.....	75															
Neillsville.....	Badger State Tel. & Teleg. Co.....	1 25	1 25						1 75				1 00				
Nekoosa.....	Wood County Tel. Co.....	1 25											1 00				
Nelsonville.....	Nelsonville Tel. Co.....								1 00								
Neosha.....	Eureka Tel. Co.....								1 25								20
New Auburn.....	Bloomer Tel. Co.....	75							1 50								
Newburg.....	Newburg Tel. Co.....										75						
NewChester, T'wn	Dr. F. L. Wood.....								83 ¹								

¹A rate of \$1.00 also quoted.

New Holstein.....	Eastern Wis. Tel. Co.....	1 00	1 00	90				1 00										
New Haven.....	Oxford & New Haven Tel. Co.....								50									
New Lisbon.....	Juneau Elec. Co.....	1 00	75					1 00		\$0 25								
New London.....	Fox River Valley Tel. & Teleg. Co.	1 00	1 00					1 25										
New Prospect.....	East Valley Tel. Co.....	1 25						1 25										
New Richmond...	Northwestern Tel. Exc. Co.....	1 00						.25										
Newton Station..	Newton-Manitowoc Tel. Co.....								1 25									
Niagara.....	Mich. State Tel. Co. ²	1 50	1 25					2 00				75						
North Bend.....	Central Wis. Tel. Co.....	1 00						1 00										
Northfield.....	Northfield Farmers Tel. Co.....							75										
North Freedom..	Baraboo Tel. Co.....	1 25							1 25									
North Lake.....	Badger Tel. Co.....	1 50																
North Lake.....	Merton Tel. Co.....	1 00	1 00															
North Line.....	Hudson Prairie Tel. Co.....							\$1 25										
Norwalk.....	Monroe County Tel. Co.....	1 50	1 25	1 00		\$0 75		1 00				50						
Oakfield.....	Oakfield Tel. Co.....																	
Onalaska.....	La Crosse Tel. Co.....	1 50										1 00						25
Ontario.....	Ontario-Wilton Tel. Co.....	1 00						1 00										
Oostburg.....	Oostburg Tel. Co.....	1 00	1 00	1 00				1 00										
Oregon.....	Oregon Tel. Co.....	1 50	1 00					\$1 50										
Orfordville.....	Orfordville Tel. Co.....	1 00						1 25										
Osceola.....	Osceola Farmers Tel. Co.....								11 50									
Osseo.....	Osseo Tel. Co.....	1 00						1 00										
Oxford.....	Westfield Farmers Tel. Co.....							83 ⁴										
Oxford.....	Oxford & New Haven Tel. Co.....								50									
Palmyra.....	Eagle Tel. Co.....	2 00										1 25						25
Pardeeville.....	Pardeeville Tel. Co.....	1 00		85				50										
Park Falls.....	Glidden Tel. Co.....	1 25	1 25	1 25														
Pepin.....	Pepin Tel. Co.....		1 00	1 00								1 00						
Pewaukee.....	Pewaukee & Sussex Tel. Co.....	1 25						\$1 00	\$1 25									
Phillips.....	Price County Tel. Co.....												75					25
Picketts.....	Utica Tel. Co.....	1 00	1 00		1 00	1 00		1 00										
Pigeon Falls...	Western Wis. Tel. Co.....	\$2 08																
Pine Bluff.....	Pine Bluff Tel. Co.....							1 00										
Pittsville.....	Telephone Toll Line.....	1 00																
Plain.....	Troy & Honey Creek Tel. Co.....	1 00	1 00					1 00										
Plainfield.....	Union Tel. Co.....							.83										
Plainville.....	Kilbourn-Friendship Tel. Co.....							1 00										
Platteville.....	Platteville, Rewey & Ellen ^{ro} T. Co.									50	1 00							

¹A rate of 75 cts. also quoted.

⁴A rate of \$1.04 also quoted.

²\$3.00 installation fee.

⁵A rate of \$1.25 also quoted.

³A rate of \$1.00 also quoted.

⁶Subscribers maintaining line and station equipment.

TABLE II—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			Pay-station rates per call and monthly guarantee.	EXTENSION SETS.				
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.		Renters.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Pleasant Springs.	Kegonsa Independent Tel. Co.											\$1 25	\$0 25				
Plum City	Pepin Tel. Co.	\$1 00											\$1 00				
Plymouth	Plymouth Tel. Co.	1 10	\$1 00														
Portage	Portage Tel. Co.	1 50	1 25		\$1 00					\$1 50 ²				\$0 50		\$0 55	
Port Washington.	Port Washington Tel. Co.											1 25					
Port Wing	Port Wing Tel. Co.							\$0 75									
Potosi	Farmers Tel. Co. of Beetown.								75								
Poynette	Poynette Tel. Co.	1 00								\$1 50 ¹	1 50						
Prairie du Chien.	Union Tel. Co.	1 00															
Prairie du Sac	Troy & Honey Creek Tel. Co.	1 00	1 00							1 00							
Prairie Farm	Prairie F. Ridgeland & D. Tel. Co.									33 $\frac{1}{2}$	1 00						
Racine	Barron County Tel. Co.																
Randolph	Citizens Tel. Co.	1 50	1 25		1 00					1 50	1 50	05	1 00	\$1 00	50		
Random Lake	Peoples Tel. Co.	1 00								1 25	1 00						
	Random Lake Tel. Co.	83 $\frac{1}{2}$															\$0 25
Rathburn	Rathburn Tel. Lines.									21 50							
Reedsburg	Reedsburg Tel. Co.	1 50	1 00							11 25							
Reedsville	Manitowoc & Western Tel. Co.									21 50							
Reeseville	Dodge County Tel. Co.	1 25															
Reynolds	Reynolds & Lambert Tel. Co.									1 00							
Rhineland	Rhineland Mutual Tel. Co.	1 50	1 25		1 00	\$1 00 ⁷				21 50				350			
Rib Lake	Rib Lake Tel. Co.	1 00									1 00			75			
Rice Lake	Barron County Tel. Co.	1 00	1 00		1 00					1 00							

¹A rate of \$1.00 also quoted.

⁴Monthly guarantee.

²A rate of \$1.25 also quoted.

³A rate of 25 cts. also quoted.

Richford.....	Coloma Tel. Co.....				83 ¹	83 ¹	80.83 ¹	80.83 ¹											
Richland Center.....	Farmers Tel. Exc. Co.....	1 00	1 00							1 00							25	25	1 00
Richmond, Ill.....	Farmers New Era Tel. Co.....	1 50					1 50												
Ridgeland.....	Prairie F., Ridgeland & D. Tel. Co.....									33 ¹	1 00								
Riley.....	Pine Bluff Tel. Co.....									1 00									
Ring.....	Utica Tel. Co.....		1 00		1 00	1 00	1 00	1 00		1 00									
Rio.....	Peoples Tel. Co.....	1 00								21 25									
Ripon.....	Ripon Tel. Co.....	1 50	1 25	1 00	1 00	1 00	1 00	1 00	1 00										
Ripon.....	Ripon Rural Tel. Co.....																		
River Falls.....	Pierce County Tel. Co.....	2 00	50							75									
Roberts.....	Pierce County Tel. Co.....									1 25									
Rochester.....	Burlington Rochester, K. Tel. Co.....								41 25										41 ¹
Rood.....	Rudd & Rood Tel. Line.....									1 00									
Rudd.....	Rudd & Rood Tel. Line.....									1 00									
Saint Croix Falls.....	St. Croix Valley Tel. Co.....	1 33								1 00				2 00		50			
Scandinavia.....	Scandinavia Tel. Co.....									1 00	1 00	1 50							
Schleisingerville.....	Cedar Lake Tel. Co.....																		
Schleisingerville.....	Washington County Tel. Co.....									1 00									
Seymour.....	Shiocton Tel. Co.....	1 50	1 00	1 00								1 00							
Sharon.....	Sharon Tel. Co.....	1 00										1 00							
Shawano.....	Town L. Farmers Ind. Tel. Ass'n.....																		
Sheboygan.....	Citizens Tel. Exc.....	2 50	1 50		1 00							75							
Sheboygan Falls.....	Citizens Tel. Exc.....	1 50	1 25							2 50						1 50			25
Shell Lake.....	Shell Lake Tel. Exc.....	90	90									1 00							25
Sheridan.....	Citizens Tel. Exc.....									1 00									
Sherwood.....	Stockbridge & Sherwood Tel. Co.....										free.	1 00							
Shields.....	Shields Tel. Co.....																		
Shiocton.....	Shiocton Tel. Co.....	1 50	1 00	1 00						183									
Shullsburg.....	White Oak Tel. Co.....	1 00										1 00							
Sobieski.....	Oconto County Tel. Co.....	1 00								266									
Soldiers Grove.....	La Crosse Interurban Tel. Co.....	1 00																	
Soldiers Grove.....	Utica Farmers Tel. Co.....																		
Somers.....	Somers Tel. Co.....											50	50						
South Wayne.....	South Wayne Tel. Co.....	1 00									1 00								
Sparta.....	Monroe County Tel. Co.....	1 50	1 25		1 00					75	1 00						1 75		
Spoooner.....	Spoooner Tel. Co.....	1 00																	
Spoooner.....	Washburn Co. Farmers Tel. Co.....																		
Spring Green.....	Troy & Honey Creek Tel. Co.....	1 00	1 00																

¹A rate of 50 cts. also quoted.
⁴⁵-party line.

²A rate of \$1.00 also quoted.
⁵⁷⁵ cts. for 2 phones.

³A rate of \$1.25 also quoted.
⁶Installation fee.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL, 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			Pay station rates per call and monthly guarantee.	EXTENSION SETS.				
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.		Renters.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Spring Valley.....	Pierce County Tel. Co.....	\$2 00								\$0 75							
Stetsonville.....	Brecke Tel. Co.....									free.	\$1 00						
Stockbridge.....	Stockbridge & Sherwood Tel. Co.....									1 00							
Stratford.....	Stratford Tel. Co.....	1 00								2 50				\$0 50	\$0 25		
Sturgeon Bay.....	Door County Tel. Co.....																
Sturgeon Bay.....	Sturgeon Bay & Gardner Tel. Co.....	1 75															
Sullivan.....	Sullivan Tel. Co.....	1 25															
Sun Prairie.....	Interurban Tel. Co.....	1 00								1 25				75			\$0 15
Superior.....	Douglas County Tel. Co.....	3 00	2 50		2 00								\$1 50	\$33		\$0 50	
Superior.....	Peoples Tel. Co.....	2 00	1 66		1 33							3 00	05	83		50	16½
Taylor.....	Central Wis. Tel. Co.....	1 00								1 00							
Theresa.....	Theresa Union Tel. Co.....									1 34							
Thompsonville.....	Franksville Tel. Co.....										\$1 25	1 00					
Thorp.....	Thorp Tel. Co.....	1 00								1 00							
Tigerton.....	Marion & Northern Tel. Co.....	1 00															
Tomah.....	Tomah Electric & Tel. Co.....	1 25	1 00	\$1 00						1 00							
Tomahawk.....	Electric, Water & Tel. Co.....	1 00	1 00								25					50	
Trempealeau.....	Western Wis. Tel. Co.....	61 04															
Turtle Lake.....	City Tel. Co.....	1 50	1 00									1 00			16		
Turtle Lake.....	Frank E. Fisk Tel. Co.....	1 50	1 00									1 00			16		
Two Rivers.....	Two Rivers Tel. Co.....	1 50	1 00														
Union Grove.....	Union Grove Tel. Co.....									1 00							
Viola.....	La Crosse Interurban Tel. Co.....	1 00								1 00							
Viroqua.....	Viroqua Tel. Co.....	1 25	1 25		1 00					1 00							
Walworth.....	Walworth Tel. Exc. Co.....											1 33					

¹A rate of \$1.00 also quoted.

⁴A rate of \$2.00 also quoted.

²A rate of \$2.08 also quoted.

⁵Monthly guarantee.

³A rate of \$0.42 also quoted.

⁶A rate of \$2.08 also quoted.

Warrens	Warrens Land Co.									1 00									
Washburn	Bayfield County Tel. Co.	1 00			1 00					1 00				1 50					25
Waterloo	Interurban Tel. Co.	1 00	1 00							1 25				75					15
Waunakee	Waunakee Tel. Co.	1 00	1 00									1 00							25
Waupaca	Citizens Tel. Exc.	1 50	1 25		1 00									1 00					25
Waupaca	Rural Tel. Co.									1 00									
Waupaca	Waupaca Citizens Tel. Exc.	1 50	1 25		1 00														25
Wausau	Wausau Tel. Co.	1 50			1 50							3 50		1 00		25			16 1/2
Wausaukee	Amberg Tel. & Teleg. Co.	1 25												50					25
Wausaukee	Wausaukee Tel. Co.	1 00			1 00					1 00				50					25
Wautoma	Waushara Tel. Co.	1 50	1 25		1 00							1 25		1 00					
Welcome	Matteson Tel. Co.									free									
Westby	Westby Tel. Co.	1 00										1 00							
Westfield	Westfield Farmers Tel. Co.	83 1/2	83 1/2					83 1/2		83 1/2				free.					
West Salem	La Crosse Interurban Tel. Co.	1 00								21 00									
Weyauwega	Baldwin Mills Tel. Co.										1 00	1 25							
Weyauwega	Fox River Valley Tel. & Teleg. Co.	1 00	1 00	1 00						1 25									25
Wheatland	Burlington-Brighton-W. Tel. Co.									1 00									41 1/2
Wheeler	Knapp Tel. Co.																		
White Creek	Kilbourn-Friendship Tel. Co.									1 00									
Whitehall	Western Wis. Tel. Co.	32 08																	
Whitelaw	Manitowoc & Western Tel. Co.									21 25									
Wiota	Lafayette Tel. Co.									250									
Wild Rose	Waushara Tel. Co.				1 00														
Wilmot	Farmers New Era Tel. Co.				1 50			1 50											
Wilton	Ontario & Wilton Tel. Co.	1 00								1 00									
Wittenberg	Wittenberg Tel. Co.	1 00								1 25									
Wonewoc	Wonewoc Tel. Co.	1 00			1 00	\$1 00	1 00	1 00	1 00	1 00									
Wrightstown	Fox River Valley Tel. & Teleg. Co.				1 00					1 00									
Wyocena	Peoples Tel. Co.	1 00								1 25			15						
Wyocena	Pacific & Wyocena Tel. Co.																		
York	Central Wis. Tel. Co.		1 33 1/2							66 1/2									

¹ A rate of \$1.00 also quoted.

² A rate of \$1.50 also quoted.

³ A rate of \$1.04 also quoted.

PART X.

Statistics Affecting Railway Companies.

To the Hon. A. H. Dahl, State Treasurer: Herewith find statement showing bearing indebtedness, total mileage of railways within the state of Wisconsin, ending December 31, 1907, and being according to the provisions of section 1795.

Name of Company.	Total cost of railways in Wisconsin on Dec. 31, 1907.	Total gross receipts from operation in Wisconsin for year ending Dec. 31, 1907.	Total net earnings from operation (excluding taxes) in Wis. for year ending Dec. 31, 1907.	Total interest bearing indebtedness of railways in Wisconsin Dec. 31, 1907.
Abbotsford & Northeastern	\$232,000 00	\$34,453 93	\$3,064 44	\$120,000 00
Ahnapee & Western	864,500 00	79,156 77	36,060 64	425,000 00
Ashland, Odanah & Marengo		60,571 24	5,121 94	
Bayfield Transfer	3,406,953 55	21,932 44	320 83	1,696,093 88
Big Falls R'y Co.		11,103 67	859 89	2,500 00
Chi., Mil. & St. Paul	165,191,802 72	217,848,203 95	7,001,414 72	130,774,573 15
Chicago & Northwestern	163,238,270 19	19,103,453 81	7,061,461 61	140,622,876 58
C., St. P. M. & O.	323,649,564 57	6,458,238 93	41,868,737 09	312,693,864 24
Chi., Bur. & Quincy	812,302,560 68	3,940,853 12	1,253,063 85	84,313,036 80
Chi., Lake Shore & Eastern		128,132 03	57,376 63	
Chi. Harv. & Geneva Lake	367,678 16	14,752 96	2,916 63	77,357 16
Chicago & Lake Superior	53,483 77	6,099 32	941 95	
Chippewa River & Northern	10,785 74	8,804 73	51,597 70	
Chip. Valley & Northern	187,457 50	18,782 71	2,541 67	122,033 31
Drummond & Southwestern	203,733 35	23,050 86	305 37	50,000 00
Duluth, S. S. & Atlantic		421,263 10	33,337 62	
Dunbar & Wausaukee	71,033 02	33,197 24	11,929 10	
Fairchild & Northeastern	236,642 52	19,894 17	51,745 90	236,642 52
Great Northern		1,663,351 99	579,397 64	
Green Bay & Western	10,100,000 00	632,953 29	214,493 08	
Hawthorne, Nebag. & Sup.	30,811 15	33,019 55	19,241 17	
Hazelhurst & Southeastern	103,762 73	22,829 10	5,449 55	
Hillsboro & Northeastern	70,000 00	14,255 13	6,457 12	10,400 00
Illinois Central	3,213,519 35	132,522 54	538,381 06	1,725,139 00
Iola & Northern	71,400 00	7,164 72	465 02	
J. R. Davis Lbr. Co. Lg. Ry.	30,750 00	572 75	529,723 76	
Kewaunee, G. B. & West.	1,072,950 00	137,287 92	47,340 76	408,000 00
La Crosse & Southeastern	909,448 99	73,556 23	39,797 61	750,000 00
Lake Sup. Ter. & Transfer.	409,504 62	43,298 62	5127,670 14	195,000 00
Laona & Northern	137,634 15	19,530 62	5,380 63	73,738 94
Marathon County R'y Co.	35,854 08	10,930 16	5203 74	16,234 82
Marinette, Tom. & West.	510,416 12	667,617 10	22,515 59	399,182 79
Mineral Point & Northern	972,076 21	86,061 61	22,117 47	478,043 65
Mpolis., St. P. & S. Ste. M.	16,422,330 50	1,892,641 71	679,290 27	10,125,004 00
Northern Pacific		603,023 76	523,097 92	
Northwestern Coal R'y Co.	237,421 29	25,864 30	817 14	220,000 00
Oshkosh Transportation Co.	70,000 00	12,744 50	8,963 61	
Roddiss Lbr. & V. Co. Lg. Ry.		147 21		
Robbins R'y Co.	44,300 00	22,783 51	2,339 51	
Stanley, Merrill & Phillips.	606,091 49	133,653 93	20,283 13	533,000 00
Superior & Southeastern	165,412 06	40,801 63	15,020 59	
Whitcomb & Morris	12,268 19	3,679 82	5140 30	
Winona Bridge R'y Co.	9413,808 75	16,082 37	16,062 37	8201,319 68
Wisconsin Central	54,033,727 87	6,522,905 52	2,196,766 42	30,358,117 90
Wisconsin & Michigan	1,243,878 68	156,022 12	13,478 94	1,437,633 25
Wisconsin & Northern	1,175,797 95	24,447 41	296 79	542,426 00
Wisconsin, Ruby & South.		982 72	6722 40	
Wisconsin Western ⁹	521,400 00	35,069 31	4,213 30	
Wisconsin Northwestern	270,327 56	37,629 80	10,062 86	4,500 00
Mattoon	50,000 00	24,569 21	7,825 43	50,000 00
Mpolis., St. P. & Ashland.		4,018 00	261 60	
Tomahawk & Eastern ¹⁰		4,956 34	1,978 15	
Total	\$267,766,857 56	\$60,743,909 58	\$21,059,991 81	\$138,667,717 67

¹ Miles of road basis.

² Not including \$30,128.24, elevator receipts and rentals, not taxable.

³ Proportional, divided on miles owned basis.

⁴ Proportion of operating expenses divided on train mileage basis.

⁵ Deficit.

cost of each railway, total gross receipts, total net earnings, the total interest all as reported to this department by the companies named below as of the year Statutes of Wisconsin for 1898.

Amount of interest accrued upon indebtedness of railways in Wisconsin, year ending Dec. 31, 1907.	Amount of interest paid upon indebtedness of railways in Wisconsin, year ending Dec. 31, 1907.	Number of miles of operated railways in Wisconsin on Dec. 31, 1907.	Average amount earned per mile of road in Wisconsin for year ending Dec. 31, '07.	Rate of taxation of railways, year ending Dec. 31, 1907.	Amount of licence fee, year ending Dec. 31, 1907.
\$6,720 00	\$5,040 00	15.16	\$2,272 69	3 per cent	\$1,033 62
21,250 00	21,250 00	34.00	2,323 14	3 per cent	2,374 70
85,837 47	2,068 68	31.00	1,953 91	Assessed locally	
189 30	189 30	15.80	1,382 88	\$5 per mile	79 80
		21.00	528 74	\$5 per mile	105 00
11,451,398 90	11,069,548 83	1,757.73	10,154 12	4 per cent	713,928 16
11,947,544 87	11,972,394 89	1,972.49	9,684 95	4 per cent	764,138 35
8713,757 80	8712,899 23	757.89	8,521 34	4 per cent	258,329 56
	8182,788 99	222.57	17,706 15	4 per cent	157,634 32
3,900 00	3,900 00	19.46	6,584 88	4 per cent	5,125 28
3,963 75	747 14	6.00	2,458 82	3 per cent	442 59
		3.24	1,882 50	\$5 per mile and 2½ per cent..	47 18
		17.00	517 93	\$5 per mile	85 00
6,265 82	6,265 82	19.32	972 19	\$5 per mile	96 60
3,000 00	3,000 00	8.18	2,817 95	3½ per cent.	806 78
163,697 96	163,697 96	115.79	3,638 16	4 per cent	16,850 52
		13.50	2,459 05	3 per cent	995 92
	14,403 62	38.00	523 53	\$5 per mile	190 00
		37.69	44,132 45	4 per cent	66,534 08
		225.00	2,813 12	3½ per cent	22,153 36
		18.00	1,834 42	\$5 per mile and 2½ per cent..	240 49
		24.20	943 35	\$5 per mile	121 00
461 67	461 67	5.00	2,851 02	3½ per cent	498 93
88,256 95	88,256 95	91.31	1,451 35	\$5 per mile	455 55
		4.70	1,524.40	\$5 per mile and 2½ per cent..	26 37
		20.50	27 94	\$5 per mile	102 50
20,400 00	20,400 00	36.70	3,740 82	4 per cent	5,491 52
	37,500 00	40.81	1,924 93	\$5 per mile and 2½ per cent..	637 58
11,700 00	11,700 00	20.59	2,102 90	3 per cent	1,298 96
4,207 51	4,207 51	16.00	1,220 66	\$5 per mile	80 00
1,098 89	1,098 89	20.25	539 76	\$5 per mile	101 25
21,052 67	923.00	92.00	92,939 87	\$5 per mile and 2½ per cent...	396 78
23,793 65	22,500 00	30.60	2,812 47	3½ per cent	3,012 16
400,059 85	400,059 85	353.01	5,361 44	4 per cent	75,705 66
		145.74	4,137 67	4 per cent	24,120 95
11,000 00	11,000 00	8.00	3,233 04	4 per cent	1,034 57
		4.64	2,746 66	3½ per cent	446 06
		12.00	12 27	\$5 per mile	60 00
3,450 00	28.00	28.00	813 75	\$5 per mile	140 00
26,234 06	26,234 06	62.68	2,132 32	3 per cent	4,009 62
		25.20	1,619 11	\$5 per mile and 2½ per cent...	201 04
		6.00	613 30	\$5 per mile	30 00
810,065 98	810,065 98	0.54	29,745 13	2 per cent	321 25
1,239,250 46	1,234,117 41	586.99	7,353 98	4 per cent	260,916 22
60,148 64	2,731 32	93.49	1,668 86	\$5 per mile and 2½ per cent...	832 12
22,584 61	9,221 50	43.37	563 66	\$5 per mile	216 85
		5.00	196 54	\$5 per mile	25 00
		51.97	674 78	\$5 per mile	259 85
		26.00	1,447 30	\$5 per mile	130 00
3,000 00	23.36	23.36	836 83	\$5 per mile	146 80
		2.00	2,009 00	3 per cent	120 54
		20.77	238 63	\$5 per mile	103 85
\$6,352,290 81	\$6,085,749 60	7,487.30	\$8,112 92		\$2,392,265 29

⁶ This road operated 43.77 miles for seven months and then leased 20.77 miles to the Tomahawk & Eastern R. R. Co. License computed on full mileage basis, with gross earnings of the lessee added to the amount reported, making total gross earnings \$72,573.44, and earnings per mile \$1,658.06.

⁷ Not including \$12,618.48, not taxable.

⁸ Estimated.

⁹ For six months ending June 30.

¹⁰ Began operations August 12.

ITEMIZED STATEMENT OF EARNINGS—WISCONSIN, 1907.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross freight receipts.	Gross passenger receipts.	Gross mail receipts.	Gross express receipts.	Gross receipts extra baggage and storage.	Gross receipts other items.	Gross receipts elevators.	Net receipts land department.
Abbotsford & Northeastern	\$29,007 73	\$3,680 58	\$643 95	\$144 83				
Ahnapee & Western	39,096 97	32,826 73	3,044 01	3,260 77	\$723 29	3205 00		
Ashland, Odanah & Marengo	60,400 44	170 80						
Bayfield Transfer	20,826 68	1,013 40				92 36		
Big Falls Ry. Co.	10,500 05	314 65	288 97					
Chicago, Milwaukee & St. Paul	12,630,958 29	3,658,503 23	632,888 09	373,056 81	54,886 52	1520,775 39	\$27,173 83	
Chicago & Northwestern	13,669,450 33	4,271,779 16	324,212 73	458,210 01	70,716 29	309,090 29		
Chicago, St. Paul, Minneapolis & Omaha	4,500,841 98	1,733,512 43	93,260 86	150,872 67	26,247 85	58,377 92		
Chicago, Burlington & Quincy	3,178,881 32	672,198 42	37,955 17	21,130 20	11,921 55	17,907 41		
Chicago, Lake Shore & Eastern								
Chicago, Harvard & Geneva Lake	7,542 70	6,627 97	213 98	261 08	27	103 96		
Chicago & Lake Superior	3,185 23	2,310 20	160 00	353 57	90 32			
Chippewa River & Northern	8,298 01	114 75				392 02		
Chippewa Valley & Northern	18,770 51	12 20						
Drummond & Southwestern	23,050 83							
Duluth, South Shore & Atlantic	247,202 41	142,926 63	9,677 28	3,781 30	901 07	13,903 37		
Dunbar & Wausaukee	32,259 02	438 22				500 00		
Fairchild & Northeastern	13,418 02	4,787 72	1,410 12	113 65	103 80			
Great Northern	1,393,595 30	111,232 24	4,338 88	5,410 72	1,453 83	7,898 63		
Green Bay & Western	442,981 09	139,075 36	17,249 23	6,330 68	2,606 90	583 83		
Hawthorne, Nebagamon & Superior	31,564 46	57 09						
Hazelhurst & Southeastern	22,718 70	7 15		103 25				
Hillsboro & Northeastern	9,777 49	3,622 65	215 66	506 30	133 03			
Illinois Central	362,507 07	352,399 10	6,712 66	7,925 12	815 62	2,162 97		
Iola & Northern	5,464 77	1,379 66	223 78	64 39	10 12	22 00		

J. R. Davis Lumber Co., Logging Ry.....	572 75								
Kewaunee, Green Bay & Western	94,187 79	31,011 42	3,445 30	1,679 94	548 77	1,103 36			
La Crosse & Southeastern	32,031 60	39,289 71	1,435 66	1,200 00					
Lake Superior Terminal & Transfer					319 95				
Laona & Northern	19,318 27	212 35							
Marathon County Ry. Co.....	10,926 76	3 40							
Marinette, Tomahawk & Western	58,411 33	6,138 33	876 76	127 50	103 76	1,959 42			
Mineral Point & Northern.....	73,841 63	9,066 82	1,158 91	1,200 00	105 17	672 07			
Minneapolis, St. Paul & Sault Ste. Marie..	1,437,459 49	335,202 41	46,657 95	29,227 45	4,085 32	19,392 95			
Northern Pacific	382,831 97	188,093 66	6,241 73	20,390 93	2,448 21	15,605 74			
Northwestern Coal Ry. Co.....	25,834 30								
Oshkosh Transportation Co.....									
Roddis Lumber & Veneer Co., Logging Ry.....	147 21								
Robbins Ry. Co.....	22,783 51								
Stanley, Merrill & Phillips	124,390 11	7,944 45		60 52	2 90				
Superior & Southeastern	40,801 63								
Whitcomb & Morris	3,680 22								
Winona Bridge Ry. Co.....						416,062 37			
Wisconsin Central	4,890,307 98	1,333 602 94	105,038 62	141,657 92	14,839 12	16,298 27		\$174,132 23	
Wisconsin & Michigan	131,555 99	21,984 62	2,037 64	332 10	74 81	36 90			
Wisconsin & Northern	13,785 54	10,309 44	243 43						
Wisconsin, Ruby & Southern	732 71	250 00							
Wisconsin Western ¹	21,308 27	8,526 73	1,538 71	2,981 46	221 40	492 74			
Wisconsin Northwestern	35,956 61	1,673 19							
Mattoon	21,170 88	2,523 40				874 93			
Minneapolis, St. Paul & Ashland.....	4,668 32								
Tomahawk & Eastern	4,118 70	744 40	27 60	52 50	13 40				
Total	\$13,913,213 00	\$12,835,657 61	\$1,301,197 68	\$1,230,435 67	\$193,373 27	\$1,004,516 90	\$7,173 86	\$174,132 23	

¹ Includes \$22,954.38 rents, not taxable.

² Not taxable.

³ Less overcharges.

⁴ Tolls.

⁵ Report for six months ending June 30, 1907.

ITEMIZED STATEMENT OF EARNINGS—WISCONSIN, 1907—Concluded.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross amount received or charged for switching.	Gross amount expended for switching.	Gross amount received or charged for car mileage.	Gross amount expended for car mileage.	Gross amount received or charged for rentals of yards, tracks and terminals.	Gross amount of interest or dividends received on bonds owned.	Gross amount of interest or dividends received on stocks owned.	Gross amount of interest on deposits.	Gross amount of miscellaneous income.	Repayments, over-charge to shippers, tickets redeemed, and other deductions from earnings.
Abbotsford & Northeastern										
Ahnapee & Western								\$169 45		
Ashland, Odanah & Marengo										
Bayfield Transfer									\$92 36	
Big Falls Ry. Co.										
Chicago, Milwaukee & St. Paul						\$28,140 50	\$22,099 35	108,578 52	144,404 00	
Chicago & Northwestern										
Chicago, St. P., Mpls. & Omaha...	\$35,629 01	\$842 90	\$360,330 47	\$343,068 66	\$5,975 04					\$157,765 60
Chicago, Burlington & Quincy	884 05	1,968 00		212,903 06						
Chicago, Lake Shore & Eastern.....	70,851 50		1,053 21						20,980 00	
Chicago, Harvard & Geneva Lake....										
Chicago & Lake Superior										
Chippewa River & Northern										
Chippewa Valley & Northern										
Drummond & Southwestern										
Duluth, South Shore & Atlantic....	1,738 53	1,650 28		25,134 13	100 00			968 51	64 00	3,541 25
Dunbar & Wausaukee										
Fairchild & Northeastern	60 00	36 00	86	253 99						83 58
Great Northern	31,402 53	1,555 67	31,983 55	44,191 02	58,833 99				47,652 32	
Green Bay & Western	18,849 08		5,277 12			8,750 00		22,660 25	2,638 00	
Hawthorne, Nebagamon & Superior.	1,398 00		157 80							
Hazelhurst & Southeastern										
Hillsboro & Northeastern										
Illinois Central	769 00									3,377 58
Iola & Northern								295 25		

J. R. Davis Lbr. Co., Logging Ry.										
Kewaunee, Green Bay & Western	1,835 75		3,475 59					8,964 58		
La Crosse & Southeastern						750 00			3,819 26	
Lake Superior Terminal & Transfer	39,906 02		386 75		2,705 90					
Laona & Northern										
Marathon County Ry. Co.										
Marinette, Tomahawk & Western										646 18
Mineral Point & Northern	17 00									
Mpls., St. Paul & Sault Ste. Marie.	1,841 53			411,453 88					7,820 73	
Northern Pacific										1,994 29
Northwestern Coal Ry. Co.										
Oshkosh Transportation Co.	12,744 50									
Roddis L. & V. Co., Logging Ry.										
Robbins Ry. Co.										
Stanley, Merrill & Phillips	1,151 80								104 15	
Superior & Southeastern										
Whitcomb & Morris										
Winona Bridge Ry. Co.										
Wisconsin Central	717,340 78	2,587 81	618,460 42	635,588 44	3,819 89	3,698 19		34,251 16	5,427 07	87,220 40
Wisconsin & Michigan		8,776 77			6,024 36					
Wisconsin & Northern	50 00									
Wisconsin, Ruby & Southern		302 00							59 00	
Wisconsin Western ⁵				2,835 68	129 96					
Wisconsin Northwestern										
Mattoon										
Minneapolis, St. Paul & Ashland	4,018 00									
Tomahawk & Eastern										
Total	\$240,012 08	\$17,714 43	\$991,105 77	\$1,015,431 86	\$77,139 14	\$41,338 69	\$22,099 35	\$175,887 72	\$233,061 49	\$254,628 88

¹ Wisconsin proportional, divided on miles operated basis.

² Net amount.

³ Locomotive and car service.

⁴ Including hire of equipment.

⁵ Car service (demurrage).

⁶ Buildings and other property.

⁷ Covers last six months only; previously included in gross freight receipts.

⁸ Report for six months ending June 30.

ITEMIZED STATEMENT OF EARNINGS—WHOLE LINE, 1907.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross freight receipts.	Gross passenger receipts.	Gross mail receipts.	Gross express receipts.	Gross receipts, extra baggage and storage.	Gross receipts other items.	Gross receipts elevators.	Net receipts land department.
Abbotsford & Northeastern	\$29,007 73	\$3,680 58	\$643 95	\$144 83				
Ahnapee & Western	39,096 97	32,826 73	3,044 01	3,260 77	\$723 29	\$205 00		
Ashland, Odanah & Marengo	60,400 44	170 80						
Bayfield Transfer	20,826 68	1,013 40				92 36		
Big Falls Ry. Co.	10,500 05	314 65	288 97					
Chicago, Milwaukee & St. Paul	43,929,915 06	11,919,788 58	1,659,216 30	1,230,155 03	200,800 05	1,327,507 97	\$16,517 02	
Chicago & Northwestern	48,378,304 98	16,081,950 97	1,485,225 98	1,408,129 12	229,376 49	1,755,605 58		
Chicago, St. Paul, Minneapolis & Omaha	9,497,094 10	3,801,956 28	275,705 89	302,759 00	59,913 38	103,915 02		\$62,143 27
Chicago, Burlington & Quincy	57,916,170 90	18,824,401 12	2,337,678 98	1,946,567 39	292,255 94	2,416,491 57		
Chicago, Lake Shore & Eastern	4,576,968 48							
Chicago, Harvard & Geneva Lake	15,085 41	13,255 95	427 96	522 16	55	213 91		
Chicago & Lake Superior	3,185 23	2,310 20	160 00	353 57	90 32			
Chippewa River & Northern	8,298 01	114 75				392 02		
Chippewa Valley & Northern	18,770 51	12 20						
Drummond & Southwestern	23,050 86							
Duluth, South Shore & Atlantic	2,085,930 32	1,079,446 50	59,910 79	43,905 06	13,629 88	83,565 05		
Dunbar & Waussukee	32,259 02	438 22				500 00		
Fairchild & Northeastern	13,418 02	4,787 72	1,410 12	113 65		103 80		
Great Northern	43,429,857 66	10,782,526 90	1,263,225 80	752,896 31	154,780 74	616,393 21		
Great Bay & Western	445,143 80	140,842 61	17,365 03	6,373 16	2,606 90	583 83		
Hawthorne, Nebagamon & Superior	31,564 46	57 09						
Hazelhurst & Southeastern	22,718 70	7 15		103 25				
Hillsboro & Northeastern	9,777 49	3,622 65	215 66	506 30		133 03		
Illinois Central	38,682,415 26	11,355,727 08	914,411 20	1,242,083 21	172,395 20	7,700,815 83		
Iola & Northern	5,464 77	1,379 66	223 78	64 39	10 12	22 00		

J. R. Davis Lumber Co., Logging Ry.....	572 75								
Kewaunee, Green Bay & Western	94,187 79	31,011 42	3,445 30	1,679 94	548 77	1,103 36			
La Crosse & Southeastern	32,061 60	39,289 71	1,435 66	1,200 00					
Lake Superior Terminal & Transfer					319 95				
Laona & Northern	19,318 27	212 35							
Marathon County Ry. Co.....	10,926 76	3 40							
Marinette, Tomahawk & Western	58,411 33	6,138 33	876 76	127 50	103 76	1,959 42			
Mineral Point & Northern	73,841 63	9,066 82	1,158 91	1,200 00	105 17	672 07			
Minneapolis, St. Paul & Sault Ste. Marie	9,260,395 35	2,672,149 37	270,820 67	183,225 85	32,645 44	161,374 94			
Northern Pacific	51,407,204 32	18,361,382 82	1,005,105 20	1,322,597 38	268,752 33	566,707 35			
Northwestern Coal Ry. Co.....	25,864 30								
Oshkosh Transportation Co.....									
Roddis Lbr. & Veneer Co., Logging Ry..	147 21								
Robbins Ry. Co.....	22,783 51								
Stanley, Merrill & Phillips.....	124,390 11	7,944 45		60 52	2 90				
Superior & Southeastern	40,801 63								
Whitcomb & Morris	3,680 22								
Winona Bridge Ry. Co.....						130,637 62			
Wisconsin Central	5,829,714 50	1,644,494 11	124,798 70	171,299 32	17,519 24	35,598 89			
Wisconsin & Michigan	181,357 08	37,992 38	3,493 84	606 65	74 81	36 90			
Wisconsin & Northern	13,785 54	10,309 44	243 43						
Wisconsin, Ruby & Southern	732 71	250 00							
Wisconsin Western ²	21,308 27	8,526 73	1,533 71	2,981 46	221 40	492 74			
Wisconsin Northwestern	35,956 61	1,673 19							
Mattoon	21,170 88	2,523 40				874 93			
Minneapolis, St. Paul & Ashland									
Tomahawk & Eastern.....	4,118 70	744 40	27 60	52 50	13 40				
Total	\$316,570,955 98	\$36,834,344 11	\$9,432,099 20	\$8,622,968 32	\$1,447,126 86	\$14,805,761 57	\$16,517 02	\$82,143 27	

¹ Tolls.² Report for six months ending June 30.

ITEMIZED STATEMENT OF EARNINGS—WHOLE LINE, 1907.—Concluded.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross amount received or charged for switching.	Gross amount expended for switching.	Gross amount received or charged for car mileage.	Gross amount expended for car mileage.	Gross amount received or charged for rentals of yards, tracks and terminals.	Gross amount of interest or dividends received on bonds owned.	Gross amount of interest or dividends received on stocks owned.	Gross amount of interest on deposits.	Gross amount of miscellaneous income.	Repayments, overcharge to shippers, tickets re-deemed, and other deductions from earnings.
Abbotsford & Northeastern.....								\$169 45		
Ahnapee & Western										
Ashland, Odanah & Marengo.....									\$92 36	
Bayfield Transfer										
Big Falls R'y Co.....										
Chicago, Milwaukee & St. Paul....						\$115,000 00	\$90,312 00	443,720 95	590,126 69	
Chicago & Northwestern.....										
Chicago, St. P., Minn. & Omaha.....	\$114,606 88	\$39,806 35	\$811,025 84	\$772,171 19	\$84,274 46	4,325 05	95,124 42		9,901 88	\$371,963 15
Chicago, Burlington & Quincy.....	1,071,851 78	737,011 40		1,392,535 86						
Chicago, Lake Shore & Eastern.....	372,119 46		118,657 71		573 90			980 50	125,659 25	
Chicago, Harvard & Geneva Lake.....										
Chicago & Lake Superior.....										
Chippewa River & Northern.....										
Chippewa Valley & Northern.....										
Drummond & Southwestern.....										
Duluth, South Shore & Atlantic....	5,965 68	9,881 93		34,583 49	17,324 04			5,097 47	5,658 40	19,036 78
Dunbar & Wausaukee.....										
Fairchild & Northeastern.....	6,000 00	3,600 00	86	253 99						83 58
Great Northern	416,242 34	76,218 97	\$286,227 09	\$119,054 32	209,063 39	259,635 09	1,003,779 94	1,251,283 93	338,460 32	
Green Bay & Western.....	18,849 08		5,277 12			8,750 00		22,660 25	2,633 00	
Hawthorne, Nebagamon & Super.....	1,398 00		157 80							
Hazelhurst & Southeastern.....										
Hillsboro & Northeastern.....										
Illinois Central	430,402 90	69,136 05	3,845,033 90	3,194,244 88	468,819 52	2,430,491 21	421,815 00		\$337,260 25	269,284 09
Iola & Northern								295 25		

J. R. Davis Lbr. Co., Logging R'y	1,835 75		3,475 59					8,964 58		
Kewaunee, Green Bay & Western										
La Crosse & Southeastern						750 00			3,819 26	
Lake Superior Terminal & Trans.	39,906 02		386 75		2,705 90					
Laona & Northern										
Marathon County R'y Co.										
Marinette, Tomahawk & Western										
Mineral Point & Northern	17 00									646 18
Mpolis., St. P., & S. Ste. Marie.	8,811 93			376,964 09					113,760 09	
Northern Pacific			7539,705 33	145,605 41	(9)...	481,266 00	368,844 00	1,204,093 78	1075,723 41	370,485 98
Northwestern Coal R'y Co.										
Oshkosh Transportation Co.	12,744 50									
Roddis Lbr. & V. Co. Lg. Ry.										
Robbins R'y Co.										
Stanley, Merrill & Phillips	1,151 80									104 15
Superior & Southeastern										
Whitcomb & Morris										
Winona Bridge R'y Co.										
Wisconsin Central	120,005 75	3,037 34	725,892 51	745,995 82	13,615 34	4,099 99		37,972 46	6,017 37	99,722 49
Wisconsin & Michigan		12,591 68			8,632 27					
Wisconsin & Northern	50 00	302 00								59 00
Wisconsin, Ruby & Southern										
Wisconsin Western ¹²				2,835 68	129 96					
Wisconsin Northwestern										
Mattoon										
Mpolis., St. Paul & Ashland	4,018 00									
Tomahawk & Eastern										
Total	\$2,525,976 87	\$951,635 67	\$6,335,820 50	\$5,484,244 73	\$805,138 78	\$3,354,317 34	\$1,979,875 36	\$2,975,238 62	\$1,534,759 93	\$1,131,222 25

¹ Net amount.

² Locomotive and car service.

³ Including hire of equipment.

⁴ Credit.

⁵ Car service (demurrage).

⁶ Buildings and other property.

⁷ January to June included in operating expenses.

⁸ July to December included in income account.

⁹ Included in earnings, January to June, \$163,060.27; in income, July to December, \$205,947.75.

¹⁰ Including \$444,665.03 "Outside Operations," July to December.

¹¹ Covers last six months only; previously included in gross freight receipts.

¹² Report for six months, ending June 30.

SUMMARY OF EARNINGS—WISCONSIN AND WHOLE LINE, 1907.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Passenger.		Freight.		Mail, Express and Transportation and Car Companies and all other sources.		Total.	
	Wisconsin.	Whole line.	Wisconsin.	Whole line.	Wisconsin.	Whole line.	Wisconsin.	Whole line.
Abbotsford & Northeastern.....	\$3,680 58	\$3,680 58	\$29,007 73	\$29,007 73	\$1,765 62	\$1,765 62	\$34,453 93	\$34,453 93
Ahnapee & Western.....	32,826 73	32,826 73	39,096 97	39,096 97	7,233 07	7,233 07	79,156 77	79,156 77
Ashland, Odanah & Marengo.....	170 80	170 80	60,400 44	60,400 44	.....	.....	60,571 24	60,571 24
Bayfield Transfer.....	1,013 40	1,013 40	20,826 68	20,826 68	92 36	92 36	21,932 44	21,932 44
Big Falls R'y Co.....	314 65	314 65	10,500 05	10,500 05	288 97	288 97	11,103 67	11,103 67
Chicago, Milwaukee & St. Paul.....	3,658,593 23	11,919,788 58	12,630,958 29	43,929,915 06	1,558,652 43	4,434,196 37	17,848,203 95	60,283,900 01
Chicago & Northwestern.....	4,271,779 16	16,081,950 97	13,669,450 33	48,378,304 93	1,162,229 32	4,878,337 17	19,103,458 81	69,338,593 12
Chicago, St. Paul, Minneapolis & Omaha.....	1,706,183 29	3,738,995 10	4,370,405 52	9,188,092 13	381,650 12	895,754 82	6,458,238 93	13,822,842 05
Chicago, Burlington & Quincy.....	672,198 42	18,824,401 12	3,178,881 32	57,916,170 90	89,778 38	6,995,950 91	3,940,858 12	83,736,522 93
Chicago, Lake Shore & Eastern.....	.....	.....	35,247 37	4,576,968 48	92,884 71	617,990 82	128,132 08	5,194,959 30
Chicago, Harvard & Geneva Lake.....	6,627 97	13,255 95	7,542 70	15,085 41	532 28	1,164 58	14,752 95	29,505 94
Chicago & Lake Superior.....	2,310 20	2,310 20	3,185 23	3,185 23	603 89	603 89	6,099 32	6,099 32
Chippewa River & Northern.....	114 75	114 75	8,298 01	8,298 01	392 02	392 02	8,304 78	8,304 78
Chippewa Valley & Northern.....	12 20	12 20	18,770 51	18,770 51	.....	.....	18,782 71	18,782 71
Drummond & Southwestern.....	.....	.....	23,050 83	23,050 83	.....	.....	23,050 86	23,050 86
Duluth, South Shore & Atlantic.....	143,349 48	1,083,312 74	247,202 41	2,088,930 32	30,711 21	228,190 13	421,263 10	3,403,433 19
Dunbar & Wausaukee.....	433 22	433 22	32,257 02	32,259 02	500 00	500 00	33,197 24	33,197 24
Fairchild & Northeastern.....	4,891 52	4,891 52	13,418 02	13,418 02	1,584 63	1,584 63	19,894 17	19,894 17
Great Northern.....	111,232 24	10,782,526 90	1,393,595 30	43,429,857 66	158,524 45	6,551,988 16	1,663,351 99	60,764,372 72
Green Bay & Western.....	139,075 36	140,842 61	442,981 09	445,143 80	50,896 84	51,055 12	632,953 29	637,041 53
Hawthorne, Nebagamon & Superior.....	57 09	57 09	31,534 46	31,534 46	1,398 00	1,398 00	33,019 55	33,019 55
Hazelhurst & Southeastern.....	7 15	7 15	22,718 70	22,718 70	103 25	103 25	22,829 10	22,829 10
Hillsboro & Northeastern.....	3,622 65	3,622 65	9,777 49	9,777 49	854 99	854 99	14,255 13	14,255 13
Illinois Central.....	52,399 10	11,355,727 08	62,507 07	38,682,415 26	17,616 37	10,029,705 44	132,522 54	60,037,847 78
Iola & Northern.....	1,379 66	1,379 66	5,464 77	5,464 77	320 29	320 29	7,164 72	7,164 72

J. R. Davis Lumber Co., Logging R'y.			572 75	572 75			572 75	572 75
Kewaunee, Green Bay & Western	31,011 42	31,011 42	94,187 79	94,187 79	12,088 71	12,088 71	137,287 92	137,287 92
La Crosse and Southeastern	39,289 71	39,289 71	32,061 60	32,061 60	7,204 92	7,204 92	78,556 23	78,556 23
Lake Superior Terminal & Transfer					43,298 62	43,298 62	43,298 62	43,298 62
Laona & Northern	212 35	212 35	19,318 27	19,318 27			19,530 62	19,530 62
Marathon County R'y Co.	3 40	3 40	10,926 76	10,926 76			10,930 16	10,930 16
Marinette, Tomahawk & Western	6,138 33	6,138 33	58,411 33	58,411 33	3,067 44	3,067 44	67,617 10	67,617 10
Mineral Point & Northern	9,066 82	9,066 82	73,841 63	73,841 63	3,153 15	3,153 15	86,061 60	86,061 60
Mpolis., St. Paul & Sault Ste. Marie	335,202 41	2,672,149 37	1,437,459 49	9,280,395 35	119,979 81	847,603 01	1,892,641 71	12,780,147 73
Northern Pacific	190,541 87	18,630,135 15	382,861 97	51,407,204 32	42,238 40	2,894,409 93	615,642 24	72,931,740 40
Northwestern Coal R'y Co.			25,834 30	25,834 30			25,864 30	25,834 30
Oshkosh Transportation Co.					12,744 50	12,744 50	12,744 50	12,744 50
Roddis Lbr. & Veneer Co., Logging R'y			147 21	147 21			147 21	147 21
Robbins R'y Co.			22,783 51	22,783 51			22,783 51	22,783 51
Stanley, Merrill & Phillips	7,944 45	7,944 45	124,390 11	124,390 11	1,319 37	1,319 37	133,653 93	133,653 93
Superior & Southeastern			40,801 63	40,801 63			40,801 63	40,801 63
Whitcomb & Morris			3,679 82	3,679 82			3,679 82	3,679 82
Winona Bridge R'y Co.					16,062 37	30,637 62	16,062 37	30,637 62
Wisconsin Central	1,348,341 26	1,661,838 55	4,890,307 98	5,829,714 50	284,256 26	365,442 80	6,522,905 52	7,857,045 85
Wisconsin & Michigan	21,984 62	37,992 38	131,555 99	181,357 08	2,481 51	4,212 26	156,022 12	223,551 72
Wisconsin & Northern	10,309 44	10,309 44	13,785 54	13,785 54	352 43	352 43	24,447 41	24,447 41
Wisconsin, Ruby & Southern			732 31	732 31	250 00	250 00	982 71	982 71
Wisconsin Western ²	8,526 73	8,526 73	21,308 27	21,308 27	5,234 31	5,234 31	35,069 31	35,039 31
Wisconsin Northwestern	1,673 19	1,673 19	35,956 61	35,956 61			37,629 89	37,629 89
Mattoon	2,523 40	2,523 40	21,170 88	21,170 88	874 93	874 93	24,539 21	24,539 21
Minneapolis, St. Paul & Ashland					4,018 00	4,018 00	4,018 00	4,018 00
Tomahawk & Eastern	744 40	744 40	4,118 70	4,118 70	93 24	93 24	4,956 34	4,956 34
Total	\$12,825,791 65	\$97,114,249 74	\$43,813,355 19	\$316,261,953 61	\$4,117,381 19	\$38,935,475 85	\$60,756,528 03	\$452,311,679 20

¹ Commencing with July 1, revenue accounts are in accordance with new classification of interstate commerce commission.

² For six months ending June 30.

TOTAL AMOUNTS PAID—WISCONSIN, 1907.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Construc- tion.	Equip- ment.	Oper- ation.	Taxes.	Interest.	Rentals.	Divi- dends.	All other purposes.	Total amount paid during year.
Abbotsford & Northeastern.....			\$28,389 40	\$1,305 33	\$6,720 00			\$0.15	\$36,414 97
Ahnapee & Western			43,096 13	2,135 34	21,250 00				66,481 47
Ashland, Odanah & Marengo		\$212 36	55,449 30					168 03	55,829 69
Bayfield Transfer	\$342 17	3,534 15	21,611 61	271 80	2,068 68				27,828 41
Big Falls R'y Co.			10,243 78	273 76	189 30	\$1,680 00			12,388 84
Chicago, Milwaukee & St. Paul	11,155,179 40	11,561,221 70	210,846,789 23	899,784 83	11,451,398 90		12,274,756 04		18,189,130 10
Chicago & Northwestern	1,677,758 70	1,137,748 02	12,041,997 20	643,563 08	1,972,394 89	73,855 30	2,003,421 05	\$62,160 38	19,617,896 62
Chicago, St. Paul, Minneapolis & Omaha.....	275,795 90	457,458 33	54,589,501 84	305,562 57	473,757 80		4951,216 77		6,893,293 21
Chicago, Burlington & Quincy	8,876 07	33,035 94	2,687,794 27	136,799 26	182,788 99		383,059 93	27,949 55	3,480,324 01
Chicago, Lake Shore & Eastern	\$1,644 00	6,946 80	70,755 45	4,380 20	3,900 00	105,750 00	(?)	8,488 00	201,832 45
Chicago, Harvard & Geneva Lake	1,507 75	1,116 38	11,836 33	312 82	747 14	268 00			15,783 42
Chicago & Lake Superior.....			5,157 37	51 70	28 20				5,237 27
Chippewa River & Northern			10,402 48	383 26					10,785 74
Chippewa Valley & Northern	12,831 34		16,241 04	196 11	1,211 67			973 07	31,453 23
Drummond & Southwestern.....			22,745 49	624 27	3,000 00				26,369 76
Duluth, South Shore & Atlantic	(?)	(?)	381,535 71	13,985 46	163,697 96	11,140 81		6,359 77	576,749 71
Dunbar & Wausaukee			21,268 14	766 53					22,034 67
Fairchild & Northeastern.....	8,004 92	1,101 57	21,643 07	1,259 30	14,403 62	15 00		8,865 44	55,092 92
Great Northern	(?)	(?)	1,083,454 35	99,179 67	(?)	(?)	(?)	(?)	1,182,634 02
Green Bay & Western		27,750 00	418,460 21	22,041 37		1,759 26	155,000 00		625,010 84
Hawthorne, Nebagamon & Superior			13,778 38	711 78					14,490 16
Hazelhurst & Southeastern			17,343 28	273 76		1 00	5,000 00		22,618 04
Hillsboro & Northeastern			7,843 01	136 88	461 67		2,964 00		11,405 56
Illinois Central	5,902 04	(?)	170,903 60	11,568 59	86,256 95	(?)	(?)		274,631 18
Iola & Northern			6,699 70	109 50					6,809 20
J. R. Davis Lumber Co., Logging R'y.....	190 04	6,807 35	30,296 51	547 52					37,841 42
Kewaunee, Green Bay & Western			89,947 16	4,843 97	20,400 00	54 00			115,245 13
La Crosse and Southeastern			38,758 62	3,613 66	37,500 00	3,000 00			82,872 28
Lake Superior Terminal & Transfer	33,350 37	27,300 67	170,968 76	473 07	11,700 00	\$2,666 17			246,459 04
Laona & Northern	741 67	2,328 66	14,149 99	328 51	4,207 51			694 57	22,450 91

Marathon County R'y Co.	1,234 66	213 66	11,133 90	298 26	1,098 89			657 24	14,636 61
Marinette, Tomahawk & Western			45,101 51	1,303 32					46,404 83
Mineral Point & Northern	1,374 93	421 18	63,944 13	3,011 38	22,500 00	1,128 20			92,379 82
Minneapolis, St. Paul & Sault Ste. Marie ..	307,042 60	369,882 79	1,213,351 44	118,000 00	400,059 85		162,390 66	61,533 03	2,632,260 37
Northern Pacific			638,740 16	940,000 00		1,542 29			680,282 45
Northwestern Coal R'y Co.			25,047 16	957 48	11,000 00				37,004 64
Oshkosh Transportation Co.			3,780 89	854 13			8,202 50		12,837 52
Roddis Lumber & Veneer Co., Logging R'y			7,376 36	372 30					7,748 66
Robbins R'y Co.			20,444 00	514 67	3,450 00				24,408 67
Stanley, Merrill & Phillips	5,160 36	25 00	113,370 80	1,533 07	26,234 06	300 00			146,623 29
Superior & Southeastern	39,346 16	3,371 14	25,781 04	133 50					88,631 84
Whitcomb & Morris			3,820 52	109 56					3,930 08
Winona Bridge R'y Co.			(10)	1,642 57	10,065 98				11,708 55
Wisconsin Central	3,396,834 90	126,761 24	4,326,139 10	288,670 69	992,522 73	310,732 18		3,052 79	9,444,713 63
Wisconsin & Michigan	45,283 21	116,619 82	142,543 18	3,285 15	2,731 31	6,024 36		8,471 73	207,719 12
Wisconsin & Northern	442,412 40	11,695 78	24,150 62	1,368 81	9,221 50				488,849 11
Wisconsin, Ruby & Southern		600 00	1,705 11						2,305 11
Wisconsin Western ¹²			30,851 01	140 95					30,991 96
Wisconsin Northwestern	11,743 32	87 84	27,347 93	219 01	(13)	(14)			42,129 80
Mattoon	2,613 83	1,551 00	9,535 60	657 03	3,000 00			2,731 70	20,400 81
Minneapolis, St. Paul & Ashland			3,756 40	10 00					4,668 32
Tomahawk & Eastern			2,978 19					901 92	4,922 61
								1,944 42	
Total	\$7,435,170 74	\$3,380,571 74	\$39,689,990 55	\$2,618,565 78	\$6,179,967 60	\$522,762 91	\$5,951,010 95	\$194,946 80	\$65,972,987 07

¹Miles of road basis.
²Revenue train mile basis.
³Sinking funds, etc.
⁴Miles owned basis.
⁵Train mileage basis.
⁶Including improvements.
⁷Not given.
⁸Hire of equipment.

⁹Estimated.
¹⁰No operation charges reported; company was reimbursed for same by tenant companies.
¹¹Credit.
¹²For 6 months ending June 30.
¹³Included in operating expenses.
¹⁴Deducted from freight earnings.

TOTAL AMOUNTS PAID—WHOLE LINE, 1907.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Construc- tion.	Equipment.	Operation.	Taxes.	Interest.	Rentals.	Dividends.	All other purposes.	Total amount paid during year.
Abbotsford & Northeastern.....			\$28,389 49	\$1,305 33	\$6,720 00			\$0 15	\$36,414 97
Ahnapee & Western.....			43,096 13	2,135 34	21,250 00				66,481 47
Ashland, Odanah & Marengo.....		\$212 36	57,449 30					168 03	57,829 69
Bayfield Transfer.....	\$342 17	3,534 15	21,611 61	271 80	2,068 68				27,828 41
Big Falls R'y Co.....			10,243 78	273 76	189 30	\$1,680 00			12,383 84
Chicago, Mil. & St. Paul.....	4,720,798 51	6,380,145 90	40,869,590 16	2,169,914 89	5,931,340 00		\$9,296,101 50		69,367,890 87
Chicago & Northwestern.....	6,607,472 70	4,480,762 93	46,680,085 49	2,494,733 94	7,787,830 59	290,832 42	7,909,711 50	1244,804 59	76,476,234 16
Chi., St. P., Mpolis. & Omaha.....	587,308 37	124,638 54	9,294,232 40	620,693 97	1,565,945 16	154,598 15	2,086,917 00		14,434,353 59
Chicago, Burl. & Quincy.....	10,825,416 83	1,291,247 64	62,842,735 05	3,168,784 89	7,140,195 00		14,963,278 50	1,091,779 60	101,323,437 51
Chicago, L. S. & Eastern.....	21,327,453 99	2,225,551 15	3,342,371 85	36,319 90	180,774 08	528,000 00	1,600,000 00	342,328 32	9,582,799 29
Chi., Harvard & Geneva Lake.....	3,015 50	2,232 76	23,672 66	491 91	1,494 29	536 00			31,443 12
Chicago & Lake Superior.....			5,157 37	51 70	28 20				5,237 27
Chippewa River & Northern.....			10,402 48	383 26					10,785 74
Chippewa Valley & Northern.....	12,831 34		16,241 04	196 11	1,211 67			973 07	31,453 23
Drummond & Southwestern.....			22,745 49	624 27	3,000 00				26,369 76
Duluth, South Shore & Atl....	100,385 29	259,233 96	2,449,732 46	186,213 75	889,943 21	37,858 54		32,701 81	3,956,119 02
Dunbar & Wausaukee.....			21,268 14	766 53					22,034 67
Fairchild & Northeastern.....	8,004 92	1,101 57	21,643 07	1,259 30	14,403 62	15 00		8,665 44	55,032 92
Great Northern.....	8,835,305 44	10,532,905 21	36,629,098 62	2,161,003 34	2,696,976 36	3,353,960 40	10,470,505 50	24,410,232 36	99,089,987 23
Green Bay & Western.....		27,750 00	418,460 21	22,041 37		1,759 26	155,000 00		625,010 84
Hawthorne, Nebag. & Sup....			13,778 38	711 78					14,490 15
Hazelhurst & Southeastern.....			17,343 28	273 76		1 00	5,000 00		22,618 04
Hillsboro & Northeastern.....			7,843 01	136 88	461 67		2,964 00		11,405 56
Illinois Central.....	1,806,416 30	4,164,058 38	42,169,235 25	2,239,284 18	4,741,610 00	2,602,435 43	6,652,800 00		64,375,839 54
Iola & Northern.....			6,699 70	109 50					6,899 20

J. R. Davis Lbr. Co. Lg. Ry.	190 04	6,807 35	30,296 51	547 52						37,841 42
Kewaunee, G. B. & Western			89,947 16	4,813 97	20,400 00	54 00				115,245 13
La Crosse & Southeastern			38,758 62	3,613 63	37,500 00	3,000 00				82,872 25
Lake Sup. Term. & Transfer	33,350 37	27,300 67	170,988 76	473 07	11,700 00	32,666 17				246,450 04
Laona & Northern	741 67	2,328 66	14,149 99	328 51	4,207 51			694 57		22,459 91
Marathon County R'y Co.	1,234 66	213 66	11,133 90	236 26	1,098 83			657 24		14,636 61
Marinette, Tomahawk & W.			45,101 51	1,303 32						46,404 83
Mineral Point & Northern	1,374 93	421 18	63,944 13	3,011 38	22,500 00	1,128 20				92,379 82
Mpolis., St. P. & S. Ste. M.	3,262,586 67	2,397,943 41	7,953,538 16	752,978 70	2,151,612 15	117,418 27	1,040,299 00	948,128 37	18,624,504 73	
Northern Pacific	18,680,564 36	11,843,937 41	42,653,954 44	42,552,810 00	8,026,719 98	221,235 68	10,850,000 00	5,926,753 00	100,755,974 87	
Northwestern Coal R'y Co.			25,047 16	957 48	11,000 00					37,004 64
Oshkosh Transportation Co.			3,780 89	854 13			8,202 50			12,837 52
Roddis Lbr. & V. Co. Lg. Ry.			7,376 36	372 30						7,748 66
Robbins R'y Co.			20,444 00	514 67	3,450 00					24,408 67
Stanley, Merrill & Phillips	5,160 36	25 00	113,370 80	1,533 07	23,234 06	300 00				146,623 29
Superior & Southeastern	39,346 16	3,371 14	25,781 04	133 50						62,631 84
Whitcomb & Morris			3,820 52	109 53						3,930 08
Winona Bridge R'y Co.			(¹)	2,172 78	19,200 00					21,372 78
Wisconsin Central	3,765,892 35	140,533 52	5,077,628 03	330,803 14	1,100,357 81	364,709 14		3,384 47	10,783,311 49	
Wisconsin & Michigan	46,982 41	61,121 82	204,248 77	7,285 15	5,018 59	8,632 27		17,143 09		288,188 46
Wisconsin & Northern	442,412 40	11,695 78	24,150 62	1,368 81	9,221 50					488,849 11
Wisconsin, Ruby & Southern		600 00	1,705 11							2,305 11
Wisconsin Western			30,851 01	140 95						30,991 96
Wisconsin Northwestern	11,743 32	87 84	27,347 93	219 01	(⁸)	(⁹)		2,731 70		42,129 80
Mattoon	2,613 83	1,551 00	9,535 60	657 03	3,000 00			3,043 35		20,400 81
Mpolis., St. Paul & Ashland			3,756 40	10 00		901 92				4,668 32
Tomahawk & Eastern			2,978 19			1,944 42				4,922 61
Total	\$61,128,944 89	\$43,929,119 35	\$301,674,762 06	\$16,775,324 34	\$42,418,662 32	\$7,693,696 27	\$65,040,779 50	\$33,034,189 16	\$571,695,477 89	

¹ Sinking fund, etc.

² Including improvements.

³ Hire of equipment.

⁴ Estimated.

⁵ No operation charges reported; company was reimbursed by tenant companies.

⁶ Credit.

⁷ For six months ending June 30.

⁸ Included in operating expenses.

⁹ Deducted from freight earnings.

CAPITAL STOCK AND DIVI-

Capital Stock of and Dividends Declared by Railroads in Wisconsin

Name of Company.	Number of shares authorized.		Par value of shares.	Total par value authorized.	
	Common.	Pre-ferred.		Common.	Preferred.
Abbotsford & Northeastern.....	1,200		\$100 00	\$120,000 00	
Ahnapee & Western.....	5,000		100 00	500,000 00	
Ashland, Odanah & Marengo.....	1,000		100 00	100,000 00	
Bayfield Transfer.....	30,000		100 00	3,000,000 00	
Big Falls R'y Co.....	10		100 00	1,000 00	
Chicago, Milwaukee & St. Paul ¹	(²)	(²)	100 00	(²)	(²)
Chicago & Northwestern ³	4508,421		100 00	450,842,207 28	
Chicago, St. P., Minn. & Omaha..	(²)	(²)		(²)	(²)
Chicago, Burlington & Quincy.....					
Chicago, Lake Shore & Eastern.....					
Chicago, Harvard & Geneva Lake					
Chicago & Lake Superior.....	10,000		100 00	1,000,000 00	
Chippewa River & Northern.....	250		100 00	25,000 00	
Chippewa Valley & Northern.....	150		1,000 00	150,000 00	
Drummond & Southwestern.....	100		100 00	10,000 00	
Duluth, South Shore & Atlantic..					
Duluth, Superior & West'n Term.	20,000		100 00	2,000,000 00	
Dunbar & Wausaukee.....					
Fairchild & Northeastern.....	250		100 00	25,000 00	
Great Northern.....					
Green Bay & Western.....	25,000		100 00	2,500,000 00	
Hawthorne, Nebagamon & Sup'r.					
Hazelhurst & Southeastern.....	4,000		25 00	100,000 00	
Hillsboro & Northeastern.....	500		100 00	50,000 00	
Illinois Central.....					
Iola & Northern.....	17,000		100 00	1,700,000 00	
J. R. Davis Lbr. Co., Logging R'y					
Kewaunee, Green Bay & West'n	4,800	2,000	100 00	480,000 00	\$200,000 00
La Crosse & Southeastern.....	10,000		100 00	1,000,000 00	
Lake Superior Term'l & Transfe.	12,000		100 00	1,200,000 00	
Laona & Northern.....	500		100 00	50,000 00	
Marathon County R'y Co.....	400		100 00	40,000 00	
Marinette, Tomahawk & West'n.	10,000		100 00	1,000,000 00	
Mineral Point & Northern.....	5,500		100 00	550,000 00	
Minneapolis, St. P. & S. Ste. Marie.	25,872	12,936	100 00	2,587,200 00	1,293,600 00
Northern Pacific.....					
Northwestern Coal R'y Co.....	10,000		100 00	1,000,000 00	
Oshkosh Transportation Co.....	700		100 00	70,000 00	
Roddis Lbr. & Veneer Co., Log. R'y					
Robbins R'y Co.....	300		100 00	30,000 00	
Stanley, Merrill & Phillips.....	1,000		100 00	100,000 00	
Superior & Southeastern.....	500		100 00	50,000 00	
Tomahawk & Eastern.....	250		100 00	25,000 00	
Whitcomb & Morris.....	100		100 00	10,000 00	
Winona Bridge R'y Co.....					
Wisconsin Central.....					
Wisconsin & Michigan.....	4,655		100 00	465,500 00	
Wisconsin & Northern.....	10,000		100 00	1,000,000 00	
Wisconsin, Ruby & Southern.....					
Waupaca-Green Bay.....	1,500		100 00	150,000 00	
Milwaukee, Bay View & Chicago	1,000		100 00	100,000 00	
Wisconsin Northwestern.....	3,000		100 00	300,000 00	
Mattoon R'y Co.....	100		100 00	10,000 00	
Total.....	725,058	14,936		72,320,907 28	\$1,493,600 00

¹ Road mileage basis.² Not apportioned.³ Proportional.

DENDS, WISCONSIN, 1908.

as Reported to the Railroad Commission for the Year Ending June 30, 1908.

Amount issued and outstanding.			Dividends declared during year.			
Common.	Preferred.	Total.	Common.		Preferred.	
			Rate. per ct.	Amount.	Rate. per ct.	Amount.
\$120,000 00		\$120,000 00				
439,500 00		439,500 00				
100,000 00		100,000 00				
1,675,400 00		1,675,400 00				
1,000 00		1,000 00				
120,350,883 18	\$12,204,236 88	132,565,120 03	7	\$1,420,632 77	7	\$852,390 60
\$25,927,475 30	\$5,691,784 74	\$31,619,260 01	7	1,893,438 88	8	433,383 36
\$9,755,621 10	\$5,704,426 61	\$15,520,047 71	7	592,054 12	7	359,159 46
		18,000 00				
18,000 00		18,000 00				
58,000 00		58,000 00				
10,000 00		10,000 00				
2,000,000 00		2,000,000 00	7	140,000 00		
500 00		500 00				
2,500,000 00		2,500,000 00	5	125,000 00		
100,000 00		100,000 00	5	5,000 00		
49,470 00		49,470 00	6	2,968 20		
71,400 00		71,400 00				
465,750 00	199,200 00	664,950 00				
105,400 00		105,400 00				
215,400 00		215,400 00				
50,000 00		50,000 00				
40,000 00		40,000 00				
161,500 00		161,500 00				
550,000 00		550,000 00				
2,383,971 33	1,191,985 67	3,575,757 00	2 & 3	106,724 31	7	75,263 50
1,000,000 00		1,000,000 00				
70,000 00		70,000 00	9.88	6,918 88		
30,000 00		30,000 00				
100,000 00		100,000 00				
50,000 00		50,000 00				
1,000 00		1,000 00				
10,000 00		10,000 00				
465,500 00		465,500 00				
700,000 00		700,000 00				
60,920 00		60,920 00				
100,000 00		100,000 00		5,750 00		
300,000 00		300,000 00				
4,000 00		4,000 00				
\$70,050,690 91	\$25,051,633 90	\$95,102,324 81		\$4,203,487 10		\$927,357 13

⁴ Common and preferred stock.

⁶ Determined by net earnings.

CAPITAL STOCK AND DIVI-
Capital Stock of and Dividends Declared by Railroads Operating in Wisconsin.

Name of Company.	Number of shares authorized.		Par value of shares.	Total par value authorized.	
	Common	Pre-ferred.		Common.	Preferred.
Abbotsford & Northeastern.....	1,200		\$100 00	\$120,000 00	
Ahnapee & Western.....	5,000		100 00	500,000 00	
Ashland, Odanah & Marengo.....	1,000		100 00	100,000 00	
Bayfield Transfer.....	30,000		100 00	3,000,000 00	
Big Falls Ry. Co.....	10		100 00	1,000 00	
Chicago, Milwaukee & St. Paul.....	(1)	(1)	100 00	(1)	(1)
Chicago & Northwestern.....	2,000,800		100 00	200,080,000 00	
Chicago, St. Paul, M. & O.....	300,000	200,000	100 00	30,000,000 00	\$20,000,000 00
Chicago, Burlington & Quincy.....	1,108,391		100 00	119,839,100 00	
Chicago, Lake Shore & Eastern.....	27,600		100 00	2,760,000 00	
Chicago, Harvard & Geneva Lake	1,500		100 00	150,000 00	
Chicago & Lake Superior.....	10,000		100 00	1,000,000 00	
Chippewa River & Northern.....	250		100 00	25,000 00	
Chippewa Valley & Northern.....	150		1,000 00	150,000 00	
Drummond & Southwestern.....	100		100 00	10,000 00	
Duluth, South Shore & Atlantic.....	120,000	100,000	100 00	12,000,000 00	10,000,000 00
Duluth, Superior & Western Ter.	20,000		100 00	2,000,000 00	
Dunbar & Wausaukee.....					
Fairchild & Northeastern.....	250		100 00	25,000 00	
Great Northern.....	2,100,000		100 00	210,000,000 00	
Green Bay & Western.....	25,000		100 00	2,500,000 00	
Hawthorne, Nebagamon & S.....					
Hazelhurst & Southeastern.....	4,000		25 00	100,000 00	
Hillsboro & Northeastern.....	500		100 00	50,000 00	
Illinois Central.....	950,400		100 00	95,040,000 00	
Iola & Northern.....	17,000		100 00	1,700,000 00	
J. R. Davis Lumber Co., L. Ry.....					
Kewaunee, Green B. & W.....	4,800	2,000	100 00	480,000 00	200,000 00
La Crosse & Southeastern.....	10,000		100 00	1,000,000 00	
Lake Superior T. & T.....	12,000		100 00	1,200,000 00	
Laona & Northern.....	500		100 00	50,000 00	
Marathon County Ry. Co.....	400		100 00	40,000 00	
Marinette, Tomahawk & Western.....	10,000		100 00	1,000,000 00	
Mineral Point & Northern.....	5,500		100 00	550,000 00	
Minneapolis, St. P. & S. Ste. M.....	168,000	84,000	100 00	16,800,000 00	8,400,000 00
Northern Pacific.....	2,500,000		100 00	250,000,000 00	
Northwestern Coal Ry. Co.....	10,000		100 00	1,000,000 00	
Oshkosh Transportation Co.....	700		100 00	70,000 00	
Roddis Lumber & V. Co., L. Ry.....					
Robbins Ry. Co.....	300		100 00	30,000 00	
Stanley, Merrill & Phillips.....	1,000		100 00	100,000 00	
Superior & Southeastern.....	500		100 00	50,000 00	
Tomahawk & Eastern.....					
Whitcomb & Morris.....	100		100 00	10,000 00	
Winona Bridge Ry. Co.....	4,000		100 00	400,000 00	
Wisconsin Central.....	175,000	125,000	100 00	17,500,000 00	12,500,000 00
Wisconsin & Michigan.....	9,515		100 00	951,500 00	
Wisconsin & Northern.....	10,000		100 00	1,000,000 00	
Wisconsin, Ruby & Southern.....					
Waupaca-Green Bay.....	1,500		100 00	150,000 00	
Milwaukee, Bay View & Chicago	1,000		100 00	100,000 00	
Wisconsin-Northwestern.....	3,000		100 00	300,000 00	
Mattson Ry. Co.....	100		100 00	10,000 00	
Total.....	9,651,055	511,000		\$984,941,600 00	\$51,100,000 00

¹ Not g. en

² Common and preferred stock.

REPORT OF THE RAILROAD COMMISSION.

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DENDS, WHOLE LINE, 1908.

as Reported to the Railroad Commission for the Year Ending June 30, 1908.

Amount issued and outstanding.			Dividends declared during year.			
Common.	Preferred.	Total.	Common.		Preferred.	
			Rate.	Amount.	Rate.	Amount.
\$120,000 00		\$120,000 00				
439,500 00		439,500 00				
100,000 00		100,000 00				
1,675,400 00		1,675,400 00				
1,000 00		1,000 00				
83,377,900 00	\$49,976,400 00	133,354,300 00	7%	\$5,817,497 00	7%	\$3,490,543 00
102,032,730 97	22,398,954 56	124,431,685 53	7%	6,972,672 00	8%	1,791,600 00
21,403,293 33	12,646,833 23	34,050,126 62	7%	1,298,934 00	7%	787,976 00
110,839,100 00		110,839,100 00	14%	15,517,474 00		
2,760,000 00		2,760,000 00				
150,000 00		150,000 00				
18,000 00		18,000 00				
58,000 00		58,000 00				
10,000 00		10,000 00				
12,000,000 00	10,000,000 00	22,000,000 00				
2,000,000 00		2,000,000 00	7%	140,000 00		
500 00		500 00				
209,932,750 00		209,932,750 00	7%	10,471,819 75		
2,500,000 00		2,500,000 00	5%	125,000 00		
100,000 00		100,000 00	5%	5,000 00		
49,470 00		49,470 00	6%	2,968 20		
95,040,000 00		95,040,000 00	7%	6,651,491 00		
71,400 00		71,400 00				
465,750 00	199,200 00	664,950 00				
105,400 00		105,400 00				
215,400 00		215,400 00				
50,000 00		50,000 00				
40,000 00		40,000 00				
161,500 00		161,500 00				
550,000 00		550,000 00				
15,480,333 34	7,740,166 66	23,220,500 00	2 & 3%	603,015 00	7%	488,743 50
217,881,835 97		217,881,835 97		10,850,000 00		
1,000,000 00		1,000,000 00				
70,000 00		70,000 00	9 88%	6,918 88		
30,000 00		30,000 00				
100,000 00		100,000 00				
50,000 00		50,000 00				
10,000 00		10,000 00				
400,000 00		400,000 00				
17,500,000 00	12,500,000 00	30,000,000 00				
951,500 00		951,500 00				
700,000 00		700,000 00				
60,920 00		60,920 00				
100,000 00		100,000 00		5,750 00		
300,000 00		300,000 00				
4,000 00		4,000 00				
\$900,935,633 61	\$115,461,534 51	\$1,016,397,238 11		\$58,458,539 81		\$5,558,862 50

¹ Determined by net earnings.

² 93,000 shares of new capital stock have been offered to the present stockholders at par and payments on subscriptions have been received to June 30, 1908, amounting to \$3,281,835.97.

FUNDED DEBT OF THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY CO., JUNE 30, 1908.

Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Description of Bonds.	Date of maturity.	Interest.				Amount of bonds.
		Rate per cent.	Payable.	Accrued during the year.	Paid during the year.	
Iowa & Dakota Division Extension.....	July 1, 1908	7	Jan. and July....	\$14,840 00	\$14,315 00	\$212,000 00
Southwestern Division.....	July 1, 1909	6	Jan. and July....	240,000 00	240,080 00	4,000,000 00
Hastings & Dakota Division Extension.....	Jan. 1, 1910	7	Jan. and July....	397,600 00	397,110 00	5,680,000 00
Hastings & Dakota Division Extension.....	Jan. 1, 1910	5	Jan. and July....	49,500 00	49,475 00	990,000 00
Chicago & Pacific Division.....	Jan. 1, 1910	6	Jan. and July....	180,000 00	180,810 00	3,000,000 00
Southern Minnesota Division.....	Jan. 1, 1910	6	Jan. and July....	445,920 00	450,300 00	7,432,000 00
Mineral Point Division.....	July 1, 1910	5	Jan. and July....	142,000 00	142,575 00	2,840,000 00
Terminal Mortgage.....	July 1, 1914	5	Jan. and July....	237,400 00	237,300 00	4,748,000 00
La Crosse & Davenport Division.....	July 1, 1919	5	Jan. and July....	125,000 00	125,000 00	2,500,000 00
Dubuque Division.....	July 1, 1920	6	Jan. and July....	302,940 00	302,610 00	5,049,000 00
Wisconsin Valley Division.....	July 1, 1920	6	Jan. and July....	115,680 00	115,320 00	1,928,000 00
Chicago & Pacific Western Division.....	Jan. 1, 1921	5	Jan. and July....	1,267,000 00	1,267,025 00	25,340,000 00
Wisconsin & Minnesota Division.....	July 1, 1921	5	Jan. and July....	237,750 00	238,050 00	4,755,000 00
Chicago & Lake Superior Division.....	July 1, 1921	5	Jan. and July....	68,000 00	67,975 00	1,380,000 00
Chicago & Missouri River Division.....	July 1, 1926	5	Jan. and July....	154,150 00	153,975 00	3,083,000 00
General Mortgage.....	May 1, 1989	4	Jan. and July....	1,254,120 00	954,700 00	31,353,000 00
General Mortgage.....	May 1, 1989	3½	Jan. and July....	313,250 00	313,582 50	8,950,000 00
Wisconsin Valley Railroad Co.....	Jan. 1, 1909	7	Jan. and July....	77,455 00	77,052 50	1,106,500 00
Mil. & Northern R. R. Co., 1st Mortgage.....	June 1, 1910	6	June and Dec....	129,300 00	129,720 00	2,155,000 00
Mil. & Northern R. R. Co., Consolidated.....	June 1, 1913	6	June and Dec....	305,520 00	239,970 00	5,092,000 00
Dakota & Great Southern Ry. Co.....	Jan. 1, 1916	5	Jan. and July....	142,800 00	143,350 00	2,856,000 00
Fargo & Southern Ry. Co.....	Jan. 1, 1924	6	Jan. and July....	75,000 00	74,940 00	1,250,000 00
Interest on bonds retired.....				7,475 00	22,055 00	
				\$6,282,700 00		
Less amount of interest on bonds in the treasury of the Company and in hands of Trustees—not payable—included above.....				365,940 00		
Total.....				\$5,916,760 00	\$5,937,690 00	\$125,679,500 00

OPERATING REVENUES,
Actual Earnings of Roads Operating in Wisconsin as Reported
Revenue from

Name of Company.	Freight revenue.	Passenger revenue.	Excess baggage revenue.	Parlor and chair car revenue.	Mail revenue.
Abbotsford & N. E.....	\$26,271 25	\$3,641 05	\$1 30	.....	\$639 50
Ahnapee & Western.....	39,400 30	32,303 06	721 63	.....	3,059 84
Ashland, Odanah & M.....	45,579 58	176 25	.....	.....	.....
Bayfield Transfer.....	18,094 20	1,036 90	.....	.....	.....
Big Falls Ry. Co.....	8,485 02	374 40	.....	.....	296 67
C. M. & St. Paul.....	11,732,816 64	3,552,348 49	54,604 50	.....	632,772 86
C. & N. W ¹	10,850,014 59	4,069,659 75	55,802 47	\$30,020 85	383,473 14
C. St. P., M. & O.....	3,961,204 82	1,682,656 99	27,915 45	10,917 85	94,678 87
Chicago, B. & Q.....	2,587,952 45	648,157 29	11,626 99	293 18	39,779 50
Chicago, L. S. & E.....	19,836 27	.....	.....	.....	.....
Chicago, H. & G. L.....	7,370 65	6,419 16	53	.....	213 98
Chicago & L. S.....	2,833 59	2,331 60	39 40	.....	.....
Chippewa R. & N.....	9,758 85	85 25	.....	.....	.....
Chippewa V. & N.....	16,031 59	.....	.....	.....	.....
Drummond & S. W.....	13,632 20	.....	.....	.....	.....
Duluth, S. S. & A.....	199,883 91	126,306 45	871 35	.....	9,445 06
Dunbar & Wausaukee.....	31,424 03	174 52	.....	.....	.....
Fairchild & N. E.....	11,712 32	5,188 57	101 95	.....	1,404 05
Great Northern.....	1,122,903 66	103,219 01	1,276 61	.....	4,575 45
Green Bay & W.....	399,233 37	153,551 59	2,743 49	.....	16,904 28
Hawthorne, N. & S.....	9,226 81	5 75	.....	.....	.....
Hazelhurst & S. E.....	18,003 10	22 70	.....	.....	.....
Hillsboro & N. E.....	9,004 81	3,693 59	140 93	.....	221 48
Illinois Central.....	62,308 44	52,810 98	744 14	.....	6,860 23
Iola & Northern.....	4,614 06	1,831 31	27 80	.....	222 28
J. R. Davis L. Co. L Ry.....	.....	.....	.....	.....	.....
Kewaunee, G. B. & W.....	85,069 43	30,845 39	653 37	.....	3,523 96
La Crosse & S. E.....	25,597 39	37,887 55	.....	.....	1,247 39
Lake Superior T. & T.....	.....	.....	.....	.....	.....
Laona & Northern.....	18,218 82	315 90	.....	.....	.....
Marathon Co. Ry. Co.....	13,107 91	3 40	.....	.....	.....
Marinette, T. & W.....	41,416 47	5,345 99	168 17	.....	1,045 46
Mineral Point & N.....	61,119 61	8,351 29	217 72	.....	1,180 50
M., St. P. & S. S. M.....	1,208,679 52	309,034 39	3,831 51	.....	45,996 89
Northern Pacific.....	354,175 41	176,037 32	2,376 62	.....	6,326 15
N. W. Coal Ry. Co.....	.....	.....	.....	.....	.....
Roddi, L. & V. Co. L. Ry.....	5,342 97	.....	.....	.....	.....
Robbins Ry. Co.....	29,873 43	.....	.....	.....	.....
Stanley, M. & P.....	114,409 24	7,181 40	1 00	.....	.....
Superior & S. E.....	37,488 26	.....	.....	.....	.....
Tomahawk & E.....	12,481 87	1,443 14	18 64	.....	66 50
Whitcomb & Morris.....	2,943 70	.....	.....	.....	.....
Winona Bridge Ry. Co.....	.....	.....	.....	.....	.....
Wisconsin Central.....	4,410,751 40	1,287,308 57	14,441 36	.....	103,521 13
Wisconsin & Michigan.....	138,515 56	21,437 46	277 89	.....	2,133 36
Wisconsin & Northern.....	19,715 95	14,031 38	38 45	.....	338 18
Wisconsin, Ruby & S.....	.....	.....	.....	.....	.....
Waupaca—G. B.....	2,845 63	2,347 17	43 02	.....	.....
Wisconsin N. W.....	36,424 47	1,344 40	.....	.....	.....
Mattoon Ry. Co.....	31,674 57	2,903 80	48 70	.....	433 77
Total.....	\$37,956,398 21	\$12,351,923 21	\$178,785 04	\$41,231 88	\$1,300,425 39

¹Proportional,

FUNDED DEBT OF THE CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of Bond or Obligation.	TIME.		Total par value authorized.	Total par value outstanding.	Total par value held by respondent corporation.	Total par value not held by respondent corporation.	INTEREST.			
	Date of issue.	When due.					Rate.	When payable.	Amount accrued during year.	Amount paid during year.
First Mortgage.....	1878	1918	\$3,000,000 00	\$1,434,000 00	.....	\$1,434,000 00	6 %	May 1. Nov. 1.	\$87,800 00	\$38,935 00
First Mortgage.....	1880	1930	800,000 00	641,000 00	.....	641,000 00	6 %	Jan. 1. July 1.	38,460 00	38,490 00
First Mortgage.....	1879	1919	6,070,000 00	6,070,000 00	.....	6,070,000 00	6 %	Apr. 1. Oct. 1.	364,200 00	365,430 00
Consol. Mortgage.....	1880	1930	30,000,000 00	15,980,091 45	\$91 45	15,980,000 00	6 %	June 1. Dec. 1.	923,300 00	941,580 00
Consol. Mortgage.....	1880	1930		3,734,000 00	.....	3,734,000 00	3½ %	June 1. Dec. 1.	123,509 16	119,787 50
First Mortgage.....	1890	1915	400,000 00	400,000 00	50,000 00	350,000 00	5 %	May 1. Nov. 1.	20,000 00	20,000 00
First Mortgage.....	1895	1930	1,500,000 00	1,500,000 00	1,500,000 00	.....	5 %	Mar. 1. Sept. 1.	.....	.....
First Mortgage.....	1878	1908	125,000 00	125,000 00	.....	125,000 00	8 %	Jan. 1. July 1.	10,000 00	10,000 00
First Mortgage.....	1878	1908	Retired in January, 1908	.....	.....	.....	.....	.....	11,718 00	23,777 25
Grand total.....	.....	.....	\$41,895,000 00	\$29,884,091 45	\$1,550,091 45	\$28,334,000 00	.....	.....	\$1,579,047 16	\$1,608,029 75

Note: In addition to the bonds shown above this company guarantees the payment of principal and interest of \$75,000.00 of the bonds of the Minneapolis Eastern Ry. Co.

FUNDED DEBT OF THE CHICAGO, BURLINGTON & QUINCY R. R. CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of Bond or Obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Interest.			
	Date of issue.	When due.					Rate.	When payable.	Amount accrued during year.	Amount paid during year.
C., B. & Q., Ill. Dist.....	1899	1949	\$50,835,000 00	\$50,835,000 00	\$50,835,000 00	3½	J. & J.....	\$1,779,225 00	\$1,779,225 00	
C., B. & Q., Ill. Dist.....	1899	1949	34,165,000 00	34,165,000 00	34,165,000 00	4	J. & J.....	1,365,440 00	1,366,630 00	
C., B. & Q., Ia. Dist.....	1879	1919	3,000,000 00	3,000,000 00	2,287,300 00	5	A. & O.....	114,365 42	114,375 00	
C., B. & Q., Ia. Dist.....	1879	1919	12,502,000 00	12,502,000 00	7,289,000 00	4	A. & O.....	294,448 56	295,140 00	
C., B. & Q., Neb. Ext'n.....	1887	1927	29,441,000 00	29,441,000 00	24,214,000 00	4	M. & N.....	977,634 33	981,200 00	
C., B. & Q., Gen. Mtge.....	1903	1958	16,000,000 00	16,000,000 00	16,000,000 00	4	M. & S.....	59,613 85	153,719 48	
B. & M., Neb., Cons. Mtge.....	1878	1918	13,751,000 00	13,751,000 00	13,751,000 00	6	J. & J.....	816,180 00	824,370 00	
Rep. Valley.....	1879	1919	2,643,000 00	2,643,000 00	1,078,000 00	6	J. & J.....	56,208 00	64,653 00	
H. & St. Joe.....	1881	1911	8,000,000 00	8,000,000 00	8,000,000 00	6	M. & S.....	480,000 00	481,000 00	
Tarkio Valley.....	1880	1920	430,000 00	430,000 00	122,000 00	7	J. & D.....	6,185 84	9,310 00	
Nodaway Valley.....	1880	1920	388,000 00	388,000 00	108,000 00	7	J. & D.....	8,108 33	8,260 00	
Lincoln & N. W.....	1880	1910	600,000 00	600,000 00	600,000 00	7	J. & J.....	42,000 00	42,000 00	
Atch. & Nebr.....	1878	1908	1,125,000 00	1,125,000 00	.....	7	M. & S.....	52,500 00	78,750 00
C., B. & Q. S. F.....	1881	1921	4,300,000 00	4,300,000 00	4,300,000 00	4	M. & S.....	172,000 00	172,000 00	
B. & M., Neb., S. F.....	1880	1910	3,347,000 00	3,347,000 00	3,347,000 00	4	J. & J.....	131,400 00	133,880 00	
C., B. & Q., Plain.....	1883	1913	9,000,000 00	9,000,000 00	9,000,000 00	5	M. & N.....	450,000 00	450,000 00	
C., B. & Q., Den. Ext.....	1881	1922	7,968,000 00	7,968,000 00	7,968,000 00	4	F. & A.....	320,720 00	320,720 00	
Grand total.....	.....	.....	\$197,495,000 00	\$197,495,000 00	\$183,064,000 00	.....	.....	\$7,126,009 33	\$8,968,890 52

*Credit.

FUNDED DEBT OF THE DULUTH, SOUTH SHORE & ATLANTIC RAILWAY CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

CLASS OF BOND OR OBLIGATION.	TIME.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	INTEREST.			
	Date of issue.	When due.					Rate.	When payable.	Amount accrued during year.	Amount paid during year.
First mortgage.....	Apr. 15, 1887.	Jan. 1, 1937.	\$4,000,000 00	\$4,000,000 00	\$3,816,000 00	(1)	5%	Jan. 1, July 1	\$190,800 00	\$190,800 00
First consol.....	July 17, 1890.	Aug. 1, 1990.	20,000,000 00	15,107,000 00	15,107,000 00	\$12,552,000 00	4%	Feb. 1, Aug. 1	604,280 00	None
M., H. & O. 6% bonds of 1925	Apr. 1, 1885.	Apr. 1, 1925.	1,400,000 00	1,400,000 00	1,077,000 00	No record.....	6%	Apr. 1, Oct. 1	64,620 00	64,620 00
Income certificates.....	Dec. 31, 1892.	Dec. 31, 1912.	3,000,000 00	3,000,000 00	3,000,000 00	Accepted at par by holders of an equal amount of unfunded debt.	4%	Dec. 31	None	None
Total.....			\$28,400,000 00	\$23,507,000 00	\$23,000,000 00				\$859,700 00	\$255,420 00

¹ Total issue of stock and issue of first mortgage bonds delivered to D., S. S. & A. syndicate for 333½ miles of completed road.

FUNDED DEBT OF THE GREAT NORTHERN RAILWAY CO., JUNE 30, 1908.

Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bonds or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Interest.				
	Date of issue.	When due.					Rate per cent.	When payable.	Amount accrued during year.	Amount paid during year.	
St. P. M. & M. Ry.:											
2nd Mtg. Bonds	1879	1909	\$8,000,000 00		\$5,650,000 00	6	Apl. and Oct.	\$35,734 49	\$365,940 00		
Dakota Ext. "	1880	1910	6,000,000 00		4,222,000 00	6	May and Nov.	280,172 33	281,820 00		
Consolidated	1883	1933	50,000,000 00		13,344,000 00	6	July and Jan.	800,640 00	801,330 00		
Montana Ext.	1887	1937	25,000,000 00		20,232,000 00	4 1/2	July and Jan.	877,581 00	870,885 00		
Pacific Ext.	1890	1940	29,090,909 09		29,090,909 09	4	June and Dec.	407,400 00	408,260 00		
Improvement	1902	1922	11,700,000 00		11,910,000 00	4	July and Jan.	775,757 56	775,214 98		
								none			
E. Ry. of Minn.:											
1st Div.	1888	1908	3,600,000 00		73,000 00	5	Apr. and Oct.	176,250 00	237,525 00		
Nor. Div.	1898	1948	15,000,000 00		9,627,000 00	4	Apr. and Oct.	217,085 55	200,000 00		
M. C. Ry.:											
1st Mtg.	1887	1937	10,000,000 00		6,000,000 00	6	Jan. and July	360,000 00	360,210 00		
					4,000,000 00	5	Jan. and July	200,000 00	200,000 00		
M. U. Ry.	1882	1922	3,000,000 00		2,150,000 00	6	Jan. and July	129,000 00	129,000 00		
					650,000 00	5	Jan. and July	32,500 00	32,500 00		
W. & S. F. Ry.	1888	1938	3,646,080 00		3,646,000 00	5	June and Dec.	181,250 00	182,725 00		
D. W. & Pac. Ry.	1888	1938	1,375,000 00		1,375,000 00			none			
P. R. & L. L. Ry.	1899	1929	500,000 00		500,000 00			none			
S. F. & N. Ry.	1889	1939	2,812,000 00		2,812,000 00	6	Jan. and July	13,740 00	7,080 00		
C. & R. Mtn. Ry.	1896	1916	291,000 00		291,000 00			none			
Total bonds assumed ¹					\$125,897,909 09						
N. P.-G. N. Joint C., B. & Q. Collateral Trust Bonds			\$222,400,000 00	\$215,225,000 00							

This company's proportion.....	107,613,000 00	(Coupon bonds July and Jan. Registered bonds July, Oct., Jan. and April.)	4,304,520 00	4,334,520 00
Grand Total.....	\$233,510,909 09		\$9,121,639 98	\$9,157,039 98

¹The total amount of "Mortgage Bonds" outstanding, \$125,897,909.09, were issued by several companies for sundry purposes. The payment of the principal and interest on these bonds was assumed by the Great Northern Ry. Co. as part of the consideration for the railways, etc., belonging to the issuing companies and which were purchased by the Great Northern Ry. Co., \$4,700,000. First Division 1st Mortgage Bonds issued by the Eastern Ry. of Minnesota, matured April 1, 1908. On their redemption an equal amount of that company's Northern Division 1st Mortgage Bonds were issued, of which \$2,562,000 were exchanged for the First Mortgage Bonds mentioned, \$2,065,000 remaining in the company's treasury at the end of the year. On June 30, 1908, there were \$73,000 of the First Division Bonds that had not been presented for redemption.

² Montana Extension Bonds, total issue.....	\$21,687 0) 00
Less bonds in hands of the trustee of Pacific Extension Mortgage, in accordance with terms of that mortgage.....	11,502,000 00
Bonds outstanding.....	\$10,185,000 00
³ Interest has not been accrued upon bond; which are held in the treasury of this company. Of the interest accrued upon bonds outstanding in the hands of the public, there has been charged to rental.....	\$1,171,245 85
And to income account.....	7,950 385 03
Total.....	\$9,121,639 98

FUNDED DEBT OF THE ILLINOIS CENTRAL RAILROAD CO., JUNE 30, 1908.
Mortgage bonds, miscellaneous obligations and income bonds.

CLASS OF BOND OR OBLIGATION.	TIME.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	INTEREST.				
	Date of issue.	When due.					Rate, per ct.	When payable.	Amount accrued during year.	Amount paid during year.	
1st mtge. Sterling Extend....	1875	1951	\$2,500,000 00	\$2,500,000 00	\$2,500,000 00	\$2,500,000 00	4				
Sterling 3s 1st Mtge.	1895	1951	2,500,000 00	2,500,000 00	2,000,000 00	2,500,000 00	3	Apr. & Oct.	\$100,000 00	\$99,880 00	
Gold 4s 1st Mtge.	1886	1951	1,500,000 00	1,500,000 00	1,500,000 00	1,500,000 00	4	Mar. & Sept.	75,000 00	74,850 00	
Gold 3s 1st Mtge.	1886	1951	2,500,000 00	2,498,000 00	2,493,000 00	2,493,000 00	4	Jan. & July	60,000 00	61,740 00	
Gold 3s 1st Mtge. Extend....	1903	1951	3,000,000 00	3,000,000 00	3,000,000 00	3,000,000 00	3½	Jan. & July	87,465 00	88,987 50	
Gold 3s 1st Mtge. Extend....	1905	1950	1,000,000 00	1,000,000 00	1,000,000 00	1,000,000 00	3½	Apr. & Oct.	105,000 00	104,835 00	
7 per cent construction.....	past due			1,000 00	1,000 00	1,000 00	3½	June & Dec.	35,000 00	35,000 00	
			\$13,000,000 00	\$13,000,000 00	\$13,000,000 00	\$13,000,000 00					
1st Mtge. on H. & S. W.	1881	1921	1,000,000 00	988,000 00	988,000 00	988,000 00	5	Feb. & Aug.	\$462,465 00	\$465,352 50	
1st Mtge. on Springfield Div..	1898	1951	2,000,000 00	2,000,039 00	2,000,000 00	2,000,000 00	3½	Jan. & July	48,400 00	49,650 00	
1st Mtge. on D. & S. C.	1895	1951	10,000,000 00	5,425,000 00	5,425,000 00	5,425,000 00	4	Feb. & Aug.	217,000 00	217,000 00	
1st Mtge. on St. Louis Div....	1897	1951	5,000,000 00	4,938,275 00	4,938,275 00	4,938,275 00	3	Jan. & July	217,000 00	216,760 00	
1st Mtge. on St. Louis Div....	1897	1951	10,000,000 00	8,377,000 00	8,377,000 00	8,377,000 00	3	Jan. & July	149,940 00	149,760 00	
1st Mtge. on Louisville Div....	1897	1953	25,000,000 00	23,888,000 00	23,888,000 00	23,888,000 00	3½	Jan. & July	293,195 00	293,256 25	
1st Mtge. on Omaha Div....	1900	1951	5,000,000 00	5,000,000 00	5,000,000 00	5,000,000 00	3	Jan. & July	762,580 00	836,622 50	
1st Mtge. on Litchfield Div....	1900	1951	4,000,000 00	3,235,000 00	3,235,000 00	3,235,000 00	3	Feb. & Aug.	150,000 00	150,405 00	
Purchased since 1st Mtge.....	1904	1952	20,000,000 00	14,662,000 00	14,662,000 00	14,662,000 00	3	Jan. & July	94,440 00	97,110 00	
							3½	Jan. & July	\$20,000 00	\$21,977 50	
			\$95,000,000 00	\$81,553,275 00	\$81,553,275 00	\$81,553,275 00			\$2,668,020 00	\$2,841,893 75	
Miscellaneous obligations—											
1st Lien Equip. Funds.....	1908	1923	\$30,000,000 00	\$30,000,000 00	\$30,000,000 00	\$30,000,000 00	4	Jan. & July		\$600,000 00	
Collateral Trust Bonds.....	1888	1952	15,000,000 00	15,000,000 00	15,000,000 00	15,000,000 00	4	Apr. & Oct.	\$600,000 00	603,630 00	
Col. Trust Bds. L. N. O. & T.	1892	1953	25,000,000 00	25,000,000 00	25,000,000 00	25,000,000 00	4	May & Nov.	997,160 00	1,000,390 00	
Sterling ¹	1886	1950	9,000,000 00	5,266,000 00	5,266,000 00	5,266,000 00	3½	Jan. & July	184,310 00	183,540 00	
Cairo Bridge ²	1892	1950	3,000,000 00	3,000,000 00	3,000,000 00	3,000,000 00	4	June & Dec.	120,000 00	120,680 00	
Total			\$82,000,000 00	\$78,266,000 00	\$78,266,000 00	\$78,266,000 00			\$1,901,470 00	\$2,508,300 00	
Grand total.....			\$177,000,000 00	\$159,819,275 00	\$159,819,275 00	\$159,819,275 00			\$4,569,490 00	\$5,350,193 75	

¹ Issued against \$5,266,000 C., St. L. & M. O. R. R. Co's bonds of 1951.

² Issued against \$3,000,000 C., St. L. & M. O. R. R. Co's bridge bonds of 1950.

FUNDED DEBT OF THE MINNEAPOLIS, ST. PAUL & SAULT ST. MARIE RAILWAY CO., JUNE 30, 1908.

Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of Bond or Obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Interest.			
	Date of issue.	When due.					Rate.	When payable.	Amount accrued during year.	Amount paid during year.
Mpls. & Pac Ry., 1st Mtge. Bonds .	1886	1936	\$4,290,000 00	\$4,290,000 00	\$306,000 00	\$260,337 83	4%	Jan. & July	\$12,240 00	\$12,200 00
Mpls., S. S. M. & Atlantic Ry.....	1886	1926	10,000,000 00	10,000,000 00	8,204,000 00	6,979,759 60	4 & 5%	Jan. & July	328,200 00	327,160 00
Mpls., St. P. & S. S. M. Ry., Consols	1888	1938	51,795,000 00	43,285,000 00	41,605,000 00	35,749,353 25	4%	Jan. & July	1,634,200 00	1,630,160 00
Mpls., St. P. & S. S. M. Ry., 2d Mtge. Bonds.....	1899	1949	5,000,000 00	3,500,000 00	3,500,000 00	3,334,264 78	4%	Jan. & July	140,000 00	140,540 00
Grand total.....	.....	.....	\$71,085,000 00	\$61,075,000 00	\$53,615,000 00	\$46,323,715 46	.....	.....	\$2,144,640 00	\$2,110,060 00

FUNDED DEBT OF THE NORTHERN PACIFIC RY. CO., JUNE 30, 1908.

A. Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bond or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Interest.			
	Date of issue.	When due.					Rate per cent.	When payable.	Amount accrued during year.	Amount paid during year.
St. P. & N. P. Ry. Co., Gen'l Mtg....	1883	1923	.....	.....	\$8,021,000	.....	6	Feb., Aug.	\$481,260 00	\$480,405 00
Nor. Pac. Ry. Co.:										
Prior Lien Mtg.....	1897	1997	\$130,000,000	.....	106,984,500	.....	4	Jan., Apl. } July, Oct. }	4,207,250 00	4,213,810 00
Gen'l Lien Mtg.....	1897	2047	60,000,000	.....	60,000,000	.....	3	Feb., May. } Aug., Nov. }	1,775,857 50	1,788,835 00
St. P.-Dul. Div'n Mtg.....	1900	1906	20,000,000	.....	7,902,000	.....	4	June, Dec.	302,140 00	304,060 00
St. P. & Duluth R. R. Co., First Mtg	1881	1951	1,000,000	.....	1,000,000	.....	5	Feb., Aug.	50,000 00	49,900 00
Second Mtg.....	1887	1917	2,000,000	.....	2,000,000	.....	5	Apl., Oct.	100,000 00	100,575 00
First Consol. Mtg.....	1908	1963	5,000,000	.....	1,000,000	.....	4	June, Dec.	40,000 00	40,860 00
Taylor's Falls & Lake Sup'r R. R.:										
First Mtg.....	1884	1914	210,000	.....	210,000	.....	6	Jan., July	12,600 00	12,600 00
Duluth Short Line Ry., First Mtg.	1886	1916	500,000	.....	500,000	.....	5	Mch., Sept.	25,000 00	25,625 00
Wash. & Colum. Riv. Ry. First Mtg	1885	1935	2,622,000	.....	2,620,000	.....	4	Jan., July	104,800 00	52,340 00
West n R. R. of Minn., Mtg.....					All retired	.....				540 00
Minneapolis & Duluth R. R., Mtg.					All retired	.....				21 00
Nor. Pac.-Gt. Nor., joint bonds... }	1901	1921	222,400,000	215,226,000	107,613,000	.....	4	Jan., Apl. } July, Oct }	4,304,520 00	4,304,520 00
Grand total.....					\$297,850,500	.....			\$11,403,427 50	\$11,374,091 00

B.—Equipment Trust Obligations.

Series or other designation.	Date of issue.	Term.	Number of payments.	Equipment covered.	Cash paid on delivery of equipment.	Deferred payments—principal.		Deferred payments—interest.
						Original amount.	Amount outstanding.	
Locomotive Trust, Series "C" Geo. H. Church, Trustee.....	June 17, 1899.	9 years.	18 semi-annual.	3 locomotives	\$3,649 50	\$43,957 26	\$2,239 32	Interest computed with the principal.

FUNDED DEBT OF THE WISCONSIN CENTRAL RY. CO., JUNE 30, 1908.

Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bond or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Interest.			
	Date of issue.	When due.					Rate per ct.	When payable.	Amount accrued during year.	Amount paid during year.
W. C. Ry. Co.: 1st Gen. Mort. Bonds.....	July 13 1899	July 1 1949	\$27,000,000 00	\$25,435,000 00	\$24,543,000 00	.....	4	Jan. & July	\$950,480 00	\$949,920 00
W. C. R. R. Co.: 1st Series Bonds.....	Jan. 1 1873	Jan. 1 1903	764,500 00	764,500 00	42,000 00	.....	5	Jan. & July	2,100 00	2,100 00
C. W. & M. R. R.: 1st Mort. Bonds.....	Sept. 1 1835	Mar. 1 1913	835,000 00	835,000 00	776,000 00	.....	6	Mar. & Sept.	46,560 00	46,560 00
M. & L. W. R. R.: 1st Mort. Bonds.....	Mar. 27 1852	July 1 1912	639,000 00	639,000 00	604,000 00	.....	6	Jan. & July	36,240 00	36,240 00
M. & S. E. Div.: P. M. Mort. Bonds.....	May 1 1901	May 1 1951	450,000 00	450,000 00	411,000 00	.....	4	May & Nov.	16,661 45	16,680 00
Minneapolis Ter'l: P. M. Mort. Bonds.....	Jan. 1 1900	Jan. 1 1950	500,000 00	500,000 00	500,000 00	.....	3½	Jan. & July	17,500 00	17,500 00
Sup.—Dul. Div. Ter'l: 1st Mort. Bonds.....	May 1 1903	May 1 1936	8,500,000 00	7,000,000 00	7,000,000 00	\$5,985,000 00	4	May & Nov.	291,546 67	280,000 00
Grand total.....			\$38,688,500 00	\$35,623,500 00	\$33,876,000 00	\$5,985,000 00	.....		\$1,361,088 12	\$1,349,000 00

FUNDED DEBT AND

A Recapitulation of the Funded Debt and Interest Accrued and Paid of Roads

Name of Company.	Mortgage bonds.		Miscellaneous obligations.	
	Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.
Abbotsford & Northeastern	\$112,000 00	\$112,000 00		
Ahnapee & Western	425,000 00	425,000 00		
Ashland, O. & M.....				
Bayfield Transfer	1,500,000 00	1,500,000 00		
Big Falls Ry. Co.				
Chi., Mil. & St. P. ¹	30,690,933 90	30,690,933 90		
Chicago & Northwestern ² ..	28,913,074 91	27,477,865 07	\$15,661,270 09	\$14,308,563 60
Chi., St. P., Mpls. & O... ..	(³).....	13,621,168 88		
Chi., Burlington & Quincy				
Chi., Lake Shore & Eastern				
Chi., Harv. & Geneva Lake				
Chicago & Lake Superior ..				
Chippewa River & Northern				
Chippewa Val. & Northern				
Drummond & Southwestern	50,000 00	50,000 00		
Dul., S. S. & Atlantic				
Dul., Sup. & West. Term..	500,000 00	500,000 00		
Dunbar & Wausaukee				
Fairchild & Northeastern ..				
Great Northern				
Green Bay & Western				
Hawthorne, Nebag. & Sup.				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	1,725,139 00	1,725,139 00		
Iola & Northern				
J. R. Davis L. Co., L. Ry.				
Kewaunee, G. B. & West..	408,000 00	408,000 00	52,635 48	3,072 06
La Crosse & Southeastern.	750,000 00	750,000 00		
Lake Sup. Term. & Trans..	195,000 00	195,000 00		
Laona & Northern				
Marathon County Ry. Co..				
Marquette, Tomahawk & W.				
Mineral Point & Northern.	450,000 00	450,000 00		
Mpls., St. P. & S. Ste. M.	12,534,890 00	11,318,902 00	4297,990 00	268,422 00
Northern Pacific				
Northwestern Coal Ry. Co.	1,000,000 00	220,000 00		
Oshkosh Transportation Co.				
Roddis L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips	500,000 00	500,000 00		
Superior & Southeastern ..				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.....				
Wisconsin Central				
Wisconsin & Michigan	1,266,045 00	1,266,045 00		
Wisconsin & Northern			512,528 38	512,528 38
Wis., Ruby & Southern....				
Waupaca-Green Bay	60,000 00	60,000 00		
Mil., Bay View & Chicago..				
Wisconsin Northwestern ..				
Mattoon Ry. Co.....				
Total	\$81,080,082 81	\$91,270,053 85	\$16,524,423 95	\$15,087,586 01

¹ Road mileage basis.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

717

INTEREST, WISCONSIN, 1908.

Reporting to the Railroad Commission for the Year Ending June 30, 1908.

Income bonds.		Total funded debt.		Interest.	
Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.	Total amount accrued during year.	Total amount paid during year.
		\$112,000 00	\$112,000 00	\$6,720 00	\$6,720 00
		425,000 00	425,000 00	21,250 00	21,250 00
		1,500,000 00	1,500,000 00	75,000 00	
		30,690,933 90	30,690,933 90	1,444,872 79	1,449,983 91
\$127,054 70	\$127,054 70	44,701,399 70	41,903,483 37	1,940 390 81	1,962,370 06
		(³)	13,621,168 88	719,729 70	732,939 96
		50,000 00	50,000 00	3,000 00	3,000 00
		500,000 00	500,000 00	20,000 00	20,000 00
7,600,000 00	7,600,000 00	7,600,000 00	7,600,000 00	65,000 00	65,000 00
		1,725,139 00	1,725,139 00	86,256 95	86,256 95
		460,635 48	411,072 06	21,021 87	21,021 87
		750,000 00	750,000 00	37,500 00	37,500 00
		195,000 00	195,000 00	11,700 00	11,700 00
		450,000 00	450,000 00	22,500 00	22,500 00
		12,832,830 00	11,587,324 00	466,568 10	461,593 98
		1,000,000 00	220,000 00	11,000 00	11,000 00
		500,000 00	500,000 00	25,000 00	25,000 00
		1,266,045 00	1,266,045 00	55,297 00	
		512,523 38	512,523 38	29,639 10	29,639 10
		60,000 00	60,000 00		
\$7,727,054 70	\$7,727,054 70	\$105,831,561 46	\$114,084,694 59	\$5,062,446 32	\$4,967,475 82

³ Not given.
⁴ Equipment notes.

FUNDED DEBT AND IN
A Recapitulation of the Funded Debt and Interest Accrued and Paid of Roads

Name of Company.	Mortgage bonds.		Miscellaneous obligations.	
	Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.
Abbotsford & N. E....	\$112,000 00	\$112,000 00		
Ahnapee & Western ...	425,000 00	425,000 00		
Ashland, O. & M.....				
Bayfield Transfer	1,500,000 00	1,500,000 00		
Big Falls Ry. Co.....				
C., M. & St. P.....	125,679,500 00	125,679,500 00		
Chicago & N. W.....	113,782,000 00	108,134,000 00	\$31,632,000 00	\$56,389,000 00
Chi., St. P., M. & O.....	(¹)	29,884,091 45		
Chicago, Burl. & Q.....	172,880,000 00	158,449,000 00	24,615,000 00	24,615,000 00
Chi., L. S. & E.....			22,319,000 00	2,065,000 00
Chicago, H. & G. L....	125,000 00	125,000 00		
Chi. & Lake Superior.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W....	50,000 00	50,000 00		
Duluth, S. S. & A.....	20,507,000 00	20,000,000 00	622,783 19	477,013 35
Duluth, S. & W. T....	500,000 00	500,000 00		
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern	(¹)	² 233,510,900 00		
Green Bay & Western.....				
Hawthorne, N. & S.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	81,553,275 00	81,553,275 00	78,266,000 00	78,266,000 00
Iola & Northern				
J. R. D. L. Co., L. Ry.....				
Kewannee, G. B. & W.....	408,000 00	408,000 00	52,635 48	3,072 03
La Crosse & S. E.....	750,000 00	750,000 00		
Lake Superior T. & T.....	195,000 00	195,000 00		
Laona & Northern				
Marathon Co. Ry. Co.....				
Marquette, T. & W.....				
Mineral Point & N.....	450,000 00	450,000 00		
M., St. P. & S. S. M....	55,295,000 00	53,615,000 00	1,935,000 00	1,743,000 00
Northern Pacific	(¹)	190,237,500 00	(¹)	⁴ 107,615,230 32
N. W. Coal Ry. Co....	1,000,000 00	220,000 00		
Oshkosh Transp. Co....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, M. & P.....	500,000 00	500,000 00		
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry. Co.....	384,000 00	384,000 00		
Wisconsin Central	35,123,500 00	33,376,000 00	1,621,175 00	1,134,105 00
Wisconsin & Michigan.....	(¹)	2,401,000 00		
Wisconsin & Northern.....			512,528 38	512,528 33
Wisconsin, R. & S.....				
Waupaca-Green Bay ..	60,000 00	60,000 00		
Mil., B. V. & C.....				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	\$611,279,275 00	\$1,042,519,275 54	\$171,576,122 05	\$272,719,953 11

¹ Not given.² Equipment trust obligation.

INTEREST, WHOLE LINE, 1908.

Reporting to the Railroad Commission for the Year Ending June 30, 1908.

Income bonds.		Total funded debt.		Interest.	
Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.	Total amount accrued during year.	Total amount paid during year.
		\$112,000 00	\$112,000 00	\$6,720 00	\$6,720 00
		425,000 00	425,000 00	21,250 00	21,250 00
		1,500,000 00	1,500,000 00	75,000 00	
		125,679,500 00	125,679,500 00	5,916,760 00	5,937,090 00
\$500,000 00	\$500,000 00	175,914,000 00	164,923,000 00	7,502,172 00	7,587,150 83
		(1)	29,834,021 45	1,579,047 16	1,808,029 75
		197,495,000 00	133,064,000 00	7,126,009 33	6,966,890 72
		2,319,000 00	2,065,000 00	108,416 67	109,750 00
		125,000 00	125,000 00	6,250 00	
		50,000 00	50,000 00	3,000 00	3,000 00
3,000,000 00	3,000,000 00	24,129,783 19	23,477,013 35	859,700 00	255,430 00
		500,000 00	500,000 00	20,000 00	20,000 00
		(1)	\$233,510,909 09	9,121,630 98	9,157,039 93
7,600,000 00	7,600,000 00	7,600,000 00	7,600,000 00	65,000 00	65,000 00
		159,819,275 00	159,819,275 00	4,569,490 00	5,350,193 75
		460,635 48	411,072 06	21,021 87	21,021 87
		750,000 00	750,000 00	37,500 00	37,500 00
		195,000 00	195,000 00	11,700 00	11,700 00
		450,000 00	450,000 00	22,500 00	22,500 00
		57,239,000 00	55,358,000 00	2,234,190 00	2,204,410 00
		(1)	297,852,739 32	11,408,427 50	11,374,091 00
		1,000,000 00	220,000 00	11,000 00	11,000 00
		500,000 00	500,000 00	25,000 00	25,000 00
		384,000 00	334,000 00	19,200 00	19,200 00
		36,744,675 00	34,510,105 00	1,389,324 01	1,377,455 02
		(1)	2,401,000 00	105,500 00	
		512,528 38	512,528 38	29,639 10	29,639 10
		60,000 00	60,000 00		
\$11,100,000 00	\$11,100,000 00	\$793,975,397 05	\$1,326,339,233 65	\$52,200,448 57	\$52,221,651 82

³ Includes miscellaneous obligations.

⁴ Including \$2,239.32 equipment trust obligations.

RECAPITULATION,
Showing Capital Stock, Bonds and Other

Name of Company.	Capital stock.	Bonds.	Equipment trust obligations.	Current liabilities.
Abbotsford & Northeastern.	\$120,000 00	\$112,000 00	.....	.....
Alnapee & Western	439,500 00	425,000 00	.....	.....
Ashland, Odanah & M.....	100,000 00	.....	.....	.....
Bayfield Transfer	1,675,400 00	1,500,000 00	.....	.....
Big Falls Ry. Co.....	.....	.....	.....	.....
Chi., Milw. & St. Paul ¹	32,505,120 00	30,690,933 90	.....	.....
Chicago & Northwestern ² ..	31,619,260 04	41,908,483 37	.....	\$2,002,028 86
Chi., St. P., Mpls. & O....	15,520,047 71	13,021,168 88	.....	.....
Chicago, Burlington & O.....	.....	.....	.....	.....
Chicago, Lake Shore & E.....	.....	.....	.....	.....
Chicago, Harvard & G. L.....	.....	.....	.....	.....
Chicago & Lake Superior .....	.....	.....	.....	.....
Chippewa R. & Northern .....	.....	.....	.....	.....
Chippewa V. & Northern ..	58,000 00	100,000 00	.....	26,900 00
Drummond & S. W.....	10,000 00	50,000 00	.....	.....
Duluth, S. S. & Atlantic .....	.....	.....	.....	.....
Duluth, Superior & W. T..	2,000,000 00	500,000 00	.....	.....
Dunbar & Wausaukee .....	.....	.....	.....	.....
Fairchild & Northeastern ..	500 00	.....	.....	.....
Great Northern .....	.....	.....	.....	.....
Green Bay & Western	2,500,000 00	7,600,000 00	.....	.....
Hawthorne, Nebag. & S.....	.....	.....	.....	.....
Hazelhurst & Southeastern.	100,000 00	.....	.....	.....
Hillsboro & Northeastern ..	49,470 00	.....	.....	4,200 00
Illinois Central .....	.....	1,725,139 00	.....	.....
Iola & Northern	71,400 00	.....	.....	.....
J. R. Davis L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W.....	664,950 00	408,000 00	\$3,072 00	.....
La Crosse & S. E.....	105,400 00	750,000 00	.....	36,000 71
Lake Superior T. & T.....	215,400 00	195,000 00	.....	33,224 20
Laona & Northern	50,000 00	.....	.....	.....
Marathon County Ry. Co....	40,000 00	.....	.....	.....
Marquette, Tomahawk & W.	161,500 00	.....	.....	415,722 84
Mineral Point & Northern..	550,000 00	450,000 00	.....	.....
Mpls., St. P. & S. Ste. M..	3,575,957 00	11,318,902 00	208,422 00	395,042 29
Northern Pacific .....	.....	.....	.....	.....
Northwestern Coal Ry. Co..	1,000,000 00	794,000 00	.....	933 49
Oshkosh Transportation Co.	70,000 00	.....	.....	.....
Roddis L. & V. Co., L. Ry.	.....	.....	.....	.....
Robbins Ry. Co.....	.....	.....	.....	.....
Stanley, Merrill & P.....	100,000 00	500,000 00	.....	32,588 82
Superior & Southeastern ..	50,000 00	.....	.....	.....
Tomahawk & Eastern .....	.....	.....	.....	.....
Whitcomb & Morris	10,000 00	.....	.....	.....
Winona Bridge Ry. Co.....	.....	.....	.....	.....
Wisconsin Central .....	.....	.....	.....	.....
Wisconsin & Michigan	465,500 00	1,266,045 00	.....	.....
Wisconsin & Northern	700,000 00	498,170 00	14,357 78	81,716 00
Wisconsin, R. & Southern..	.....	.....	.....	.....
Waupaca-Green Bay	60,920 00	60,000 00	.....	.....
Milw., Bay View & Chi.....	100,000 00	.....	.....	.....
Wisconsin Northwestern.....	300,000 00	.....	.....	25,470 39
Mattoon Ry. Co.....	4,000 00	.....	.....	45,257 82
Total	\$95,052,324 81	\$114,472,842 75	\$285,851 84	\$3,009,155 03

¹ Road mileage basis.² Proportional.

WISCONSIN, 1908.

Obligations, Current Liabilities, Etc.

Total amount outstanding.	Apportionment.		Total amount per mile of road.	
	To railroads.	To other properties.	Miles.	Total amount.
\$232,000 00	\$232,000 00	.....	15.16	\$15,303 00
814,500 00	864,500 00	.....	34.00	25,426 47
100,000 00	100,000 00	.....	24.00	4,166 67
3,175,400 00	3,175,400 00	.....	3.86	322,642 00
.....
63,256,053 96	63,256,053 96	.....	1,774.12	35,654 76
75,529,772 27	75,529,772 27	.....	1,914.45	39,452 46
29,141,216 59	29,141,216 59	.....	756 61	33,515 50
.....
.....
.....
184,900 00	184,900 00	.....	19.32	9,470 38
60,000 00	60,000 00	.....	8.18	7,334 94
.....
2,500,000 00	2,500,000 00	.....	6.20	403,225 81
500 00	500 00	.....	38.00	13 16
.....
10,100,000 00	10,100,000 00	.....	225.00	44,880 00
100,000 00	100,000 00	.....	11.00	9,000 96
53,670 00	53,670 00	.....	5.00	10,734 00
1,725,139 00	1,725,139 00	.....	91.31	18,836 21
71,400 00	71,400 00	.....	4.70	15,191 00
.....
1,076,022 06	1,076,022 06	.....	36.70	29,319 41
891,409 71	891,409 71	.....	40.81	21,843 13
443,624 20	443,624 20	.....	20.61	21,524 70
.....
50,000 00	50,000 00	.....	16.00	3,125 00
40,000 00	40,000 00	.....	20.25	1,975 25
577,222 84	577,222 84	.....	43.77	13,187 68
1,000,000 00	1,000,000 00	.....	26.40	37,879 00
15,558,323 29	15,558,323 29	.....	353.01	44,073 32
.....
1,794,993 49	1,320,993 49	\$574,000 00	8.00	152,624 18
70,000 00	70,000 00	.....	4.64	15,086 21
.....
.....
632,588 82	632,588 82	.....	48.97	12,918 00
50,000 00	50,000 00	.....	23.30	1,766 79
.....
10,000 00	10,000 00	.....	6.00	1,666 66
.....
.....
1,731,595 00	1,731,595 00	.....	101.89	32,547 33
1,294,245 04	1,294,245 04	.....	43.37	29,841 94
.....
120,920 00	120,920 00	.....	9.85	12,274 14
.....
100,000 00	100,000 00	.....	19.42	5,149 33
325,470 39	325,470 39	.....	23.00	14,150 89
49,357 82	49,257 82	.....	29.36	1,677 72
.....
\$212,910,224 48	\$212,336,224 48	\$574,000 00	5,811.26	\$1,971,633 94

³ To ore docks and connecting railroads.

⁴ \$468,000.00 one year notes; \$30,170.60 real estate mortgages.

RECAPITULATION,
Showing Capital Stock, Bonds and Other

Name of Company.	Capital stock.	Bonds.	Equip- ment trust obli- gations.	Current liabilities.
Abbotsford & N. E.....	\$120,000 00	\$112,000 00	.....	.....
Ahnapee & Western	439,500 00	425,000 00	.....	.....
Ashland, Odanah & M..	100,000 00	.....	.....	.....
Bayfield Transfer	1,675,400 00	1,500,000 00	.....	.....
Big Falls Ry. Co.....	.....	.....	.....	.....
Chi., M. & St. P.....	133,354,300 00	125,679,500 00	.....	.....
Chicago & N. W.....	124,431,685 53	164,923,000 00	.....	\$7,878,610 23
C., St. P. M. & O.....	34,050,126 62	29,834,091 45	.....	.....
Chicago, Burl. & Q.....	110,839,100 00	183,064,000 00	.....	.....
Chicago, L. S. & E.....	2,760,000 00	.....	\$2,065,000 00	1,642,312 13
Chicago, H. & G. L.....	150,000 00	125,000 00	.....	80,363 44
Chicago & L. S.....	.....	.....	.....	.....
Chippewa R. & N.....	.....	100,000 00	.....	26,900 00
Chippewa V. & N.....	58,000 00	50,000 00	.....	.....
Drummond & S. W.....	10,000 00	.....	.....	.....
Duluth, S. S. & Atl.....	22,000,000 00	23,000,000 00	477,913 35	5,115,455 40
Duluth, Sup. & W. T....	2,000,000 00	500,000 00	.....	.....
Dunbar & Wausaukee .....	.....	.....	.....	.....
Fairchild & N. E.....	500 00	.....	.....	.....
Great Northern	209,962,750 00	4205,063,939 39	.....	.....
Green Bay & Western... Hawthorne, Nebag. & S. Hazelhurst & S. E.....	2,500,000 00 100,000 00	7,600,000 00 ..... .....	..... ..... .....	..... ..... 4,200 00
Hillsboro & N. E.....	49,470 00	.....	.....	.....
Illinois Central	95,040,000 00	2111,553,275 00	.....	.....
Iola & Northern	71,400 00	.....	.....	.....
J. R. D. L. Co., L. Ry. Kewaunee, G. B. & W. La Crosse & S. E.....	..... 664,950 00 105,400 00	..... 403,000 00 750,000 00	..... 3,072 06 .....	..... ..... 36,009 71
Lake Superior T. & T....	215,400 00	195,000 00	.....	33,224 20
Laona & Northern	50,000 00	.....	.....	.....
Marathon Co. Ry. Co....	40,000 00	.....	.....	.....
Marquette, T. & W.....	161,500 00	.....	.....	415,722 84
Mineral Point & N.....	550,000 00	450,000 00	.....	.....
Mpls., St. P. & S. S. M.	23,220,500 00	53,615,000 00	1,743,000 00	2,565,209 72
Northern Pacific	217,881,835 97	297,850,500 00	2,239 32	21,724,193 62
N. W. Coal Ry. Co.....	1,000,000 00	794,000 00	.....	993 49
Oshkosh Transp. Co....	70,000 00	.....	.....	.....
R. L. & V. Co., L. Ry. Robbins Ry. Co.....	..... 30,000 00	..........	..........	..........
Stanley, Merrill & P....	100,000 00	500,000 00	.....	32,588 82
Superior & S. E.....	50,000 00	.....	.....	.....
Tomahawk & Eastern... Whitcomb & Morris .....	..... 10,000 00	..........	..........	..........
Winona Bridge Ry. Co..	400,000 00	384,000 00	.....	447 62
Wisconsin Central	30,000,000 00	33,876,000 00	634,105 00	.....
Wisconsin & Michigan ..	951,500 00	2,401,000 00	.....	.....
Wisconsin & Northern..	700,000 00	3498,170 60	14,357 78	81,716 66
Wisconsin, Ruby & S. Waupaca-Green Bay .....	..... 60,920 00	..... 60,000 00	..........	..........
Milwaukee, B. V. & C.. Wisconsin Northwestern Mattoon Ry. Co.....	100,000 00 300,000 00 4,000 00	..... ..... .....	..... ..... .....	..... 25,470 39 45,257 82
Total	\$1,016,378,238 12	\$1,245,366,476 44	\$4,938,737 51	\$39,708,682 03

¹ To ore docks and connecting railroads.

² Exclusive of collateral trust bonds.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.
Obligations, Current liabilities, Etc.

Total amount outstanding.	Apportionment.		Total amount per mile of road.	
	To railroads.	To other properties.	Miles.	Total amount.
\$232,000 00	\$232,000 00	.....	15.16	\$15,303 00
864,500 00	864,500 00	.....	34.00	25,426 47
100,000 00	100,000 00	.....	24.00	4,166 67
3,175,400 00	3,175,400 00	.....	3.68	822,642 00
.....
259,033,800 00	259,033,800 00	.....	7,283.09	35,551 83
297,233,295 76	297,233,295 76	.....	7,533.96	39,452 46
63,934,218 07	63,934,218 07	.....	1,659.97	38,515 29
293,903,100 00	293,903,100 00	.....	8,809.09	33,263 62
6,467,312 13	6,467,312 13	.....	254.71	25,390 88
.....
355,366 44	355,366 44	.....	11.61	30,608 68
.....
184,900 00	184,900 00	.....	19.32	9,470 18
60,000 00	60,000 00	.....	8.18	7,334 94
.....
50,592,468 75	50,592,468 75	.....	583.20	86,012 36
2,500,000 00	2,500,000 00	.....	6.20	403,225 81
.....
500 00	500 00	.....	38.00	13 16
415,031,689 39	300,931,236 39	\$114,100,453 00	6,685.01	45,014 00
.....
10,100,000 00	10,100,000 00	.....	225.00	44,839 00
.....
100,000 00	100,000 00	.....	11.00	9,030 90
53,670 00	53,670 00	.....	5.00	10,734 00
206,593,275 00	206,593,275 00	.....	2,533.77	81,375 00
.....
71,400 00	71,400 00	.....	4.70	15,191 00
.....
1,076,022 06	1,076,022 06	.....	36.70	29,319 41
891,409 71	891,409 71	.....	40.81	21,843 13
443,624 20	443,624 20	.....	20.61	21,524 70
.....
50,000 00	50,000 00	.....	16.00	3,125 00
40,000 00	40,000 00	.....	20.25	1,975 25
577,222 84	577,222 84	.....	43.77	13,187 68
1,000,000 00	1,000,000 00	.....	26.40	37,879 00
81,143,709 72	81,143,709 72	.....	2,239.29	35,444 92
.....
537,458,771 91	537,458,771 91	.....	6,130.58	87,618 50
1,794,993 49	1,220,993 49	574,000 00	8.00	152,624 13
70,000 00	70,000 00	.....	4.64	15,083 21
.....
30,000 00	30,000 00	.....	28.00	1,071 43
.....
632,588 82	632,588 82	.....	48.97	12,918 00
50,000 00	50,000 00	.....	28.30	1,766 79
.....
10,000 00	10,000 00	.....	6.00	1,666 66
784,447 62	784,447 62	.....	1.03	761,612 00
.....
64,510,105 00	64,510,105 00	.....	1,193.15	54,067 65
3,352,500 00	3,352,500 00	.....	125.46	26,722 00
1,294,245 04	1,294,245 04	.....	43.37	29,841 92
.....
120,920 00	120,920 00	.....	9.85	12,274 14
.....
100,000 00	100,000 00	.....	19.42	5,149 33
325,470 39	325,470 39	.....	23.00	14,150 89
49,257 82	49,257 82	.....	29.36	1,677 72
.....
\$2,306,392,134 16	\$2,191,717,731 16	\$114,674,453 00	\$45,954.61	\$3,125,367 93

³ \$468,000.00 one year notes; \$30,170.00 real estate mortgages.

⁴ Amount shown for mileage owned only.

**CURRENT ASSETS AND
Cash and Current Assets Available**

Name of Company.	Cash.	Bills receivable.	Due from agents.	Net traffic balance due from other companies.
Abbotsford & N. E.	\$2,871 86		\$209 15	
Ahnapee & Western	33,016 43		1,344 81	\$1,244 50
Ashland, Odanah & M.				4,219 57
Bayfield Transfer	464 09			
Big Falls Ry. Co.				
Chi., Mil. & St. P.	8,393,550 38	\$61,000,368 80	1,688,246 08	785,977 81
Chicago & Northwestern	11,506,242 61	166,736 35	2,176,597 86	
Chi., St. P., M. & O.	696,962 84	6,019 54	390,915 55	118,106 73
Chi., Burlington & Q.	5,273,702 21	854,245 86		1,451,117 63
Chi., Lake Shore & E.	91,743 09		27,942 70	551,632 54
Chi., Harv. & Geneva L.				
Chicago & Lake Superior	265 72	65 00		
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & Southw'rn				
Dul., S. S. & Atlantic.	32,153 28		65,004 45	125,909 27
Dul., Sup. & West. T.	9,366 19			
Dunbar & Wausaukee.				
Fairchild & Northeastern				
Great Northern	11,683,302 20	3,439,900 27	1,810,222 74	102,167 27
Green Bay & Western.	163,631 78	29,693 52	12,358 25	22,019 13
Haw., Nebag. & Sup.				
Hazelhurst & S. E.	3,117 59			821 57
Hillsboro & N. E.				
Illinois Central	1,589,723 81	463,828 14	1,703,396 32	
Iola & Northern	10,397 21		172 54	22 68
J. R. Davis L. Co., L. R.				
Kewaunee, G. B. & W.	95,249 89		6,299 65	4,091 11
La Crosse & S. E.	2,349 35		483 23	
Lake Sup. Term. & T.	21,195 79		400 00	
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.	17,709 27		6,645 29	
Mineral Point & N.	9,626 76		2,100 83	907 25
M., St. P. & S. Ste. M.	1,640,754 67	337 45	366,489 97	273,570 09
Northern Pacific	34,900,794 91	191,118 18	830,721 20	
N. W. Coal Ry. Co.	209 29			
Oshkosh Trans. Co.	929 92			
Roddis L. & V. Co. L. R.				
Robbins Ry. Co.				
Stanley, Merrill & Phil.	2,702 64		249 28	272 83
Superior & Southeastern	3,415 15			
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.	26,765 55			5,264 30
Wisconsin Central	1,291,477 50		464,735 19	
Wisconsin & Michigan.	21,528 84	250 00	1,895 73	4,341 79
Wisconsin & Northern	1,588 57		2,305 73	86 01
Wis., Ruby & Southern				
Waupaca-Green Bay				
Mil., Bay View & Chi.				
Wisconsin Northwestern	3,076 16			4,333 75
Mattoon Ry. Co.	4,664 13		86 63	
Total	\$77,516,492 00	\$66,212,563 11	\$9,563,823 18	\$8,456,155 83

¹ Due from United States government and trust companies.

LIABILITIES, WHOLE LINE, 1908.
for Payment of Current Liabilities.

Due from solvent companies and individuals.	Other cash assets (except "material and supplies.")	Balance—current liabilities.	Total.	Material and supplies on hand.
\$587 18			\$3,618 19	
765 73			36,371 47	
11,196 77			15,416 34	
5,937 95		\$1,058,171 65	1,064,573 69	
1649,453 58			72,577,596 65	\$6,325,634 07
218,101 00	\$518,349 43		14,586,027 25	5,221,236 77
		1,000,996 25	2,213,000 91	1,036,163 48
3,514,235 55	65,387 58		11,158,688 83	5,415,009 62
		970,998 80	1,642,312 13	322,124 57
	150 00		480 72	150 00
1,634 08		169,688 16	171,322 24	324 46
246,648 81		5,115,455 40	5,585,171 21	371,045 54
22,233 84		1,087,722 94	1,119,322 97	
2,220,882 30			19,261,474 78	8,217,723 24
4,745 18			232,447 86	8,800 27
998 06		53,523 13	53,523 13	
			4,937 22	
5,118,412 13	2,057,668 92	25,573,058 19	36,511,087 51	
60 75			10,653 18	
1,047 41	887 06		107,575 12	
66,224 89			69,062 47	5,953 15
1,276 86	11,700 00		34,572 65	2,726 08
751 26		390,617 02	415,722 84	12,176 38
2,496 10	313 48	61,365 49	76,800 91	545 70
422,056 80			2,703,208 98	1,258,686 68
6,149,816 92	30,563,498 70		72,635,940 91	6,113,388 17
70,258 31			70,467 60	600 28
810 00			1,739 92	
755 93		32,588 82	36,569 50	4,871 36
4,680 88			8,096 03	
			32,029 85	
188,515 04	631,179 25		2,575,906 98	546,277 99
26,763 85	799,373 95	916,227 18	1,747,823 66	12,573 01
		81,716 66	85,696 97	40,500 00
		18,010 48	25,470 39	3,592 55
		45,237 82	50,008 58	2,731 89
\$18,951,297 16	\$34,649,008 37	\$36,575,392 99	\$246,924,737 64	\$35,923,554 26

² Credit.

CURRENT ASSETS AND LIABILITIES,
Current Liabilities Accrued to

Name of Company.	Loans and bills payable.	Audited vouchers and accounts.	Wages and salaries.	Net traffic balances due to other companies.
Abbotsford & N. E.....		\$438 15		\$51 20
Ahnapee & Western		168 66	\$1,651 16	5,690 88
Ashland, Odanah & M.....		4,527 87		
Bayfield Transfer	\$45,853 80	157,702 45		
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....		2,692,767 02	2,715,796 62	
Chicago & Northwestern		1,152,724 12	2,032,970 86	446,283 48
C., St. P., Mpls. & O.....		310,127 61	396,141 05	385,770 29
Chicago, Burl. & Q.....		3,630,842 66	2,524,771 24	539,710 72
Chi., Lake Shore & E.....		382,372 74	143,738 24	153,178 70
Chi., Harv. & G. L.....				
Chi. & Lake Superior	210 20		185 00	
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....		171,322 24		
Duluth, S. S. & Atlantic	313,427 11	177,442 48	137,386 97	158,959 47
Duluth, Sup. & W. T.....		1,109,283 17	39 80	
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern		3,366,625 10	2,423,494 32	
Green Bay & Western		24,451 08	16,500 08	4,504 46
Hawthorne, N. & S.....				74 52
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	23,590,000 00	8,406,492 52	2,062,303 03	155,165 26
Iola & Northern		2 75	277 10	1,204 34
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....	3,072 06	2,555 14	3,683 10	1,949 20
La Crosse & S. E.....	25,000 00	9,879 17		880 54
Lake Superior T. & T.....		6,764 69	6 40	
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....	309,182 79	4,829 34	1,608 81	10,101 60
Mineral Point & N.....	67,793 65	7,828 84	1,187 42	
M., St. P. & S. S. M.....		842,894 54	452,600 10	
Northern Pacific		4,006,194 57	2,369,525 45	91,858 71
N. W. Coal Ry. Co.....		993 49		
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P....	29,000 00	1,598 11	2,196 56	1 61
Superior & S. E.....				
Tomahawk & Eastern				
Whiteomb & Morris				
Winona Bridge Ry. Co.....		447 62		
Wisconsin Central		415,595 56	266,281 81	52,079 95
Wisconsin & Michigan	128,362 55	52,799 29	16,448 05	
Wisconsin & Northern..	32,555 55	47,985 58	3,785 19	1,370 65
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				
Mil., Bay View & Chi.....				
Wisconsin Northwestern		27 79	350 00	114 80
Mattoon Ry. Co.....	50,000 00			8 18
Total	\$24,684,457 71	\$26,987,594 35	\$15,572,928 36	\$2,038,958 86

¹ Including \$3,334,236.00 dividends declared, payable July 1, 1908,² Including \$1,043,455.00 dividends, payable Aug. 20, 1908,

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908—Concluded.
and Including June 30, 1908.

Dividends not called for.	Matured interest coupons unpaid (including coupons due July 1).	Rentals due July 1.	Miscellaneous.	Balance—cash assets.	Total.
			\$235 92	\$2,892 92	\$3,618 19
			1,566 67	27,294 10	36,371 47
				10,888 47	15,416 54
	\$860,192 92		824 52		1,064,573 09
\$40,173 00	2,702,005 00		73 16	64,426,781 85	72,577,556 65
13,936,279 75	266,102 02	\$15,000 00	29,250 00	6,707,417 02	14,586,027 25
3,547 00	65,553 50	8,203 46	21,043,655 00		2,213,000 91
3,460 00	2,239,793 00		174,043 75	2,046,059 46	11,158,638 83
			933,022 45		1,642,312 13
				85 52	450 72
					171,322 24
	4,797,955 18				5,535,171 21
	10,000 00				1,119,222 97
	1,648,817 23	10,000 00	1,224 00	11,311,284 13	19,261,474 58
			87,791 63	99,200 61	232,447 86
			53,448 61		53,523 13
				4,937 22	4,937 22
22,219 20	1,122,572 50	200,000 00	922,335 00		36,511,087 51
			200 00	8,963 99	10,653 18
	800 00		50,543 61	44,972 01	107,575 12
	11,700 00	250 00		33,052 76	69,062 47
			14,753 11	1,343 45	34,512 65
					415,722 84
					76,800 91
1,765 00	1,045,360 00		222,630 03	137,999 26	2,703,208 98
2,714,354 50	1,170,825 75		11,371,437 64	50,911,753 29	72,635,949 91
				69,474 11	70,467 60
				1,739 92	1,739 92
					36,569 50
			33,773 22	8,096 03	8,096 03
				21,582 23	32,019 85
	510,815 00			1,331,124 06	2,575,906 93
	718,425 00		831,788 77		1,747,833 66
					85,696 97
					25,470 39
24,977 80			40		50,008 58
\$6,746,776 25	\$17,170,953 10	\$233,453 46	\$15,772,652 54	\$137,716,963 01	\$246,924,737 04

^a Equipment replacement account.

PERMANENT
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Wisconsin.			Credits, property and material sold and de- ductions.
	Expenditures.			
	For construction	For equipment.	Total.	
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marengo		\$282 36	\$282 36	
Bayfield Transfer.....	\$59 04	32 00	91 04	\$ 0 (2)
Big Falls Ry. Co.....				
Chi., Milwaukee & St. Paul	1653,870 70	1481,204 06	11,135,074 76	
Chicago & Northwestern...	11,785,542 73	1279,469 45	12,065,012 18	¹ 234,812 98
Chi., St. P., Mpls. & O. ⁷ ..	1168,962 28	1243,929 08	1412,891 81	¹ 169,717 18
Chicago, Burl. & Quincy....	80,282 41	(³)	80,282 41	
Chicago, L. S. & Eastern.....				
Chicago, Harv. & G. L.....				
Chicago & Lake Superior.....				
Chippewa R. & Northern.....				
Chippewa V. & Northern.....	11,630 60		11,630 60	
Drummond & Southwestern.....				
Duluth, South Shore & Atl.				
Duluth, Superior & W. T....	411,223 90		411,223 90	
Dunbar & Wausaukee.....				
Fairchild & Northeastern ..	22,689 98		22,689 98	
Great Northern ⁷				
Green Bay & Western.....				
Hawthorne, Nebag. & Sup..	426,267 46	44,225 65	440,493 11	
Hazelhurst & Southeastern..				
Hillsboro & Northeastern.....				
Illinois Central ⁷	2,490 20		2,490 20	
Iola & Northern.....				
J. R. Davis L. Co., L. Ry....		5,289 14	5,289 14	
Kewaunee, G. B. & W.....				
La Crosse & Southeastern..	15,140 70	2,302 87	17,443 57	
Lake Superior T. & T.....	25,020 68	27,300 67	52,321 35	
Laona & Northern.....	114 75	1,064 77	1,179 52	
Marathon County Ry. Co.....				
Marinette, Tomahawk & W.				
Mineral Point & Northern..	1,334 13		1,334 13	
Mpls., St. P. & S. Ste. M..	6,472 53	2,020 40	8,492 93	
Northern Pacific ⁷				
Northwestern Coal Ry. Co..	1,743 52		1,743 52	
Oshkosh Transp. Co.....				
Roddis L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.	5,306 59	6,865 68	12,172 27	7,947 20
Superior & Southeastern ...	39,666 14	3,575 99	43,242 13	
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry. Co.....				
Wisconsin Central.....				
Wisconsin & Michigan.....	787 96	43,242 05	42,454 09	
Wisconsin & Northern.....	279,149 89	30,475 00	309,624 89	
Wisconsin, Ruby & S.....	350 19		350 19	
Milwaukee, B. V. & Chi....	478,000 00	452,000 00	4130,000 00	
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total.....	\$3,397,571 46	\$1,024,343 72	\$4,421,915 18	\$112,488 07

¹ Proportional.² Sinking fund bonds of 1879, retired and credited cost of road.³ Amount for equipment not given.⁴ Credit.

REPORT OF THE RAILROAD COMMISSION.

729

IMPROVEMENTS, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Difference or net additions to property.	Whole line.			Credits, property and material sold and deductions.	Difference or net additions to property.
	Expenditures.				
	For construction.	For equipment.	Total.		
\$282 36		\$282 36	\$282 36		\$282 36
80 42	\$50 04	32 00	91 04	\$10 62	80 42
1,135,074 76	2,677,608 18	1,970,532 60	4,648,135 78		4,648,135 78
12,030,109 20	7,026,669 56	1,009,793 76	8,126,469 32	2137,000 00	7,959,469 32
1343,174 13	430,034 56	535,166 80	955,201 36	153,534 95	802,636 41
380,282 41	9,551,439 75	3,999,175 48	13,550,615 23		13,550,615 23
	2,963,504 95	4,682,289 61	7,645,794 56		7,645,794 56
	861 31	4,005 50	43,144 19		43,144 19
11,630 60	11,630 60		11,630 60		11,630 60
	96,811 37		96,811 37	12,329 39	84,501 93
411,223 90	411,223 90		411,223 90		411,223 90
22,639 98	22,639 98		22,639 98		22,639 98
	223,820,825 01	26,470,948 96	250,301,773 97		250,301,773 97
440,493 11	436,267 46	4,225 65	440,493 11		440,433 11
2,460 20	8,323,003 78	5,706,836 43	14,119,946 21		14,119,946 21
5,289 14		5,289 14	5,289 14		5,289 14
17,443 57	15,140 70	2,302 87	17,443 57		17,443 57
52,321 35	25,020 68	27,300 67	52,321 35		52,321 35
1,179 52	114 75	1,064 77	1,179 52		1,179 52
1,334 13	1,334 13		1,334 13		1,334 13
8,492 93	6,969,657 99	15,119 52	6,982,777 51		6,982,777 51
	20,479,375 39	2,346,227 82	22,825,603 21	271,884 93	23,097,488 19
1,743 52	1,743 52		1,743 52		1,743 52
4,224 98	5,306 59	6,865 68	12,172 27	7,947 29	4,224 98
43,242 13	39,666 14	3,575 99	43,242 13		43,242 13
	3,218,078 74	2,971 04	3,221,049 78	8,785 60	3,212,264 01
42,454 00	787 96	45,872 21	45,084 25		45,084 25
309,624 89	279,149 89	30,475 00	309,624 89		309,624 89
350 19	350 19		350 19		350 19
4130,000 00	478,000 00	452,000 00	4130,000 00		4130,000 00
\$4,309,427 11	\$286,257,922 20	\$46,928,153 14	\$333,186,075 34	\$46,702 96	\$333,139,372 38

⁵ Includes \$448,588.93, general expenditures.

⁶ Debit. General expenditure charged to cost of road and equipment.

⁷ Expenditures for new lines, extensions, additions and betterments.

COST OF ROAD AND
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Net additions made during the year.			Total
	Construction.	Equipment.	Total.	Construction.
Abbotsford & N. E.....				\$227,600 00
Ahnapee & Western				841,000 00
Ashland, Odanah & M.....		\$282 36	\$282 36	65,643 34
Bayfield Transfer	\$48 42	32 00	80 42	3,406,953 55
Big Falls Ry. Co.....				
Chi., Milw. & St. P. ¹ ..	653,870 70	481,204 06	1,135,074 76	
Chicago & N. W. ¹			92,080,199 20	
C., St. P., M. & O.....	99,245 10	243,929 03	343,174 13	
Chicago, Burl. & Q.....	80,282 41	(²)	80,282 41	³ 11,563,690 03
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.				
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....	11,630 60		11,630 60	179,904 76
Drummond & S. W.....				147,103 19
Duluth, S. S. & Atlantic				
Duluth, Sup. & W. T.....	411,223 90		411,223 90	4,297,219 89
Dunbar & Wausaukee				71,033 02
Fairchild & N. E.....	22,689 98		22,689 98	274,328 83
Great Northern				
Green Bay & Western				9,467,087 50
Hawthorne, Nebag. & S.				925 00
Hazelhurst & S. E.....				80,912 73
Hillsboro & N. E.....				
Illinois Central	2,490 20		2,490 20	³ 5,221,009 55
Iola & Northern				68,000 00
J. R. D. L. Co., L. Ry.		5,289 14	5,289 14	
Kewaunee, G. B. & W.....				991,725 00
La Crosse & S. E.....	15,140 70	2,302 87	17,443 57	782,076 16
Lake Superior T. & T.....	25,020 68	27,300 67	52,321 35	327,876 34
Laona & Northern	114 75	1,064 77	1,179 52	114,170 91
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				510,710 32
Mineral Point & N.....	1,334 13		1,334 13	962,985 73
M., St. P. & S. Ste. M.....	6,472 53	2,020 40	8,492 93	13,338,736 94
Northern Pacific				
N. W. Coal Ry. Co.....	1,743 52		1,743 52	222,936 79
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				25,118 31
Stanley, Merrill & P.....	5,306 59	41,081 61	4,224 98	484,764 54
Superior & S. E.....	39,666 14	3,575 99	43,242 13	155,851 76
Tomahawk & Eastern				
Whitcomb & Morris				8,689 40
Winona Bridge Ry. Co.....				
Wisconsin Central				
Wisconsin & Michigan ..	787 96	43,242 05	42,454 09	1,595,528 42
Wisconsin & Northern ..	279,149 89	30,475 00	309,624 89	1,220,619 92
Wisconsin, Ruby & S.....	350 19		350 19	12,357 43
Milwaukee, B. V. & Chi.	478,000 00	452,000 00	4130,000 00	100,000 00
Waupaca-Green Bay				110,075 42
Wisconsin Northwestern ..				268,437 93
Mattoon Ry. Co.....				37,840 49
Total			\$4,309,427 11	

¹ Proportional.² No equipment specifically assigned to Wisconsin.³ Estimated.

REPORT OF THE RAILROAD COMMISSION.

731

EQUIPMENT—WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

cost to June 30, 1908.		Cost per mile of road, June 30, 1908.			Mileage upon which based.
Equipment.	Total.	Construc-tion.	Equipment.	Total.	
\$4,400 00	\$232,000 00	\$15,013 19	\$200 23	\$15,303 42	15.16
23,000 00	864,000 00	24,735 29	691 18	25,426 47	34.00
25,132 56	88,775 70	2,735 14	926 85	3,693 99	24.00
16,522 96	3,423,476 55	835,221 13	4,280 55	839,501 68	3.86
.....	64,678,991 01	.....	.....	36,456 94	1,774.12
.....	64,008,704 40	.....	.....	33,434 51	1,014.45
.....	128,811,534 78	.....	.....	33,079 77	756.61
..... ⁽²⁾	11,563,690 03	51,955 30 ⁽²⁾	351,955 30	222.57
.....
.....	179,904 76	9,312 00	.....	9,312 00	19.32
53,650 16	202,723 35	17,983 28	6,903 00	24,903 28	8.18
.....
.....	4,318,443 19	693,099 97	3,455 85	633,755 82	6.20
21,426 30	80,133 02	5,261 70	674 07	5,935 77	13.50
9,100 00	303,437 14	7,219 46	763 80	7,986 26	38.00
29,138 31	.....	.....	.....	.....	.....
.....
600,000 00	10,067,087 50	42,075 94	2,666 67	44,742 61	225.00
6,626 44	7,551 44	125 83	901 55	1,027 30	7.35
22,830 15	103,762 78	7,355 69	2,077 29	9,422 98	11.00
.....	3,221,009 55	385,275 54	.....	35,275 54	91.31
.....
3,000 00	71,000 00	14,468 09	638 29	15,106 38	4.70
.....
10,000 00	1,121,725 00	27,022 48	3,542 23	30,564 71	36.70
43,559 00	825,625 16	19,163 61	1,067 37	20,230 97	49.81
81,374 13	409,250 47	15,908 60	3,948 28	19,856 88	20.61
.....
22,277 49	136,448 40	7,135 68	1,302 34	8,528 02	16.00
.....
22,879 80	533,590 12	11,668 04	522 73	12,190 77	23.00
9,259 26	972,244 99	56,476 74	350 72	56,827 46	26.40
2,796,486 23	16,135,223 17	37,785 72	7,972 83	45,707 55	353.01
.....
17,050 68	239,987 47	27,867 10	2,131 33	29,998 43	8.00
.....
11,000 00	11,000 00	.....	880 00	880 00	12.50
19,831 69	45,000 00	397 08	710 06	1,607 14	28.00
.....
120,336 32	605,130 86	9,899 22	2,477 96	12,357 18	48.97
19,330 37	175,252 13	5,507 48	685 17	6,192 65	28.30
.....
3,260 00	11,949 40	1,448 23	543 33	1,991 56	6.00
.....
242,927 13	1,838,455 55	23,033 47	3,506 96	26,540 43	69.27
47,855 00	1,268,474 92	28,144 33	1,103 41	29,247 74	43.37
2,600 00	14,957 43	2,471 49	520 00	2,991 49	5.03
.....	100,000 00	5,149 33	.....	5,149 33	19.42
.....
.....	110,075 42	11,007 54	.....	11,007 54	10.00
46,000 00	314 437 93	11,671 21	2,000 00	13,671 21	23.00
16,790 00	54,630 49	1,288 06	571 86	1,859 92	29.26
.....
.....	\$217,150,927 11	.....	.....	\$34,427 32	6,017.05

⁴ Credit.

⁵ Including equipment.

⁶ \$34,812.98 deducted; sinking fund bonds retired and credited to cost of road.

COST OF ROAD AND EQUIPMENT—
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Net additions during the year.			Total cost
	Construction.	Equipment.	Total.	Construction.
Abbotsford & N. E.				\$227,600 00
Ahnapee & Western				841,000 00
Ashland, Odanah & M.		\$282 36	\$282 36	65,643 34
Bayfield Transfer	\$48 42	32 00	80 42	3,406,953 55
Big Falls R'y Co.				
C., M. & St. P.	2,677,603 18	1,970,532 60	4,648,135 78	
Chicago & Northwestern	7,026,669 55	1,009,799 76	8,036,469 32	
C., St. P., M. & O.	267,499 61	535,166 80	802,666 41	
Chi., Burl. & Quincy	9,551,439 75	3,999,175 48	13,550,615 23	
Chi., L. Shore & East.	2,963,504 95	4,682,289 61	7,645,794 56	5,314,026 25
Chi., Harv. & Gen. L.	861 31	14,005 50	13,144 19	304,659 41
Chicago & Lake Superior				
Chip. River & Northern				
Chip. Valley & Northern	11,630 60		11,630 60	179,904 76
Drummond & S. W.				147,103 19
Duluth, S. S. & Atlantic	84,501 98		84,501 98	43,466,415 35
Dul., Sup. & W. Term.	411,223 90		411,223 90	4,297,219 81
Duimbar & Wausaukee				71,033 62
Fairchild & Northeast.	22,689 98		22,689 98	274,328 83
Great Northern	223,830,825 01	26,470,948 96	250,301,773 97	240,349,771 44
Green Bay & Western				9,467,087 50
Hawth'ne, Neb. & Sup.	136,267 36	14,225 65	140,493 01	925 00
Hazelhurst & Southeast.				80,912 63
Hillsboro & N. Eastern.				
Illinois Central	8,323,109 78	5,796,836 43	14,119,946 21	
Iola & Northern				68,000 00
J. R. D. L. Co., L. R.		5,289 14	5,289 14	
Kewaunee, G. B. & W.				991,725 00
La Crosse & S. E.	15,140 70	2,302 87	17,443 57	782,068 16
Lake Superior T. & T.	25,020 68	27,300 67	52,321 35	327,876 31
Loano & Northern	114 75	1,064 77	1,179 52	114,170 91
Marathon Co. R'y Co.				
Marinette, Tom. & W.				510,710 32
Mineral Point & N.	1,334 13		1,334 13	262,985 13
M., St. P. & S. Ste. M.	6,969,677 99	13,119 52	6,982,777 51	62,373,566 08
Northern Pacific	420,751,260 37	2,346,227 83	423,097,488 19	4339,139,753 82
N. W. Coal R'y Co.	1,743 52		1,743 52	222,936 79
Oshkosh Trans. Co.				
R. D. & V. Co., L. Ry.				25,118 31
Robbins R'y Co.				
Stanley, Merrill & Phil.	5,306 59	1,081 61	4,224 98	484,764 54
Superior & S. E.	39,666 14	3,575 99	43,242 13	155,861 76
Tomahawk & Eastern				
Whitcomb & Morris				789,304 66
Winona Bridge R'y Co.				
Wisconsin Central	3,209,293 05	2,971 04	3,212,264 09	57,228,706 60
Wisconsin & Michigan	787 96	15,872 21	15,084 25	3,751,353 48
Wisconsin & Northern	279,149 89	30,475 00	309,624 89	1,220,619 62
Wis., Ruby & Southern	350 19		350 19	12,357 43
Mil., Bay View & Chi.	178,000 00	152,000 00	130,000 00	100,000 00
Waupaca-Green Bay				110,075 42
Wisconsin Northwestern				268,437 93
Mattoon R'y. Co.				37,840 49
Total	\$286,356,166 63	\$46,920,205 85	\$333,139,372 38	

1 Credit.

2 Includes \$448,588.93 general expenditures

3 Includes \$450,691.50 general expenditures.

4 Includes \$271,884.98 general expenditures charged to cost of road and equipment.

REPORT OF THE RAILROAD COMMISSION.

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

to June 30, 1908.		Cost of road per mile June 30, 1908.			Mileage upon which based.
Equipment.	Total.	Construc-tion.	Equipment.	Total.	
\$4,400 00	\$232,000 00	\$15,013 19	\$290 23	\$15,303 42	15.16
21,000 00	864,000 00	24,735 29	691 18	25,426 47	34.00
23,132 36	88,775 70	2,735 14	936 85	3,672 00	21.00
16,522 96	3,423,476 55	885,221 13	4,280 55	889,501 68	3.85
.....	264,860,733 05	.....	.....	36,351 56	7,286.09
.....	251,894,287 45	.....	.....	33,434 51	7,533.96
.....	63,211,277 41	.....	.....	38,079 77	1,659.97
.....	358,832,115 23	.....	.....	40,734 30	8,800.09
6,442,416 60	11,756,412 85	20,833 05	25,293 14	46,126 19	254.71
.....
28,345 32	333,004 73	23,315 30	2,096 44	28,411 74	11.61
.....
.....	179,904 76	9,312 00	.....	9,312 00	19.32
56,630 16	203,733 35	17,983 28	6,903 00	24,903 28	8.18
.....
3,242,983 02	46,709,338 37	73,897 34	5,513 40	79,410 74	588.20
21,426 30	4,318,643 19	693,009 97	3,455 85	693,555 82	6.20
9,100 00	80,133 02	5,261 70	674 07	5,935 77	13.50
2,138 31	303,467 14	7,219 46	766 80	7,983 26	38.00
51,061,643 90	291,414,415 34	38,577 22	8,193 98	46,761 20	6,231.97
.....
600,000 00	10,067,087 59	42,075 94	2,666 67	44,742 61	225.00
6,626 44	7,551 44	125 83	901 55	1,027 30	7.35
22,850 15	103,762 78	7,355 69	2,077 29	9,432 98	11.00
.....	121,638,306 95	.....	.....	57,848 32	2,103.73
.....
3,000 00	71,000 00	14,468 00	638 29	15,106 38	4.70
.....
130,000 00	1,121,725 00	27,022 48	3,542 23	30,564 71	36.70
43,559 00	825,625 16	19,163 61	1,067 37	20,230 97	40.81
81,374 13	409,250 47	15,908 69	3,948 28	19,856 88	20.61
.....
22,277 49	136,448 40	7,135 68	1,392 34	8,528 02	16.00
.....
22,870 80	53,590 12	11,638 04	522 73	12,190 77	23.00
9,259 26	972,244 99	36,476 74	350 72	36,827 46	26.40
11,901,030 78	76,274,626 86	27,245 81	6,072 21	33,318 02	2,289.29
.....
39,641,897 89	4378,781,651 71	.....	.....	.....	.....
17,050 68	239,987 47	27,837 10	2,131 33	29,968 43	8.00
.....
11,000 00	11,000 00	.....	880 00	880 00	12.50
19,831 69	45,000 00	877 08	710 06	1,607 14	28.00
.....
120,366 32	605,130 86	9,899 22	2,457 96	12,357 18	48.97
19,390 37	175,232 13	5,507 48	685 17	6,192 65	28.30
.....
.....	789,304 66	766,315 20	.....	766,315 20	1.03
.....
4,287,265 22	61,515,971 82	47,064 39	3,593 23	51,557 62	1,193.15
446,478 33	4,197,831 84	29,900 79	3,558 73	33,459 52	127.46
47,855 00	1,268,474 92	28,144 33	1,103 41	29,247 74	43.37
2,600 00	14,957 43	2,471 49	520 00	2,991 49	5.09
.....	100,000 00	5,149 33	.....	5,149 33	19.42
.....
.....	110,075 42	11,007 54	.....	11,007 54	10.00
46,000 00	314,437 93	11,671 21	2,000 00	13,671 21	23.00
16,790 00	54,630 49	1,288 06	571 83	1,859 92	29.36
.....
.....	\$1,959,150,737 52	.....	.....	\$40,607 95	33,917.97

⁵ Excluding Northern Pacific Ry.

⁶ \$137,000.00 deducted; sinking fund bonds of 1879 retired and credited to cost of road.

NET ADDITIONS TO ROAD AND
Of Roads Operating in Wisconsin as Reported to the
Constr

Name of Company.	Right of way, and station grounds.	Other real estate.	Fences.	Ballast, grad- ing and bridge and culvert masonry.
Abbotsford & N. E.....				
Alnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P. ²	\$3151,647 12			
Chi. & Northwestern ²	88,538 00	\$3,94	\$1,296 93	\$106,642 17
C., St. P., M. & O.....	1190 75	20,524 51	944 37	19,501 45
Chi., Burl. & Quincy....	749 50		23 27	9,680 26
Chi., L. S. & Eastern.....				
Chi., Harv. & G. Lake.....				
Chicago & Lake Superior.....				
Chip. River & Northern.....				
Chip. Valley & Northern.....	75			3,481 94
Drummond & S. W.....				
Duluth, S. S. & Atlantic.....				
Duluth, Sup. & W. T.....	23,947 85			54,748 12
Dunbar & Wausaukee....			372 77	
Fairchild & N. Eastern.....	874 57			
Great Northern				
Green Bay & Western.....				
Hawthorne, Neb. & Sup.....	120,725 10		1,624 93	
Hazelhurst & S. Eastern.....				
Hillsboro & N. Eastern.....				98 54
Illinois Central	163 51			
Iola & Northern.....				
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....			4 27	
La Crosse & S. Eastern.....	25 00			
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marinette, Tom. & W.....				
Mineral Pt. & Northern.....				
M., St. P. & S. Ste. M.....	7,015 80			
Northern Pacific				
N. W. Coal R'y Co.....	1,743 52			
Oshkosh Trans. Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P....	27 15			
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....	4,807 81	2,755 77	2,614 79	96,965 02
Wis., Ruby & Southern.....				
Wis., Bay View & Chi....				
Waupaca-Green Bay				
Wis. Northwestern				
Mattoon R'y. Co.....				
Total.....	\$561,705 66	\$23,284 22	\$7,657 47	\$291,117 50

¹ Credit.² Proportional.³ Extensions, second track and Galewood yards.

EQUIPMENT, ITEMIZED, WISCONSIN, 1908.
 Railroad Commission for the Year Ending June 30, 1908.
 uction.

Bridges, trestles, and culverts.	Rails.	Ties.	Other super-structure and material.	Buildings, furniture and fixtures.	Shop machinery and tools.
	1\$10 62		\$1 85	\$50 79	\$6 40
\$451,956 57	119,440 16	\$48,533 37	135,732 13	4102,871 55	35,138 28
2,725 25	18,185 03	10,045 98	88,787 67	219,335 83	
3,763 83	2,396 11	6,541 84	11,114 73	4,796 21	
				9 92	
		366 82			50 01
22,483 60	59,191 65	68,936 93	58,885 94	3,605 63	
7,569 83		4,334 93		112 93	
15,000 00	676 28	13,500 00	1283 17	14,078 14	
	523 60	387 58	534 91	590 03	
1,546 93	210,696 05			2,755 90	
				7,800 00	
					12 35
				1,130 79	
944 54	2,679 86	346 43			121 38
		7,690 72		10,550 01	
11,250 70	41,923 82	8,250 40	28,757 95	1,841 83	
\$197,241 28	\$261,709 94	\$151,995 00	\$383,532 01	\$431,412 42	\$35,398 17

⁴ Includes \$66,849.15 shops, engine houses, and turntables.
⁵ Rails and ties.

NET ADDITIONS TO ROAD AND EQUIPMENT.
Construction—

Name of Company.	Engineering expenses.	Interest during construction.	Discount on securities sold for construction.	Telegraph and telephone line.
Abbotsford & Northeastern.....				
Alnapee & Western.....				
Ashland, Odanah & Marengo.....				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chicago, Mil. & St. Paul ¹				
Chicago & Northwestern ¹	\$30,075 18			\$8,938 75
Chi., St. Paul, Minn. & O.....	2,562 87		\$39,525 43	212 74
Chi., Burlington & Quincy.....	981 25		28,554 91	
Chi., Lake Shore & Eastern.....				
Chicago, Harv. & Geneva L.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....		7,481 03		
Drummond & Southwestern.....				
Duluth, South Shore & Atl.....				
Duluth, Sup & W. Terminal.....	384 70			
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern				
Green Bay & Western.....				
Hawthorne, Nebag. & Sup.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central				
Iola & Northern				
J. R. Davis Lbr. Co. L. Ry.....				
Kewaunee, Green Bay & W.....				99 00
La Crosse & Southeastern.....	13 55			
Lake Sup. Term. & Transfer.....				
Laona & Northern.....				
Marathon County Ry Co.....				
Marquette, Tom. & Western.....				
Mineral Point & Northern.....				
Mpls., St. P. & S. Ste. M.....				
Northern Pacific				
Northwestern Coal Ry Co.....				
Oshkosh Transportation Co.....				
Roddiss L. & V. Co., L. Ry.....				
Robbins Ry Co.....				
Stanley, Merrill & Phillips.....				
Superior & Southeastern.....	693 53			\$1 87
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....	20,321 22			3,711 61
Wisconsin, Ruby & Southern.....				
Milwaukee, Bay View & Chi.....				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattson Ry Co.....				
Total.....	\$55,051 83	\$7,481 03	\$40,970 52	\$12,938 97

¹ Proportional.² Credit.

ITEMIZED, WISCONSIN, 1908—Continued.
Concluded.

Wharfing, etc.	Sidings and yard extensions.	Road built by contract.	Purchase of constructed road.	Other items.	Total construc- tion.
					\$48 42
	\$5,271 32		\$113,111 14	\$222,080 43 395,880 49 645 70 10,436 79	653,870 70 1,785,542 73 99,245 19 89,282 41
				250 00	11,630 60
104,486 11				14,550 37	411,223 90
			8,003 14	1,401 75	22,639 52
				22,728 40	236,237 43
				182 97	2,490 20
					15,140 70
	17,220 68				25,020 68
				102 40	114 75
	173 34				1,234 13
	22,043 83			1,500 59	6,472 53
					1,743 52
				2,031 77	5,303 59
				19,700 44	39,636 14
				787 96	787 93
				55,913 92	279,149 89
				350 19	350 19
				2 378,000 00	2 378,000 00
\$104,486 11	\$20,621 48		\$121,114 28	\$402,036 51	\$3,327,843 63

³ Amount of bonds canceled.

NET ADDITIONS TO ROAD AND EQUIPMENT,

Name of Company.	Equip			
	Locomotives.	Passenger cars.	Sleeping, parlor and dining cars.	Baggage, express and postal cars.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Mil. & St. Paul ¹	\$427,399 15	\$49,550 21		
Chicago & Northwestern ¹	121,810 99	99,167 17		
Chl., St. Paul, M. & O....	44,093 61	5 12		
Chicago, Burl. & Quincy.....				
Chicago, L. S. & Eastern.....				
Chi., Harv. & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Val. & Northern.....				
Drummond & Southwestern.....				
Duluth, S. S. & Atlantic.....				
Duluth, Sup. & W. Term.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....				
Green Bay & Western.....				
Hawthorne, Nebag. & Sup.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....				
Iola & Northern.....				
J. R. Davis L. Co., L. R'y.....				
Kewaunee, G. B. & West.....				
La Crosse & S. E.....				
Lake Sup. Term. & Trans.....	27,300 67			
Laona & Northern.....	1,034 77			
Marathon County R'y Co.....				
Marquette, Tom. & Western.....				
Mineral Point & Northern.....				
Mpolis, St. P. & S. Ste. M.....	463 06	2548 41		
Northern Pacific.....				
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	6,895 68			
Superior & Southeastern.....	2,900 00			
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....				
Wisconsin & Michigan.....				
Wisconsin & Northern.....	6,600 00			
Wis., Ruby & Southern.....				
Mil., Bay View & Chicago.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y. Co.....				
Total.....	\$638,497 93	\$148,174 09		

¹ Proportional,² Credit.

REPORT OF THE RAILROAD COMMISSION.

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ITEMIZED, WISCONSIN, 1908—Concluded.

ment.					Grand total construction and equipment.
Combination cars.	Freight cars.	Other cars of all classes.	Floating equipment and other items.	Total equipment.	
		\$282 36		\$282 36	\$282 33
	\$32 00			32 00	89 42
		4,254 70		481,204 06	1,135,074 73
	58,491 29			279,439 45	2,035,012 18
	199,830 30			243,929 03	343,174 13
					80,282 41
					11,630 60
					411,223 90
					22,687 98
² 1,042 91	22,069 72	² 1,113 02		² 4,225 65	² 40,493 11
					2,490 20
		5,287 14		5,287 14	5,287 14
	2,302 87			2,302 87	17,443 57
				27,300 67	52,321 35
				1,061 77	1,177 52
	1,908 02	197 73		2,020 49	1,324 13
					8,492 93
					1,743 52
		² 7,947 29		² 1,081 61	4,224 98
		675 99		3,575 99	43,212 13
	23,875 00		² 3,242 05	² 3,242 05	² 3,454 00
				30,475 00	309,624 87
			² 52,000 00	² 52,000 00	357 19
					² 130,000 00
² \$1,042 91	\$224,369 76	\$1,639 61	² \$55,242 05	\$1,016,396 43	\$4,344,240 09

² Amount of bonds canceled.

NET ADDITIONS TO ROAD AND
Of Roads Operating in Wisconsin as Reported to the
Constr

Name of Company.	Right of way and station grounds.	Other real estate.	Fences.	Ballast, grading, bridge and culvert masonry.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Mil. & St. P.	\$21,861,781 81			
Chicago & Northwestern	348,664 40	\$15 50	\$16,909 75	\$419,670 84
Chi., St. P., Mpls. & O.	1,379 92	60,395 76	8,160 69	113,834 60
Chi., Burlington & Quincy	499,866 57	31,749 04	22,308 48	488,026 57
Chi., L. S. & Eastern	232,377 84		13 70	581,352 96
Chi., Harvard & Geneva L.	459 00			
Chicago & Lake Superior				
Chippewa R. & Northern				3,481 94
Chippewa V. & Northern	75			
Drummond & Southwestern				
Dul., S. S. & Atlantic			383 24	7,655 63
Dul., Sup. & West. Term.	23,947 85			54,748 12
Dunbar & Wausaukee				
Fairchild & Northeastern	894 57		372 77	
Great Northern	221,189 48	226,583 60	85,753 25	2,629,394 05
Green Bay & Western				
Haw., Nebacamon & Sup.	20,725 10		1628 93	
Hazelhurst & Southeastern				
Hillsboro & Northeastern			1,261 86	166,372 31
Illinois Central	40,026 61			
Iola & Northern				
J. R. Davis L. Co., L. Ry.				
Kewaunee, G. B. & West.			4 27	
La Crosse and Southeastern	25 00			
Lake Sup., Term. & Trans.				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & W.				
Mineral Point & Northern				
Mpls., St. P. & S. Ste. M.	266,928 58	29 00	110,110 16	2,062,003 22
Northern Pacific	607,719 75	1,127,469 45	23,701 22	6,650,514 59
Northwestern Coal Ry. Co.	1,743 52			
Oshkosh Transportation Co.				
Roddis L. & V. Co., L. R.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	27 15			
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	321,691 30		4,747 73	911,462 23
Wisconsin & Michigan				
Wisconsin & Northern	4,807 81	2,755 77	2,644 79	96,965 02
Wisconsin, Ruby & S.				
Mil., B. V. & Chicago				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$4,472,806 81	\$1,449,003 12	\$274,832 98	\$14,185,481 66

¹ Credit.² Extensions, second track and Galewood yards.

EQUIPMENT ITEMIZED, WHOLE LINE, 1908.
 Railroad Commission for the Year Ending June 30, 1908.
 uction.

Bridges and trestles.	Rails.	Ties.	Other super-structure and material.	Buildings, furniture and fixtures.	Shop machinery and tools.
	\$110 62		\$1 85	\$50 79	\$6 40
\$1,778,590 59	470,084 43	191,230 11	770,267 20	3421,259 44	138,280 12
16,444 74	53,449 08	30,712 84	92,599 59	1,177,983 32	3,807 29
325,738 93	295,522 99	261,451 72	805,371 97	466 00	30,693 51
272,481 16	537,857 37	352,795 50		237,958 16	22,672 22
				13,076 87	1824 21
		366 82			50 06
2,023 16	40,741 84	4,032 51		4,650 10	
22,483 60	59,194 65	68,936 93	58,885 94	3,605 63	
7,569 86		4,334 93		112 96	
954,472 38	1,997,324 68	964,464 91	1,383,469 12	180,257 61	95,407 24
15,000 00	676 28	13,500 00	1283 17	14,078 14	
295,299 96	113,680 47	14,133 61	34,150 03	98,642 75	36,885 83
1,546 93	410,696 05			2,755 90	
				7,800 00	
					12 35
398,999 50	1,962,355 07	526,593 46	9,948 93	1,160 79	77,463 65
2,574,913 81	1,148,273 75	690,434 53	924,582 69	464,509 07	218,604 12
944 54	2,679 86	346 43		10,550 01	191 38
		7,690 72			
187,315 06	408,901 68	178,572 02	1,772 50	152,854 27	47.07
11,250 70	41,928 82	8,250 40	28,757 95	1,841 88	
\$6,845,074 92	\$7,143,306 40	\$3,300,847 44	\$4,109,524 60	\$3,015,561 43	\$623,297 03

³ Includes \$273,747.54 for shops, engine houses and turntables.
⁴ Includes ties.

NET ADDITIONS TO ROADS AND EQUIPMENT
Construction—

Name of Company.	Engineering expenses.	Interest during construction.	Discount on securities sold for construction.	Telegraph and telephone line.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Mil. & St. Paul				
Chicago & Northwestern	\$118,433 95			\$34,748 91
Chi., St. P., Mpls. & O.	6,497 23		\$2152,534 95	569 83
Chicago, Burlington & Q.	36,610 02			8,834 83
Chi., Lake Shore & Eastern	32,496 69			
Chi., Harvard & Geneva L.	25 00			
Chicago & Lake Superior				
Chippewa R. & Northern		7,481 03		
Chippewa V. & Northern				
Drummond & Southwestern				
Dul., S. S. & Atlantic	258 74			
Dul., Sup. & West. Term.	384 70			
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern	141,508 15			73,295 07
Green Bay & Western				
Haw., Nebagamon & Sup.				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	6,837 90			2,381 88
Iola & Northern				
J. R. Davis L. Co., L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & Southeastern	13 55			99 00
Lake Sup. Term. & Trans.				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & W.				
Mineral Point & Northern				
Mpls., St. P., & S. Ste. M.	104,038 99	267,457 70		70,645 99
Northern Pacific	220,346 17			44,908 40
Northwestern Coal Ry. Co.				
Oshkosh Transportation Co.				
Roddis L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern	693 56			86 87
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	28,585 31	262,722 55	398,983 70	28,785 60
Wisconsin & Michigan				
Wisconsin & Northern	20,321 22			3,711 61
Wis., Ruby & Southern				
Mil., Bay View & Chi.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$717,051 18	\$537,661 28	\$246,448 75	\$230,491 70

¹ Stockyards.² Credit.³ Includes \$448,583.93 general expenditures.

REPORT OF THE RAILROAD COMMISSION.

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ITEMIZED, WHOLE LINE, 1908—continued.
concluded.

Wharfing, etc.	Sidings and yard extensions.	Terminal facilities, elevators, shops and round- houses, etc.	Purchase of constructed road.	Other items.	Total construc- tion.
					\$48 42
	\$121,586 08		\$463,190 57	\$290,214 72	2,677,603 18
		\$22,000 00		1,561,843 94	7,023,669 56
		11,173 27	5,516,708 02	23,736 12	267,499 61
				1,210,827 33	9,551,439 75
				633,499 35	2,963,504 95
\$750 00				3,528 39	861 31
				250 00	11,630 60
27,415 71	16,166 19		16,006 25		84,501 98
104,486 11				14,550 37	411,223 90
			8,003 14	1,401 75	22,689 98
		797,676 61	212,276,115 48	31,803,908 38	3223,830,825 01
				22,729 30	236,267 36
		56,987 08	7,451,309 01	45,140 48	48,323,109 78
	17,220 68				15,140 70
					25,020 68
				102 40	114 75
	173 34				1,334 13
	68,554 13	1,752 47		578,268 07	6,969,667 99
			4,975,915 33	51,299,062 67	520,751,260 37
					1,743 52
				2,061 77	5,306 59
				19,700 44	39,666 14
4,475 37.	231,261 03	3,234 81	32,799 52	88,602 54	3,209,293 05
				787 96	787 96
				55,913 92	279,149 89
				350 19	350 19
				2 078,000 00	278,000 00
\$102,295 77	\$354,961 45	\$868,874 24	\$230,740,047 32	\$7,138,599 55	\$286,353,166 63

⁴ Includes \$22.28 general expenditures.

⁵ Includes \$271,588.98 general expenditures.

⁶ Amount of bonds canceled.

NET ADDITIONS TO ROAD AND EQUIPMENT.

Name of Company.	Equip			
	Locomotives.	Passenger train cars.	Sleeping, parlor and dining cars.	Baggage, express and postal cars.
Abbotsford & Northeastern				
Alhambra & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Mil. & St. Paul	\$1,750,201 25	\$202,908 33		
Chicago & Northwestern	479,364 36	390,253 86		
Chi., St. Paul, Mpls. & O.	96,738 94	11 23		
Chi., Burlington & Quincy	1,582,932 37	170,423 92		
Chi., Lake Shore & E.	339,692 40			
Chi., Harvard & Geneva L.	5,567 89	19,559 80		
Chicago & Lake Superior				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & Southwestern				
Duluth, S. S. & Atlantic				
Duluth, Superior & W. T.				
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern	6,772,385 99	2,705,161 63		
Green Bay & Western				
Haw., Nebag. & Superior				
Hazellhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	798,635 50	38,022 24		
Iola & Northern				
J. R. D. L. Co., Log. Ry.				
Kewaunee, G. B. & W.				
La Crosse & Southeastern				
Lake Sup. Term. & Trans.	27,300 67			
Laona & Northern	1,034 77			
Marathon County Ry. Co.				
Marinette, Tomahawk & W.				
Mineral Point & Northern				
M., St. P. & S. Ste. M.	3,006 83	13,561 10		
Northern Pacific	1,031,000 38	264,772 14		
Northwestern Coal Ry. Co.				
Oshkosh Transportation Co.				
R. L. & V. Co., Log. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	6,835 68			
Superior & Southeastern	2,900 00			
Tomahawk & Eastern				
Whitecomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	2,971 04			
Wisconsin & Michigan		4,292 10		
Wisconsin & Northern	6,600 00			
Wisconsin, Ruby & S.				
Milwaukee, B. V. & Chicago				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$12,907,289 12	\$3,521,876 71		

¹ Credit.

² \$137,000.00 deducted; sinking fund bonds of 1873 retired and credited to cost of road.

ITEMIZED, WHOLE LINE, 1908—Concluded.

ment.					Grand total construction and equipment.
Combination cars.	Freight cars.	Other cars of all classes.	Floating and work equipment.	Total equipment.	
		\$282 36		\$282 36	\$282 36
	\$32 00			32 00	80 42
		17,423 02		1,970,532 60	4,648,135 78
	230,181 54			1,009,799 76	27,989,469 32
	438,416 63			585,166 89	802,066 41
	1,495,487 12		\$991,179 91	3,999,175 48	13,550,615 23
	4,339,772 29	2,824 92		4,682,289 61	7,645,794 53
	491 59	1,564 82	12,070 00	14,005 50	13,144 19
					11,630 60
					84,501 98
					411,223 90
					22,689 98
	16 454,988 56		538,413 78	26,470,948 96	250,301,773 97
\$1,042 91	12,069 72	11,113 02		14,235 65	140,493 01
	4,836,950 04		73,228 65	5,796,836 43	14,119,946 21
		5,289 14		5,289 14	5,289 14
	2,302 87			2,302 87	17,443 57
				27,300 67	52,321 35
				1,034 77	1,179 52
					1,334 13
	12,389 75	1,283 99		13,119 52	6,982,777 51
	1,049,895 30	500 00		2,346,227 82	23,097,483 19
					1,743 52
		17,947 29		11,081 61	4,224 98
		675 99		3,575 99	43,242 13
				2,971 04	3,212,231 09
	110,543 79		379 48	15,872 21	15,081 27
	23,875 00			30,475 00	309,624 81
					350 10
			1 452,000 00	52,000 00	213,000 00
\$1,042 91	\$28,922,167 18	\$20,783 93	\$1,549,131 82	\$46,920,205 85	\$33,139,372 33

³ Includes \$271,884.98 general expenditures.

⁴ Amount of bonds canceled.

INCOME ACCOUNT,
Of Roads Operating in Wisconsin, as Reported to the
Operating

Name of Company.	Rail operations.			
	Operating revenues.	Operating expenses.	Net operating revenue.	Net operating deficit.
Abbotsford & N. E.....	\$31,453 01	\$29,405 84	\$2,047 17	.....
Ahnapee & Western.....	79,174 38	43,542 29	35,632 09	.....
Ashland, Odanah & M..	45,755 83	56,660 21	.....	\$10,904 38
Bayfield Transfer	19,181 10	18,220 58	960 52	.....
Big Falls Ry. Co.....	9,156 09	7,087 60	2,068 40	.....
Chi., Mil. & St. Paul.	16,822,348 70	19,993,241 39	6,829,107 31	.....
Chicago & N. W. ²	16,351,295 93	10,770,270 57	5,581,025 36	.....
Chi., St. P., M. & O..	6,015,587 84	24,170,443 46	1,845,144 38	.....
Chi., Burlington & Q..	.....	.....	.....	.....
Chi., Lake Shore & E..	74,351 77	52,370 04	21,981 73	.....
Chi., Harv. & Geneva L.	14,581 21	12,941 09	1,640 12	.....
Chi., & Lake Superior..	5,757 06	6,278 19	.....	521 13
Chippewa River & N... ¹	10,749 32	9,348 11	1,401 21	.....
Chippewa Valley & N..	16,981 59	13,852 85	3,078 74	.....
Drummond & S. W....	13,632 20	15,708 97	.....	2,076 77
Dul., S. S & Atlantic..	344,457 23	362,217 70	.....	17,760 47
Dul., Sup. & West. T..	.....	.....	.....	.....
Dunbar & Wausaukee..	31,598 55	18,828 22	12,770 33	.....
Fairchild & N. E.....	13,601 07	17,988 05	613 02	.....
Great Northern	1,272,824 79	1,082,351 22	190,473 57	.....
Green Bay & Western..	601,429 04	417,785 72	183,643 32	.....
Haw., Nebag. & Sup... ¹	9,446 56	2,848 39	6,598 17	.....
Hazelhurst & S. E....	18,180 61	13,306 29	4,874 32	.....
Hillsboro & N. E.....	13,696 62	7,858 93	5,837 69	.....
Illinois Central	132,526 40	169,981 52	.....	37,455 12
Iola & Northern	6,749 30	7,414 78	.....	665 48
J. R. Davis L. Co. L. R.	.....	.....	.....	.....
Kewaunee, G. B. & W.	127,048 38	83,010 51	44,037 87	.....
La Crosse & S. E.....	67,490 28	46,632 16	20,858 12	.....
Lake Superior T. & T..	37,772 75	151,756 29	.....	113,983 54
Laona & Northern.....	18,534 72	13,731 79	4,802 93	.....
Marathon Co. Ry. Co..	13,111 31	11,406 58	1,704 73	.....
Mainette, T. & W.....	48,031 09	41,911 03	6,120 06	.....
Mineral Point & N... ¹	73,057 13	58,338 21	14,718 92	.....
M., St. P. & S. Ste. M.	1,671,308 50	1,109,377 08	561,931 42	.....
Northern Pacific	579,758 51	647,853 44	.....	68,094 93
N. W. Coal Ry. Co.....	23,276 46	22,043 76	1,232 70	.....
Oshkosh Trans. Co....	.....	3,853 73	.....	3,853 73
Roddis L. & V. C. L. R.	5,342 97	5,242 97	.....	.....
Robbins Ry. Co.....	29,873 43	27,677 58	2,195 85	.....
Stanley, Merrill & P... ¹	123,041 02	99,196 63	23,844 39	.....
Superior & S. E.....	37,488 26	27,486 37	10,001 89	.....
Tomahawk & Eastern..	14,167 65	6,182 73	7,984 92	.....
Whitcomb & Morris ...	2,943 76	3,768 85	.....	825 09
Winona Bridge Ry. Co.	.....	.....	.....	.....
Wisconsin Central	6,013,183 19	4,358,992 79	1,654,190 40	.....
Wisconsin & Michigan.	166,941 05	135,121 25	31,819 80	.....
Wisconsin & Northern..	34,759 64	28,264 99	6,494 65	.....
Wis., Ruby & Southern	.....	.....	.....	.....
Mil., Bay View & Chi..	.....	.....	.....	.....
Waupaca-Green Bay ...	5,245 73	4,384 17	861 56	.....
Wisconsin Northwestern	37,768 87	24,122 91	13,645 96	.....
Mattoon Ry. Co.....	35,476 88	27,038 46	8,438 42	.....
Total	\$51,125,087 78	\$34,237,446 38	\$17,143,782 04	\$256,140 64

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

747

WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Income.¹

Outside operations.				Total net revenue.	Total net deficit.
Revenues.	Expenses.	Net revenue.	Net deficit.		
				\$2,047 17	
				35,632 09	
					\$10,904 38
\$160 41		\$160 41		1,120 93	
				2,068 40	
280,956 64	2141,032 26	2139,924 38		6,969,031 69	
85,932 60	96,019 35		\$10,086 75	5,570,938 61	
250,246 93	250,012 76	234 17		1,845,378 55	
				21,981 73	
				1,640 12	
					521 13
				1,401 21	
				3,078 74	
					2,076 77
16,435 11	9,954 46	6,480 65			11,279 82
				12,770 33	
				613 02	
(3)	(3)			190,473 57	
				183,643 32	
				6,598 17	
				4,874 32	
				5,837 69	
					37,455 12
					665 43
				44,037 87	
				20,858 12	
					113,983 54
				4,802 93	
				1,704 73	
				6,120 06	
54,554 26	16,307 33	38,246 93		14,718 92	
				600,178 35	
2,507 47		2,507 47			65,587 46
				1,232 70	
					3,853 73
				2,195 85	
				23,844 39	
				10,001 89	
				7,984 92	
					825 09
58,155 20	47,357 18	10,798 02		1,664,988 42	
				31,819 80	
				6,494 65	
				861 56	
				13,645 96	
				8,438 42	
\$548,948 62	\$360,683 34	\$198,352 03	\$10,086 75	\$17,323,050 20	\$247,152 52

³ Not given.

INCOME ACCOUNT,

Name of Company.	Operating income—continued.			Other Income from lease of road.
	Taxes accrued.	Operating income.	Operating loss.	
Abbotsford & Northeastern	\$967 13	\$1,080 04	.....	.....
Ahnapee & Western.....	2,199 15	33,432 04	.....	.....
Ashland, Odanah & M.....	637 50	.....	\$11,541 88	.....
Bayfield Transfer	367 09	753 84	.....	.....
Big Falls R'y Co.....	456 57	1,611 83	.....	.....
C., M. & St. P.....	946,227 44	6,022,804 25	.....	\$5,331 49
Chicago & Northwestern ¹	668,031 28	4,902,907 33	.....	.....
C., St. P., M. & O.....	305,937 16	1,539,441 39	.....	.....
Chicago, Burl. & Quincy.....	.....	.....	.....	.....
Chicago, L. S. & Eastern..	5,180 57	16,801 16	.....	.....
Chi., Harv. & Geneva L... ..	185 75	1,454 37	.....	.....
Chicago & Lake Superior..	51 70	.....	572 83	.....
Chip. River & Northern....	409 80	991 41	.....	.....
Chip. Valley & Northern....	417 16	2,661 53	.....	.....
Drummond & S. Western... ..	758 35	.....	2,835 12	.....
Duluth, S. S. & Atlantic..	14,463 51	.....	25,748 33	.....
Duluth, Sup. & W. Term..	.....	.....	.....	160,000 00
Dunbar & Wausaukee.....	995 92	11,774 41	.....	.....
Fairchild & Northeastern..	1,249 32	.....	636 30	.....
Great Northern	89,705 81	100,767 76	.....	.....
Green Bay & Western....	24,686 06	158,957 26	.....	.....
Hawthorne, Nebag. & Sup.	596 79	6,001 38	.....	.....
Hazelhurst & Southeastern	489 13	4,385 19	.....	.....
Hillsboro & Northeastern..	173 29	5,664 40	.....	.....
Illinois Central	11,055 82	.....	48,510 94	.....
Iola & Northern.....	219 80	.....	895 28	.....
J. R. Davis. L. Co., L. R'y	.....	.....	.....	.....
Kewaunee, Green Bay & W.	4,784 96	39,252 91	.....	.....
La Crosse & S. Eastern....	3,127 89	17,730 23	.....	.....
Lake Sup. T. & Transfer..	3,199 54	.....	117,183 08	.....
Laona & Northern.....	460 49	4,342 44	.....	.....
Marathon Co. R'y Co.....	414 45	1,290 28	.....	.....
Marinette, Tom. & Western	2,048 67	4,071 39	.....	888 80
Mineral Point & Northern..	3,223 46	11,495 46	.....	.....
Mpolis, St. P. & S. Ste. M.	130,039 78	470,088 57	.....	.....
Northern Pacific	38,315 66	.....	103,903 12	.....
Northwestern Coal R'y Co.	1,088 36	144 34	.....	.....
Oshkosh Transportation Co.	1,098 40	.....	4,952 13	11,249 75
Roddis L. & V. Co., L. R'y	.....	.....	.....	.....
Robbins R'y Co.....	575 64	1,620 21	.....	.....
Stanley, Merrill & Phillips	610 35	23,234 04	.....	.....
Superior & Southeastern...	346 40	9,655 49	.....	.....
Tomahawk & Eastern.....	.....	7,984 92	.....	.....
Whitcomb & Morris.....	109 50	.....	934 50	.....
Winona Bridge R'y Co.....	.....	.....	.....	.....
Wisconsin Central	274,922 39	1,390,066 03	.....	.....
Wisconsin & Michigan.....	4,232 75	27,587 05	.....	.....
Wisconsin & Northern....	4,246 91	2,247 74	.....	.....
Wis., Ruby & Southern.....	.....	.....	.....	.....
Mil., Bay View & Chicago.	.....	.....	.....	11,500 00
Waupaca-Green Bay .....	.....	861 56	.....	.....
Wisconsin Northwestern ..	469 03	13,176 93	.....	.....
Mattoon R'y. Co.....	696 24	7,742 13	.....	.....
Total.....	\$2,549,527 97	\$14,314,082 31	\$317,703 60	\$188,970 13

¹ Proportional.

WISCONSIN, 1908—Continued.

income.

Joint facilities.	Equipment loaned.	Interest accrued on bonds owned.	Dividends declared on stocks owned	Miscellaneous income—less expenses.	Total other income.
				\$368 19	\$368 19
\$105,371 72		\$27,919 40	\$8,890 25	\$32,244 58	482,757 44
16,507 96		814 73	492,331 20	240,226 14	740,880 03
8,665 81	\$5,814 22	2,500 00		16,740 69	23,720 72
	348 06				348 03
100 00	2,529 87			1,103 71	3,733 58
					160,000 00
				81,514 80	81,514 80
	12,708 45	8,750 00		5,670 20	27,128 65
112 00	68				112 68
				338 65	338 65
	7,556 72	750 00		2,829 06	10,385 78
					750 00
	2,477 86			58 43	3,425 18
	24,368 07			19,636 46	43,991 53
					11,249 75
	1,345 80				1,315 80
		9,371 65		33,568 50	42,940 15
7,477 19					7,477 19
					11,500 00
\$138,234 68	\$57,139 73	\$50,105 78	\$501,221 45	\$734,299 41	\$1,689,971 13

INCOME ACCOUNT,

Name of company.	Gross corporate income.	Gross corporate loss.	Deductions	
			Rents accrued for lease of other roads.	Joint facilities.
Abbotsford & N. E.....	\$1,080 04			
Ahnapee & Western	33,801 13			
Ashland, Odanah & M.....		\$11,541 83		
Bayfield Transfer	753 84			
Big Falls Ry. Co.....	1,611 83		\$1,680 00	
Chi., Milw. & St. P.....	6,512,561 69			132,530 27
Chicago & N. W. ¹	5,652,787 36		10,627 86	59,705 36
C., St. P., M. & O.....	1,563,162 11		100 00	10,630 38
Chi., Burl. & Q.....				
Chi., L. S. & E.....	17,149 22		11,500 00	
Chi., Harv. & G. L.....	1,454 37			
Chicago & L. S.....		572 83		
Chippewa R. & N.....	991 41			
Chippewa V. & N.....	2,661 58			
Drummond & S. W.....		2,835 12		
Duluth, S. S. & Atl.....		22,014 75		5,502 35
Duluth, Sup. & W. T.....	160,000 00			
Dunbar & Wausaukee ..	11,774 41			
Fairchild & N. E.....		636 30		
Great Northern	182,282 56			
Green Bay & Western ..	186,085 91		15,442 16	
Hawthorne, Nebag. & S.	6,001 33			
Hazellhurst & S. E.....	4,385 19		1 00	
Hillsboro & N. E.....	5,664 40			
Illinois Central		48,398 26		
Iola & Northern		546 63		
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	49,638 69			
La Crosse & S. E.....	18,480 23			
Lake Superior T. & T.....		117,183 08		512 40
Laona & Northern	4,342 44			
Marathon Co. Ry. Co.....	1,290 28			
Marinette, T. & W.....	7,496 57			
Mineral Point & N.....	11,495 46			1,183 50
Mpls., St. P. & S. S. M.	514,083 10			
Northern Pacific		103,903 12		
N. W. Coal Ry. Co.....	144 34			
Oshkosh Transp. Co.....	6,297 63			
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....	1,620 21			
Stanley, Merrill & P.....	24,579 84		600 00	
Superior & S. E.....	9,655 49			
Tomahawk & Eastern ..	7,984 92		888 89	
Whitcomb & Morris		934 59		
Winona Bridge Ry. Co..				
Wisconsin Central	1,433,006 18			322,691 04
Wisconsin & Michigan..	35,064 24		4,781 51	
Wisconsin & Northern..	2,247 74			
Wisconsin, Ruby & S.....				
Milw. B. V. & C.....	11,500 00			
Waupaca-Green Bay ...	861 56			
Wisconsin N. W.....	13,176 93			
Mattoon Ry. Co.....	7,742 18			
Total	\$16,504,916 48	\$308,566 56	\$45,621 42	\$402,755 30

¹ Proportional

WISCONSIN, 1908—Continued.

from gross corporate income.

Equipment borrowed.	Interest accrued on funded debt.	Other interest.	Other deductions.	Total deductions from gross corporate income.
\$283 98	\$6,720 00 21,250 00		\$341 25	\$6,720 00 21,875 18
	75,000 00 150 00	\$11,436 61		86,436 61 1,830 00
\$71,777 32 48,684 19	1,444,872 79 1,940,390 81 4719,729 70	779 15 13,574 52	58,324 19	1,519,180 88 2,118,511 56 734,034 60
			100,000 00	111,500 00
	3,125 00	684 68		3,809 68
	3,667 50 3,000 00			3,667 50 3,000 00
	158,379 63 20,000 00	208 26		164,090 24 20,000 00
				(2)
	65,000 00			80,442 16
				1 00
5,422 28	86,256 95			91,679 23
	20,400 00 37,500 00 11,700 00	621 87 1,000 00		21,021 87 38,500 00 16,057 28
3,844 88		4,207 51 1,098 89		4,207 51 1,098 89
2,413 59	22,500 00 466,568 10	1,547 47		27,644 56 466,568 10
	11,000 00			11,000 00
		2,346 10		2,346 10
	25,000 00	1,452 50		27,052 50
				888 89
101,633 41	1,013,615 34 55,297 00	5,627 81 5,752 69		1,443,567 00 65,831 20
	330 00			330 00
		229 26 3,000 00	711 00	940 26 3,000 00
\$234,059 60	\$6,211,452 82	\$43,567 32	\$150,376 44	\$7,006,832 90

² Not given.

INCOME ACCOUNT,

Name of company.	Net corporate income.	Net Corporate loss.
Abbotsford & Northeastern		\$5,639 96
Ahnapee & Western	\$11,925 95	
Ashland, Odanah & Marengo		11,541 88
Bayfield Transfer		85,682 77
Big Falls R'y Co.		218 17
Chicago, Mliwaukee & St. Paul.....	4,993,381 31	
Chicago & Northwestern ¹	3,534,275 80	
Chicago, St. Paul, Minneapolis & Omaha.....	829,127 51	
Chicago, Burlington & Quincy.....		94,350 78
Chicago, Lake Shore & Eastern.....		
Chicago, Harvard & Geneva Lake.....		2,355 31
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern		5,835 12
Duluth, South Shore & Atlantic.....		183,704 90
Duluth, Superior & Western Terminal.....	140,000 00	
Dunbar & Wausaukee	11,774 41	
Fairchild & Northeastern		636 30
Great Northern	182,282 56	
Green Bay & Western.....	105,643 75	
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern	4,384 19	
Hillsboro & Northeastern	5,664 40	
Illinois Central		140,077 49
Iola & Northern		546 63
J. R. Davis Lumber Co., Logging R'y.....		
Kewaunee, Green Bay & Western.....	28,616 82	
La Crosse & Southeastern.....		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern	134 93	
Marathon County R'y Co.	191 39	
Marinette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		16,149 10
Minneapolis, St. Paul & Sault Ste. Marie.....	47,515 00	
Northern Pacific ³		
Northwestern Coal R'y Co.		10,855 66
Oshkosh Transportation Co.	6,297 62	
Roddiss Lumber & Veneer Co., Logging R'y.....		
Robbins R'y Co.		725 89
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern.....	9,655 49	
Tomahawk & Eastern	7,096 03	
Whitcomb & Morris		934 59
Winona Bridge R'y Co.		
Wisconsin Central		10,561 42
Wisconsin & Michigan		30,766 96
Wisconsin & Northern	2,247 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	11,500 00	
Waupaca-Green Bay	531 56	
Wisconsin Northwestern	12,236 67	
Mattoon R'y Co.	4,742 18	
Total	\$9,963,714 67	\$760,294 56

¹ Proportional.² Not given.

INCOME ACCOUNT,

Name of Company.	Surplus from operations of year ending June 30, 1908.	Deficit from operations of year ending June 30, 1908.
Abbotsford & Northeastern.....		\$5,639 96
Ahnapee & Western	\$11,925 95	
Ashland, Odanah & Marengo.....		11,541 83
Bayfield Transfer		85,682 77
Big Falls R'y Co.....		218 17
Chicago, Milwaukee & St. Paul.....	2,720,357 94	
Chicago & Northwestern ¹	1,250,738 73	
Chicago, St. Paul, Minneapolis & Omaha.....		122,083 07
Chicago, Burlington & Quincy.....		96,297 01
Chicago, Lake Shore & Eastern.....		
Chicago, Harvard & Geneva Lake.....		2,355 31
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern.....		5,835 12
Duluth, South Shore & Atlantic.....		183,104 99
Duluth, Superior & Western Terminal.....		
Dunbar & Wausaukee	11,774 41	
Fairchild & Northeastern		636 30
Great Northern	182,282 56	
Green Bay & Western.....		19,353 25
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern		615 81
Hillsboro & Northeastern	5,664 40	
Illinois Central		140,077 49
Iola & Northern		546 63
J. R. Davis Lumber Co., Logging R'y.....		
Kewaunee, Green Bay & Western	28,616 82	
La Crosse & Southeastern.....		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern		
Marathon County R'y Co.....		
Marquette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		16,149 10
Minneapolis, St. Paul & Sault Ste. Marie.....		194,634 61
Northern Pacific ²		
Northwestern Coal R'y Co.....		10,855 66
Oshkosh Transportation Co.		621 26
Roddis Lumber & Veneer Co., Logging R'y.....		
Robbins R'y Co.		725 89
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern	9,655 49	
Tomahawk & Eastern	7,036 03	
Whitcomb & Morris		934 59
Winona Bridge R'y Co.....		
Wisconsin Central		10,561 42
Wisconsin & Michigan.....		30,766 96
Wisconsin & Northern	2,247 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	5,750 00	
Waupaca-Green Bay	531 56	
Wisconsin Northwestern	12,236 67	
Mattoon R'y Co.	4,742 18	
Total	\$4,278,109 84	\$1,099,614 82

¹ Proportional.² \$76,141.39 deficit for the year ending June 30, 1908.

REPORT OF THE RAILROAD COMMISSION.

WISCONSIN, 1908 Continued.

Surplus on June 30, 1907.	Disburse- ments June 30, 1908.	Additions for year.	Disburse- ments for year.	Surplus on June 30, 1908.	Deficit on June 30, 1908.
27,202 58				20,777 00	
17,338 16				27,821 20	
21,580 00					551 00
431 61	72,610 00			6,234	2,476 14
6,737 189 24		648,341 68	51,284 42	1,022,267 00	
	10,457 08				11,784 10
1,816 64	10,762 51			4,444 72	26,230 85
11,185 41	1,728,251 31		2,750 00	21,201 22	1,222,061 66
191,761 00				777,116 18	
9,815 21				2,700 00	
9,172 78				2,498 12	
69,150 00				21,747 17	
1,528 28					18,711 51
25,748 07	1,001 74		311 08		17,341 88
6,121 18	22,127 01			1,734 52	14,722 51
11,172 21				8,041 13	
				7,000 00	
202,291 10		13,531 21	70,000 05	915,107 00	
	8,004 12				270 08
				5,250 00	
8,211 11				2,000 51	
145	00	145	00	00	00

1 Not reported.

* Totals omitted on account of incomplete reports.

INCOME ACCOUNT,
Of Roads Operating in Wisconsin as Reported to the
Operating

Name of Company.	Rail operations.			
	Operating revenues.	Operating expenses.	Net operating revenue.	Net operating deficit.
Abbotsford & N. E.....	\$31,453 01	\$29,405 84	\$2,047 17	.....
Ahnapee & Western.....	79,174 38	43,542 29	35,632 09	.....
Ashland, Odanah & M..	45,755 83	56,660 21	.....	\$10,904 38
Bayfield Transfer	19,181 10	18,220 58	960 52	.....
Big Falls Ry. Co.....	9,156 09	7,087 69	2,068 40	.....
Chi., Mil. & St. P.....	56,932,620 50	37,163,368 43	19,769,252 07	.....
Chicago & Northwestern	63,219,344 19	41,641,313 63	21,578,030 56	.....
Chi., St. P., M. & O...	12,835,693 93	8,542,481 67	4,323,204 26	.....
Chi., Burlington & Q...	77,748,161 52	55,268,407 48	22,479,754 04	.....
Chi., Lake Shore & E...	4,348,960 78	2,975,577 10	1,373,383 68	.....
Chi., Harv. & Geneva L.	29,162 41	25,832 21	3,280 20	.....
Chi., & Lake Superior..	5,757 06	6,278 19	.....	521 13
Chippewa R. & Northern	10,749 32	9,348 11	1,401 21	.....
Chippewa V. & Northern	16,931 59	13,852 85	3,078 74	.....
Drummond & S. W.....	13,632 20	15,708 97	.....	2,076 77
Dul., S. S. & Atlantic.	2,921,916 02	2,206,214 69	715,701 33	.....
Dul., Sup. & W. T.....	.....	.....	.....	.....
Dunbar & Wausaukee..	31,598 55	18,828 22	12,770 33	.....
Fairchild & N. E.....	18,601 07	17,988 05	613 02	.....
Great Northern	54,069,538 74	35,867,600 24	18,201,938 50	.....
Green Bay & W.....	601,429 04	417,785 72	183,643 32	.....
Haw., Nebag. & Sup...	9,446 56	2,848 39	6,598 17	.....
Hazelhurst & S. E.....	18,180 61	13,306 29	4,874 32	.....
Hillsboro & N. E.....	13,696 62	7,858 93	5,837 69	.....
Illinois Central	52,830,426 83	37,895,478 82	14,936,948 01	.....
Iola & Northern.....	6,749 30	7,414 78	.....	665 48
J. R. Davis L. Co. L. R.	.....	.....	.....	.....
Kewaunee, G. B. & W.	127,048 38	83,010 51	44,037 87	.....
La Crosse & S. E.....	67,490 28	46,632 16	20,858 12	.....
Lake Superior T. & T.	37,772 75	151,756 29	.....	113,983 54
Laona & Northern.....	18,534 72	13,731 79	4,802 93	.....
Marathon Co. Ry. Co...	13,111 31	11,406 58	1,704 73	.....
Marquette, T. & W.....	48,031 09	41,911 03	6,120 06	.....
Mineral Point & N.....	73,057 13	58,335 21	14,718 92	.....
M., St. P. & S. Ste. M.	11,014,214 93	7,081,117 29	3,933,097 64	.....
Northern Pacific	68,235,484 17	39,865,033 30	28,370,450 87	.....
N. W. Coal Ry. Co.....	23,276 46	22,043 76	1,232 70	.....
Oshkosh Trans. Co.....	.....	3,853 73	.....	3,853 73
Roddis L. & V. C. L. R.	5,342 97	5,342 97	.....	.....
Robbins Ry. Co.....	29,873 43	27,677 58	2,195 85	.....
Stanley, Merrill & Phil.	123,041 02	99,196 63	23,844 39	.....
Superior & Southeastern	37,483 26	27,486 37	10,001 89	.....
Tomahawk & Eastern...	14,167 65	6,182 73	7,984 92	.....
Whitcomb & Morris....	2,943 76	3,768 85	.....	825 09
Winona Bridge Ry. Co..	.....	.....	.....	.....
Wisconsin Central	7,307,311 35	5,130,643 09	2,176,668 26	.....
Wisconsin & Michigan..	226,429 83	183,264 97	43,164 86	.....
Wisconsin & Northern..	34,759 64	28,264 99	6,494 65	.....
Wis., Ruby & Southern	.....	.....	.....	.....
Mil., Bay View & Chi...	.....	.....	.....	.....
Waupaca-Green Bay ...	5,245 73	4,384 17	861 56	.....
Wisconsin Northwestern	37,768 87	24,122 91	13,645 96	.....
Mattoon Ry. Co.....	35,476 88	27,068 46	8,408 42	.....
Total	\$418,415,187 86	\$275,216,675 75	\$138,531,342 23	\$132,830 12

REPORT OF THE RAILROAD COMMISSION.

757

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.
Income.

Outside operations.				Total net revenue.	Total net deficit.
Revenues.	Expenses.	Net revenue.	Net deficit.		
				\$2,047 17	
				35,632 09	
					\$10,904 33
\$160 41		\$160 41		1,120 93	
				2,068 40	
951,874 33	\$577,918 90	373,955 43		20,143,207 50.	
332,242 93	371,241 53		\$38,998 60	21,539,031 95	
97,302 35	96,848 87	453 48		4,323,677 74	
543,693 14	528,498 22	15,194 92		22,494,948 96	
				1,373,333 68	
				3,280 20	
					521 13
				1,401 21	
				3,078 74	
					2,076 77
65,042 36	46,571 99	18,470 37		734,171 70	
				12,770 33	
				613 02	
903,623 73	574,870 80	333,743 93		18,535,632 43	
				183,643 32	
				6,598 17	
				4,874 32	
				5,837 69	
342,381 82	346,288 72		3,906 90	14,933,041 11	
					665 48
				44,037 87	
				20,858 12	
					113,983 54
				4,802 93	
				1,704 73	
				6,120 06	
				14,718 92	
434,852 20	132,187 80	302,664 40		4,235,762 04	
1,737,607 96	1,146,682 10	640,925 86		29,011,376 73	
				1,232 70	
					3,853 73
				2,195 85	
				23,844 39	
				10,001 89	
				7,984 92	
					825 09
77,922 52	67,725 43	10,197 09		2,186,865 35	
				43,164 83	
				6,494 65	
				861 56	
				13,645 96	
				8,438 42	
\$5,541,703 75	\$3,888,848 26	\$1,695,765 89	\$42,905 50	\$139,934,202 62	\$132,830 12

INCOME ACCOUNT,

Name of Company.	Operating income—continued.			Other
	Taxes accrued.	Operating income.	Operating loss.	Income
Abbotsford & N. E.....	\$967 13	\$1,080 04		
Ahnapee & Western.....	2,199 15	33,432 94		
Ashland, Odanah & M.....	637 50		\$11,541 88	
Bayfield Transfer	367 09	753 84		
Big Falls Ry. Co.....	456 57	1,611 83		
Chi., Mil. & St. P.....	2,304,962 40	17,838,245 10		
Chicago & Northwestern	2,582,822 78	18,956,209 18		
Chi., St. P., M. & O.....	630,745 16	3,692,912 58		
Chi., Burlington & Q...	2,455,988 13	20,088,960 83		\$1,859 30
Chi., Lake Shore & E...	44,820 75	1,328,562 93		
Chi., Harv. & Geneva L.	371 82	2,908 38		
Chi., & Lake Superior...	51 70		572 83	
Chippewa R. & Northern	409 80	991 41		
Chippewa V. & Northern	417 16	2,661 58		
Drummond & S. W.....	758 35		2,835 12	
Dul., S. S. & Atlantic..	186,345 24	547,826 46		
Dul., Sup., & W. T.....				160,000 00
Dunbar & Wausaukee ..	995 92	11,774 41		
Fairchild & N. E.....	1,249 32		636 30	
Great Northern	2,276,074 18	16,259,603 25		30,112 15
Green Bay & Western...	24,686 06	158,957 26		
Haw., Nebag. & Sup....	596 79	6,001 38		
Hazelhurst & S. E.....	489 13	4,385 19		
Hillsboro & N. E.....	173 29	5,664 40		
Illinois Central	2,190,173 02	12,742,868 09		7,420 24
Iola & Northern.....	219 80		885 28	
J. R. Davis L. Co. L. R.				
Kewaunee, G. B. & W...	4,784 96	39,252 91		
La Crosse & S. E.....	3,127 89	17,730 23		
Lake Sup. T. & T.....	3,199 54		117,183 08	
Laona & Northern.....	460 49	4,342 44		
Marathon Co. Ry. Co...	414 45	1,290 28		
Marinette, T. & W.....	2,048 67	4,071 39		888 89
Mineral Point & N.....	3,223 46	11,495 46		
M., St. P. & S. Ste. M.	696,907 70	3,588,854 34		
Northern Pacific	2,717,485 67	26,293,891 06		233,185 47
N. W. Coal Ry. Co.....	1,088 36	144 34		
Oshkosh Trans. Co.....	1,008 40		4,952 13	11,249 75
Roddis L. & V. C. L. R.				
Robbins Ry. Co.....	575 64	1,620 21		
Stanley, Merrill & Phil.	610 35	23,234 04		
Superior & Southeastern	346 40	9,655 49		
Tomahawk & Eastern ..		7,984 92		
Whitcomb & Morris.....	109 50		934 59	
Winona Bridge Ry. Co.	2,971 72		2,971 72	33,001 04
Wisconsin Central	318,379 62	1,868,485 73		
Wisconsin & Michigan..	14,845 60	28,319 26		270 43
Wisconsin & Northern..	4,246 91	2,247 74		
Wis., Ruby & Southern				
Mil., Bay View & Chi.				11,500 00
Waupaca-Green Bay		861 56		
Wisconsin Northwestern	469 03	13,176 93		
Mattoon Ry. Co.....	696 24	7,742 18		
Total	\$16,484,068 84	\$123,509,816 59	\$142,512 93	\$489,487 27

¹ Interest on funded debt owned, and other securities, loans, etc.

² Joint facilities and miscellaneous rents.

WHOLE LINE, 1908—continued.

income.					
Joint facilities.	Equipment loaned.	Interest accrued on bonds owned and other interest.	Dividends declared on stocks owned.	Miscellaneous income—less expenses.	Total other income.
				\$368 19	\$368 19
\$225,826 30		\$994,424 02	\$36,405 75	604,117 13	1,860,773 20
63,825 08		3,150 00	1,903,510 00	928,791 15	2,899,276 23
52,727 56	\$13,241 23	51,909 49	98,724 00	13,155 32	229,757 60
533,619 57		103,202 00	6,570 67	780,830 09	1,426,141 63
955 49	22,898 81			815 22	24,663 52
11,069 64	13,190 16			6,145 42	30,405 22
					160,000 00
294,982 88	384,116 72	2,301,909 41	4,333,809 22	207,608 83	7,572,539 21
	12,708 45	8,750 00		5,670 20	27,128 65
21,159,891 21		2,035,712 20	159,401 00	515,902 63	3,878,327 28
				338 65	338 65
	7,556 72			2,829 06	10,385 78
		750 00			750 00
	2,477 86			58 43	3,425 18
2,079 40	158,130 37	6,882 50	4,144 00	127,509 54	298,745 81
648,165 79	103,491 23	472,510 00	4,740,914 00	2,204,742 95	8,412,009 44
					11,249 75
	1,345 80				1,345 80
					33,001 04
		10,140 28		36,321 68	46,461 96
	10,141 31				10,411 74
					11,500 00
\$2,993,142 92	\$729,298 66	\$5,989,339 90	\$11,312,478 64	\$5,435,264 49	\$26,949,011 88

^a Includes interest on other securities, loans and accounts, \$200,140.23.

INCOME ACCOUNT,

Name of Company.	Gross corporate income.	Gross corporate loss.	Deductions from	
			Rents accrued.	Joint facilities.
Abbotsford & N. E.....	\$1,080 04			
Ahnapee & Western.....	33,801 13			
Ashland, Odanah & M.....		\$11,541 88		
Bayfield Transfer	753 84			
Big Falls Ry. Co.....	1,611 83		\$1,680 00	
Chi., Mil. & St. P.....	19,699,018 30			\$425,776 19
Chicago & N. W.....	21,855,485 41		41,090 70	230,840 02
Chi., St. P., M. & O.....	3,922,670 18		1,095 50	228,485 31
Chi., Burlington & Q.....	21,465,102 46		16,958 66	745,467 49
Chi., Lake Shore & E.....	1,353,232 45		56,000 00	322,057 22
Chi., Harv. & Geneva L. Chi., & Lake Superior..	2,908 38	572 83		
Chippewa R. & Northern	991 41			
Chippewa V. & Northern	2,661 58			
Drummond & S. W.....		2,835 12		
Dul., S. S. & Atlantic..	578,231 68			28,332 22
Dul., Superior & W. T.	100,000 00			
Dunbar & Wausaukee..	11,774 41			
Fairchild & Northeastern		636 30		
Great Northern	23,832,147 46		1,208,497 28	150,588 37
Green Bay & Western..	186,085 91		15,442 16	
Haw., Nebag. & Sup....	6,001 38			
Hazelhurst & S. E.....	4,285 19		1 00	
Hillsboro & N. E.....	5,664 40			
Illinois Central	16,621,195 37		2,437,645 13	526,621 41
Iola & Northern		546 63		
J. R. Davis L. Co. L. R.				
Kewaunee, G. B. & W..	49,638 69			
La Crosse & S. E.....	18,480 23			
Lake Sup. T. & T.....		117,183 08		512 40
Laona & Northern.....	4,342 44			
Marathon Co. Ry. Co...	1,290 28			
Marquette, T. & W.....	7,496 57			
Mineral Point & N.....	11,495 46			1,183 50
M., St. P. & S. Ste. M.	3,837,600 15		90 00	133,026 99
Northern Pacific	34,705,900 50		125,451 86	177,070 27
N. W. Coal Ry. Co.....	144 34			
Oshkosh Trans. Co.....	6,297 62			
Roddis L. & V. Co. L. R.				
Robbins Ry. Co.....	1,620 21			
Stanley, Merrill & Phil.	21,579 84		600 00	
Superior & Southeastern	9,655 49			
Tomahawk & Eastern...	7,984 92		838 89	
Whitcomb & Morris.....		934 59		
Winona Bridge Ry. Co.	30,029 32			
Wisconsin Central.....	1,914,947 69			349,157 15
Wisconsin & Michigan..	38,731 00		6,485 16	
Wisconsin & Northern..	2,247 74			
Wis., Ruby & Southern.				
Mil., Bay View & Chi...	11,500 00			
Waupaca-Green Bay	861 56			
Wisconsin Northwestern	13,176 93			
Mattoon Ry. Co.....	7,742 18			
Total	\$150,450,565 97	\$134,250 43	\$3,906,926 34	\$3,319,118 54

WHOLE LINE, 1908—continued.

gross corporate income.

Equipment borrowed.	Interest accrued on funded debt.	Other interest.	Other deductions.	Total deductions from gross corporate income.
	\$6,720 00			\$6,720 00
\$283 93	21,250 00		\$341 25	21,875 18
	75,000 00	\$11,436 61		86,436 61
	150 00			1,830 00
268,929 65	5,916,760 00			6,611,465 84
183,228 67	7,502,172 00	3,012 46	225,500 00	8,190,843 85
	1,579,047 16	7,842 29	1,145 67	1,817,615 93
356,292 85	7,126,009 33	516,696 78	697,599 67	9,459,024 28
3,113 71	108,416 67	114,271 45	660,000 00	1,263,859 05
	6,250 01	1,369 36		7,619 37
	3,667 50			3,667 50
	3,000 00			3,000 00
	859,700 00	978 79	213 48	889,224 40
	20,000 00			20,000 00
	7,950,385 08	2,088,427 17	155,861 59	11,493,759 49
	65,000 00			80,442 16
				1 00
36,846 89	4,569,490 00	1,053,240 06	2,261 62	8,626,105 11
	20,400 00	621 87		21,021 87
	37,500 00	1,000 00		38,500 00
3,844 88	11,700 00			16,057 28
		4,207 51		4,207 51
		1,098 89		1,098 89
2,413 59	22,500 00	1,547 47		27,644 56
	2,234,190 00			2,367,306 99
	11,403,427 50	3,106,882 75		14,812,832 38
	11,000 00			11,000 00
		2,346 10		2,346 10
	25,000 00	1,452 50		27,052 50
				888 89
	19,200 00			19,200 00
111,943 39	1,096,748 34	6,089 38		1,563,982 26
	105,550 00	7,802 37		119,837 53
	330 00			330 00
		229 26	711 00	940 26
		3,000 00		3,000 00
\$971,897 06	\$50,800,563 59	\$6,833,553 07	\$1,743,624 28	\$67,625,692 88

INCOME ACCOUNT, WHOLE

Name of Company	Net corporate income.	Net corporate loss.
Abbosford & Northeastern.....		\$5,639 96
Ahnapee & Western	\$11,925 95	
Ashland, Odanah & Marengo.....		11,541 83
Bayfield Transfer		85,682 77
Big Falls Railway Co.....		218 17
Chicago, Milwaukee & St. Paul.....	13,087,552 46	
Chicago & Northwestern	13,664,641 56	
Chicago, St. Paul, Minneapolis & Omaha.....	2,105,054 25	
Chicago, Burlington & Quincy.....	12,006,078 18	
Chicago, Lake Shore & Eastern.....	89,373 40	
Chicago, Harvard & Geneva Lake.....		4,710 99
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern.....		5,835 12
Duluth, South Shore & Atlantic.....		310,992 81
Duluth, Superior & Western Terminal.....	140,000 00	
Dunbar & Wausaukee	11,774 41	
Fairchild & Northeastern.....		636 30
Great Northern	12,333,387 97	
Green Bay & Western.....	105,643 75	
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern.....	4,384 19	
Hillsboro & Northeastern.....	5,664 40	
Illinois Central	7,995,090 26	
Iola & Northern		546 63
J. R. Davis Lumber Co., Logging Ry.....		
Kewaunee, Green Bay & Western.....	28,616 82	
La Crosse & Southeastern.....		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern.....	134 93	
Marathon County Ry. Co.....	191 39	
Marinette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		16,149 10
Minneapolis, St. Paul & Sault Ste. M.....	1,470,293 16	
Northern Pacific	19,893,068 12	
Northwestern Coal Railway Co.....		10,855 66
Oshkosh Transportation Co.....	6,297 62	
Roddis Lumber & Veneer Co., Logging Ry.....		725 89
Robbins Ry. Co.....		
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern.....	9,655 49	
Tomahawk & Eastern.....	7,096 03	
Whitcomb & Morris		934 50
Winona Bridge Ry. Co.....	10,829 32	
Wisconsin Central	351,009 43	
Wisconsin & Michigan		81,106 53
Wisconsin & Northern.....	2,247 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	11,500 00	
Waupaca-Green Bay	531 56	
Wisconsin Northwestern	12,236 67	
Mattoon Ry. Co.....	4,742 18	
Total	\$33,333,510 60	\$692,887 94

¹ Fund for permanent improvements and renewals.

LINE, 1908—Continued.

Disposition of Corporate Income.

Dividends declared		Additions and betterments charged to income.	Appropriations to reserves.	Miscellaneous.	Total.
On preferred stock.	On common stock.				
3,490,543 00	5,817,497 00				9,308,040 00
1,791,600 00	6,972,672 00			25,950 00	8,790,222 00
797,976 00	1,288,934 00				2,086,910 00
	8,867,128 00	3,186,414 61			12,053,542 61
		6,127 22	30,000 00	73,279 26	114,406 48
	140,000 00				140,000 00
10,471,819 75				12,463,832 06	12,940,651 81
	125,000 00				125,000 00
	5,000 00				5,000 00
	6,651,491 00				6,651,491 00
				134 93	134 93
				191 39	191 39
488,743 50	693,015 00	350,000 00			1,531,758 50
	10,850,000 00		2,784,950 28		13,634,950 28
	6,918 88				6,918 88
	25,750 00				5,750 00
\$17,030,682 25	\$41,433,405 83	\$3,542,541 83	\$2,814,950 28	\$2,573,387 73	\$67,394,967 97

² Common and preferred.

INCOME ACCOUNT, WHOLE

Name of Company.	Surplus from operations for year ending June 30, 1908.	Deficit from operations for year ending June 30, 1908.
Abbotsford & Northeastern.....		\$5,630 96
Ahnapee & Western.....	\$11,925 95	
Ashland, Odanah & Marengo.....		11,541 83
Bayfield Transfer.....		85,682 77
Big Falls Ry. Co.....		218 17
Chicago, Milwaukee & St. Paul.....	3,779,512 46	
Chicago & Northwestern.....	4,874,419 47	
Chicago, St. Paul, Minneapolis & Omaha.....	18,144 25	
Chicago, Burlington & Quincy.....		47,464 43
Chicago, Lake Shore & Eastern.....		25,033 08
Chicago, Harvard & Geneva Lake.....		4,710 90
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern.....		5,835 12
Duluth, South Shore & Atlantic.....		310,992 81
Duluth, Superior & Western Terminal.....		
Dunbar & Wausaukee.....	11,774 41	
Fairchild & Northeastern.....		636 30
Great Northern.....		607,233 81
Green Bay & Western.....		19,356 25
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern.....		615 81
Hillsboro & Northeastern.....	5,664 40	
Illinois Central.....	1,343,599 26	
Iola & Northern.....		546 63
J. R. Davis Lumber Co., Logging Ry.....		
Kewaunee, Green Bay & Western.....	28,616 82	
La Crosse & Southeastern.....		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern.....		
Marathon County Ry. Co.....		
Marquette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		16,149 10
Minneapolis, St. Paul & Sault Ste. Marie.....		61,465 31
Northern Pacific.....	6,258,117 81	
Northwestern Coal Ry. Co.....		10,855 66
Oshkosh Transportation Co.....		621 26
Roddis Lumber & Veneer Co., Logging Ry.....		
Robbins Ry. Co.....		725 89
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern.....	9,655 49	
Tomahawk & Eastern.....	7,096 03	
Whitecomb & Morris.....		934 50
Winona Bridge Ry. Co.....	10,829 32	
Wisconsin Central.....	351,009 43	
Wisconsin & Michigan.....		81,106 53
Wisconsin & Northern.....	2,247 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	5,750 00	
Waupaca-Green Bay.....	531 56	
Wisconsin Northwestern.....	12,236 67	
Mattoon Ry. Co.....	4,742 18	
Total.....	\$16,750,362 64	\$1,454,707 95

¹ Other property, land grants, profit.

² Depreciation accrued prior to July 1, 1907, on equipment destroyed during the year ended June 30, 1908.

LINE, 1909—concluded.

Surplus on June 30, 1907.	Deficit on June 30, 1907	Additions for year	Deductions for year.	Surplus on June 30, 1908.	Deficit on June 30, 1908
\$6,852 88				\$1,212 92	
15,368 15				27,294 10	
11,203 05					\$335 83
436 61	\$724,410 37			218 44	810,033 14
38,832,461 01				42,641,913 47	
21,787,203 46			\$29,173 20	26,632,454 73	
3,856,210 83					
47,023,298 87			7,729,063 46	39,246,770 93	
70,480 55				45,447 47	
	20,794 91	145,944 68	222,033 30	3,668,266 49	25,705 10
9,815 64				8,809 72	
	19,795 23				25,630 35
	2,672,292 27		45,668 37		3,023,933 45
34,195 44			4,010 22	30,185 22	
23,766,719 46		4,023,635 90		27,183,091 52	
191,771 63				172,415 23	
9,315 81				8,700 00	
5,321,144 54			1,212,041 65	5,652,702 15	
9,115 62				8,563 19	
65,130 19				93,747 01	
1,502 18					18,517 59
25,842 77			996 92		17,349 28
9,183,096 26	61,890 78	530,575 95		6,632,206 97	73,639 88
44,505,707 03		5,733 10	243,198 44	50,611,364 53	
2,361 18	58,122 07			1,739 92	68,977 73
11,417 79				8,945 13	
				7,036 03	
26,057 57				36,886 80	
1,852,377 08		153,474 85	97,921 20	2,253,940 16	
	1,382 43				82,488 16
	3,604 36				1,356 62
				5,750 00	
12,741 13				24,977 80	
(3)	(3)	(3)	(3)	(3)	(3)

³ Totals omitted on account of incomplete reports.

OPERATING REVENUES,

Actual Earnings of Roads Operating in Wisconsin as Reported

Revenue from

Name of Company.	Freight revenue.	Passenger revenue.	Excess baggage revenue.	Parlor and chair car revenue.	Mail revenue.
Abbotsford & N. E.....	\$26,271 25	\$3,641 05	\$1 30	.....	\$639 50
Ahnapee & Western.....	39,400 30	32,303 06	721 68	.....	3,059 84
Ashland, Odanah & M.....	45,579 58	176 25	.....	.....	.....
Bayfield Transfer.....	18,091 20	1,033 90	.....	.....	.....
Big Falls Ry. Co.....	8,485 02	374 40	.....	.....	296 67
C. M. & St. Paul.....	11,732,816 64	3,552,348 49	54,604 50	.....	632,772 86
C. & N. W.....	10,850,014 59	4,069,659 75	55,802 47	\$30,020 85	383,473 14
C. St. P., M. & O.....	3,961,204 82	1,682,656 99	27,915 45	10,917 85	94,678 87
Chicago, B. & Q.....	2,587,952 45	648,157 29	11,626 99	293 18	39,779 50
Chicago, L. S. & E.....	19,833 27	.....	.....	.....	.....
Chicago, H. & G. L.....	7,370 65	6,419 16	53	.....	213 98
Chicago & L. S.....	2,833 51	2,331 60	39 40	.....	.....
Chippewa R. & N.....	9,758 85	85 25	.....	.....	.....
Chippewa V. & N.....	16,931 59	.....	.....	.....	.....
Drummond & S. W.....	13,632 20	.....	.....	.....	.....
Duluth, S. S. & A.....	199,883 91	126,306 45	871 35	.....	9,445 06
Dunbar & Wausaukee.....	31,424 03	174 52	.....	.....	.....
Fairchild & N. E.....	11,712 32	5,188 57	101 95	.....	1,404 05
Great Northern.....	1,122,903 66	103,219 01	1,276 61	.....	4,575 45
Green Bay & W.....	399,233 37	153,551 59	2,743 49	.....	16,904 28
Hawthorne, N. & S.....	9,226 81	5 75	.....	.....	.....
Hazlhurst & S. E.....	18,003 11	22 70	.....	.....	.....
Hillsboro & N. E.....	9,004 11	3,693 59	140 93	.....	221 48
Illinois Central.....	62,308 41	52,810 98	744 14	.....	6,860 73
Iola & Northern.....	4,614 66	1,831 31	27 80	.....	222 28
J. R. Davis L. Co L Ry.....	.....	.....	.....	.....	.....
Kewaunee, G. B. & W.....	85,069 43	30,845 39	653 37	.....	3,523 96
La Crosse & S. E.....	25,597 31	37,887 55	.....	.....	1,247 39
Lake Superior T. & T.....	.....	315 90	.....	.....	.....
Laona & Northern.....	18,218 82	.....	.....	.....	.....
Marathon Co. Ry. Co.....	13,107 91	3 40	.....	.....	.....
Marinette, T. & W.....	41,416 47	5,345 99	168 17	.....	1,045 46
Mineral Point & N.....	61,119 61	8,351 29	217 72	.....	1,180 50
M., St. P. & S. S. M.....	1,208,679 52	309,034 39	3,831 51	.....	45,996 69
Northern Pacific.....	354,175 41	176,037 32	2,376 62	.....	6,326 15
N. W. Coal Ry. Co.....	.....	.....	.....	.....	.....
Roddi L. & V. Co. L Ry.....	5,342 97	.....	.....	.....	.....
Robbins Ry. Co.....	29,873 43	.....	.....	.....	.....
Stanley, M. & P.....	114,409 24	7,181 40	1 09	.....	.....
Superior & S. E.....	37,488 26	.....	.....	.....	.....
Tomahawk & E.....	12,481 87	1,443 14	18 64	.....	66 50
Whitcomb & Morris.....	2,943 70	.....	.....	.....	.....
Winona Bridge Ry. Co.....	.....	.....	.....	.....	.....
Wisconsin Central.....	4,410,751 46	1,287,308 57	14,441 35	.....	103,521 13
Wisconsin & Michigan.....	138,515 56	21,437 46	277 89	.....	2,133 36
Wisconsin & Northern.....	19,715 95	14,091 38	38 45	.....	338 18
Wisconsin, Ruby & S.....	.....	.....	.....	.....	.....
Waupaca—G. B.....	2,845 63	2,347 17	43 02	.....	.....
Wisconsin N. W.....	36,424 47	1,344 40	.....	.....	.....
Mattoon Ry. Co.....	31,674 57	2,903 80	48 70	.....	433 77
Total.....	\$37,956,398 21	\$12,351,923 21	\$178,785 04	\$41,231 88	\$1,300,425 59

*Proportional,

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908.

to the Railroad Commission for the Year Ending June 30, 1908.

Transportation.

Express revenue.	Milk revenue on passenger trains.	Other passenger train revenue.	Switching revenue.	Special service train revenue.	Miscellaneous transportation revenue.	Total.
\$210 98						\$30,764 8
3,369 50			\$8 00			78,862 38
						45,755 83
						19,181 10
						9,156 09
384,820 18	\$81,014 56	\$1,282 95	\$211,437 50	\$3,787 06	\$3,227 69	\$16,658,112 43
372,629 85	215,038 05	7,490 80	220,393 79	14,864 38	11,639 17	16,240,026 84
161,563 34	6,436 30	1,374 18	30,295 76	6,205 72	2,708 48	5,993,957 76
82,978 20	3,224 93	27 19	9,439 63	250 25	1,114 93	3,384,844 54
			44,133 50			63,969 77
403 54	29 14	6 58			109 25	14,552 83
155 58	382 51					5,742 59
					905 22	10,749 32
						16,931 59
						13,632 20
3,711 41			2,900 59	322 26	109 17	343,550 20
						31,598 55
120 32			60 00			18,587 21
5,427 95			26,413 54	271 10		1,264,087 32
6,310 06		51 80	19,931 75			598,726 34
		214 00				9,446 56
104 75						18,180 61
635 75						13,686 62
7,775 93	162 87	60 14	787 00		303 00	131,812 73
58 85						6,724 30
2,160 75			3,927 25			126,180 15
1,200 00			31,898 61		1,558 04	67,490 28
						31,898 61
						18,534 72
						13,111 31
37 50						48,013 59
1,200 00			81 00			72,150 12
			2101 01	1,028 62	367 20	1,658,887 03
19,837 82		116 49	12,470 91	91 85	24 96	571,457 53
			23,276 46			23,276 46
						5,342 97
						29,873 43
24 31			1,200 34	77 83		122,894 12
						37,488 26
157 50						14,167 65
						2,443 76
147,627 33	3,072 56		28,987 68	1,500 00	25 00	5,997,240 09
360 44					36 90	162,851 61
			464 95			34,648 89
9 86						5,245 73
400 35						37,768 87
						35,461 19
\$1,203,292 05	\$309,360 92	\$10,624 13	\$677,007 25	\$28,399 07	\$22,129 01	\$54,139,576 16

^aCredit.

OPERATING REVENUES—

Revenue from Operation

Name of Company.	Station and train privileges.	Parcel-room receipts.	Storage, freight.	Storage, baggage.
Abbotsford & N. E.....				
Ahame & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
C., M. & St. P.....	\$9,428 08	\$12 20	\$913 77	\$2,362 60
C. & N. W. ¹	8,589 11	225 20	4,548 59	1,858 84
C., St. P., M. & O.....	3,072 76		1,514 03	162 00
Chicago, B. & Q.....			71 05	160 05
Chicago, L. S. & E.....				
Chicago, H. & G. L.....	17 16			
Chicago & L. S.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & A.....	100 31		3 06	15 33
Dunbar & Wausaukee.....				
Fairchild & N. E.....			866 28	8 00
Great Northern.....	187 48			
Green Bay & Western.....	238 34			
Hawthorne, Neb. & Sup.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				22 05
Illinois Central.....	186 53	13 40	05	
Iola & Northern.....				
J. R. Davis L. Co. L. Ry.....				
Kewaunee, G. B. & W.....				
La Crosse & S. E.....				304 40
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				
Mineral Point & N.....			213 31	27 05
M., St. P. & S. S. M.....	1,261 25		276 94	31 20
Northern Pacific.....				
N. W. Coal Ry.....				
Roddis L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....				
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry. Co.....			57 30	
Wisconsin Central.....	1,410 03			
Wisconsin & Michigan.....	45 94			
Wisconsin & Northern.....				
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total.....	\$24,536 99	\$250 80	\$8,237 73	\$4,939 51

¹ Proportional.² Credit.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Concluded.

Other than Transportation.						
Car service.	Telegraph and telephone service.	Rents of buildings and other property.	Miscellaneous.	Total.	Total operating revenues.	Mileage upon which based.
\$95 00	\$41 81		\$552 12	\$688 93	\$31,453 01	15.16
312 00				312 00	79,174 38	34.00
					45,755 83	30.00
					19,181 10	15.81
					9,156 09	21.00
94,662 40	6,056 47	\$46,760 57	4,040 18	164,236 27	16,822,348 70	1,783.10
45,415 29		16,161 04	34,454 02	111,269 09	16,351,295 93	1,973.67
3,324 50		6,394 84	7,251 95	21,630 08	6,015,587 84	757.90
4,386 00	1,929 62	1,157 08	1,354 36	9,058 16	3,393,902 70	223.10
10,382 00				10,382 00	74,351 77	19.42
	11 22			28 38	44,581 21	6.00
	14 47			14 47	5,757 06	3.24
					10,749 32	18.00
					16,931 59	19.32
					13,632 20	8.18
112 78	15 47	466 17	193 91	907 03	344,457 23	115.79
13 00			86	13 86	31,598 55	13.50
1,616 79	82 34	508 18	5,467 41	8,737 47	18,601 07	38.00
2,274 50			189 86	2,702 70	1,272,824 79	38.07
					601,429 04	225.00
					9,446 56	7.35
					18,180 61	11.00
					13,696 62	5.00
461 00			30 64	713 67	132,526 40	91.31
25 00				25 00	6,749 30	4.70
	394 00		474 23	868 23	127,048 38	36.70
					67,490 28	40.81
262 25		5,307 49		5,874 14	37,772 75	21.05
					18,534 72	16.00
			17 50	17 50	13,111 31	20.25
680 00	99 61		127 40	907 01	48,031 09	25.60
6,269 50	4,356 43	436 94	83 64	12,421 47	73,057 13	30.60
1,749 52	1,639 91	1,828 14	2,775 27	8,500 98	1,671,308 50	353.01
					579,758 51	134.77
					23,276 46	8.00
					5,342 97	12.50
	146 90			146 90	29,873 43	28.00
					123,041 02	48.97
					37,488 26	28.30
					14,167 65	20.77
					2,943 76	6.00
1,149 21		3,391 56	5 00	15,943 10	6,013,183 19	886.99
600 50		485 53	2,948 47	4,089 44	166,941 05	75.95
12 00	93 75			110 75	34,759 64	43.37
					5,245 73	9.85
					37,768 87	44.00
	15 69			15 69	35,476 88	29.36
\$183,812 21	\$14,912 09	\$82,737 54	\$59,966 82	\$379,414 32	\$54,518,990 48	7,398.52

OPERATING REVENUES,
Actual Earnings of Roads Operating in Wisconsin as Reported
Revenue from

Name of company.	Freight revenue.	Passenger revenue.	Excess baggage revenue.	Parlor and chair car revenue.	Mail revenue.
Abbotsford & N. E.....	\$26,271 25	\$3,641 05	\$1 3.	.....	\$639 50
Ahnapee & Western.....	39,400 30	32,303 06	721 08	.....	3,059 81
Ashland, Odanah & M.....	45,579 58	176 25	.....	.....	.....
Bayfield Transfer.....	18,004 20	1,083 90	.....	.....	.....
Big Falls R'y Co.....	8,485 02	374 40	.....	.....	25 97
C. M. & St. Paul.....	40,426,879 04	11,883,394 65	195,735 23	.....	1,709,204 96
Chicago & N. W.....	41,949,629 54	15,734,007 31	215,750 24	3116,070 22	1,482,629 91
C. St. P., M. & O.....	8,294,691 33	3,690,483 63	62,460 05	21,143 11	278,307 72
Chicago, B. & Q.....	52,568,751 78	18,637,278 96	289,647 39	4,173 82	2,311,816 51
Chicago, L. S. & E.....	3,915,439 78	.....	.....	.....	.....
Chicago, H. & G. L.....	14,741 30	12,838 31	1 05	.....	427 96
Chicago & L. Sup.....	2,833 50	2,331 60	39 49	.....	.....
Chippewa R. & N.....	9,758 85	85 25	.....	.....	.....
Chippewa V. & N.....	16,931 59	.....	.....	.....	.....
Drummond & S. W.....	13,632 20	.....	.....	.....	.....
Duluth, S. S. & A.....	1,783,169 83	969,125 94	12,066 91	2,006 80	60,604 01
Dunbar & Wausaukee.....	31,424 05	174 52	.....	.....	.....
Fairchild & N. E.....	11,712 32	5,188 57	101 91	.....	1,404 05
Great Northern.....	40,046,393 85	11,159,222 34	136,992 11	.....	1,581,244 54
Green Bay & Western.....	399,233 37	153,551 59	2,743 49	.....	16,304 28
Hawthorne, N. & S.....	9,226 81	5 75	.....	.....	.....
Hazelhurst & S. E.....	18,053 16	22 70	.....	.....	.....
Hillsboro & N. E.....	9,004 87	3,603 59	140 93	.....	1,148 38
Illinois Central.....	35,357,810 92	10,991,798 35	159,148 36	9,483 82	936,094 80
Iola & Northern.....	4,614 06	1,801 31	27 80	.....	222 28
J. R. Davis L. Co., L. R.....	.....	.....	.....	.....	.....
Kewaunee, G. B. & W.....	85,069 43	30,845 39	653 37	.....	3,523 16
La Crosse & S. E.....	25,597 30	37,887 55	.....	.....	1,247 39
Lake Superior T. & T.....	.....	.....	.....	.....	.....
Laona & Northern.....	18,218 82	315 90	.....	.....	.....
Marathon Co. R'y Co.....	13,107 91	3 40	.....	.....	.....
Marinette, T. & W.....	41,416 47	5,345 99	168 17	.....	1,015 46
Mineral Point & N.....	61,119 61	8,351 29	217 72	.....	1,180 50
M., St. P. & S. S. M.....	7,828,851 60	2,681,221 84	33,659 88	.....	317,504 13
Northern Pacific.....	46,423,836 33	18,133,238 52	234,342 88	.....	955,320 42
N. W. Coal R'y.....	.....	.....	.....	.....	.....
Roddiss L. & V. Co., L. R.....	5,312 97	.....	.....	.....	.....
Robbins R'y Co.....	29,873 43	.....	.....	.....	.....
Stanley, Merrill & P.....	114,409 24	7,181 40	1 00	.....	.....
Superior & S. E.....	37,488 26	.....	.....	.....	.....
Tomahawk & Eastern.....	12,481 87	1,443 14	18 64	.....	66 50
Whitcomb & Morris.....	2,943 76	.....	.....	.....	.....
Winona Bridge R'y Co.....	.....	.....	.....	.....	.....
Wisconsin Central.....	5,323,931 33	1,538,310 55	17,163 88	.....	122,949 84
Wisconsin & Michigan.....	181,223 00	36,449 98	277 89	.....	3,736 80
Wisconsin & Northern.....	19,715 93	14,091 38	38 45	.....	338 18
Wisconsin, Ruby & S.....	.....	.....	.....	.....	.....
Waupaca-Green Bay.....	2,845 68	2,347 17	43 02	.....	.....
Wisconsin N. W.....	36,424 47	1,344 40	.....	.....	.....
Watson R'y Co.....	31,674 57	2,903 80	48 70	.....	433 77
Total.....	\$285,317,335 06	\$95,784,467 76	\$1,362,151 47	\$153,380 77	\$9,621,425 76

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

to the Railroad Commission for the Year Ending June 30, 1908.
Transportation.

Express revenue.	Milk revenue (on passenger trains.)	Other passenger train revenue.	Switching revenue.	Special service train revenue.	Miscellaneous transportation revenue.	Total.
\$210 98						\$30,764 08
3,369 50			\$8 00			78,862 38
						45,755 83
						19,181 10
						9,156 09
1,268,944 75	\$471,988 75	\$4,211 81	544,537 19	\$12,588 38	\$15,580 51	56,524,065 88
1,440,706 27	831,405 95	28,951 83	886,909 81	57,470 43	45,000 75	67,789,142 26
310,138 60	24,791 45	2,241 13	104,654 81	10,272 58	5,233 75	12,803,398 18
1,909,282 06	284,361 57	6,869 74	983,288 44	35,894 23	54,723 35	77,089,591 06
			333,861 45			4,249,501 23
807 08	58 28	13 16			218 50	29,105 64
155 58	382 51					5,742 59
					905 22	10,749 32
						16,931 59
						13,632 20
43,093 58		12,361 67	13,659 07	1,905 14	1,891 37	2,899,887 36
120 32			60 00			31,598 55
768,693 71		961 09	312,028 10	18,665 97	32,763 85	18,567 21
6,510 06		51 89	19,931 73			53,856,815 62
						598,726 34
		214 00				9,446 56
104 75						18,180 61
635 75						13,086 62
1,254,995 52	166,002 76	17,409 98	403,578 87	76,413 90	3,090,442 96	52,463,180 24
58 85						6,724 30
2,169 75			3,927 25			126,180 15
1,200 00					1,558 04	67,490 28
			31,898 61			31,898 61
						18,534 72
37 59						13,111 31
1,200 00			81 00			48,013 59
			5,136 10	3,690 75	2,278 73	72,150 12
1,280,619 43		22,063 91	459,007 51	27,828 13	104,532 53	10,872,343 03
						67,681,339 66
			23,276 46			23,276 46
						5,342 07
24 31			1,200 34	77 83		29,873 43
						122,894 12
						37,488 26
157 50						14,167 65
						2,043 76
178,531 51	52,690 26		34,742 26	1,500 00	5,966 77	7,275,786 43
615 82					36 90	222,340 39
			464 95			34,618 89
9 86						5,245 73
400 35						37,768 87
						35,461 19
\$3,472,491 42	\$1,831,631 53	\$95,363 12	\$4,161,811 97	\$246,287 37	\$3,361,133 23	\$410,407,572 46

OPERATING REVENUES.

Name of Company.	Revenue from operation			
	Station and train privileges.	Parcel-room receipts.	Storage—freight.	Storage—baggage.
Abbotsford & N. E.				
Ahnapee & Western				
Ashland, Odanah & M. Bayfield Transfer.				
Big Falls Ry. Co.				
C. M. & St. P.	\$31,311 03	\$544 10	\$17,574 89	\$6,313 15
C. & N. W.	53,208 23	870 70	17,383 32	7,252 60
C. St. P., M. & O.	7,214 08	303 16	7,056 86	939 17
Chicago, B. & Q.	4,584 82	4,735 45	50,556 23	17,483 21
Chicago, L. S. & E.				
Chicago, H. & G. L.	34 32			
Chicago & L. Superior.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & A.	1,199 83		54 55	332 09
Dunbar & Wausaukee.				
Fairchild & N. E.				
Great Northern.	20,779 64	11,946 15	11,737 17	22,655 57
Green Bay & Western.	238 34			
Hawthorne, Neb. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central.	56,280 14	9,906 47	36,762 60	7,761 24
Iola & Northern.				
J. R. Davis L. Co. L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & S. E.				304 40
Lake Superior T. & T.				
Laona & Northern.				
Marathon Co. Ry. Co.				
Marinette, T. & W.				
Mineral Point & N.				
M. St. P. & S. S. M.	11,441 04	35 80	1,724 38	1,219 41
Northern Pacific.	528 23		38,828 30	31,845 18
W. & Coal Ry.				
Roddis L. & V. Co. L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.				
Superior & S. E.				
Tomahawk & Eastern.				
Whitcomb & Morris.				
Winona Bridge Ry. Co.				
Wisconsin Central.	1,884 75	212 10	85 80	1,194 17
Wisconsin & Michigan.	45 94			
Wisconsin & Northern.				
Wisconsin, Ruby & S.				
Waupaca-Green Bay.				
Wisconsin Northwestern.				
Mattoon Ry. Co.				
Total	\$134,710 33	\$28,553 43	\$178,963 10	\$47,280 79

WHOLE LINE. 1908—Concluded.

Other than transportation.					Total operating revenues, whole line.	Mileage upon which based.
Car service.	Telegraph and telephone service.	Rents of buildings and other property.	Miscellaneous.	Total.		
\$ 5 00				\$688 93	\$ 1,453 01	15.16
312 00	\$41 81		\$552 12	512 00	79,174 38	34.00
					45,755 83	30.00
					19,181 10	15.86
					9,156 09	21.00
182,322 29	22,100 93	\$134,494 47	16,833 80	408,554 67	56,992,620 50	7516.33
175,590 05		62,483 75	135,210 28	430,201 94	65,219,344 19	7630.84
94,012 00		11,403 55	12,353 33	62,295 75	12,865,693 93	1725.22
297,761 57	185,417 10	100,929 81	90,102 27	661,570 46	77,748,161 52	9023.65
93,639 83		5 00	14 75	93,659 53	4,348,960 72	573.63
	22 45			56 77	29,162 41	11.61
	14 47			14 47	5,757 06	3.24
					10,749 32	18.00
					16,931 59	19.32
					13,632 20	8.18
3,689 07	449 95	10,814 10	5,489 07	22,028 66	2,971,916 02	594.86
					31,598 55	13.50
13 01			80	13 86	18,601 07	38.00
61,430 19	6,553 66	21,313 36	53,327 38	212,723 12	54,069,538 74	6514.56
2,274 50			189 86	2,702 70	601,429 04	225.00
					9,446 56	7.35
					18,180 61	11.00
					13,686 62	5.00
168,342 95		37,715 18	50,498 01	307,246 59	52,830,426 83	4420.46
25 60				25 00	6,749 30	4.70
	394 00		474 23	868 23	127,048 38	36.70
					67,490 28	40.81
292 25		5,307 49		5,874 14	37,772 75	21.05
					18,534 72	16.00
					13,111 31	20.25
					48,031 09	25.60
680 00	99 61		17 50	907 01	73,057 13	8.00
27,334 53	56,482 98	37,915 90	5,687 83	141,871 90	11,014,214 93	2503.91
151,099 36	79,419 62	124,765 25	127,698 57	554,094 51	68,235,484 17	5633.33
					23,276 46	8.00
					5,342 97	12.50
					29,873 43	28.00
	146 90			146 90	123,041 02	48.97
					37,488 26	28.30
					14,167 65	20.77
					2,943 76	6.00
21,201 74		3,733 36	25 00	31,524 92	7,307,311 35	1022.74
603 50		85 53	2,948 47	4,089 44	226,429 83	133.96
	98 75			110 75	34,759 64	43.37
					5,245 73	9.85
					37,768 87	44.00
	15 69			15 69	35,476 88	29.36
\$1,131,926 73	\$31,257 95	\$51,363 75	\$499,533 73	\$1,907,615 40	\$12,415,187 86	48,027.94

OPERATING EXPENSES,

Of Roads Operating in Wisconsin as Reported to the
Maintenance of Way

Name of Company.	Superintendence.	Ballast.	Ties.	Rails.
Abbotsford & Northeastern			\$2,289 43	\$6,636 94
Ahnapee & Western.....	\$17 85	\$1,586 07	1,565 42	1,653 94
Ashland, Odanah & Marengo				527 85
Bayfield Transfer.....			2,869 42	
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul. ¹	56,998 42	15,664 91	545,898 74	46,171 07
Chicago & Northwestern.....	92,066 81	26,909 23	289,995 47	100,069 08
Chi., St. P., Minneapolis & O. ²				
Chicago, Burlington & Northern				
Chicago, Lake Shore & Eastern.....			4,547 36	259 53
Chi., Harvard & Geneva Lake.....	181 00	233 08	819 93	
Chicago & Lake Superior.....		73 20	136 00	
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....			465 64	
Duluth, South Shore & Atlantic.....	2,708 98	1,528 49	12,185 58	3,307 52
Dunbar & Wausau.....				1,095 00
Fairchild & Northeastern.....	300 00			
Great Northern.....	10,478 57	2,592 50	17,646 73	3,961 41
Green Bay & Western.....	780 00	145 00	30,500 00	12,000 00
Hawthorne, Nebagamon & Sup'r.				
Hazelhurst & Southeastern.....			518 73	
Hillsboro & Northeastern.....				
Illinois Central.....	5,470 53	43 93	5,922 56	
Iola & Northern.....			1,030 11	
J. R. Davis Lumber Co., Log'g Ry				
Kewanee, Green Bay & W.....	317 85		5,500 00	6,000 00
La Crosse & Southeastern.....	42 50		522 70	35
L. Superior Terminal & Transfer	885 29	471 31	2,484 03	3,702 35
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western	474 43		842 13	762 20
Mineral Point & Northern.....	736 78	825 18		
Minneapolis, St. P. & S. Ste. Marie	6,347 32		38,492 27	
Northern Pacific.....	8,665 65	101 95	36,891 29	17,574 69
Northwestern Coal R'y Co.....	300 00		1,724 18	
Oshkosh Transportation Co.....	780 00		461 16	
Roddis L. & V. Co. L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1,210 65	2,736 05	4,831 76	* 12 00
Superior & Southeastern.....	1,200 00		4,600 00	
Tomahawk & Eastern.....	140 57			
Wincomb & Morris.....			360 00	
Winona Bridge R'y Co.....	258 20			
Wisconsin Central.....	29,852 98	210 60	87,993 58	24,800 68
Wisconsin & Michigan.....	1,402 90	39 91	846 43	
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....			1,358 03	
Total.....	\$221,487 28	\$53,161 41	\$804,238 18	\$227,911 61

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1903.

Rail road Commission for the Year Ending June 30, 1903.
and Structures.

Other track material.	Roadway and track.	Removal of snow, sand and ice.	Tunnels.	Bridges, trestles and culverts.	Over and under grade crossings.
\$1,147 73	\$5,000 38			\$3,441 44	
684 91	6,340 32	\$300 00		3,379 50	
	9,581 17				
		3,175 29			
69,179 01	555,392 94	65,883 57		176,316 81	\$2,228 09
113,909 78	904,075 75	48,714 26	\$733 66	189,481 72	5,989 61
854 44	4,191 29			243 08	
75 14		133 87		103 97	
	826 45			40 10	
	6,423 40			4 19	
7,437 89	46,085 69	4,662 19		2,973 11	51
		5,025 00			
	4,636 32			1,230 00	
17,191 72	85,261 14	1,996 55		6,776 62	5,545 58
713 74	47,782 73	1,588 92		4,999 65	
	115 57				
11 19	737 50	51 30			
	2,154 58				
1,185 63	18,566 88	1,184 86	749 81	9,437 17	10 56
11 20	391 70				
852 78	8,963 59	300 00		1,271 64	
33 10	8,819 21	6 25		12 44	
3,264 14	7,604 55	438 42		2 25	
		1,904 44			
429 14	5,097 03			610 24	
103 50	5,007 10	77 63		349 59	
6,817 41	101,998 31	2,582 72		75,273 63	
14,007 77	53,590 86	1,790 62		43,178 34	65 93
77 32	2,714 34				
22 44	1,100 3	89 55			
68 43	13,472 54			737 46	
	2,613 71				
1,581 00					
46,149 48	245,956 17	11,777 23		855 77	1,492 73
				62,029 49	
187 80	12,644 90	237 15		251 88	
12 30	3,141 07				
	796 63				
454 65	4,349 98				
\$278,616 69	\$2,175,395 61	\$151,919 82	\$1,483 47	\$583,100 09	\$15,333 01

³ Credit.

OPERATING EXPENSES.

Maintenance of Way

Name of Company.	Grade crossings, fences, cattle guards and signs.	Snow and sand, fences and snowsheds.	Signal and interlocking plants.	Telegraph and telephone lines.
Abbotsford & Northeastern.....	\$103 17	\$1 65	.....	\$7 42
Alnapee & Western.....	536 39	.....	.....	.....
Ashland, Odaman & Marengo.....	.....	.....	.....	.....
Bayfield Transfer.....	.....	.....	\$77 48	.....
Big Falls R'y Co.....	.....	.....	.....	.....
Chicago, Milwaukee & St. Paul ¹ ..	41,613 24	3,670 15	22,901 16	15,860 58
Chicago & Northwestern.....	39,692 01	1,920 05	38,380 84	10,150 10
Chicago, St. Paul, M. & O. ².....	.....	.....	.....	.....
Chicago, Burlington & Quincy.....	.....	.....	.....	.....
Chicago, Lake Shore & Eastern.....	2 24	.....	.....	.....
Chicago, Harvard & Geneva Lake	20 76	.....	.....	2 62
Chicago & Lake Superior.....	.....	.....	.....	.....
Chippewa River & Northern.....	.....	.....	.....	.....
Chippewa Valley & Northern.....	.....	.....	.....	.....
Drummond & Southwestern.....	.....	.....	.....	.....
Duluth, South Shore & Atlantic..	842 41	42 64	73 81	476 95
Dunbar & Wausaukee.....	.....	.....	.....	.....
Fairchild & Northeastern.....	.....	.....	.....	.....
Great Northern.....	544 99	31 50	2,746 44	3,742 15
Green Bay & Western.....	511 46	.....	.....	717 08
Hawthorne, Nebagamon & S.....	.....	.....	.....	.....
Hazelnurst & Southeastern.....	.....	.....	.....	.....
Hillsboro & Northeastern.....	.....	.....	.....	.....
Illinois Central.....	3,478 20	34 09	78 50	412 55
Iowa & Northern.....	3 50	.....	.....	.....
J. R. Davis Lumber Co Logging Ry	.....	.....	.....	.....
Kewaunee, Green Bay & Western	1,058 63	.....	.....	120 00
La Crosse & Southeastern.....	19 33	.....	.....	15 20
Lake Superior Terminal & Trans.	253 33	.....	20 85	.....
Laona & Northern.....	.....	.....	.....	.....
Marathon County R'y Co.....	.....	.....	.....	.....
Marquette, Tomahawk & Western	3 22 56	.....	.....	11 25
Mineral Point & Northern.....	131 77	20 33	.....	30 20
Minneapolis, St. P. & Sault Ste. M	2,733 52	135 57	713 59	2,516 00
Northern Pacific.....	1,190 07	44 20	348 51	1,138 67
Northwestern Coal R'y Co.....	.....	.....	137 32	.....
Oshkosh Transportation Co.....	253 96	.....	.....	.....
Roddis Lumber & Veneer Co. L.R.	.....	.....	.....	.....
Robbins R'y Co.....	.....	.....	.....	.....
Stanley, Merritt & Phillips.....	123 88	.....	3 54	611 50
Superior & Southeastern.....	.....	.....	.....	.....
Tomahawk & Eastern.....	.....	.....	.....	.....
Whitcomb & Morris.....	.....	.....	.....	.....
Winona Bridge R'y Co.....	.....	.....	.....	.....
Wisconsin Central.....	15,473 41	378 56	2,988 08	5,032 02
Wisconsin & Michigan.....	53 37	.....	49 97	451 71
Wisconsin & Northern.....	.....	.....	.....	.....
Wisconsin, Ruzy & Southern.....	.....	.....	.....	.....
Waupaca Green Bay.....	.....	.....	.....	.....
Wisconsin Northwestern.....	.....	.....	.....	.....
Mattoon R'y Co.....	.....	.....	.....	24 65
Total.....	\$108,527 08	\$6,278 74	\$68,520 69	\$11,320 65

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.
and Structures—Continued.

Electric powertransmission.	Buildings, fixtures and grounds.	Docks and wharves.	Roadway tools and supplies.	Injuries to persons.	Stationery and printing.
	\$127 21		\$63 37		
	1,305 82	\$576 04	74 82		\$1 25
	279 90				
	150 39				
	182,307 88	41,010 52	34,702 96	\$11,170 48	2,198 34
	149,410 12	11,704 64	12,521 52	14,372 13	2,813 74
	883 93		15 16		311 48
\$324 04	132 90	2 90	18 39		
	3,967 40	2,478 09	975 88	346 64	93 32
	262 62		2,856 60		
	35,198 31	9,969 81	1,524 73	553 81	287 17
	7,180 22	24 25	1,159 63	130 45	11 27
	61 04		2 60		
	216 17				
	4,467 70		559 16	194 69	312 13
	177 73		6 24		5 00
	1,207 35	135 95	176 52	11 50	11 25
	90 10		37 15		
	2,475 19		95 78		31 83
	126 01		192 89		
	756 38		131 11		14 17
	16,612 39		2,699 84	550 61	183 17
	3,370 35		1,437 39	110 51	174 25
	215 83				
			31 67	3 88	
	726 99		246 20		36 09
	15 10				
	59,340 01	22,012 39	6,089 08	40,067 87	1,417 44
	1,543 77	324 49	369 81	41	11 49
	25 11				
			14 37		
\$324 04	\$172,993 92	\$38,220 08	\$35,811 51	\$67,511 98	\$7,913 39

³ Credit.

OPERATING EXPENSES.

Maintenance of Way and Structures—Concluded.

Name of Company.	Other expenses.	Maintaining joint tracks, yards, and other facilities. Dr.	Maintaining joint tracks, yards and other facilities. Cr.	Total.
Abbotsford & Northeastern.....				\$18,827 74
Annapee & Western.....	\$73 62			17,445 95
Ashland, Odanah & Marengo.....	8,953 31			19,342 23
Bayfield Transfer.....				6,272 58
Big Falls R'y Co.....	2,373 85			2,373 85
Chicago, Milwaukee & St. P. ¹	62,941 32	\$9,316 81	\$25,622 22	1,629,714 78
Chicago & Northwestern.....	331 09	23,388 96	12,066 32	2,063,574 25
Chicago, St. P. Minn. & Omaha.....	3792,228 91			792,228 91
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & East'n.....	9 62			11,351 13
Chi. Harvard & Geneva Lake.....	170 00	570 14		2,788 74
Chicago & Lake Superior.....				1,075 75
Chippewa River & Northern.....	2,774 97			2,774 97
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				6,893 23
Duluth, South Shore & Atl.....	1,348 68	2,356 65	1,770 47	92,171 66
Dunbar & Wausaukee.....	442 04			9,419 64
Fairchild & Northeastern.....	17 05			6,475 99
Great Northern.....	2,800 02	10,396 16		219,239 71
Green Bay & Western.....	301 15	3,061 00	17 86	111,597 69
Hawthorne, Nebagamon & S.....				115 57
Hazelhurst & Southeastern.....				1,382 36
Hillsboro & Northeastern.....				2,370 75
Illinois Central.....	1,102 01			53,211 01
Iola & Northern.....	4270 41			1,355 07
J. R. Davis Lbr. Co., Log. Ry.....				
Kewaunee, Green B. & West'n.....	60 89		1,827 57	24,160 38
La Crosse & Southeastern.....	14 17			9,612 50
Lake Sup. Term'l & Transfer.....	624 75	285 00	127 12	22,320 39
Laona & Northern.....				1,904 44
Marathon County R'y Co.....	4,159 80			4,159 80
Marinette, Tomahawk & W'n.....				8,522 76
Mineral Point & Northern.....	113 75	2,955 82		11,253 31
Minn., St. P. & Sault Ste. Marie.....	663 89	2,163 68		260,413 92
Northern Pacific.....		10,613 74	2,147 84	192,386 95
Northwestern Coal R'y Co.....		106 14		5,305 13
Oshkosh Transportation Co.....	90			2,743 77
Roddis Lbr. & Ven'r Co., L'g Ry.....	679 28			679 98
Robbins R'y Co.....	³ 11,769 66			11,769 66
Stanley, Merrill & Phillips.....	10 00	1 94		24,835 03
Superior & Southeastern.....	1,651 51			7,461 51
Tomahawk & E.....	24 03			2,793 41
Whitcomb & Morris.....				1,911 00
Winona Bridge R'y Co.....	19 66		1,233 63	
Wisconsin Central.....	239 50	39,108 65	4,078 17	6,98,342 39
Wisconsin & Michigan.....	2,229 22	1,268 73		21,913 94
Wisconsin & Northern.....				3,178 48
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				796 63
Wisconsin Northwestern.....	2,931 80			2,931 80
Mattoon R'y Co.....				6,201 68
Total.....	\$900,800 74	\$105,633 43	\$48,891 20	\$6,397,632 42

¹ Estimated.³ Not itemized.

WISCONSIN, 1928.- Continued.

Maintenance of Equipment.

Superintendence.	Steam locomotives—repairs.	Steam locomotives—renewals.	Steam locomotives—depreciation.	Electric locomotives—repairs.
	\$145 23		\$120 00	
	1,911 92		500 00	
	4,830 26		1,300 00	
\$176 20		\$163 32		
33,850 06	627,763 25		49,221 14	
59,945 25	671,327 85		83,210 69	
287 91	1,182 39		1,494 61	
236 00				\$217 95
	443 39			
	3,151 87			
1,742 98	14,166 58	1 04	2,648 84	
	851 51			
4,496 84	57,286 20		25,976 04	
1,960 00	21,747 05		7,866 67	
	494 13			
	566 30			
	625 75			
900 32	10,503 44	479 16		
	1,072 27		146 67	
600 00	3,168 91		933 33	
	1,787 42			
855 15	9,997 68		5,020 72	
	729 52			
474 45	2,850 43		240 00	
1,086 71	6,700 26		1,400 04	
5,337 36	92,678 39		4,907 40	
3,656 61	45,449 47		12,757 44	
	2,072 93		1,016 66	
702 50	8,067 95		2,735 46	
700 00				
140 55	308 71			
	22 85			
17,197 17	265,087 04		32,387 17	
	1,650 48	7,072 31	1,908 25	
	262 34			
	3,069 17			
150 00	1,049 05			
\$125,574 05	\$1,863,061 02	\$7,715 83	\$235,691 16	\$217 95

² Proportional.

⁴ Credit.

OPERATING EXPENSES,
Maintenance of

Name of Company.	Electric locomotives— depreciation.	Passenger- train cars— repairs.	Passenger- train cars— renewals.	Passenger- train cars— depreciation.
Abbotsford & N. E.....		\$15 70		\$60 00
Ahnapee & Western.....		1,149 89		466 67
Ashland, Odanah & M.....				
Bayfield Transfer		110 45		30 39
Big Falls Ry. Co.....				
C., M. & St. P. ¹		157,520 57	\$1,032 18	30,239 38
Chicago & Northwestern		144,893 83		25,469 72
C., St. P., M. & O.....				
Chi., Burl & Quincy.....				
Chi., L. S. & Eastern.....				
Chi., Harv. & G. Lake..	\$304 74	336 67		127 08
Chi. & Lake Superior.....		45 11		
Chip. River & Northern				
Chip. Valley & Northern				
Drummond & S. W.....				
Duluth, S. S. & Atlantic		6,499 11		1,516 40
Dunbar & Wausaukee.....				
Fairchild & N. Eastern.				
Great Northern		4,500 60	31	2,514 47
Green Bay & Western...		9,055 13		4,573 31
Hawth'ne, Neb. & Sup..				
Hazelhurst & S. E.....		47 95		
Hillsboro & N. Eastern			8 70	
Illinois Central		2,479 96	77 34	
Iola & Northern.....		117 52		53 33
J. R. D. L. Co., L. Ry..				
Kewaunee, G. B. & W..		2,511 95		935 67
La Crosse & S. B.....		738 94		
Lake Sup. Ter. & T.....				
Laona & Northern.....				
Marathon Co. Ry Co....				
Marinette, Tom. & W..		160 72		90 00
Mineral Pt. & Northern		255 09		750 00
M., St. P. & S. Ste. M.		21,763 62		2,674 21
Northern Pacific		5,694 52	267 18	3,358 96
N. W. Coal R'y Co.....				
Oshkosh Transport. Co.				
R. L. & V. Co., L. Ry.				
Robbins R'y Co.....				
Stanley, Merrill & Phil.		458 28		131 61
Sup. & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co..				
Wisconsin Central		75,845 87	7,705 02	7,303 96
Wisconsin & Michigan.		2,196 30		888 63
Wisconsin & Northern.....				
Wis., Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....		56 73		
Total	\$304 74	\$436,538 51	\$11,756 37	\$81,250 91

¹ Estimated.² Credit.

WISCONSIN, 1908—Continued.

Equipment—Continued.

Freight-train cars—repairs.	Freight-train cars—renewals.	Freight-train cars—depreciation.	Electric equipment of cars—repairs.	Electric equipment of cars—depreciation.
251 45		\$55 92		
981 53		520 00		
3,100 35		1,140 00		
441 12		625 68		
749,881 24	\$21,135 90	111,655 66		
526,234 15	1,077 80	191,863 51		
4,940 84		2,647 40		
2 63		10 26	\$91 03	\$30 00
1,070 25				
21,864 16	434 59	7,514 87		
130 29				
45,702 72	4,879 49	43,640 65		
23,361 47		26,489 99		
232 31				
414 82				
8,986 46	1,083 08			
5,953 20		6,766 67		
437 34				
2,274 97				
1,564 93				
2,585 64		293 44		
739 58		900 00		
96,778 26	1,940 68	12,203 82		
19,959 30	2741 47	14,279 23		
7,813 92		4,277 58		
16 02				
307,651 58	3,791 59	81,399 03		
9,489 89	326 68	9,779 52		
353 56				
3,776 44				
1,102 30				
\$1,851,142 72	\$33,928 34	\$516,068 23	\$91 03	\$30 00

OPERATING EXPENSES,
Maintenance of

Name of Company.	Equipment borrowed —Dr.	Equipment loaned—Cr.	Work equip- ment— repairs.	Work equip- ment— renewals.
Abbotsford & N. E.....				
Ahnapee & Western.....				
Ashland, Odanah & M.....			\$2 91	
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul ¹	\$212,376 49	\$182,950 62		
Chicago & N. W.....			12,373 38	
C., St. P., M. & O.....				
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....			41 60	
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....				
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....	4,896 13	5,052 83	6,986 75	\$57 04
Green Bay & Western.....		2,012 24	662 09	
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central.....		2 69		
Iola & Northern.....				
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....				
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....	2,463 84			
Mineral Point & N.....				
M., St. P. & S. S. M.....	13,021 90	23,841 80	2,477 45	
Northern Pacific.....	2,489 53	3,021 27	1,549 99	17 54
N. W. Coal Ry. Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....			231 19	4,624 27
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry. Co.....				
Wisconsin Central.....	110,523 97	91,865 28	10,888 66	
Wisconsin & Michigan.....	5,103 47	8,081 67		
Wisconsin & Northern.....				
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....	363 06			
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total.....	\$351,237 44	\$316,838 40	\$35,214 02	\$4,698 85

¹ Estimated.

WISCONSIN, 1908—Continued.

Equipment—Continued.

Work equipment —depreciation.	Shop ma- chinery and tools.	Power plant equipment.	Injuries to persons.	Stationery and printing
\$80 00				
5 13	\$11 71 1 75			
4,266 36	46,997 20 42,170 85		\$8,785 31 7,211 15	\$3,659 66 3,649 93
				17.21
30 00	14 37	\$334 23		
	1,401 99		80 28	94 03
1,316 62 1,070 00	6,537 91 3,098 99	142 89	1,079 63 34 00	137 83 43 52
	449 05		54 44	94 82 5 00
				13 25
	2 14 183 59			41 73
1 44	252 11 281 82			1 00
223 75 1,119 48	6,442 67 1,340 63	1,627 10	274 41 124 65	504 75 122 16
736 08	102 45			10 75
3,304 78	21,024 48		32,037 26	1,199 14
	344 58		41	54 55
	362 27			
\$12,153 64	\$131,001 56	\$2,104 22	\$49,681 54	\$9,699 33

OPERATING EXPENSES,

Name of Company.	Maintenance of equipment, concluded.			Total.
	Other expenses	Maintenance of joint equipment at terminals—Dr.	Maintenance of joint equipment at terminals—Cr.	
Abbotsford & N. E.	\$380 00			\$1,028 30
Ahnapee & Western	207 68			5,817 69
Ashland, Odanah & M.	48 49			10,883 72
Bayfield Transfer				1,554 04
Big Falls Ry. Co.	1,101 90			1,101 90
Chi., Milw. & St. Paul ¹	21,504 05	\$768 30	\$345 35	1,806,104 02
Chicago & N. W.	3,079 11	1,681 50	527 25	1,768,927 83
C., St. P., M. & O. ²	³ 748,329 88			748,329 88
Chicago, Burl. & O.				
Chicago, L. S. & E.	69 07			10,639 46
Chicago, Harv. & G. L.				1,776 56
Chicago & Lake Sup.				483 50
Chippewa R. & N.	595 07			595 07
Chippewa V. & N.	3,191 04			3,191 04
Drummond & S. W.				4,222 12
Duluth, S. S. & Atl.	1,008 17	5,379 88	6,615 17	57,767 75
Dunbar & Wausaukee	717 38			717 38
Fairchild & N. E.	79 58			1,061 88
Great Northern	3,775 12	6,924 95	61	215,775 86
Green Bay & Western	1,186 45			102,288 85
Hawthorne, Nebag. & S.				726 44
Hazelhurst & S. E.				1,029 07
Hillsboro & N. E.				634 45
Illinois Central	388 12	1,481 87		26,975 87
Iola & Northern	31 00			1,425 79
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	628 73		2,597 44	18,945 20
La Crosse & S. E.	90 78	30 00		3,086 62
Lake Superior T. & T.	1,163 79			19,537 63
Laona & Northern				2,294 45
Marathon Co. Ry. Co.				
Marinette, T. & W.				9,397 07
Mineral Point & N.	137 40			12,301 90
M., St. P. & S. S. M.	43 74			239,070 26
Northern Pacific	1,501 77	8,392 66		117 934 07
N. W. Coal Ry. Co.				3,080 59
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.	827 01			827 01
Robbins Ry. Co.	2,731 00			2,731 00
Stanley, Merrill & P.	51,376 53			31,271 00
Superior & S. E.	3,683 78			4,383 78
Tomahawk & Eastern				465 28
Whitcomb & Morris				22 85
Winona Bridge Ry. Co.				
Wisconsin Central	2,347 13	5,414 50	192 09	893,053 98
Wisconsin & Michigan	743 76			31,486 19
Wisconsin & Northern				615 90
Wisconsin, Ruby & S.				
Waupaca-Green Bay				368 06
Wisconsin Northwestern				6,845 61
Mattoon Ry. Co.	181 97			2,896 32
Total	\$801,162 62	\$30,073 66	\$10,277 91	\$6,268,291 44

¹ Estimated.² Proportional.³ Not itemized.⁴ Credit.⁵ Includes \$1,355.16 equipment borrowed, Dr.

WISCONSIN, 1908—Continued.

Traffic expenses.

Superintendence.	Outside agencies.	Advertising.	Traffic associations.	Fast freight lines.
\$300 00				
		\$10 89		
64,086 40	\$155,439 50	94,437 11	\$7,592 43	
65,293 74	118,045 12	50,004 17	4,805 48	
175 51		1 95	72	
123 50		4 06		
5,380 89	6,506 84	926 28	28 19	\$60 12
2,497 68	5,704 18	1,070 67	135 46	
1,900 43	300 00	400 20	119 50	
999 42	1,554 47	311 44	109 98	3 30
600 00				
1,451 30		79 06		
485 45		8 50		
600 00		49 90		
8,985 82	16,339 49	3,933 17	384 12	1,063 33
2,689 32	5,624 05	2,327 89	246 03	
1,143 25		7 50	28 07	
46,738 25	140,080 66	12,140 47	1,366 92	
1,271 88	2,161 18	408 58		
\$204,722 84	\$451,755 49	\$175,211 78	\$14,816 90	\$1,126 75

OPERATING EXPENSES,

Name of Company.	Traffic expenses, concluded.			
	Industrial and immigration bureaus.	Stationery and printing.	Other expenses.	Total.
Abbotsford & N. E.				
Ahnapee & Western		\$31 09		\$31 09
Ashland, Odanah & M.				
Bayfield Transfer		50		11 39
Big Falls Ry. Co.				
Chi., Milw. & St. Paul ¹	\$2,003 21	21,716 17	\$539 97	245,814 79
Chicago & N. W.	770 93	31,475 96		279,485 40
C., St. P., M. & O. ²			\$115,193 01	115,193 01
Chicago, Burl. & Q.				
Chicago, L. S. & E.		26 21	07	204 46
Chicago, Harv. & G. L.		7 00	5 05	139 55
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		1,094 07	3 97	14,000 36
Dunbar & Wausaukee				
Fairchild & N. E.			8 25	8 25
Great Northern	465 30	842 58	203 25	10,919 12
Green Bay & Western		1,584 67	30 23	4,235 03
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	53 24	603 47	26 41	3,667 73
Iola & Northern		5 00		5 00
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.		62 28		662 28
La Crosse & S. E.		128 87	25 70	1,684 93
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.		198 26	24 32	716 53
Mineral Point & N.		27 25		677 15
M., St. P. & S. S. M.	500 43	3,356 69		34,863 05
Northern Pacific	537 94	708 11	9 67	12,143 01
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		196 37		1,375 19
Superior & S. E.				
Tomahawk & Eastern			193 31	193 31
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,037 65	13,017 77	204 21	214,585 93
Wisconsin & Michigan		806 33	21	4,648 18
Wisconsin & Northern			101 46	101 46
Wisconsin, Ruby & S.				
Waupaca-Green Bay			163 04	163 04
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$5,668 70	\$75,894 65	\$116,732 13	\$1,045,929 24

¹ Estimated.² Proportional.³ Not itemized.⁴ Including station supplies, yardmen, etc.⁵ Station service.

WISCONSIN, 1908—Continued.

Transportation expenses.					
Superintendence.	Dispatching trains.	Station employes.	Weighing and car service associations.	Coal and oar docks.	Station supplies and expenses.
.....	.....	\$1,310 23	\$23 16	.....	\$68 83
\$422 75	.....	4,044 00	.....	.....	350 39
736 85	\$495 51	557 60	.....	.....	4 05
.....	.....	572 29	.....	.....	.....
.....
86,228 12	78,311 90	872,123 83	21,569 75	\$174 89	66,444 37
97,303 37	61,760 04	849,348 33	21,699 67	29,947 34	63,913 02
.....
977 45	.....	2,097 00	.....	.....	14 61
.....
511 00	100 00	56 25	27 50	.....	.....
1,200 00	.....	120 00	.....	.....	.....
.....
.....
2,666 78	2,723 50	21,682 69	261 50	5,724 53	1,565 51
.....	.....	780 00	.....	.....	.....
900 00	.....	1,187 70	.....	.....	.....
7,608 32	3,975 47	111,695 63	2,571 40	.....	9,085 87
2,743 58	2,050 00	24,626 52	468 45	.....	1,771 31
.....
.....	.....	611 00	.....	.....	.....
.....	.....	803 75	.....	.....	.....
3,590 70	1,357 50	16,457 83	71 19	.....	1,359 36
.....	.....	451 40	.....	.....	30 11
.....
1,146 00	420 00	5,204 25	.....	.....	168 95
2,591 28	.....	2,333 84	.....	.....	66 52
855 31	.....	5,820 00	27 23	.....	1,536 15
.....
.....
478 32	.....	1,154 51	44 59	.....	207 96
600 00	355 00	2,531 07	.....	.....	724 35
12,304 24	7,493 20	54,004 59	1,512 08	.....	5,613 65
5,156 50	4,909 00	36,242 63	2,322 12	.....	2,157 12
.....
.....	.....	580 62	60 00	.....	50
.....
.....
1,500 00	.....	1,392 68	.....	.....	230 23
1,201 33	.....	.....	.....	.....	.....
.....
1,320 00	.....	4347 51	.....	.....	.....
.....	141 23	.....	.....	.....	.....
.....
119 27	.....	.....	.....	.....	.....
51,439 57	35,522 20	335,847 94	8,889 05	18,559 37	30,504 76
.....
1,583 31	1,377 59	6,256 84	99 92	.....	986 85
.....	.....	3,920 80	.....	.....	.....
.....
.....	.....	374 33	.....	.....	117 41
.....
290 00	.....	700 00	.....	.....	23 40
.....
\$285,419 05	\$200,992 14	\$2,366,137 66	\$59,648 20	\$54,406 18	\$187,005 33

OPERATING EXPENSES,

Transportation Ex

Name of Company.	Yardmasters and their clerks.	Yard conductors and brakemen.	Yard, switch and signal tenders.	Yard supplies and expenses.
Abbotsford & N. E.				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. Paul ¹	\$52,317 53	\$402,036 97	\$52,778 42	\$3,809 13
Chicago & N. W.	74,452 60	301,931 84	17,413 55	2,528 37
C., St. P., M. & O. ²				
Chicago, Burl. & Q.				
Chicago, L. S. & E.	1,320 00	9,984 55	1,098 00	
Chicago, Harv. & G. L.				
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.	878 12	7,964 07	1,085 81	247 11
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern	23,364 76	73,733 41	4,496 61	656 10
Green Bay & W.		3,382 83		11 57
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central				
Iola & Northern				
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.		1,445 76		3 60
La Crosse & S. E.				24 83
Lake Superior T. & T.	2,447 73	29,433 82	4,603 63	303 33
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.				
Mineral Point & N.		63 81		
M., St. P. & S. S. M.	1,303 37	2,863 53	111 08	42 86
Northern Pacific	2,362 37	6,664 94	1,273 58	159 52
N. W. Coal Ry. Co.	1,200 00	2,810 47	1,448 11	59 44
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		1,864 45		130 34
Superior & S. E.				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	14,716 61	97,947 15	3,850 33	696 23
Wisconsin & Michigan				3 42
Wisconsin & Northern				
Wisconsin, Ruby & S.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$174,363 63	\$942,127 64	\$88,159 17	\$8,680 90

¹ Estimated.

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Operating joint yards and ter- minals—Dr.	Operating joint yards and ter- minals—Cr.	Motormen.	Road enginemn.
Abbotsford & N. E.....				\$1,658 96
Ahnapee & Western.....				2,667 06
Ashland, Odanah & M.....				5,551 53
Bayfield Transfer.....				2,165 03
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul ¹	\$9,049 01	\$56,028 57		705,367 47
Chicago & N. W.....	61,322 20	22,117 34		800,428 00
C., St. P., M. & O. ²				
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....			\$1,143 62	
Chicago & Lake Sup.....				720 00
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				1,634 95
Duluth, S. S. & Atl.....	4,780 53	1,111 34		25,900 15
Dunbar & Wausaukee.....				1,064 20
Fairchild & N. E.....				2,407 49
Great Northern.....	42,566 44	1,071 95		31,643 30
Green Bay & Western.....	2,475 68			27,809 67
Hawthorne, Neba. & S.....				349 83
Hazelhurst & S. E.....				2,242 05
Hillsboro & N. E.....				723 50
Illinois Central.....		21 92		13,348 15
Iola & Northern.....				1,039 21
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....				5,332 20
La Crosse & S. E.....				3,521 11
Lake Superior T. & T.....	771 13	310 64		
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				4,173 20
Mineral Point & N.....	3,886 93			3,266 85
M., St. P. & S. S. M.....	7,031 99			83,861 24
Northern Pacific.....	39,246 36	13 75		32,224 25
N. W. Coal Ry. Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				3,022 18
Stanley, Merrill & P.....	572 15			3,521 80
Superior & S. E.....				3,202 38
Tomahawk & Eastern.....				396 34
Whitcomb & Morris.....				1,350 00
Winona Bridge Ry. Co.....				
Wisconsin Central.....	80,818 62	18,925 63		324,900 46
Wisconsin & Michigan ..	2,079 85			9,720 14
Wisconsin & Northern ..				4,118 15
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				619 50
Wisconsin Northwestern				
Mattoon Ry. Co.....				3,755 07
Total	\$255,209 94	\$99,601 19	\$1,143 62	\$2,113,705 42

¹ Estimated.

WISCONSIN, 1908—Continued.
 expenses—Continued.

Enginehouse expenses—road.	Fuel for road locomotives.	Water for road locomotives.	Lubricants for road locomotives.	Other supplies for road locomotives.	Operating power plants.
\$555 08	\$2,841 98	\$35 35	\$25 83	\$12 77	.....
513 54	4,800 00	66 40	78 04	46 81	.....
955 04	5,284 26	1,027 79	267 37	57 72	.....
594 36	2,259 33	46 14	27 03	6 91	.....
.....
199,701 72	1,331,229 03	47,972 35	21,061 44	22,447 55	.....
244,834 96	1,385,053 92	76,946 35	24,567 23	24,079 46	.....
.....
.....	.....	.....	.....	.....	\$3,788 30
480 00	1,456 41	57 40	94 03	.....	.....
.....	3,555 63	.....	.....	.....	.....
.....	1,798 74	.....	104 74	37 11	.....
.....
6,357 67	49,258 19	1,843 53	539 81	817 76	.....
.....	3,668 85	.....	.....	.....	.....
.....	4,451 53	64 56	.....	.....	.....
7,245 59	75,221 43	3,775 42	1,000 93	1,937 74	.....
6,091 92	54,785 35	1,393 11	790 14	515 06	.....
.....
182 90	1,019 53	.....	.....	.....	.....
.....	4,692 58	.....	124 13	44 42	.....
.....	1,405 50	108 00	.....	60 35	.....
4,124 89	15,890 98	1,300 44	450 94	250 39	.....
552 30	1,209 00	60 00	33 53	33 41	.....
.....
1,099 00	8,165 00	125 00	111 26	86 23	.....
1,145 29	12,272 71	273 45	194 52	9 81	.....
.....	3,018 20	.....	131 25	.....	.....
.....
1,123 30	10,400 31	89 17	121 99	26 09	.....
1,737 30	8,628 99	158 84	305 95	263 30	.....
14,171 35	170,533 61	8,441 17	4,822 68	3,397 29	.....
10,116 67	60,540 12	2,577 62	1,312 89	1,394 21	.....
.....
.....	1,506 60	.....	.....	.....	.....
720 00	7,934 74	.....	.....	.....	.....
1,667 63	9,785 01	421 41	156 02	92 41	.....
.....
.....	6,534 42	.....	.....	469 07	.....
.....	528 27	.....	.....	30 00	.....
225 00	.....	.....	.....	.....	.....
52,398 90	510,149 44	22,214 97	8,895 71	8,655 00	.....
.....
2,579 42	25,559 56	1,034 18	402 68	185 08	.....
.....	6,378 82	.....	1,194 38	.....	.....
.....
261 64	1,010 94	.....	76 90	9 58	.....
.....	7,754 94	.....	.....	.....	.....
.....	3,477 53	307 50	98 46	17 38	.....
.....
\$559,436 07	\$3,804,061 35	\$170,340 20	\$66,989 88	\$35,912 90	\$3,783 30

² Proportional.

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Road trainmen.	Train supplies and expenses.
Abbotsford & Northeastern	\$1,360 87	\$51 79
Ahnapee & Western	2,276 06	1,063 22
Ashland, Odanah & Marengo	4,154 67	466 40
Bayfield Transfer	1,373 99	51 94
Big Falls Ry. Co.		
Chicago, Milwaukee & St. Paul ¹	793,402 21	162,995 04
Chicago & Northwestern	900,701 65	225,859 59
Chicago, St. Paul, Minneapolis & Omaha ²		
Chicago, Burlington & Quincy		42 02
Chicago, Lake Shore & Eastern		
Chicago, Harvard & Geneva Lake	1,405 27	70 83
Chicago & Lake Superior	480 00	
Chippewa River & Northern		
Chippewa Valley & Northern		
Drummond & Southwestern	780 61	6 52
Duluth, South Shore & Atlantic	30,327 52	5,150 71
Dunbar & Wausaukee	2,379 75	710 43
Fairchild & Northeastern	626 00	
Great Northern	25,279 36	11,569 76
Green Bay & Western	24,347 78	4,432 04
Hawthorne, Nebagamon & Superior	286 99	
Hazelhurst & Southeastern	2,751 95	192 53
Hillsboro & Northeastern	1,152 87	
Illinois Central	14,135 67	4,432 06
Iola & Northern	900 00	117 83
J. R. Davis Lumber Co., Logging Ry.		
Kewaunee, Green Bay & Western	4,997 08	1,296 63
La Crosse & Southeastern	2,234 52	742 80
Lake Superior Terminal & Transfer		
Laona & Northern	3,699 95	
Marathon County Ry. Co.		
Marinette, Tomahawk & Western	2,376 02	427 95
Mineral Point & Northern	3,443 32	65 31
Minneapolis, St. Paul & Sault Ste. Marie	94,156 53	21,494 95
Northern Pacific	27,035 78	9,681 16
Northwestern Coal Ry. Co.		
Oshkosh Transportation Co.		
Roddis Lumber & Veneer Co., Logging Ry.	1,632 91	
Robbins Ry. Co.		
Stanley, Merrill & Phillips	3,676 77	1,021 49
Superior & Southeastern	2,003 00	
Tomahawk & Eastern	226 26	94 18
Whitcomb & Morris		
Winona Bridge Ry. Co.		
Wisconsin Central	344,000 67	62,940 35
Wisconsin & Michigan	11,263 81	1,540 97
Wisconsin & Northern	4,123 89	1 55
Wisconsin, Ruby & Southern		
Waupaca-Green Bay	376 69	1 25
Wisconsin Northwestern	4,074 28	
Mattoon Ry. Co.	5,218 07	11 45
Total	\$2,329,262 77	\$516,532 80

¹ Estimated.

WISCONSIN, 1908—Continued.
 penses—Continued.

Interlockers and block and other signals— operation.	Crossing flag- men and gatemen.	Drawbridge operation.	Clearing wrecks.	Telegraph and telephone —operation.
		\$762 55		\$91 50
			\$6 00	
\$28,092 29	\$66,935 99	20,382 59	14,261 44	8,743 21
65,437 52	71,292 23	6,068 27	21,425 67	
3 39				6 47
251 70	1,466 10		337 08	27 88
8,208 64	30 38		2,127 47	4,609 74
	1,265 37		398 24	477 26
			14 32	
6 09			391 14	248 72
				36 00
		508 26		79 50
	72 50			25 95
			238 14	25 00
				6 17
			43 76	355 50
1,822 96	330 19	655 06	1,081 21	1,200 62
26 64	487 79	3,861 58	851 70	2,511 04
			40 10	
			20 35	
		837 75		
14,149 73	16,794 73	3,494 56	13,542 79	7,225 51
841 98			70 68	7 27
\$118,840 94	\$158,675 28	\$36,590 62	\$54,800 09	\$25,977 37

² Proportional.

OPERATING EXPENSES,
Transportation

Name of Company.	Stationery and printing.	Other expenses.	Loss and damage —freight.	Loss and damage— baggage.
Abbotsford & N. E.....	\$108 56		\$64 24	
Ahnapee & Western.....	185 83	\$19,38	202 45	
Ashland, Odanah & M..	36 88	131 15		
Bayfield Transfer	76 96			
Big Falls Ry. Co.....		3,589 82		
Chi., Milw. & St. P. ¹ ...	42,273 63	14,833 07	192,245 68	\$1,128 17
Chicago & Northwestern	44,339 02	25,229 29	182,690 81	2,825 14
Chi., St. P., M. & O. ²		\$2,379,113 64		
Chi., Burlington & Q.				
Chi., Lake Shore & E....	135 52	26 23		
Chi., Harv. & Geneva L.	130 97	305 66	5 15	
Chi., & Lake Superior...	23 46	43 91	10 53	
Chippewa R. & Northern		3,170 73		
Chippewa V. & Northern	19 00	6,837 18		
Drummond & S. W.				
Duluth, S. S. & Atl.....	1,709 42	892 96	1,251 08	17 39
Dunbar & Wausauke.....	87 97			
Fairchild & Northeastern	156 86	70 25	172 32	
Great Northern	1,373 89	4,023 21	6,272 28	19 05
Green Bay & W.	2,253 71	255 58	2,293 61	
Haw., Nebag. & Supr.....		167 13		
Hazelhurst & S. E.....	27 70			
Hillsboro & Northeastern	165 70	387 88	46 13	
Illinois Central	1,193 72	303 74	1,490 44	*81
Iola & Northern.....	51 70			
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	271 11		475 24	
La Crosse & S. E.....	320 20	3,172 41	313 59	3 00
Lake Superior T. & T... ..	293 45	2,483 77	59 76	5 00
Laona & Northern.....		257 51		
Marathon Co. Ry. Co... ..		6,388 57		
Marinette, T. & W.....	185 34		26 77	
Mineral Point & N.....	365 37	3 15	60 58	10 00
M., St. P. & S. Ste. M.	3,583 20	1,011 23	16,404 18	210 27
Northern Pacific	1,682 75	514 90	5,094 24	42 21
N. W. Coal Ry. Co.....				
Oshkosh Trans. Co.....				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	438 48	28 15	5 19	
Superior & S. E.....		1,148 06	2 18	
Tomahawk & Eastern	62 71		413 57	
Whitcomb & Morris.....				
Whiona Bridge Ry. Co.				
Wisconsin Central	20,098 57	4,626 63	56,888 16	275 14
Wisconsin & Michigan..	1,559 77	2,372 66	298 18	3 69
Wisconsin & Northern...		271 53		
Wis., Ruby & Southern				
Waupaca-Green Bay	63 78	149 42		
Wisconsin Northwestern				
Mattoon Ry. Co.....		19 40	23 53	
Total	\$123,278 14	\$2,461,848 19	\$466,332 80	\$4,538 25

¹ Estimated.² Proportional.

WISCONSIN, 1908—continued.

Expenses—Concluded.

Damage to property.	Damage to stock on right of way.	Injuries to persons.	Operating joint tracks and facilities—Dr.	Operating joint tracks and facilities—Cr.	Total.
	\$5 16				\$8,122 86
	419 27	\$4,805 65			17,589 98
\$14 49	5 50	104 50			24,513 20
					7,304 47
					3,589 82
5,630 78	4,268 63	113,886 02	\$1,585 04	\$4,152 85	5,905,384 27
34,402 98	8,231 83	153,664 37	3,575 34	722 51	6,371,738 45
					2,379,113 64
					29,047 34
15 71					7,566 78
			28 20		4,713 94
					3,170 73
					10,411 81
					4,362 67
123 31	162 47	811 83	24 92		186,567 32
					8,691 20
					9,986 71
5,596 16	1,000 37	21,371 09	3,779 06		620,631 02
45 00	80 00	2,616 65	1,253 21		173,069 47
					2,536 38
					10,700 63
					4,853 73
515 53	615 91	1,152 35		3 42	82,661 59
					4,514 49
	57 00	7 50			33,372 12
	112 50	1 50			29,363 07
419 96		7,336 31			102,933 35
					7,106 91
					6,388 57
		5 00			20,846 69
	3 78	25 54	30 60		27,086 30
1,008 07	1,550 49	8,577 26			539,917 10
233 05	1,391 36	19,784 32		3,349 95	306,405 26
					11,405 29
76 61					3,835 98
					13,176 92
	28 00	425 00			36,461 86
					14,210 04
			145 55		2,417 90
					1,605 00
				957 02	
2,004 14	2,836 78	29,891 04	13,675 35	1,124 62	2,345,578 06
	50 49	52 04			70,614 01
					20,009 12
					3,061 44
					11,829 22
203 51	164 00	400 00			14,709 30
\$50,284 30	\$20,545 00	\$364,897 97	\$24,106 27	\$10,310 37	\$19,505,095 97

³ Not itemized.

⁴ Credit.

OPERATING EXPENSES,

General

Name of Company.	Salaries and expenses of general officers.	Salaries and expenses of clerks and attendants.	General office supplies and expenses.
Abbotsford & Northeastern.....	\$1,380 00		\$28 22
Ahnapee & Western.....	1,115 23	\$57 50	
Ashland, Odanah & Marengo.....	923 29	1,148 14	
Bayfield Transfer	2,353 50	450 00	152 37
Big Falls R'y Co.....			
Chicago, Milwaukee & St. Paul ¹	45,887 91	94,265 91	12,122 79
Chicago & Northwestern.....	44,869 41	118,020 45	22,229 88
Chicago, St. P., Minn. & Omaha ²			
Chicago, Burlington & Quincy.....			
Chicago, Lake Shore & Eastern..	316 60	280 01	98 90
Chicago, Harvard & Geneva Lake.....	175 97		13 71
Chicago & Lake Superior.....			
Chippewa River & Northern.....			
Chippewa Valley & Northern.....	250 00		
Drummond & Southwestern.....		200 00	30 95
Duluth, South Shore & Atlantic.....	3,650 10	5,048 80	503 81
Dunbar & Wausaukee.....			
Fairchild & Northeastern			9 00
Great Northern	2,317 39	5,352 02	335 75
Green Bay & Western.....	12,800 24	6,846 93	749 25
Hawthorne, Nebag. & Superior..			
Hazelhurst & Southeastern.....			
Hillsboro & Northeastern.....			
Illinois Central	341 05	1,623 20	136 75
Iola & Northern	15 23		
J. R. Davis L. Co., Logging Ry..			
Kewaunee, Green Bay & Western.....	3,833 01	1,560 00	103 00
La Crosse & Southeastern.....	1,047 07	1,114 28	243 03
Lake Sup. Terminal & Transfer.....	660 00	3,052 90	78 40
Laona & Northern	1,200 00	800 00	233 27
Marathon County R'y Co.....			
Marinette, Tomahawk & Western.....	800 00	817 95	53 23
Mineral Point & Northern.....	4,030 04	1,455 00	628 51
Mpolis., St. P. & S. Ste. Marie.....	9,328 84	12,083 51	1,831 03
Northern Pacific	2,172 94	5,814 87	403 20
Northwestern Coal R'y Co.....	1,500 00		
Oshkosh Transportation Co.....	997 96		110 00
Roddis L. & V. Co., Logging R'y.....			
Robbins R'y Co.....			
Stanley, Merrill & Phillips.....	1,323 55	1,200 00	177 30
Superior & Southeastern.....			
Tomahawk & Eastern.....			
Whitcomb & Morris	200 00		
Winona Bridge R'y Co.....		157 28	
Wisconsin Central	55,524 31	50,468 50	40,532 01
Wisconsin & Michigan.....	2,188 95	2,005 34	838 31
Wisconsin & Northern	3,797 97		
Wisconsin, Ruby & Southern.....			
Waupaca-Green Bay			
Wisconsin Northwestern.....			
Mattoon Ry. Co.	1,200 00	1,800 00	106 53
Total	\$206,239 66	\$316,190 80	\$81,936 85

¹ Estimated.² Proportional.

WISCONSIN, 1908—Continued.

Expenses.

Law expenses.	Insurance.	Pensions.	Stationery and printing.	Other expenses.
			\$18 72	
\$170 00	\$205 00		69 10	\$140 75
20 00	193 27		36 76	99 60
			122 23	22 12
44,340 55			13,258 60	6,377 41
43,157 49	5,655 27	\$30,072 02	11,376 37	10,406 07
				\$135,578 02
247 45	134 24	33 43	16 93	
	466 49		13 29	
				2,807 31
1,294 47	8 27	63 21	632 05	422 32
				446 72
4,378 33	1 51	11 70	675 34	500 47
1,866 93			501 65	654 03
	99 45		94 73	
876 75	8 35	67 32	159 65	189 75
			38 70	69 50
89 65			133 85	115 90
18 16	246 03		216 44	
2,870 20	192 72		243 33	60 00
55 72	668 68		29 40	858 21
219 15	287 49		399 33	3 00
4,831 21	4,658 34		1,289 42	914 13
3,899 81	1,970 08		613 35	1,180 03
163 05	567 56		8 00	2 23
			2 00	
340 05	2,063 74		148 31	
300 00	160 63		16 00	954 41
				312 83
27,811 40	16,528 09		8,898 33	1 47
682 45	150 00		657 26	7,639 71
				26 62
				412 03
			124 63	2,516 28
\$137,665 85	\$34,265 21	\$30,217 68	\$39,793 77	\$172,792 03

* Not itemized.

OPERATING EXPENSES,

Name of Company.	General expenses—concluded.			Recapit- Maintenance of way and structures.
	General ad- ministration, joint tracks, yards and termi- nals—Dr.	General ad- ministration, joint tracks, yards and termi- nals—Cr.	Total.	
Abbotsford & N. E.			\$1,426 94	\$18,827 74
Ahnapee & Western.			2,297 58	17,445 95
Ashland, Odanah & M.			2,421 06	19,342 23
Bayfield Transfer			3,078 10	6,272 58
Big Falls Ry. Co.			22 12	2,373 87
Chi., Milw. & St. P. ¹		\$29,67	216,223 53	1,629,714 78
Chicago & Northwestern	\$758 16		286,544 64	2,063,574 25
Chi., St. P., M. & O. ²			135,578 02	792,228 91
Chicago, Burlington & Q.				
Chi., Lake Shore & E.			1,127 65	11,351 13
Chi., Harv. & Geneva L.			669 46	2,788 74
Chi. & Lake Superior....				1,075 75
Chippewa R. & Northern			2,807 34	2,774 97
Chippewa V. & Northern			250 00	
Drummond & S. W.			230 95	6,893 23
Dul., S. S. & Atlantic... ..	78 46		11,710 61	92,171 66
Dunbar & Wausaukee... ..				9,419 64
Fairchild & N. E.			455 72	6,475 99
Great Northern	2,673 00		16,335 51	219,239 71
Green Bay & Western... ..	76 09		23,495 18	111,597 69
Haw., Nebag. & Sup.				115 57
Hazelhurst & S. E.			194 18	1,322 36
Hillsboro & N. E.				2,370 75
Illinois Central			3,465 82	53,211 01
Iola & Northern			114 43	1,355 07
J. R. D. L. Co., L. Ry.			5,870 43	24,160 38
Kewaunee, G. B. & W.			2,885 04	9,612 50
La Crosse & S. E.			6,964 92	22,320 39
Lake Superior T. & T.			2,425 99	1,904 44
Laona & Northern				
Marathon Co. Ry. Co.			858 21	4,159 80
Marquette, T. & W.			2,427 98	8,522 76
Mineral Point & N.			7,019 55	11,253 31
M., St. P. & S. Ste. M.	111 27		35,112 75	260,413 92
Northern Pacific	2,856 87		18,934 15	192,386 95
N. W. Coal Ry. Co.			2,243 84	5,305 13
Oshkosh Trans. Co.			1,109 96	2,743 77
R. L. & V. Co., L. Ry.				679 93
Robbins Ry. Co.				11,769 66
Stanley, Merrill & Phil.			5,252 95	24,835 03
Superior & Southeastern			1,431 04	7,461 51
Tomahawk & Eastern... ..			312 83	2,793 41
Whitcomb & Morris....			200 00	1,941 09
Winona Bridge Ry. Co.		158 75		
Wisconsin Central			207,432 43	698,342 39
Wisconsin & Michigan... ..			6,458 93	21,913 94
Wisconsin & Northern... ..			4,360 03	3,178 48
Wis., Ruby & Southern... ..				
Waupaca-Green Bay				796 63
Wisconsin Northwestern			2,516 28	2,931 80
Mattoon Ry. Co.			3,231 16	6,201 68
Total	\$6,563 85	\$188 42	\$1,025,495 31	\$6,397,632 42

¹ Estimated.

WISCONSIN, 1908—Concluded.

ulation of expenses.

Maintenance of equipment.	Traffic expenses.	Transportation expenses.	General expenses.	Grand total.	Percentage of operating expenses to revenue.
\$1,028 30		\$8,122 86	\$1,426 94	\$29,405 84	93.94
5,877 69	\$331 09	17,589 98	2,297 58	43,542 29	54.99
10,383 72		24,513 20	2,421 06	56,660 21	124.00
1,554 04	11 39	7,304 47	3,078 10	18,220 58	93.90
1,101 90		3,589 82	22 12	7,087 69	77.41
1,896,104 02	345,814 79	5,905,384 27	216,223 53	9,933,241 39	59.40
1,768,927 83	279,485 40	6,371,738 45	286,544 64	10,770,270 57	65.87
748,329 88	115,193 01	2,379,113 64	135,578 02	4,170,443 46	69.33
10,639 46	204 46	29,047 34	1,127 65	52,370 04	70.44
1,776 56	139 55	7,566 78	609 46	12,941 09	81.82
488 50		4,713 94		6,278 19	109.96
595 07		3,170 73	2,807 34	9,348 11	83.90
3,191 04		10,411 81	250 00	13,852 85	81.82
4,222 12		4,362 67	230 95	15,708 97	115.25
57,767 75	14,000 36	186,567 32	11,710 61	332,217 70	105.15
717 38		8,691 20		18,828 22	62.73
1,061 38	8 25	9,986 71	455 72	17,988 05	96.70
215,775 86	10,919 12	620,081 02	16,335 51	1,082,351 22	85.03
102,288 35	4,335 03	176,069 47	23,495 18	417,785 72	69.47
726 44		2,006 38		2,848 39	30.17
1,029 07		10,700 68	194 18	13,306 29	73.18
634 45		4,853 73		7,858 93	57.40
26,975 37	3,667 73	82,661 59	3,465 82	169,981 52	123.26
1,425 79	5 00	4,514 49	114 43	7,414 78	109.87
18,945 30	662 28	33,372 12	5,870 43	83,010 51	65.74
3,086 62	1,684 93	29,363 07	2,885 04	46,632 16	68.34
12,537 63		102,933 35	6,964 92	151,756 29	401.80
2,294 45		7,106 91	2,425 99	13,731 79	74.14
		6,388 57	858 21	11,406 58	87.09
9,397 07	716 53	20,846 69	2,427 93	41,911 03	87.26
12,301 90	677 15	27,086 30	7,019 55	58,338 21	79.85
239,070 26	34,863 05	539,917 10	35,112 75	1,109,377 03	66.40
117,984 07	12,143 01	306,405 26	18,934 15	617,833 44	111.75
3,089 59		11,405 20	2,243 84	22,043 76	94.70
827 01		3,835 98	1,109 96	3,853 73	
2,731 00		13,176 92		5,342 97	100.00
31,271 60	1,375 19	36,461 86	5,252 95	27,677 58	92.64
				99,196 63	80.64
4,383 78		14,210 04	1,431 04	27,486 37	73.30
465 28	193 31	2,417 90	312 83	6,132 73	43.64
22 85		1,605 00	200 00	3,768 85	128.00
893,053 98	214,585 93	2,345,578 06	207,432 43	4,358,992 79	72.49
31,486 19	4,648 18	70,614 01	6,458 93	135,121 25	80.91
615 90	101 46	20,009 12	4,360 03	28,264 99	81.31
363 06	163 04	3,061 44		4,384 17	83.59
6,845 61		11,829 22	2,516 28	24,122 91	63.87
2,896 32		14,709 30	3,231 16	27,038 46	76.21
\$6,263,291 44	\$1,045,929 24	\$19,505,095 97	\$1,025,495 31	\$34,237,446 38	66.96

* Proportional.

OPERATING EXPENSES,
Of Roads Operating in Wisconsin as Reported to the
Maintenance of Way

Name of Company.	Superintendence.	Ballast.	Ties.	Rails.
Abbotsford & N. E.....			\$2,287 43	\$3,636 94
Ahnapee & Western.....	\$17 85	\$1,586 07	1,505 42	1,033 94
Ashland, Odanah & M.				527 85
Rayfield Transfer			2,839 42	
Big Falls Ry. Co.....				
C. M. & St. P.....	227,451 10	36,896 18	947,801 50	336,238 69
Chicago & Northwestern	355,959 73	104,039 70	1,191,215 31	383,879 08
C. St. P., M. & O.....	69,737 76	31,953 53	164,783 13	83,779 44
Chi., Burl. & Quincy...	628,853 71	333,185 93	2,395,397 43	1,298,041 67
Chi., L. S. & Eastern..	18,215 00	109 70	29,651 48	18,048 21
Chi., Harv. & G. Lake	362 00	436 17	1,639 83	
Chicago & Lake Superior		73 20	136 00	
Chin. River & Northern				
Chip. Val & Northern..				
Drummond & S. West..			495 64	
Duluth, S. S. & Atl....	16,499 98	9,309 83	74,218 75	29,145 61
Dunbar & Wausaukee..				1,073 09
Fairchild & N. Eastern..	300 09			
Great Northern	551,689 23	112,333 69	1,183,997 39	441,739 25
Green Bay & Western..	780 00	145 00	30,500 00	12,000 00
Hawthorne, Neb. & Sun				
Hazelhurst & S. Eastern			518 73	
Hillshore & N. Eastern				
Illinois Central	336,747 00	143,891 10	639,739 53	298,575 18
Iola & Northern			1,030 11	
J. R. D. L. Co. L. Ry.				
Kewaunee, G. B. & W.	317 85		5,500 00	6,000 00
La Crosse & S. E.....	49 50		592 70	25
Lake Sup. T. & T. Co..	895 29	471 31	2,481 03	3,792 35
Laona & Northern				
Marathon Co. Ry Co....				
Marquette, Tom. & W.	474 43		842 13	732 20
Mineral Pt. & Northern	796 78	835 18		
M. St. P. & S. Ste. M	35,917 07		179,473 05	8,179 47
Northern Pacific	371,242 67	28,501 91	1,389,436 53	274,035 78
Northwest. Coal Ry Co.	200 09		1,794 18	
Oshkosh Trans. Co.....	789 00		461 16	
R. L. & V. Co. L. Ry				
Robbins Ry Co.....				
Stanley, Merrill & P....	1,240 65	2,736 05	4,831 76	112 00
Superior & S. E.....	1,200 00		4,600 00	
Tomahawk & Eastern..	140 57			
Whitcomb & Morris..			360 00	
Winona Bridge Ry Co..	492 50			
Wisconsin Central	35,149 55	247 90	103,570 66	29,191 01
Wisconsin & Michigan..	1,902 75	54 13	1,148 01	
Wisconsin & Northern..				
Wis., Ruby & Southern				
Waupaca-Green Bay ..				
Wisconsin Northwestern				
Mattoon Ry. Co.....			1,358 03	
Total	\$2,656,729 15	\$309,741 58	\$8,301,216 30	\$3,141,695 65

¹ Credit.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.
and Structures.

Other track material.	Roadway and track.	Removal of snow, sand and ice.	Tunnels.	Bridges, trestles and culverts.	Over and under grade crossings.
\$1,147 73	\$5,009 38			\$3,441 44	
684 91	6,350 32	\$300 00		3,379 50	
	9,581 17				
		3,175 29			
450,341 20	2,300,204 01	255,483 65		638,835 72	\$14,914 18
436,932 00	3,495,446 23	183,244 93	\$2,836 58	732,537 00	23,157 73
111,036 38	627,967 48	13,312 85	1,057 87	187,783 36	5,346 94
1,169,313 43	5,332,517 88	61,543 30	351 92	1,053,349 55	39,991 36
33,194 85	85,363 74	13,790 98		12,009 08	185 63
150 27		267 74		207 94	
	823 45			40 10	
	6,423 40			4 19	
45,607 67	280,701 18	23,396 73		18,108 76	3 08
	4,666 32	5,025 00			
621,973 58	4,747,513 45	118,086 87	19,129 21	1,230 00	23,150 00
713 74	47,782 73	1,583 92		614,785 23	
				4,999 65	
	115 57				
	737 50	51 30			
	2,154 58				
380,941 25	2,490,621 08	63,877 51	2,399 95	713,533 69	20,234 39
11 20	391 70				
852 78	8,963 59	300 00		1,271 64	
33 10	8,819 21	6 25		12 44	
3,264 14	7,604 55	438 42		2 25	
		1,904 44			
420 14	5,097 03			610 24	
103 50	5,007 10	77 63		349 50	
22,016 55	614,365 45	29,937 85		174,495 00	
449,330 40	4,189,564 41	77,622 49	20,123 56	758,763 98	6,231 62
77 32	2,714 34				
22 44	1,100 21	89 55			
68 43	13,472 54			737 46	
	2,613 71				
1,581 00				1,823 05	
54,319 06	287,493 51	13,832 07		73,010 19	1,753 98
254 71	17,150 28	321 64		341 63	
12 30	3,141 07				
	796 63				
454 65	4,349 98				
\$3,784,881 92	\$24,640,632 81	\$780,775 43	\$45,899 09	\$5,025,755 68	\$135,004 91

OPERATING EXPENSES,
Maintenance of Way

Name of Company.	Grade crossings, fences, cattle guards and signs.	Snow and sand, fences and snow-sheds.	Signal and interlocking plants.	Telegraph and telephone lines.
Abbotsford & N. E.....	\$108 17	\$1 65		\$7 42
Alnupsee & Western.....	533 39			
Ashland, Odanah & M.....				
Bayfield Transfer			\$77 48	
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....	151,301 05	19,281 02	84,082 92	52,052 75
Chicago & Northwestern	153,114 05	7,423 52	148,392 60	39,243 55
Chi., St. P., M. & O....	31,926 11	1,709 16	8,347 29	17,393 16
Chi., Burlington & Q....	269,411 00	9,297 96	111,346 07	132,127 37
Chi., Lake Shore & E..	828 85	44 68	1,165 15	5,128 45
Chi., Harv. & Geneva L.	41 52			5 25
Chi., & Lake Superior..				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....				
Dul., S. S. & Atlantic..	5,130 98	259 70	449 57	2,905 02
Dunbar & Wausaukee...				
Fairchild & N. E.....				
Great Northern	78,271 50	18,219 02	37,757 22	58,998 41
Green Bay & Western....	511 46			717 03
Haw., Nebag. & Sup....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	141,214 78	1,289 28	389,746 40	80,072 39
Iola & Northern	3 50			
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	1,058 63			120 00
La Crosse & S. E.....	19 33			15 20
Lake Superior T. & T..	253 33		20 85	
Laona & Northern.....				
Marathon Co. Ry. Co..				
Marinette, T. & W.....	422 56			11 25
Mineral Point & N.....	131 77	20 33		30 20
M., St. P. & S. Ste. M.	16,121 90	2,611 91	3,204 92	21,439 16
Northern Pacific	117,582 55	23,953 96	23,074 24	78,132 21
N. W. Coal Ry. Co.....			137 32	
Oshkosh Trans. Co.....	253 96			
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	123 83		3 54	611 50
Superior & Southeastern				
Tomahawk & Eastern....				
Whitcomb & Morris....				
Winona Bridge Ry. Co..				
Wisconsin Central	18,212 65	445 49	3,517 79	5,922 84
Wisconsin & Michigan..	72 39		67 77	612 66
Wisconsin & Northern..				
Wis., Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				24 65
Total	\$986,202 28	\$84,557 68	\$811,391 13	\$495,571 52

¹ Credit.

WHOLE LINE, 1908—continued.
and Structure—Continued.

Electric power transmission	Buildings, fixtures and grounds.	Docks and wharves.	Roadway tools and supplies.	Injuries to persons.	Stationery and printing.
	\$127 21		\$63 37		
	1,305 82	\$576 04	74 82		\$1 25
	279 90				
	150 39				
	526,488 01	55,976 23	121,729 16	\$64,759 39	9 097 03
	577,667 26	45,253 90	48,412 22	55,567 26	10,878 82
	126,943 56	16,679 32	7,642 26	5,793 03	1,810 6
	1,093,419 39	25,768 95	114,291 95	43,577 36	18,151 80
	11,530 56		3,254 36	15,788 33	1,228 13
\$648 08	265 81	5 80	36 78		
	24,164 83	15,093 70	5,943 97	2,111 32	563 38
	202 62		2,856 60		
	708,769 67	18,846 50	107,531 59	85,247 0	15,978 99
	7,180 22	24 25	1,159 63	139 45	11 27
	61 04		2 60		
	216 17				
	749,223 95	16,609 05	62,805 80	32,159 40	16,256 56
	177 73		6 24		5 00
	1,207 35	135 95	176 52	11 50	11 25
	90 10		37 15		
	2,475 19		195 78		31 83
	126 01		192 89		
	756 38		131 11		14 17
	116,559 65	20,292 25	18,490 55	2,770 61	872 77
	813,038 87	100,085 01	71,918 15	40,304 03	8,500 13
	245 83		31 67	3 88	
	726 99		246 20		36 09
	15 10				
	69,844 70	25,909 10	7,167 00	47,160 88	1,668 31
	2,093 81	440 10	501 58	55	15 59
	25 11				
			14 37		
\$648 08	\$4,750,448 33	\$341,756 15	\$574,622 76	\$395,414 67	\$84,848 18

OPERATING EXPENSES,

Name of Company.	Maintenance of way and structures—concluded.			
	Other expenses.	Maintaining joint tracks, yards and terminal facilities—Dr.	Maintaining joint tracks, yards and terminal facilities—Cr.	Total.
Abbotsford & N. E.....				\$18,827 74
Alnapee & Western.....	\$73 62			17,445 95
Ashland, Odanah & M.....	8,953 31			19,342 23
Bayfield Transfer				6,272 58
Big Falls R'y Co.....	2,373 85			2,373 85
C., M. & St. P.....	191,937 29	\$290,107 98	\$71,102 72	6,642,820 84
Chicago & Northwestern	1,281 09	90,429 19	46,652 26	7,978,438 62
C., St. P., M. & O.....	37,782 49	107,987 17	41,030 22	1,622,754 83
Chi., Burl. & Quincy...	1488,959 13	278,835 72	357,807 19	14,397,928 69
Chi., L. S. & Eastern...	562 85	136,938 14	544 52	387,488 68
Chi., Harv. & Geneva L.	310 00	1,140 28		5,577 50
Chi. & Lake Superior...				1,075 75
Chip. River & Northern...	2,774 97			2,774 97
Chip. Val. & Northern...				
Drummond & S. West...				6,893 23
Duluth, S. S. & Atl.....	8,214 65	14,354 02	10,783 68	561,404 05
Dunbar & Wausaukee ...	442 04			9,419 61
Fairchild & N. E.....	17 05			6,475 99
Great Northern	70,979 95	97,487 27	134,030 42	9,600,617 98
Green Bay & Western ..	301 15	3,061 00	17 83	111,577 69
Hawthorne, Nebag. & S.				115 57
Hazelhurst & S. E.....				1,882 36
Hillsboro & N. E.....				2,370 75
Illinois Central	205,407 02	200,171 44	251,394 00	6,758,172 57
Iola & Northern	270 41			1,355 07
J. R. D. L. Co., L. R'y				
Kewaunee, G. B. & W.	60 89		1,827 57	24,160 88
La Crosse & S. E.....	14 17			9,612 50
Lake Superior T. & T..	624 75	285 00	127 12	22,320 89
Laona & Northern				1,904 44
Marathon Co. R'y Co...	4,150 80			4,150 80
Marinette, T. & W.....				8,522 76
Mineral Point & N.....	113 75	2,935 82		11,233 31
M., St P. & S. S. M.....	3,153 96	33,657 53	66 62	1,295,763 03
Northern Pacific	2,296 73	82,791 90	155,787 75	8,761,610 51
N. W. Coal R'y Co.....		103 14		5,305 13
Oshkosh Transp. Co....	90			2,743 77
R. L. & V. Co., L. R'y.	679 98			679 98
Robbins R'y Co.....	211,769 66			11,769 66
Stanley, Merrill & P....	10 00	1 94		24,835 03
Superior & S. E.....	1,661 51			7,461 51
Tomahawk & Eastern...	24 03			2,793 41
Whitcomb & Morris				1,941 00
Winona Bridge R'y Co..	37 50		2,353 05	
Wisconsin Central	281 91	46,031 87	4,800 09	321,936 38
Wisconsin & Michigan..	3,023 48	1,720 80		29,721 88
Wisconsin & Northern...				3,178 48
Wisconsin, Ruby & S.				
Waupaca-Green Bay				796 63
Wisconsin N. W.	2,931 80			2,931 80
Mattoon Ry. Co.....				6,201 68
Total	\$1,051,008 87	\$1,395,123 21	\$1,078,355 16	\$59,224,563 12

¹ Includes work equipment, repairs, renewals and depreciation.

² Not itemized.

WHOLE LINE, 1908, Continued.

Maintenance and equipment.				
Superintendence.	Steam locomotives—repairs.	Steam locomotives—renewals.	Steam locomotives—depreciation.	Electric locomotives—repairs.
.....	\$145 23	.....	\$120 00	.....
.....	1,911 92	.....	500 00	.....
.....	4,880 26	.....	1,200 00	.....
\$176 20	.....	\$163 32	.....	.....
.....
130,276 13	2,246,478 97	.....	180,678 55	.....
196,970 65	2,595,568 35	.....	321,719 15	.....
45,640 94	530,819 87	32,000 00	97,395 53	.....
378,226 08	3,299,804 87	88,161 83	1,171,012 75	.....
16,836 57	131,001 35	3,509 19	39,333 26	.....
472 00	.....	.....	.....	\$435 90
.....	443 39	.....	.....	.....
.....
.....	3,151 87	.....	.....	.....
.....
10,616 24	89,286 57	6 32	16,133 69	.....
.....
.....	851 51	.....	.....	.....
176,660 75	2,227,670 24	.....	843,928 05	.....
1,969 00	21,747 05	.....	7,836 67	.....
.....
.....	494 13	.....	.....	.....
.....	536 30	.....	.....	.....
.....	623 75	.....	.....	.....
176,939 77	3,047,828 87	69,250 00	146 67	.....
.....	1,072 27	.....	.....	.....
.....
600 00	3,168 94	.....	933 33	.....
.....	1,787 42	.....	.....	.....
855 15	9,997 68	.....	5,020 72	.....
.....	729 52	.....	.....	.....
.....
.....	2,850 43	.....	240 00	.....
474 45	6,700 26	.....	1,400 04	.....
1,086 71	556,990 51	.....	35,577 78	.....
31,784 86	2,336,466 46	.....	852,734 76	.....
178,270 91	.....	.....	.....	.....
.....	2,072 93	.....	1,016 66	.....
.....
.....	8,067 95	.....	2,735 46	.....
702 50	.....	.....	.....	.....
.....
700 00	308 71	.....	.....	.....
140 55	22 85	.....	.....	.....
.....
20,241 57	312,013 95	.....	38,120 57	.....
.....
.....	2,250 75	9,592 19	2,588 16	.....
.....	262 34	.....	.....	.....
.....
.....	3,039 17	.....	.....	.....
150 00	1,049 05	.....	.....	.....
.....
\$1,369,791 03	\$17,449,127 60	\$168,682 85	\$3,620,451 80	\$435 90

* Credit.

OPERATING EXPENSES,
Maintenance of

Name of Company.	Electric locomotives—depreciation.	Passenger train cars—repairs.	Passenger train cars—renewals.	Passenger train cars—depreciation.
Abbotsford & N. E.....		\$15 70		\$30 00
Alnapee & Western.....		1,149 8)		463 67
Ashland, Odanah & M.....				
Bayfield Transfer.....		110 45		50 39
Big Falls R'y Co.....				
Chi., Milw. & St. P.....		548,00) 87	\$14,177 34	105,187 25
Chicago & N. W.....		560,205 93		98,474 10
C., St. P., M. & O.....		124,752 29		22,832 68
Chicago, Bur. & Q.....		613,679 81	47,751 68	503,085 08
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....	\$309 49	673 33		254 16
Chicago & Lake S.....		45 11		
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....		39,585 12		9,418 87
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....		483,467 21	11,401 69	231,238 92
Green Bay & Western.....		9,055 13		4,573 34
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....		47 95		
Hillsboro & N. E.....			8 70	
Illinois Central.....		667,445 95	19,88) 63	
Iola & Northern.....		117 52		53 33
J. R. D. L. Co., L. R'y.....				
Kewanee, G. B. & W.....		2,511 95		966 67
La Crosse & S. E.....		738 94		
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marinette, T. & W.....		160 72		90 60
Mineral Point & N.....		253 69		750 00
M., St. P. & S. S. M.....		174,576 89		18,074 46
Northern Pacific.....		490,576 99	14,666 75	312,075 25
N. W. Coal R'y Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P.....		458 28		134 64
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitecomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....		89,272 53	9,039 66	8,606 40
Wisconsin & Michigan.....				
Wisconsin & Northern.....		2,078 84		1,265 28
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				
Wisconsin N. W.....				
Mattoon R'y Co.....		50 73		
Total.....	\$600 49	\$3,813,023 16	\$97,724 29	\$1,320,631 49

1 Credit.

WHOLE LINE, 1908.—Continued.

Equipment—continued.

Freight train cars—repairs.	Freight train cars—renewals.	Freight train cars—depreciation.	Electric equipment of cars—repairs.	Electric equipment of cars—depreciation.
\$251 45		\$55 92		
981 53		520 00		
3,100 35		1,140 00		
441 12		625 68		
2,881,654 82	\$81,173 74	431,141 76		
2,034,589 69	4,167 13	741,805 75		
408,025 44	41,174 46	175,229 23		
3,083,171 36	503,326 64	2,673,190 34		
538,645 40	25,775 40	281,043 26		
5 26		20 52	\$182 06	\$60 00
1,070 25				
133,171 40	2,647 04	45,771 99		
130 29				
1,682,122 55	182,402 15	1,666,092 50		
23,361 47		26,489 99		
232 31				
414 82				
4,419,870 67	534,791 65			
5,953 20		6,766 67		
437 34				
2,274 97				
1,564 93				
2,585 64		298 44		
789 58		900 00		
447,857 46	9,039 93	83,085 72		
2,319,235 82	64,528 77	1,554,938 73		
7,813 92		4,277 58		
16 02				
362,113 53	4,462 83	95,808 70		
12,871 13	443 08	13,263 96		
353 56				
3,776 44				
1,102 30				
\$18,382,986 02	\$1,486,932 82	\$7,208,466 74	\$182 06	\$60 00

OPERATING EXPENSES,
Maintenance of

Name of Company.	Equipment borrowed—Dr	Equipment loaned—Cr.	Floating equipment, repairs and depreciation.	Work equipment— repairs.
Abbotsford & N. E.				
Ahnapee & Western				
Ashland, Odanah & M.				\$2 91
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. Paul.	\$808,809 93	\$607,936 54		
Chicago & N. W.				47,839 44
C., St. P., M. & O.	286,958 77	249,766 86		
Chicago, Burl. & Q.	703,155 97	597,240 80		
Chicago, L. S. & E.				2,783 59
Chicago, Harv. & G. L.				
Chicago & Lake Sup.				83 20
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.				
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern	178,590 96	194,080 18		289,985 51
Green Bay & Western		2,012 24		662 09
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	761,302 54	809,071 43	\$27,467 46	
Iola & Northern				
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.	2,463 84			
Mineral Point & N.				
M., St. P. & S. S. M.	88,248 82	160,699 92		16,820 73
Northern Pacific	287,249 53	322,133 71	11,453 96	138,444 16
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.				231 19
Superior & S. E.				
Tomahawk & E.				
Whitcomb & Morris				
Wisona Bridge Ry. Co.				
Wisconsin Central	130,089 36	108,127 73		12,816 19
Wisconsin & Michigan ..	6,921 84	10,961 16		
Wisconsin & Northern ..				
Wisconsin, Ruby & S.				
Waupaca-Green Bay	363 06			
Wisconsin N. W.				
Mattoon Ry. Co.				
Total	\$3,254,154 62	\$3,152,035 57	\$38,926 42	\$509,169 01

WHOLE LINE, 1908—Continued.
Equipment—Continued.

Work equip- ment—re- newals.	Work equip- ment—de- preciation.	Shop machinery and tools.	Power plant equip- ment.	Injuries to persons.	Stationery and printing.
.....	\$80 00	.....	.....	.....	.....
.....	5 13	\$11 71 1 75	.....	.....	.....
.....	.....	184,104 53	.....	.....	.....
.....	16,495 11	163,046 00	.....	\$23,296 84	\$13,587 28
.....	.....	26,464 92	.....	27,830 60	14,111 81
.....	.....	284,163 89	.....	3,829 75	3,319 85
.....	1,535 24	4,425 37	.....	10,636 97	21,978 42
.....	60 00	28 75	\$668 45	2,335 46	1,006 81
.....
.....	.....	8,539 32	.....	438 98	572 73
.....
\$9,617 23	69,456 32	106,658 76	.....	37,790 31	11,837 78
.....	1,070 00	3,098 99	142 39	34 00	43 52
.....
.....	.....	257,316 87	.....	27,116 61	17,331 02 5 00
.....
.....	.....	2 14	.....	.....	13 25
.....	.....	183 59	.....	.....	41 73
.....
.....	1 44	232 11	.....	.....	.....
.....	.....	281 82	.....	.....	.....
.....	1,578 96	39,222 04	10,126 94	3,462 24	1 00
721 97	46,069 06	119,155 82	.....	20,769 56	3,070 30
.....	.....	.....	.....	.....	8,536 44
.....
4,624 27	736 03	102 45	.....	.....	10 75
.....
.....	3,889 84	24,746 28	.....	37,708 69	1,411 50
.....	.....	467 37	.....	55	73 98
.....
.....	.....	362 27	.....	.....	.....
\$14,963 47	\$140,977 18	\$1,222,616 80	\$10,938 28	\$195,350 66	\$97,008 17

OPERATING EXPENSES,

Maintenance of Equipment,—concluded.

Name of Company.	Other expenses.	Maintenance of joint equipment at terminals—Dr.	Maintenance of joint equipment at terminals—Cr.	Total.
Abbotford & N. E.....	\$380 00	.....	.....	\$1,028 30
Alnapes & Western	267 68	.....	.....	5,877 69
Ashland, Odanah & M..	48 49	.....	.....	10,383 72
Bayfield Transfer .....	.....	.....	.....	1,554 04
Big Falls R'y Co.....	1,101 90	.....	.....	1,101 90
Chi., Milw. & St. P....	50,002 14	\$34,509 59	\$1,971 99	7,039,270 26
Chicago & N. W.....	11,904 89	6,501 23	2,038 53	6,839,241 21
C., St. P., M. & O.....	11,957 64	8,540 32	2,400 16	1,532,834 65
Chicago, Burl. & Q.....	1165,017 77	34,434 13	14,627 67	12,368,932 08
Chicago, L. S. & E.....	1,361 93	129,925 79	47,437 12	1,135,081 50
Chicago, Harv. & G. L..	.....	.....	.....	3,553 12
Chicago & Lake S.....	.....	.....	.....	488 50
Chippewa R. & N.....	595 07	.....	.....	595 07
Chippewa V. & N.....	3,191 04	.....	.....	3,191 04
Drummond & S. W.....	.....	.....	.....	4,222 12
Duluth, S. S. & Atl....	6,140 62	32,768 02	40,292 08	351,854 83
Dunbar & Wausaukee ..	717 33	.....	.....	717 38
Fairchild & N. E.....	79 58	.....	.....	1,061 38
Great Northern	185,137 95	31,281 20	11,906 49	8,325,493 41
Green Bay & Western..	1,183 45	.....	.....	102,288 35
Hawthorne, Nebag. & S.	.....	.....	.....	723 44
Hazelhurst & S. E.....	.....	.....	.....	1,023 07
Hillsboro & N. E.....	.....	.....	.....	634 45
Illinois Central	57,783 92	9,956 16	5,083 58	9,310,136 11
Iola & Northern	31 00	.....	.....	1,425 79
J. R. D. L. Co., L. R'y.	.....	.....	.....	.....
Kewaunee, G. B. & W..	628 73	.....	2,597 44	18,945 30
La Crosse & S. E.....	90 78	30 00	.....	3,086 62
Lake Superior T. & T..	1,163 79	.....	.....	19,537 63
Laona & Northern .....	.....	.....	.....	2,294 45
Marathon Co. R'y Co....	.....	.....	.....	9,397 07
Marinette, T. & W.....	.....	.....	.....	12,301 90
Mineral Point & N.....	137 40	.....	.....	.....
M., St. P. & S. S. M....	06	10,150 53	.....	1,368,438 35
Northern Pacific	110,218 95	23,536 34	10,824 43	8,537,408 60
N. W. Coal R'y Co.....	.....	.....	.....	3,089 59
Oshkosh Transp. Co.....	.....	.....	.....	.....
R. L. & V. Co., L. R'y	827 01	.....	.....	827 01
Robbins R'y Co.....	22,731 00	.....	.....	2,731 00
Stanley, Merrill & P....	31,376 53	.....	.....	31,271 60
Superior & S. E.....	3,683 78	.....	.....	4,383 78
Tomahawk & Eastern ..	.....	.....	.....	465 28
Whitcomb & Morris....	.....	.....	.....	22 85
Winona Bridge R'y Co..	.....	.....	.....	.....
Wisconsin Central	2,762 69	6,373 00	226 08	1,051,146 32
Wisconsin & Michigan..	1,008 75	.....	.....	42,704 72
Wisconsin & Northern ..	.....	.....	.....	615 90
Wisconsin, Ruby & S..	.....	.....	.....	.....
Waupaca-Green Bay .....	.....	.....	.....	363 05
Wisconsin Northwestern	.....	.....	.....	6,845 61
Mattoon Ry. Co.....	181 97	.....	.....	2,896 32
Total	\$621,719 81	\$328,006 34	\$139,408 57	\$58,061,495 87

¹ Includes \$153,312.82, insurance.

² Not itemized.

WHOLE LINE, 1908—Continued.

Traffic Expenses.

Superintendence.	Outside agencies.	Advertising.	Traffic associations.	Fast freight line.
\$300 00				
		\$10 80		
242,749 66	\$585,355 74	334,085 54	\$28,981 25	
252,446 49	456,400 21	228,476 99	18,579 51	
64,670 48	114,962 48	24,243 05	5,903 68	
402,946 57	673,447 96	233,135 49	50,285 82	
11,546 51		128 33	47 19	
247 00		8 00		
32,774 22	39,632 19	5,641 82	171 72	\$366 16
160,100 69	360,181 00	90,639 00	7,845 46	
1,900 43	300 00	400 20	119 50	
325,967 31	507,337 18	113,821 14	35,838 91	1,073 10
600 00				
1,451 30		79 03		
485 45		8 57		
600 00		49 90		
59,192 32	107,327 09	25,874 42	2,352 41	7,323 50
184,077 33	383,638 38	138,675 05	18,278 25	
1,143 25		7 50	28 07	
55,012 05	164,878 31	14,289 69	1,608 91	
1,725 03	2,931 21	554 16		
\$1,799,936 12	\$3,396,421 75	\$1,210,128 73	\$170,100 68	\$8,702 73

* Includes \$1,355.16 for "Equipment Borrowed, Dr."

OPERATING EXPENSES,

Traffic Expenses—Concluded.

Name of Company.	Industrial and immigration bureau.	Stationery and printing.	Other expenses.	Total.
Abbotsford & N. E.				
Ahnapee & Western		\$31 09		\$331 09
Ashland, Odanah & M.				
Bayfield Transfer		50		11 39
Big Falls Ry. Co.				
Chi., Milw. & St. Paul.	\$7,404 53	81,149 76	\$1,956 53	1,281,688 01
Chicago & N. W.	2,960 68	121,696 15		1,080,580 08
C., St. P., M. & O.		26,124 66	50 20	235,954 55
Chicago, Burl. & Q.	13,836 16	155,318 65	6,524 00	1,535,494 65
Chicago, L. S. & E.		1,724 46	4 88	13,451 37
Chicago, Harv. & G. L.		13 99	10 10	279 09
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		6,663 82	24 19	85,274 12
Dunbar & Wausaukee				
Fairchild & N. E.			8 25	8 25
Great Northern	35,769 08	51,306 43	18,365 96	724,207 67
Green Bay & Western		1,584 67	30 23	4,335 03
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	17,374 16	198,912 75	7,091 91	1,207,476 46
Iola & Northern		5 00		5 00
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.		62 28		662 28
La Crosse & S. E.		128 87	25 70	1,684 93
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.		198 26	24 32	716 53
Mineral Point & N.		27 25		677 15
M., St. P. & S. S. M.	6,214 31	23,191 31		231,475 36
Northern Pacific	33,982 39	48,605 05	553 55	807,840 00
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		196 37		1,375 19
Superior & S. E.				
Tomahawk & Eastern			193 31	193 31
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,221 28	15,322 20	240 31	252,572 75
Wisconsin & Michigan		1,093 62	28	6,304 33
Wisconsin & Northern			101 46	101 46
Wisconsin, Ruby & S.				
Waupaca-Green Bay			163 04	163 04
Wisconsin N. W.				
Mattoon Ry. Co.				
Total	\$118,782 59	\$733,357 19	\$35,368 22	\$7,472,858 04

¹ Includes station supplies, yardmen, etc.

WHOLE LINE, 1908—Continued.

Transportation Expenses.

Superintendence.	Dispatching trains.	Station employees.	Weighing and car service associations.	Coal, ore and other docks.	Station supplies and expenses.
		\$1,810 23	\$23 16		\$68 88
\$423 75		4,044 00			350 39
736 85	\$495 51	557 60			4 05
		572 29			
325,568 45	296,780 80	3,040,891 49	82,833 47	\$25,791 52	210,548 80
376,205 98	238,784 09	3,283,852 51	83,807 87	115,786 00	247,340 18
65,015 86	72,801 07	693,050 32	28,707 68		49,655 57
508,096 99	470,323 39	3,618,109 78	97,359 47		209,483 87
30,592 45	3,140 43	66,053 07	20,298 34		7,241 61
1,022 00	200 00	112 50	55 00		
1,200 00		120 00			
16,242 95	16,588 41	132,066 07	1,592 75	34,837 55	9,535 27
		780 00			
900 00		1,137 70			
394,360 55	192,070 14	1,763,292 98	45,557 51		160,197 71
2,743 58	2,050 00	24,626 52	463 45		1,771 31
		611 00			
		803 75			
480,123 75	245,412 88	3,212,161 01	81,982 09		241,321 49
		451 40			30 11
1,146 00	420 00	5,204 25			168 95
2,591 23		2,333 84			66 52
855 31		5,820 00	27 22		1,536 15
478 32		1,154 51	44 59		207 96
600 00	355 00	2,531 07			724 35
75,603 23	45,817 95	401,534 22	8,364 22	29,712 21	37,432 27
318,266 99	481,438 09	2,676,661 37	44,986 19		164,593 51
		580 62	60 00		50
1,500 00					
1,201 33		1,392 63			230 23
1,320 00					
	141 23	1347 51			
227 50					
60,545 69	41,810 42	395,301 21	10,463 29	21,844 86	35,904 87
2,079 63	1,868 42	8,486 15	135 52		1,338 47
		23,920 80			
		374 33			117 41
290 00		700 00			23 40
\$2,669,937 44	\$2,110,497 83	\$19,350,937 73	\$506,856 82	\$228,002 14	\$1,379,873 83

* Station service.

OPERATING EXPENSES.

Transportation Ex

Name of Company.	Yardmasters and their clerks.	Yard conductors and brakemen.	Yard, switch and signal tenders.	Yard supplies and expenses.
Abbotsford & N. E.....				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul.....	\$174,732 16	\$1,237,507 11	\$100,301 80	\$11,910 20
Chicago & N. W.....	287,837 57	1,167,365 13	67,326 34	9,775 49
C., St. P., M. & O.....	40,465 57	230,554 96	5,256 19	1,594 79
Chicago, Burl. & Q.....	417,055 56	1,321,142 37	97,805 07	24,283 11
Chicago, L. S. & E.....	45,761 70	293,972 93	7,056 03	832 99
Chicago, Harv. & G. L.				
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl... ..	5,348 49	48,507 99	6,613 49	1,505 13
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern	177,787 37	537,444 24	47,406 91	6,274 17
Green Bay & Western ..		3,382 88		11 57
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	368,859 71	1,084,054 29	53,883 63	17,008 94
Iola & Northern				
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....		1,445 76		3 60
La Crosse & S. E.....				24 88
Lake Superior T. & T.....	2,447 72	29,433 82	4,603 63	308 33
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				
Mineral Point & N.....		63 81		
M., St. P. & S. S. M.....	26,665 87	73,169 98	6,837 62	941 76
Northern Pacific	197,138 18	870,864 31	56,599 68	18,867 72
N. W. Coal Ry. Co.....	1,200 00	2,810 47	1,448 11	59 44
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....		1,864 45		130 34
Superior & S. E.....				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.....				
Wisconsin Central	17,321 84	115,286 16	4,531 99	819 41
Wisconsin & Michigan				4 64
Wisconsin & Northern				
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	\$1,762,641 74	\$7,018,870 66	\$459,675 49	\$94,356 51

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Operating joint yards and termi- nals—Dr.	Operating joint yards and termi- nals—Cr.	Motormen.	Road enginemen.
Abbotsford & N. E.....				\$1,658 96
Ahnapee & Western				2,667 06
Ashland, Odanah & M.....				5,551 53
Bayfield Transfer				2,165 03
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul.....	\$515,942 66	\$150,784 58		2,617,197 27
Chicago & N. W.....	237,091 26	85,512 71		3,094,710 85
Chi., St. P., M. & O.....				612,799 43
Chicago, Burl. & Q.....	513,668 06	182,740 34		2,981,642 85
Chicago, L. S. & E.....	10,639 80			94,522 96
Chicago, Harv. & G. L.....			\$2,287 25	
Chicago & Lake Sup.....				720 00
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				1,634 95
Duluth, S. S. & Atl.....	29,172 62	6,769 03		157,754 00
Dunbar & Wausaukee				1,064 20
Fairchild & N. E.....				2,407 49
Great Northern	296,713 63	86,646 22		1,880,719 69
Green Bay & Western	2,475 68			27,809 67
Hawthorne, Nebag. & S.....				349 83
Hazelhurst & S. E.....				2,242 05
Hillsboro & N. E.....				723 50
Illinois Central	176,650 30	327,688 58		2,407,904 80
Iola & Northern				1,039 21
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....				5,332 20
La Crosse & S. E.....				3,521 11
Lake Superior T. & T.....	771 13	310 64		
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				4,173 20
Mineral Point & N.....	3,886 93			3,266 85
M., St. P. & S. S. M.....	119,407 12	3,208 89		468,200 83
Northern Pacific	321,761 12	235,430 24		2,403,054 64
N. W. Coal Ry. Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				3,022 13
Stanley, Merrill & P.....	572 15			3,521 80
Superior & S. E.....				3,202 33
Tomahawk & Eastern				396 34
Whitcomb & Morris				1,350 00
Winona Bridge Ry. Co.....				
Wisconsin Central	95,125 42	22,275 99		332,415 83
Wisconsin & Michigan	3,634 68			13,183 43
Wisconsin & Northern				4,118 15
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				619 50
Wisconsin N. W.....				
Mattoon Ry. Co.....				3,755 07
Total	\$2,327,512 61	\$1,101,367 22	\$2,287 25	\$17,150,418 84

WHOLE LINE, 1908—Continued.
 expenses—Continued.

Enginehouse expenses—road.	Fuel for road locomotives.	Water for road locomotives.	Lubricants for road locomotives.	Other supplies for road locomotives.	Operating power plants.
\$555 08	\$2,841 98	\$35 35	\$25 83	\$12 77	.....
513 54	4,800 00	66 40	78 04	46 81	.....
955 04	5,284 26	1,027 79	267 37	57 72	.....
594 36	2,259 33	46 14	27 03	6 91	.....
.....
723,172 15	4,772,344 39	184,447 12	76,823 25	79,493 93	.....
946,610 31	5,355,061 82	297,499 21	94,984 79	96,573 59	.....
194,127 84	1,279,400 34	47,485 75	14,273 24	12,080 92	.....
770,494 36	5,297,573 81	279,918 18	97,426 53	133,077 34	.....
15,290 73	124,319 83	1,803 99	4,351 17	1,831 61	.....
.....
480 00	1,456 41	57 40	94 03	.....	\$7,576 00
.....	3,555 63	.....	.....	.....	.....
.....	1,798 74	.....	104 74	37 11	.....
.....
38,723 65	300,024 44	11,228 99	3,287 90	4,980 86	.....
.....	8,668 85	.....	.....	.....	.....
.....	4,451 53	64 56	.....	.....	.....
534,464 41	4,752,759 72	157,434 92	80,965 10	94,633 95	.....
6,091 92	54,785 35	1,393 11	790 14	515 06	.....
.....
182 90	1,019 53	.....	.....	.....	.....
.....	4,692 58	.....	124 13	44 42	.....
.....	1,405 50	108 00	.....	60 35	.....
702,495 29	3,311,104 39	219,774 38	100,216 01	70,053 80	.....
552 30	1,209 00	60 00	33 53	33 41	.....
.....
1,099 00	8,165 00	125 00	111 26	86 22	.....
1,145 29	12,272 71	273 45	194 52	9 81	.....
.....	3,018 20	.....	131 25	.....	.....
.....
1,123 30	10,400 31	89 17	121 99	26 09	.....
1,737 90	8,623 99	158 84	305 95	293 30	.....
182,458 91	1,167,772 08	48,793 51	22,565 60	25,097 72	.....
693,346 61	5,166,031 86	228,891 59	92,788 16	33,615 73	.....
.....
.....	1,506 60	.....	.....	.....	.....
720 00	7,934 74	.....	.....	.....	.....
1,667 63	9,785 01	421 41	156 02	92 41	.....
.....	6,534 42	.....	.....	.....	.....
.....	528 27	.....	.....	469 07	.....
225 00	.....	.....	.....	30 00	.....
.....
61,674 32	600,458 32	26,147 63	10,470 40	10,137 12	.....
.....
3,493 46	34,666 44	1,402 67	546 15	251 02	.....
.....	6,378 82	.....	1,194 33	.....	.....
.....
261 64	1,010 94	.....	76 90	9 58	.....
.....	7,754 94	.....	.....	.....	.....
.....	3,477 53	307 50	98 46	17 38	.....
.....
\$4,384,762 44	\$32,342,147 61	\$1,509,062 06	\$602,633 87	\$613,696 06	\$7,576 00

OPERATING EXPENSES,
Transportation

Name of Company.	Road Train- men.	Train supplies and expenses.	Interlockers and block and other signals— operation.
Abbotsford & Northeastern	\$1,360 87	\$51 79	.....
Alnapee & Western	2,276 06	1,063 22	.....
Ashland, Odanah & Marengo	4,154 67	466 40	.....
Bayfield Transfer	1,373 99	51 94	.....
Big Falls R'y Co. ....	.....	.....	.....
Chicago, Milwaukee & St. Paul..	2,846,152 46	653,413 27	\$118,235 68
Chicago & Northwestern	3,505,598 80	373,245 48	253,002 41
Chicago, St. P., Mpolis & Omaha	658,276 84	183,846 94	13,581 07
Chicago, Burlington & Quincy	2,803,803 19	1,155,111 33	53,768 24
Chicago, Lake Shore & Eastern..	85,408 40	13,222 80	55 09
Chicago, Harv. & Geneva Lake..	2,810 55	141 75	.....
Chicago & Lake Superior	480 00	.....	.....
Chippewa River & Northern .....	.....	.....	.....
Chippewa Valley & Northern .....	.....	.....	.....
Drummond & Southwestern	780 61	6 52	.....
Duluth, South Shore & Atlantic..	184,720 49	31,372 21	1,533 07
Dunbar & Wausaukee	2,379 75	710 43	.....
Fairchild & Northeastern	623 00	.....	.....
Great Northern	1,844,522 46	672,930 33	63 687 10
Green Bay & Western	24,347 78	4,432 04	.....
Hawthorne, Nebag. & Superior..	286 99	.....	.....
Hazelhurst & Southeastern	2,751 95	192 53	.....
Hillsboro & Northeastern	1,152 87	.....	.....
Illinois Central	2,506,761 91	925,464 32	145,957 43
Iola & Northern	900 00	117 83	.....
J. R. Davis Lumber Co., Log R'y	.....	.....	.....
Kewaunee, Green Bay & Western	4,997 08	1,293 63	.....
La Crosse & Southeastern	2,234 52	742 80	.....
Lake Sup. Terminal & Transfer..	.....	.....	.....
Laona & Northern	3,699 95	.....	.....
Marathon County R'y Co. ....	.....	.....	.....
Marinette, Tomahawk & Western	2,376 02	427 95	.....
Mineral Point & Northern	3,443 32	65 31	.....
Mpolis, St. P. & Sault Ste. M....	500,735 31	172,472 19	17,411 31
Northern Pacific	2,363,079 40	956,177 00	30,143 22
Northwestern Coal R'y Co. ....	.....	.....	.....
Oshkosh Transportation Co. ....	.....	.....	.....
Roddis L. & V. Co., Log. R'y....	1,632 91	.....	.....
Robbins R'y Co. ....	.....	.....	.....
Stanley, Merrill & Phillips	3,676 77	1,021 49	.....
Superior & Southeastern	2,008 00	.....	.....
Tomahawk & Eastern	226 23	94 18	.....
Whitcomb & Morris .....	.....	.....	.....
Winona Bridge R'y Co. ....	.....	.....	.....
Wisconsin Central	405,603 36	74,082 28	16,654 64
Wisconsin & Michigan	15,277 11	2,090 02	1,141 97
Wisconsin & Northern	4,123 89	1 55	.....
Wisconsin, Ruby & Southern .....	.....	.....	.....
Waupaca-Green Bay	376 69	1 25	.....
Wisconsin Northwestern	4,074 28	.....	.....
Mattoon R'y. Co.	5,218 07	11 45	.....
Total	\$17,806,707 58	\$5,724,325 28	\$715,174 23

REPORT OF THE RAILROAD COMMISSION.

WHOLE LINE, 1908.

Expenses—Continued.

Crossing flagmen and gatemen.	Drawbridge operation	Clearing wrecks.	Telegraph and telephone operation.	Operating floating equipment.
	\$762 55		\$91 50	
		\$6 00		
\$179,482 57	33,516 91	68,160 89	39,395 79	
275,638 00	23,530 21	82,838 51		
11,849 24	3,580 49	9,421 69	28,154 67	
110,373 37	11,902 44	87,835 32	290,461 48	
7,144 96	2,401 68	7,980 27	8,054 60	
			12 95	
8,920 70		2,053 10	169 82	
19,958 73	6,887 10	122,303 13	283,210 91	
1,265 37		398 24	477 26	
		14 32		
87,770 87	12,119 69	84,253 60	169,320 39	\$20,711 92
			36 00	
	508 26		79 50	
72 50		238 14	25 95	
			25 00	
			6 17	
3,246 08	1,265 85	43 76	355 50	
53,692 27	22,320 70	13,081 85	30,987 53	
		152,968 49	132,937 67	41,879 42
		40 10		
		20 35		
19,767 84	1,597 93	15,940 17	8,504 69	
	4,114 31			
		95 83	9 83	
\$779,192 19	\$124,517 12	\$647,728 79	\$1,001,319 24	\$62,591 34

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Stationery and printing.	Other expenses.	Loss and damage— freight.	Loss and damage—bag- gage.
Abbotsford & N. E.....	\$108 56	.....	\$64 24	.....
Ahnapee & Western	185 83	\$19 38	202 45	.....
Ashland, Odanah & M.....	36 88	131 15	.....	.....
Bayfield Transfer	76 96	.....	.....	.....
Big Falls Ry. Co.....	.....	3,589 82	.....	.....
Chi., Milw. & St. Paul..	152,181 69	43,799 83	742,067 25	\$6,495 19
Chicago & N. W.....	171,428 85	97,544 51	706,341 15	10,922 91
Chi., St. P., M. & O.....	49,544 22	27,630 46	110,948 83	1,175 08
Chicago, Burl. & Q.....	170,868 64	110,874 34	1,185,227 58	10,255 46
Chicago, L. S. & E.....	7,925 05	1,533 97	1,727 60	.....
Chicago, Harv. & G. L..	261 95	611 31	10 31	.....
Chicago & Lake Sup.....	23 46	43 91	10 53	.....
Chippewa R. & N.....	.....	3,170 73	.....	.....
Chippewa V. & N.....	19 00	6,837 18	.....	.....
Drummond & S. W.....	.....	.....	.....	.....
Duluth, S. S. & Atl.....	10,411 82	5,438 89	7,620 12	105 89
Dunbar & Wausaukee ..	87 97	.....	.....	.....
Fairchild & N. E.....	156 86	70 25	172 33	.....
Great Northern	88,798 52	114,958 41	461,268 91	5,090 76
Green Bay & Western ..	2,253 71	255 58	2,293 61	.....
Hawthorne, Nebag. & S.....	.....	167 13	.....	.....
Hazelhurst & S. E.....	27 70	.....	.....	.....
Hillsboro & N. E.....	165 70	387 88	46 18	.....
Illinois Central	187,680 72	100,071 96	887,154 10	3,653 44
Iola & Northern	51 70	.....	.....	.....
J. R. D. L. Co., L. Ry.....	.....	.....	.....	.....
Kewaunee, G. B. & W.....	271 11	.....	475 24	.....
La Crosse & S. E.....	320 20	3,172 41	313 59	3 00
Lake Superior T. & T.....	293 45	2,483 77	59 76	5 00
Laona & Northern .....	.....	257 51	.....	.....
Marathon Co. Ry. Co.....	.....	6,388 57	.....	.....
Marinette, T. & W.....	185 34	.....	26 77	.....
Mineral Point & N.....	365 37	3 15	60 53	10 00
M., St. P. & S. S. M.....	16,731 75	12,623 30	110,024 93	1,607 86
Northern Pacific	99,416 10	22,312 08	869,519 08	18,475 87
N. W. Coal Ry. Co.....	.....	.....	.....	.....
Oshkosh Transp. Co.....	.....	.....	.....	.....
R. L. & V. Co., L. Ry.....	.....	.....	.....	.....
Robbins Ry. Co.....	.....	.....	.....	.....
Stanley, Merrill & P.....	438 48	28 15	5 19	.....
Superior & S. E.....	.....	1,148 06	2 18	.....
Tomahawk & Eastern ..	62 71	.....	113 57	.....
Whitcomb & Morris .....	.....	.....	.....	.....
Winona Bridge Ry. Co.....	.....	.....	.....	.....
Wisconsin Central	23,656 58	5,445 70	66,958 79	323 87
Wisconsin & Michigan ..	2,115 52	3,218 04	404 42	5 00
Wisconsin & Northern ..	.....	271 53	.....	.....
Wisconsin, Ruby & S.....	.....	.....	.....	.....
Waupaca-Green Bay	63 78	149 42	.....	.....
Wisconsin N. W.....	.....	.....	.....	.....
Mattoon Ry. Co.....	.....	19 40	23 53	.....
Total	\$986,161 18	\$574,657 78	\$5,103,015 67	\$58,129 33

¹ Credit.

REPORT OF THE RAILROAD COMMISSION.

WHOLE LINE, 1908—Continued.

penses—Concluded.

Damage to property.	Damage to stock on right of way.	Injuries to persons.	Operating joint tracks and facilities—Dr.	Operating joint tracks and facilities—Cr.	Total.
.....	\$5 16	.....	.....	.....	\$8,122 86
.....	119 27	\$4,805 65	.....	.....	17,589 98
\$14 49	5 50	104 50	.....	.....	24,513 20
.....	.....	.....	.....	.....	7,304 47
.....	.....	.....	.....	.....	3,589 82
61,436 49	22,991 69	438,222 51	\$44,069 39	\$18,563 43	21,360,567 41
133,012 93	31,826 90	594,115 63	13,823 40	2,793 45	24,635,180 45
8,102 95	5,649 74	81,534 17	201,897 05	206,972 08	4,873,235 65
184,545 74	69,368 84	440,465 28	60,154 36	75,184 50	25,183,243 51
9,139 24	698 70	38,938 44	77,577 18	105 89	1,372,115 75
31 41	.....	.....	.....	.....	15,133 58
.....	.....	.....	28 20	.....	4,713 94
.....	.....	.....	.....	.....	3,170 73
.....	.....	.....	.....	.....	10,411 81
.....	.....	.....	.....	.....	4,362 67
751 09	989 61	4,944 74	151 77	.....	1,136,354 05
.....	.....	.....	.....	.....	8,691 20
.....	.....	.....	.....	.....	9,986 71
157,593 18	107,065 10	597,367 85	17,562 63	17,213 07	16,561,207 33
45 00	80 00	2,616 65	1,253 21	.....	176,069 47
.....	.....	.....	.....	.....	2,006 38
.....	.....	.....	.....	.....	10,700 63
90,365 90	140,529 48	356,272 59	35,004 63	87,194 70	4,853 73
.....	.....	.....	.....	.....	19,489,219 53
.....	.....	.....	.....	.....	4,514 40
.....	57 00	7 50	.....	.....	33,372 12
.....	112 50	1 50	.....	.....	29,363 07
419 96	.....	7,336 31	.....	.....	102,933 35
.....	.....	.....	.....	.....	7,106 91
.....	.....	5 00	.....	.....	6,388 57
.....	3 78	25 54	39 60	.....	20,846 69
34,831 31	16,760 42	126,561 76	17,616 05	.....	27,086 30
176,934 63	106,297 54	719,431 74	2,231 54	41,290 27	3,953,951 72
76 61	.....	.....	.....	.....	20,700,653 10
.....	.....	.....	.....	.....	11,405 20
.....	.....	.....	.....	.....	3,835 98
.....	23 00	425 00	.....	.....	13,176 92
.....	.....	.....	.....	.....	36,461 86
.....	.....	.....	145 55	.....	14,210 04
.....	.....	.....	.....	.....	2,417 90
.....	.....	.....	.....	.....	1,605 00
2,358 93	3,338 97	35,132 41	16,096 19	1,825 43	2,760,303 82
.....	.....	.....	.....	1,323 75	.....
.....	68 48	70 58	.....	.....	95,773 79
.....	.....	.....	.....	.....	20,009 12
.....	.....	.....	.....	.....	3,031 44
203 51	164 00	400 00	.....	.....	11,829 22
.....	.....	.....	.....	.....	14,703 20
\$859,853 42	\$507,142 14	\$3,448,835 35	\$487,650 85	\$452,466 57	\$142,797,831 52

OPERATING EXPENSES,
General

Name of Company.	Salaries and expenses of general officers.	Salaries and expenses of clerks and attendants.	General office supplies and expenses.	Law expenses.
Abbotsford & N. E.....	\$1,380 00		\$28 22	
Ahnapee & Western	1,115 23	\$597 50		\$170 00
Ashland, Odanah & M....	923 29	1,148 14		20 00
Bayfield Transfer	2,353 50	450 00	152 37	
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul..	172,606 72	354,212 79	45,485 45	177,754 74
Chicago & N. W.....	173,479 50	456,304 85	85,945 91	166,860 67
C., St. P., M. & O.....	80,519 41	126,969 62	15,027 55	31,886 01
Chicago, Burl. & Q.....	204,357 74	1,008,737 80	54,848 89	318,998 43
Chicago, L. S. & E.....	18,514 52	16,375 09	5,788 81	14,470 82
Chicago, Harv. & G. L..	351 94		27 42	
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....	250 00			
Drummond & S. W.....		200 00	30 95	
Duluth, S. S. & Atl.....	22,287 05	30,752 07	3,068 81	7,884 44
Dunbar & Wausaukee				
Fairchild & N. E.....			9 00	
Great Northern	145,739 56	338,732 13	20,704 83	168,952 60
Green Bay & Western ..	12,800 24	6,846 96	749 25	1,866 96
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	116,784 42	522,493 06	65,643 32	227,968 88
Iola & Northern	15 23			
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	3,863 03	1,560 00	108 00	89 67
La Crosse & S. E.....	1,047 07	1,114 28	243 03	18 16
Lake Superior T. & T....	680 00	3,052 99	78 40	2,870 20
Laona & Northern	1,200 00	800 00	233 27	
Marathon Co. Ry. Co....				
Marinette, T. & W.....	800 00	817 95	53 23	55 72
Mineral Point & N.....	4,030 04	1,455 00	628 54	219 15
M., St. P. & S. S. M....	61,004 90	79,057 35	12,345 27	31,427 44
Northern Pacific	147,691 30	400,191 06	27,751 53	166,199 53
N. W. Coal Ry. Co.....	1,500 00			166 05
Oshkosh Transp. Co.....	997 96		110 00	
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & P.....	1,323 55	1,200 00	177 30	340 05
Superior & S. E.....				300 00
Tomahawk & Eastern				
Whitcomb & Morris	200 00			
Winona Bridge Ry. Co..		300 00		
Wisconsin Central	65,353 63	59,402 71	47,742 55	32,734 74
Wisconsin & Michigan ..	2,968 87	2,719 84	1,218 38	925 61
Wisconsin & Northern ..	3,797 97			
Wisconsin, Ruby & S..				
Waupaca-Green Bay				
Wisconsin N. W.....				
Mattoon Ry. Co.....	1,200 00	1,300 00	106 53	
Total	\$1,251,116 67	\$3,417,291 19	\$388,307 11	\$1,352,179 85

WHOLE LINE, 1908—Continued.
Expenses.

Insurance.	Relief department expenses.	Pensions.	Stationery and printing.	Other expenses.
\$205 00			\$18 72	
193 27			69 10	\$140 75
			36 76	99 60
			122 23	
				22 12
21,835 10		\$116,268 06	49,939 57	23,502 16
		4,833 77	43,984 67	40,233 29
1,186 37	\$79,662 72		10,874 91	4,309 93
J.157 46			50,752 70	51,279 98
			1,955 10	989 81
932 99			26 57	
				2,807 34
50 36		385 00	3,849 72	2,572 32
88 49		509 70	42,839 76	446 72
			501 65	34,688 81
				654 03
90 45			94 73	
1,200 00		62,086 53	52,148 12	67,724 71
			38 70	60 50
246 06			133 85	115 90
192 72			216 44	60 00
			243 33	
668 68				858 21
287 49			29 40	3 00
32,476 80			309 33	
165,557 08			8,491 88	5,900 19
			43,030 45	98,599 64
567 56			8 00	2 23
				2 00
2,063 74			148 31	
160 63			16 00	954 41
				312 83
19,454 11			10,473 47	2 80
				8,962 11
150 00			891 44	36 11
				412 06
				2,516 28
			124 63	
\$256,833 36	\$79,662 72	\$184,173 06	\$321,489 54	\$348,299 82

OPERATING EXPENSES,

Name of Company.	General expenses—concluded.			Recapitu-
	General ad- ministration, joint tracks, yards and terminals —Dr.	General ad- ministration, joint tracks, yards and terminals —Cr.	Total.	Maintenance of way and structures.
Abbotsford & N. E.....			\$1,426 94	\$18,827 74
Ahnapee & Western.....			2,297 58	17,445 95
Ashland, Odanah & M.			2,421 06	19,342 23
Bayfield Transfer			3,073 10	6,272 58
Big Falls Ry. Co.....			23 12	2,373 85
Chi., Milw. & St. P.....	\$16,279 61	\$753 63	839,027 41	6,642,820 34
Chicago & Northwestern	2,931 27		1,107,873 32	7,978,438 62
Chi., St. P., M. & O....	3,319 78	31 29	277,709 99	1,632,754 83
Chi., Burlington & Q...	15,910 93	2,926 96	1,792,806 55	14,397,928 69
Chi., Lake Shore & E...	158 19		67,439 80	387,488 68
Chi., Harv. & Geneva L.			1,338 92	5,577 50
Chi., & Lake Superior..				1,075 75
Chippewa R. & Northern			2,807 34	2,774 97
Chippewa V. & Northern			250 00	
Drummond & S. W.....			230 95	6,893 23
Dul., S. S. & Atlantic..	477 87		71,327 64	561,404 05
Dunbar & Wausaukee...				9,419 64
Fairchild & N. E.....			455 72	6,475 90
Great Northern	5,561 13	1,863 74	756,073 85	9,600,617 98
Green Bay & Western..	76 09		23,495 13	111,597 69
Haw., Nebag. & Sup...				115 57
Hazelhurst & S. E.....			194 18	1,382 36
Hillsboro & N. E.....				2,370 75
Illinois Central	12,425 11		1,128,474 15	6,758,172 57
Iola & Northern.....			114 43	1,355 07
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..			5,870 43	24,160 38
La Crosse & S. E.....			2,385 04	9,612 50
Lake Superior T. & T..			6,964 92	22,320 39
Laona & Northern.....			2,425 99	1,904 44
Marathon Co. Ry. Co...			853 21	4,150 80
Marinette, T. & W.....			2,427 98	8,522 76
Mineral Point & N.....			7,019 55	11,253 31
M., St. P. & S. Ste. M.	781 97		231,485 89	1,295,736 06
Northern Pacific	8,555 45	55 15	1,057,520 89	8,761,610 61
N. W. Coal Ry. Co.....			2,243 84	5,305 13
Oshkosh Trans. Co.....			1,109 96	2,743 77
R. L. & V. Co., L. Ry.				679 98
Robbins Ry. Co.....				11,769 66
Stanley, Merrill & Phil.			5,252 95	24,835 03
Superior & Southeastern			1,431 04	7,461 51
Tomahawk & Eastern..			312 83	2,793 41
Whitcomb & Morris...			200 00	1,941 00
Winona Bridge Ry. Co...		302 80		
Wisconsin Central			244,152,32	321,966 38
Wisconsin & Michigan.			8,700 25	29,721 88
Wisconsin & Northern..			4,360 03	3,173 48
Wis., Ruby & Southern				
Waupaca-Green Bay				796 63
Wisconsin Northwestern			2,516 28	2,931 30
Mattoon Ry. Co.....			3,231 16	6,201 68
Total	\$66,477 45	\$5,953 57	\$7,659,897 30	\$59,224,563 12

WHOLE LINE, 1908—Concluded.

lation of expenses.					
Maintenance of equipment.	Traffic expenses.	Transportation expenses.	General expenses.	Grand total.	Percentage of operating expenses to revenue.
\$1,028 30		\$8,122 86	\$1,426 94	\$29,405 84	98.94
5,877 69	\$331 09	17,589 98	2,297 58	43,542 29	54.92
10,388 72		24,513 20	2,421 06	56,600 21	124.01
1,554 04	11 39	7,304 47	3,078 10	18,220 58	93.90
1,101 90		3,589 82	22 12	7,087 69	77.41
7,039,270 26	1,281,683 01	21,360,567 41	839,027 41	37,168,368 43	65.25
6,839,241 21	1,080,580 03	24,635,180 45	1,107,873 32	41,641,313 63	65.57
1,532,834 65	235,954 55	4,873,235 65	277,709 99	8,542,489 67	66.40
12,368,932 08	1,535,494 65	25,183,243 51	1,782,808 55	55,263,407 48	71.09
1,135,081 50	13,451 37	1,372,115 75	67,439 80	2,975,577 10	68.42
3,553 12	279 09	15,133 58	1,338 92	25,882 21	81.82
488 50		4,713 94		6,278 19	109.06
595 07		3,170 73	2,807 34	9,348 11	81.82
3,191 04		10,411 81	250 00	13,852 85	115.25
4,222 12		4,363 67	230 95	15,708 97	
351,854 83	85,274 12	1,136,354 05	71,324 64	2,206,214 09	75.51
717 38		8,691 20		18,828 22	62.73
1,061 38	8 25	9,986 71	455 72	17,988 05	96.70
8,225,493 41	724,207 67	16,561,207 83	756,073 35	35,867,600 24	66.34
102,288 35	4,335 03	176,063 47	23,495 18	417,785 72	69.47
726 44		2,006 38		2,848 39	30.15
1,029 07		10,700 68	194 18	13,306 29	73.18
634 45		4,853 73		7,858 93	57.40
9,310,136 11	1,207,476 46	12,489,219 53	1,128,474 15	37,893,478 32	71.54
1,425 79	5 00	4,514 49	114 43	7,414 78	109.85
18,945 30	602 28	33,372 12	5,870 43	83,010 51	65.34
3,086 62	1,684 93	29,363 07	2,885 04	46,632 16	68.31
19,537 63		102,983 35	6,964 92	151,756 29	401.80
2,294 45		7,106 01	2,425 99	13,731 79	74.14
		6,388 57	838 21	11,406 58	87.00
9,397 07	716 53	20,846 69	2,427 98	41,911 63	87.26
12,301 90	677 15	27,086 30	7,019 55	58,338 21	79.85
1,368,438 35	231,475 36	3,953,951 72	231,485 80	7,081,117 29	64.29
8,537,408 60	807,840 00	20,700,653 30	1,057,520 89	39,865,083 30	58.42
3,080 59		11,405 20	2,243 84	22,043 76	94.70
			1,109 96	3,853 73	
827 01		3,835 95		5,342 97	100.00
2,731 00		13,176 92		27,677 58	92.64
31,271 60	1,375 19	36,461 86	5,252 95	99,196 63	80.64
4,383 78		14,210 04	1,431 04	27,486 37	73.30
465 28	193 31	2,417 90	312 83	6,182 73	43.64
22 85		1,605 00	200 00	3,768 85	128.00
1,051,146 83	252,572 75	2,760,803 82	244,153 32	5,130,643 09	70.21
42,704 72	6,304 33	95,773 79	8,760 25	183,264 97	80.94
615 90	101 46	20,009 12	4,360 03	28,264 99	81.31
363 06	163 04	3,061 44		4,384 17	83.59
6,845 61		11,829 22	2,516 28	24,122 91	63.57
2,896 32		14,709 30	3,231 16	27,083 46	76.21
\$58,061,495 87	\$7,472,858 04	\$142,797,861 52	\$7,659,897 20	\$275,216,675 75	66.56

CONDENSED COMPARATIVE GENERAL
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Assets.			
	Total cost of road and equipment.	Stocks, bonds and other permanent investments.	Supplies, cash and other current assets.	Profit and loss (deficit on June 30, 1908).
Abbotsford & N. E.....	\$232,000 00	.....	\$3,618 10	.....
Ahnapee & Western	834,500 00	.....	36,371 47	.....
Ashland, Odanah & M... ..	88,775 70	.....	15,416 34	\$ 835 83
Bayfield Transfer	3,423,473 51	.....	6,404 04	810,093 14
Big Falls R'y Co.....	2,500 00	.....	1,218 44	.....
C., M. & St. P.....	234,329,733 05	\$31,443,578 23	\$3,517,812 80	.....
Chicago & Northwestern	251,891,287 45	35,048,932 64	50,183,310 08	.....
C., St. P., M. & O.....	63,211,277 41	6,119,719 75	2,248,138 14	.....
Chi. Burl. & Quincy	358,832,115 23	17,708,595 61	27,030,693 50	.....
Chi., L. S. & Eastern... ..	11,753,442 85	50,000 00	3,314,038 71	.....
Chi., Harv. & G. Lake.. ..	329,920 54	.....	.....	25,505 00
Chicago & Lake Superior	18,000 00	.....	480 72	.....
Chip. River & Northern	.....	.....	.....	.....
Chip. Val. & Northern... ..	193,020 63	.....	683 95	.....
Drummond & S. W.....	203,733 35	.....	1,958 54	25,630 35
Duluth, S. S. & Atl.....	46,709,378 37	893,415 28	837,155 35	3,028,953 45
Duluth, Sup. & W. Ter.	4,318,648 19	.....	53,266 69	.....
Dunbar & Wausaukee... ..	.....	.....	.....	.....
Fairchild & N. E.....	.....	.....	.....	.....
Great Northern	291,414,415 34	204,053,781 40	28,529,250 32	.....
Green Bay & Western.. ..	10,037,087 50	97,318 00	241,257 13	.....
Hawth'ne, Neb. & Sup.	7,551 44	.....	95,971 69	.....
Hazelhurst & S. E.....	103,762 78	.....	4,937 22	.....
Hillsboro & N. E.....	.....	.....	.....	.....
Illinois Central	121,698,306 95	183,953,888 49	24,351,032 90	.....
Iola & Northern.....	71,000 00	.....	10,653 13	.....
J. R. D. L. Co., L. R'y	.....	.....	.....	.....
Kewaunee, G. B. & W... ..	1,121,725 00	.....	107,575 12	.....
La Crosse & S. E.....	825,625 16	25,000 00	75,015 62	18,517 50
Lake Sup. Ter. & Trans.	409,250 47	.....	37,238 73	.....
Laona & Northern.....	.....	.....	.....	.....
Marathon Co. R'y Co.....	.....	.....	.....	17,349 28
Marinette, Tom. & W... ..	533,500 12	.....	37,282 20	78,039 88
Mineral Pt. & Northern	972,241 90	17,430 00	15,990 12	.....
M., St. P. & S. Ste. M.	76,274,623 83	11,438,816 24	3,969,397 38	.....
Northern Pacific	378,781,651 71	132,761,726 80	82,129,043 46	.....
N. W. Coal R'y Co.....	239,987 47	843,394 00	70,467 60	68,977 73
Oshkosh Transport. Co.	70,000 00	.....	1,739 92	.....
R. L. & V. Co., L. R'y... ..	.....	.....	.....	.....
Robbins R'y Co.....	.....	.....	.....	.....
Stanley, Merrill & P....	605,130 83	35,698 40	8,852 04	.....
Superior & Southeastern	.....	.....	.....	.....
Tomahawk & Eastern... ..	.....	.....	8,008 03	.....
Whitcomb & Morris.....	11,949 40	.....	.....	.....
Winona Bridge R'y Co.. ..	789,304 63	.....	32,029 85	.....
Wisconsin Central	53,866,934 93	11,319,437 85	4,198,900 18	.....
Wisconsin & Michigan... ..	4,197,831 84	.....	844,169 49	82,488 96
Wisconsin & Northern... ..	1,268,474 92	624,000 00	49,620 77	1,353 62
Wis., Ruby & Southern	.....	.....	.....	.....
Mil., Bay View & Chi.. ..	100,000 00	.....	5,750 00	.....
Waupaca-Green Bay	110,075 42	.....	.....	11,144 58
Wisconsin Northwestern	314,437 93	.....	11,032 46	.....
Mattoon R'y Co.....	54,630 49	.....	7,482 65	.....
Total	\$1,950,848,423 55	\$339,432,792 69	\$319,521,502 61	\$4,168,393 81

¹ Includes \$62,881,835.97, subscriptions to new capital stock.

REPORT OF THE RAILROAD COMMISSION.

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BALANCE SHEET, WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Total assets.	Liabilities.				
	Capital stock.	Funded debt.	Other liabilities.	Profit and loss (surplus on June 30, 1908).	Total liabilities.
\$235,618 10	\$122,000 00	\$112,000 00	\$2,405 27	\$1,212 92	\$235,618 19
900,871 47	439,500 00	425,000 00	9,077 37	27,274 10	900,871 47
104,527 87	103,000 00	.....	4,527 87	.....	104,527 87
4,239,973 69	1,675,409 00	1,503,000 00	1,031,573 60	.....	4,239,973 69
3,718 44	1,000 00	2,500 00	.....	218 44	3,718 44
377,223,174 17	133,351,300 00	125,673,500 00	75,547,400 70	42,641,973 47	377,223,174 17
337,123,500 37	124,431,685 53	161,923,000 00	21,139,419 91	26,632,451 73	337,123,500 37
71,579,165 30	34,050,123 62	29,834,071 45	3,976,680 74	3,638,263 49	71,579,165 30
413,569,407 34	110,839,101 00	183,031,000 00	105,377,656 73	14,283,650 61	413,569,407 34
15,120,481 55	2,760,000 00	2,035,000 00	10,250,034 09	45,447 47	15,120,481 55
355,423 44	150,000 00	125,000 00	80,426 44	.....	355,423 44
18,480 72	18,000 00	.....	395 20	85 52	18,480 72
193,710 58	58,000 00	100,000 00	23,900 83	8,800 72	193,710 58
231,322 24	10,000 00	50,000 00	171,322 24	.....	231,322 24
51,498,922 45	22,000,000 00	23,477,013 35	6,021,909 10	.....	51,498,922 45
4,371,912 83	2,000,000 00	500,000 00	1,841,727 66	30,185 22	4,371,912 83
523,994,447 53	209,962,750 00	233,510,900 00	53,337,603 95	27,183,091 52	523,994,447 53
10,405,662 63	2,500,000 00	7,600,000 00	131,247 25	172,415 38	10,405,662 63
103,523 13	50,000 00	.....	.....	53,523 13	103,523 13
108,700 00	100,000 00	.....	.....	8,700 00	108,700 00
333,003,228 34	105,040,000 00	176,053,275 00	46,237,251 19	5,632,702 15	333,003,228 34
81,653 18	71,400 00	.....	1,684 19	8,538 90	81,653 18
1,229,300 12	664,950 00	408,000 00	62,603 11	93,747 01	1,229,300 12
944,158 37	105,400 00	750,000 00	88,758 37	.....	944,158 37
446,549 20	215,400 00	195,000 00	36,149 20	.....	446,549 20
588,221 60	161,500 60	.....	423,721 60	.....	588,221 60
1,083,704 99	550,000 00	450,000 00	83,704 99	.....	1,083,704 99
91,682,870 48	25,200,000 00	57,038,000 00	2,792,633 51	6,632,206 97	91,682,870 48
593,672,421 97	217,881,835 97	130,239,739 32	134,939,482 15	50,611,334 53	593,672,421 97
1,222,826 80	1,000,000 00	220,000 00	2,823 80	.....	1,222,826 80
71,739 92	70,000 00	.....	.....	1,739 92	71,739 92
649,681 30	100,000 00	500,000 00	40,736 17	8,945 13	649,681 30
8,006 03	1,000 00	.....	.....	7,006 03	8,006 03
11,949 40	10,000 00	.....	.....	1,949 40	11,949 40
821,334 51	400,000 00	381,600 00	447 62	36,885 80	821,334 51
69,385,272 99	30,000,000 00	31,510,105 00	2,616,227 83	2,258,940 16	69,385,272 99
5,124,490 29	951,500 00	2,401,000 00	1,771,990 29	.....	5,124,490 29
1,943,452 31	700,000 00	512,528 38	730,923 93	.....	1,943,452 31
105,750 00	100,000 00	.....	.....	5,750 00	105,750 00
121,220 00	60,920 00	60,000 00	300 00	.....	121,220 00
325,470 39	300,000 00	.....	492 59	24,977 80	325,470 39
62,113 14	4,000 00	.....	50,008 58	8,104 56	62,113 14
\$2,916,971,112 16	\$1,028,207,768 12	\$1,236,739,661 59	\$468,888,374 19	\$180,135,308 26	\$2,916,971,112 16

EMPLOYES AND SALARIES,

Paid by Roads Operating in Wisconsin as Reported to the

Name of Company.	General officers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	3			
Ahnapee & Western.....	5	700	\$1,400 00	\$2 00
Ashland, Odanah & Marengo.....	2	627	2,598 53	4 14
Bayfield Transfer.....	1	313	2,353 50	5 75
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....				
Chicago, St. Paul, Minneapolis & Omaha.....	3	1,095	11,774 77	10 75
Chicago, Burlington & Quincy.....	2	730	5,858 99	8 03
Chicago, Lake Shore & Eastern.....	5	24	266 16	11 09
Chicago, Harvard & Geneva Lake.....	1	182	600 00	3 28
Chicago & Lake Superior.....	1	313	1,200 00	3 80
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	1	100	250	2 50
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	5	936	1,309 00	1 39
Great Northern.....				
Green Bay & Western.....	5	1,560	11,400 00	7 31
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....	5	90		
Hillsboro & Northeastern.....				
Illinois Central.....				
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y....				
Kewaunee, Green Bay & Western.....	5	1,565	3,800 00	2 43
La Crosse & Southeastern.....	7	936	4,647 07	4 97
Lake Superior Terminal & Transfer.....	2	732	660 00	90
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	2	70	543 90	7 77
Mineral Point & Northern.....	4	1,248	5,020 00	4 50
Minneapolis, St. Paul & Sault Ste. Marie.....	3	753	14,770 05	19 62
Northern Pacific.....				
Northwestern Coal R'y Co.....	1	150	900 00	6 00
Oshkosh Transportation Co.....	2	625	999 96	1 60
Roddis Lumber & Veneer Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	4	624	3,300 00	5 29
Superior & Southeastern.....				
Tomahawk & Eastern.....	4	14	108 78	7 77
Whitcomb & Morris.....	1	200	200 00	1 00
Winona Bridge R'y Co.....				
Wisconsin Central.....	10	3,506	68,852 34	19 64
Wisconsin & Michigan.....				
Wisconsin & Northern.....	2	146	3,000 00	20 51
Wisconsin, Ruby & Southern.....				
Waupaca—Green Bay.....				
Wisconsin Northwestern.....	1	312	1,800 00	5 77
Mattoon R'y Co.....	4	324	1,200 00	3 85
Total.....	91	17,875	\$149,413 05	\$8 36

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Other officers.				General office clerks.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
2	180	\$1,380 00	\$7 66	1	300	\$600 00	\$2 00
1	240	300 00	1 25	1	313	450 00	1 44
4	1,252	13,599 96	10 86	13	4,745	13,488 41	2 84
1	365	780 00	2 14	15	4,695	12,370 05	2 64
				89	468	749 59	1 60
				1	183	342 50	1 87
				1	312	200 00	64
3	1,098	13,800 00	12 57	5	2,001	5,287 05	2 64
1	3 12	1,200 00	3 85	13	3,016	6,936 00	2 30
1	466	2,625 00	5 63	2	1,832	3,928 01	2 14
1	300	600 00	2 00	4	1,028	1,800 00	1 75
2	732	2,300 00	3 14	2	624	1,114 28	1 79
				3	1,472	3,729 67	2 53
1	261	1,363 75	5 22	3	645	1,326 71	2 06
4	1,245	10,501 68	8 44	4	624	1,590 00	2 55
				43	15,750	31,367 59	1 99
				1	263	541 03	2 06
1	60	300 00	5 00	1	300	600 00	2 00
2	569	1,899 62	3 34	1	312	1,200 00	3 85
1	104	436 28	4 19	3	159	267 82	1 68
27	10,104	77,941 79	7 71	140	52,055	110,272 49	2 12
				2	146	372 00	51
				1	312	600 00	1 92
				2	624	1,800 00	2 88
52	17,288	\$129,028 08	\$7 46	351	92,179	\$300,933 20	\$2 18

EMPLOYEES AND SALARIES.

Name of Company.	Station agents.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	1	313	\$765 00	\$2 44
Ahnapee & Western.....	5	1,505	2,784 00	1 85
Ashland, Odanah & Marengo.....	1	290	557 60	1 93
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	273	86,388	213,977 01	2 48
Chicago, St. Paul, Minneapolis & Omaha	90	28,170	71,537 06	2 54
Chicago, Burlington & Quincy.....	32	11,680	25,416 37	2 18
Chicago, Lake Shore & Eastern.....	1	365	1,020 00	2 80
Chicago, Harvard & Geneva Lake.....	1	58	101 25	1 73
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	10	3,311	7,647 00	2 31
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	3	936	1,131 96	1 21
Great Northern.....	9	1,711	5,935 00	3 48
Green Bay & Western.....	29	8,750	16,188 00	1 83
Hawthorne, Nebagamon & Superior.....	1	57	114 42	2 00
Hazelhurst & Southeastern.....	2	300	602 50	2 00
Hillsboro & Northeastern.....				
Illinois Central.....	15	5,885	11,790 50	2 00
Iola & Northern.....	1	312	420 00	1 35
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	4	1,135	2,100 00	1 85
La Crosse & Southeastern.....	6	2,160	2,333 81	1 68
Lake Superior Terminal & Transfer.....	1	366	1,320 00	3 61
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	1	261	555 00	2 13
Mineral Point & Northern.....	3	1,098	2,038 43	1 86
Minneapolis, St. Paul & Sault Ste. Marie.	45	17,616	32,964 65	1 87
Northern Pacific.....	8	3,330	9,525 70	2 86
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Log. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	312	840 00	2 69
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	104	165 00	1 59
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	117	44,947	104,861 27	2 33
Wisconsin & Michigan.....				
Wisconsin & Northern.....	4	1,461	3,480 00	2 38
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....	1	312	1,040 00	3 33
Total.....	636	223,112	\$511,231 56	\$2 34

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.

Other station men.				Enginemen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	313	\$545 23	\$1 74	1	319	\$1,042 25	\$3 27
5	840	1,260 00	1 50	2	460	1,678 01	3 65
2	265	572 29	2 16	3	1,028	3,557 52	3 46
				2	443	1,275 90	2 88
877	274,814	490,139 81	1 78	446	148,049	662,168 99	4 47
119	37,247	74,546 96	2 00	146	45,698	224,454 17	4 91
27	8,451	16,556 22	1 96	51	18,615	80,374 18	4 32
6	1,812	2,792 50	1 54	4	1,410	4,886 55	3 46
1	183	600 00	3 28	1	182	458 33	2 51
1	313	120 00	50	1	313	720 00	2 04
				2	473	1,536 19	3 25
				1	318	995 26	3 13
17	5,772	10,507 25	1 84	13	4,945	20,662 92	4 18
1	514	780 00	2 50	1	350	1,064 20	3 04
205	21,136	42,694 40	2 02	2	401	1,213 63	3 03
20	5,626	8,438 52	1 50	23	9,961	45,722 40	4 59
				16	5,142	19,795 27	3 85
				1	109	274 58	2 50
				2	427	1,281 00	3 00
7	1,522	3,830 00	1 86	6	2,031	9,636 79	4 74
1	312	31 20	10	1	319	1,039 21	3 26
8	2,069	3,104 25	1 50	3	845	3,251 13	3 85
				2	720	2,681 11	2 89
5	2,195	4,500 00	2 05	5	2,980	11,173 88	3 75
1	261	416 25	1 59	2	828	2,469 91	2 98
3	897	329 62	37	3	668	1,979 70	2 96
22	10,634	12,320 88	1 16	28	11,512	51,407 11	4 47
22	10,009	20,758 11	1 98	11	5,152	26,957 69	5 23
1	280	580 62	2 07	2	592	2,357 04	3 98
1	365	696 47	1 90	1	280	650 93	2 32
1	227	487 68	2 15	2	1,194	3,573 55	2 99
1	104	123 75	1 19	2	81	244 22	3 01
				1	313	780 00	2 49
408	158,119	313,665 97	1 98	173	62,421	260,866 26	4 18
1	365	540 00	1 50	2	739	2,743 80	3 76
				2	569	1,102 80	2 16
				2	518	1,554 00	3 00
1,162	44,945	\$1,010,027 98	\$1 85	966	330,193	\$1,457,031 39	\$4 41

EMPLOYES AND SALARIES.

Name of Company.	Firemen.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern	1	321	\$616 71	\$1 92
Ahnapee & Western.....	2	460	989 05	2 15
Ashland, Odanah & Marengo.....	2	905	1,029 36	2 13
Bayfield Transfer.....	2	404	907 96	2 25
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	510	173,402	458,217 63	2 64
Chicago, St. Paul, Minneapolis & Omaha	145	45,385	141,245 57	3 09
Chicago, Burlington & Quincy.....	47	17,155	47,030 04	2 74
Chicago, Lake Shore & Eastern.....	3	959	2,062 55	2 15
Chicago, Harvard & Geneva Lake.....	1	228	373 73	1 64
Chicago & Lake Superior.....	1	313	480 00	1 52
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	2	415	983 41	2 37
Drummond & Southwestern.....	1	321	639 69	1 99
Duluth, South Shore & Atlantic.....	13	4,963	12,659 08	2 55
Dunbar & Wausaukee.....	1	350	700 00	2 00
Fairchild & Northeastern.....	2	404	808 00	2 00
Great Northern.....	26	10,128	29,674 15	2 91
Green Bay & Western.....	18	5,174	11,641 62	2 25
Hawthorne, Nebagamon & Superior.....	1	37	75 25	2 00
Hazelhurst & Southeastern.....	2	427	961 05	2 25
Hillsboro & Northeastern.....				
Illinois Central.....	6	2,031	5,935 76	2 92
Iola & Northern.....	1	315	552 30	1 75
J. R. Davis Lumber Co., Logging R'y....				
Kewaunee, Green Bay & Western.....	3	925	2,081 07	2 25
La Crosse & Southeastern.....	2	720	1,440 00	2 00
Lake Superior Terminal & Transfer.....	5	2,991	6,730 68	2 25
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	5	801	1,591 20	1 99
Mineral Point & Northern.....	3	671	1,327 86	1 93
Minneapolis, St. Paul & Sault Ste. Marie	28	11,512	32,536 28	2 83
Northern Pacific.....	11	5,152	17,235 18	3 34
Northwestern Coal R'y Co.....	1	273	729 89	2 67
Oshkosh Transportation Co.....				
Roddis Lbr. & Veneer Co., Logging R'y..	1	193	376 07	1 94
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	2	1,166	2,352 50	2 02
Superior & Southeastern.....				
Tomahawk & Eastern.....	3	77	155 12	2 01
Whitcomb & Morris.....	1	313	570 00	1 82
Winona Bridge R'y Co.....				
Wisconsin Central.....	135	61,820	161,579 89	2 61
Wisconsin & Michigan.....				
Wisconsin & Northern.....	2	730	1,861 50	2 55
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	2	361	724 00	2 01
Mattoon R'y Co.....	2	518	1,310 00	2 10
Total.....	1,041	352,320	\$950,083 53	\$2 70

EMPLOYES AND SALARIES.

Name of Company.	Machinists.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marengo.....	2	383	\$1,237 13	\$3 23
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	180	63,226	178,514 74	2 82
Chicago, St. Paul, Minneapolis & Omaha.....	86	26,918	59,647 53	2 22
Chicago, Burlington & Quincy.....	22	6,886	26,913 35	3 04
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	1	312	1,473 90	4 72
Duluth, South Shore & Atlantic.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	57	15,782	57,531 50	3 65
Green Bay & Western.....	19	4,809	12,744 60	2 65
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....				
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y.....				
Keweenaw, Green Bay & Western.....				
La Crosse and Southeastern.....				
Lake Superior Terminal & Transfer.....	1	693	2,657 18	3 83
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	1	325	763 66	2 35
Mineral Point & Northern.....	3	783	1,904 04	2 43
Minneapolis, St. Paul & Sault Ste. Marie.....	1	51	201 90	3 96
Northern Pacific.....				
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Rodrig's Lumber & Veneer Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	468	1,263 60	2 70
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	39	76 34	1 96
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	113	33,655	95,022 98	2 85
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca & Green Bay.....				
Wisconsin North western.....	1	264	535 95	2 03
Mattoon R'y Co.....	1	312	717 00	2 30
Total.....	490	154,886	\$436,205 40	\$2 82

WISCONSIN 1908 Continued.

Carriages.				Couches.			
No.	Number of days used.	Total quarterly mileage.	Average miles per month.	No.	Number of days used.	Total quarterly mileage.	Average miles per month.
1	37	285.54	2.70	2	29	452.25	31.59
2	37	344.02	2.75				
3	2,083	381,471.80	2.20	31	330.94	12,790.28	1.18
4	2,112	373,711.44	2.19	44	30,021	10,100.16	1.15
5	2,071	371,023.86	2.19	111	77,023	24,112.04	1.17
6	283	1,028.15	2.27	7	1,597	2,701.77	1.12
7	10	27.70	2.77	1	12	33.51	1.37
8	20	110.77	2.54	1	248	42.04	1.37
9	1,80	1,020.57	1.12	6	1,117	1,129.82	1.91
10	2,127	612,227.27	2.37	410	11,280	32,112.50	2.15
11	1,773	5,775.32	2.37	18	12,701	25,370.58	1.43
12				1	61	250.44	2.28
13	2,131	2,112.27	2.31	4	1,000	2,008.41	5.26
14				1	1,084	1,080.50	1.16
15				2	212	23.20	2.37
16				2	2,028	6,110.53	2.80
17	33	2,229.01	1.77				
18	1,370	2,110.77	2.16				
19	1,222	11,173.91	2.23	13	2,616	18,300.72	2.88
20	43	1,180.00	2.30	1	2,522	4,428.57	1.62
21	15	92.01	1.50				
22	28,09	22,310.91	2.50	23	165,027	200,220.25	1.51
23	818	620.50	2.19				
24					1,322	2,321.43	1.62
25	313	160.15	1.15				
26	2,370	372,201.18	2.20	1,231	64,177	11,507.00.27	2.00

EMPLOYES AND SALARIES.

Name of Company.	Section foremen.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	2	625	\$1,200 00	\$1 92
Ahnapee & Western.....	5	1,720	2,580 00	1 50
Ashland, Odanah & Marengo.....	3	938	2,142 50	2 28
Bayfield Transfer.....	2	331	864 42	2 31
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	359	109,863	224,631 24	2 04
Chicago, St. Paul, Minneapolis & Omaha.....	141	44,133	96,786 78	2 19
Chicago, Burlington & Quincy.....	50	18,250	35,246 63	1 03
Chicago, Lake Shore & Eastern.....	1	365	720 00	1 97
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	1	393	680 14	1 73
Duluth, South Shore & Atlantic.....	20	7,340	13,334 05	1 82
Dunbar & Wausaukee.....	1	310	654 10	2 11
Fairchild & Northeastern.....	2	446	866 67	1 94
Great Northern.....	16	3,113	6,257 80	2 01
Green Bay & Western.....	38	13,031	20,850 00	1 60
Hawthorne, Nebagamon & Superior.....	1	46	115 57	2 50
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	12	3,907	7,111 35	1 82
Iola & Northern.....	1	280	392 10	1 40
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	7	2,400	3,600 00	1 50
La Crosse & Southeastern.....	6	2,160	3,300 00	1 52
Lake Superior Terminal & Transfer.....	2	598	1,417 42	2 37
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	5	1,188	1,932 91	1 63
Mineral Point & Northern.....	4	1,387	2,676 94	1 93
Minneapolis, St. Paul & Sault Ste. Marie.....	50	18,673	34,610 18	1 85
Northern Pacific.....	22	8,255	17,044 92	2 06
Northwestern Coal R'y Co.....	1	312	660 00	2 11
Oshkosh Transportation Co.....	1	312	780 00	2 50
Roddis Lumber & Veneer Co., Log. R'y..	1	178	310 31	1 74
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	5	1,563	3,007 13	1 92
Superior & Southeastern.....				
Tomahawk & Eastern.....	5	620	1,030 85	1 66
Whitcomb & Morris.....	1	300	525 00	1 42
Winona Bridge R'y Co.....				
Wisconsin Central.....	126	48,230	84,600 23	1 75
Wisconsin & Michigan.....				
Wisconsin & Northern.....	3	1,095	1,980 00	1 80
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	1	210	500 29	2 38
Mattoon R'y Co.....	2	624	1,200 00	1 92
Total.....	897	293,196	\$573,609 55	\$1 96

WISCONSIN, 1908—Continued.

Other trackmen.				Switchmen, flagmen and watchmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
8	2,539	\$3,809 38	\$1 50	1	365	\$480 00	\$1 32
10	2,830	4,004 13	1 40	2	881	1,454 20	1 65
50	8,091	15,333 12	1 90	1	312	540 00	1 73
4	975	1,463 28	1 50				
.....						
1,923	540,238	846,501 26	1 57	309	159,317	380,929 92	2 39
583	182,479	321,463 29	1 76	12	3,756	6,637 94	1 77
394	123,322	155,095 68	1 26	24	8,760	21,690 60	2 48
9	2,863	4,566 95	1 59	11	4,126	12,402 55	3 01
9	876	1,406 60	1 60				
.....						
4	1,377	2,002 42	1 45				
12	3,244	5,249 08	1 62				
59	22,369	37,250 79	1 67	1	443	611 25	1 38
5	1,550	2,202 50	1 55	1	366	549 00	1 50
12	1,951	2,925 50	1 50	26	1,709	3,675 00	2 15
269	112,207	212,050 05	1 89	8	2,642	4,624 00	1 75
89	17,969	24,258 83	1 35				
.....						
1	206	397 88	1 93	2	91	182 90	2 00
35	9,912	14,769 18	1 49	1	307	579 63	1 88
.....						
18	3,690	4,982 11	1 35	1	360	540 00	1 50
15	4,680	5,519 21	1 18	2	720	1,145 29	1 59
15	3,930	6,797 05	1 73	6	2,352	4,579 21	1 95
.....						
18	2,017	2,985 91	1 48				
15	3,068	5,453 19	1 78	2	826	1,073 62	1 30
195	51,033	78,652 01	1 54	6	2,407	4,857 95	2 02
214	48,592	83,298 46	1 71	2	624	1,448 11	2 32
4	974	1,838 01	1 89				
2	617	887 56	1 44				
1	213	369 67	1 72				
24	7,223	11,775 52	1 63	1	1,095	2,192 06	2 01
.....						
18	908	1,318 02	1 45				
419	130,115	178,916 66	1 38	80	27,672	35,262 27	1 27
.....						
6	1,872	2,620 80	1 40				
.....						
4	1,135	1,876 94	1 65	1	335	520 74	1 55
10	3,120	5,150 00	1 65	1	312	686 00	2 20
4,454	1,298,215	\$2,047,273 04	\$1 58	501	219,778	\$486,662 24	\$2 21

EMPLOYES AND SALARIES.

Name of Company.	Telegraph operators and dispatchers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marengo.....	1	316	\$954 56	\$3 02
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	236	78,250	198,481 66	2 54
Chicago, St. Paul, Minneapolis & Omaha.....	138	43,194	107,073 14	2 48
Chicago, Burlington & Quincy.....	81	29,565	65,065 73	2 26
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	10	3,014	5,176 85	1 72
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	17	6,211	19,379 00	3 12
Green Bay & Western.....	3	1,025	2,050 00	2 00
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	2	1,361	3,225 00	2 37
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	2	480	960 00	2 00
La Crosse and Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....				
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie.....	29	11,080	27,832 65	2 51
Northern Pacific.....	9	3,793	7,944 43	2 09
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Rodd's Lumber & Veneer Co., Logging Ry.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....				
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	105	39,509	81,330 51	2 06
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	633	217,798	\$519,481 53	\$2 38

EMPLOYES AND SALARIES,

Distribution

Name of Company.	General administration.				Maintenance of	
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.
Abbotsford & Northeastern.....	5	180	\$1,380 00	\$7 66	10	3,164
Ahnapee & Western.....	6	940	1,700 00	1 81	15	4,580
Ashland, Odanah & Marengo.....	2	627	2,598 53	4 14	53	9,029
Bayfield Transfer.....	2	626	2,803 50	4 48	7	1,347
Big Falls R'y Co.....						
Chicago, Milwaukee & St. Paul.....						
Chicago & Northwestern.....	1	626	3,780 00	5 24	3,099	933,992
Chicago, St. P., Min'polis & Omaha.	5	1,773	10,467 27	5 90	842	263,546
Chicago, Burlington & Quincy.....	26	8,138	16,794 90	2 06	564	179,184
Chicago, Lake Shore & Eastern.....	43	236	652 77	3 17	10	3,228
Chicago, Harvard & Geneva Lake..	2	365	942 50	2 58	10	967
Chicago & Lake Superior.....	1	313	1,200 00	3 80		
Chippewa River & Northern.....						
Chippewa Valley & Northern.....	1	100	250 00	2 50	4	1,377
Drummond & Southwestern.....	1	312	200 00	64	13	3,637
Duluth, South Shore & Atlantic.....					85	31,510
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern.....	5	936	1,309 00	1 39	30	4,839
Green Bay & Western.....	44	12,002	28,220 15	2 35	396	139,024
	6	1,872	12,600 00	6 73	144	35,788
Hawthorne, Nebagamon & Superior					1	46
Hazelhurst & Southeastern.....	5	90			1	513
Hillsboro & Northeastern.....						
Illinois Central.....	1	366	800 04	2 19	62	18,441
Iola & Northern.....					1	280
J. R. Davis Lbr. Co. Logging R'y.						
Kewaunee, Green Bay & Western..	6	1,865	4,400 00	2 36	32	7,220
La Crosse & Southeastern.....	9	1,580	5,761 35	3 64	21	6,840
Lake Superior Term'l & Transfer..	7	2,936	6,689 67	2 28	17	4,528
Laona & Northern.....						
Marathon County R'y Co.....						
Marinette, Tomahawk & Western..	2	454	1,361 85	3 05	23	4,172
Mineral Point & Northern.....	8	1,485	5,110 00	3 44	22	5,207
Minn., St. Paul & Sault Ste. Marie.	50	17,748	56,639 32	3 19	289	89,479
Northern Pacific.....	1	588	1,728 87	2 94	285	71,964
Northwestern Coal R'y Co.....	2	450	1,500 00	3 33	6	1,346
Oshkosh Transportation Co.....	2	625	999 96	1 60	4	1,115
Roddis Lbr. & Veneer Co., Log. R'y.					2	391
Robbins R'y Co.....						
Stanley, Merrill & Phillips.....	4	645	2,513 00	3 90	30	9,665
Superior & Southeastern.....						
Tomahawk & Eastern.....	4	69	225 36	3 26	23	1,933
Whitcomb & Morris.....	1	200	200 00	1 00	7	890
Winona Bridge R'y Co.....						
Wisconsin Central.....	89	32,999	138,616 07	4 19	790	251,200
Wisconsin & Michigan.....						
Wisconsin & Northern.....	4	292	3,372 00	11 55	9	2,967
Wisconsin, Ruby & Southern.....						
Waupaca-Green Bay.....						
Wisconsin Northwestern.....	2	624	2,400 00	3 84	11	3,313
Mattoon R'y Co.....	6	948	3,000 00	3 16	12	3,744
Total.....	353	92,960	\$319,716 11	\$3 44	6,926	2,100,466

WISCONSIN, 1908—Continued.

of foregoing.

way and structures.		Maintenance of equipment.				Conducting transportation.			
Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Av. daily compensation.
\$5,009 38	\$1 58	1				7	2,274	\$4,810 06	\$2 11
6,581 13	1 44	1	2,606	\$3,941 47	\$1 51	19	4,544	9,587 12	2 11
17,101 62	1 91	1	675	2,018 55	2 99	13	5,494	13,202 32	2 40
2,368 84	1 77	1	192	528 12	2 75	10	1,912	4,777 62	2 49
1,683,336 20	1 80	78	233,811	554,589 89	2 37	4,205	1,413,821	3,783,721 94	2 68
516,312 93	1 96	41	129,582	263,476 17	2 03	1,173	367,773	1,134,299 22	3 08
287,053 58	1 60	15	47,628	112,563 63	2 36	389	138,969	376,427 50	2 71
5,286 95	1 64	2	2,213	4,534 13	2 05	65	9,171	24,193 30	2 64
1,706 60	1 76					14	1,826	3,962 21	2 17
						4	1,252	1,800 00	1 46
2,002 42	1 45	2	26	50 09	1 93	7	1,411	4,013 52	2 84
5,929 22	1 63	3	794	2,305 44	2 90	3	1,047	2,415 56	2 31
54,023 04	1 71	6	2,149	4,188 88	1 95	108	39,160	104,939 71	2 68
		6	1,860	2,856 60	1 53	5	1,714	4,223 95	2 46
8,218 76	1 70					10	2,511	4,466 09	1 11
277,002 10	1 99	469	167,985	386,286 55	2 30	437	109,024	330,534 65	3 03
54,687 79	1 53	94	29,304	53,162 01	1 81	154	46,038	100,686 65	2 19
115 57	2 50	2	91	205 44	2 25	7	405	934 14	2 30
977 51	1 90	1	121	242 89	2 00	12	2,321	5,596 50	2 41
32,545 35	1 76	4	1,059	2,498 44	2 36	55	20,251	56,670 65	2 80
392 10	1 40					5	1,618	2,942 71	1 82
10,394 45	1 44	12	2,159	3,501 59	1 62	32	8,999	18,833 53	2 09
8,819 21	1 24					17	6,072	10,130 96	1 60
8,214 47	1 81	6	3,315	8,855 00	2 67	38	20,318	60,185 31	2 96
6,655 95	1 60	2	590	1,354 17	2 30	17	4,318	9,862 60	2 28
9,888 58	1 90	3	783	1,904 04	2 43	18	5,060	10,728 09	2 12
155,849 94	1 74	30	12,153	22,685 13	1 87	249	100,585	267,754 24	2 66
136,570 13	1 90	18	7,263	15,837 17	2 18	81	38,529	114,975 55	2 98
2,999 81	2 23	2	710	1,444 17	2 03	10	2,814	9,037 45	3 21
1,960 61	1 76								
679 98	1 74					4	1,098	2,329 38	2 12
17,367 19	1 89	6	1,995	4,967 45	2 49	14	7,770	17,608 75	2 27
2,689 51	1 39	2	104	207 80	2 00	17	496	1,449 62	2 92
1,558 50	1 75					2	626	1,350 00	2 16
427,957 82	1 70	736	214,273	440,840 35	2 06	1,569	591,747	1,452,377 01	2 45
4,600 80	1 56	1	312	655 20	2 10	13	4,745	13,627 98	2 66
5,356 21	1 62					7	1,561	4,074 28	3 61
6,350 00	1 69	2	624	1,233 00	2 02	15	3,723	10,161 00	2 72
\$3,768,997 30	\$1 78	2,795	864,377	\$1,896,933 41	\$1 80	8,833	2,971,000	\$7,978,694 17	\$2 68

EMPLOYES AND SALARIES,

Name of Company.	Distribution—Concluded.		
	Traffic expenses.		
	No.	Number of days worked.	Average daily compensation.
Abbotsford & Northeastern.....			
Ahuapee & Western.....			
Ashland, Odanah & Marengo.....			
Bayfield Transfer.....			
Big Falls R'y Co.....			
Chicago, Milwaukee & St. Paul.....			
Chicago & Northwestern.....	12	4,069	\$17,532 44
Chicago, St. Paul, Minneapolis & Omaha	2	626	1,979 03
Chicago, Burlington & Quincy.....			
Chicago, Lake Shore & Eastern.....			
Chicago, Harvard & Geneva Lake.....			
Chicago & Lake Superior.....			
Chippewa River & Northern.....			
Chippewa Valley & Northern.....			
Drummond & Southwestern.....			
Duluth, South Shore & Atlantic.....			
Dunbar & Wausaukee.....			
Fairchild & Northeastern.....			
Great Northern.....	7	1,916	4,724 35
Green Bay & Western.....			
Hawthorne, Nebagamon & Superior.....			
Hazelhurst & Southeastern.....			
Hillsboro & Northeastern.....			
Illinois Central.....	6	2,193	7,290 66
Iola & Northern.....			
J. R. Davis Lumber Co., Logging R'y....			
Kewaunee, Green Bay & Western.....			
La Crosse & Southeastern.....			
Lake Superior Terminal & Transfer			
Laona & Northern.....			
Marathon County R'y Co.....			
Marinette, Tomahawk & Western.....	1	130	553 20
Mineral Point & Northern.....			
Minneapolis, St. Paul & Sault Ste. Marie,			
Northern Pacific.....	5	1,614	3,648 39
Northwestern Coal R'y Co.....			
Oshkosh Transportation Co.....			
Roddis Lumber & Veneer Co., Log. R'y..			
Robbins R'y Co.....			
Stanley, Merrill & Phillips.....	1	234	1,055 00
Superior & Southeastern.....			
Tomahawk & Eastern.....	1	52	140 55
Whitcomb & Morris.....			
Winona Bridge R'y Co.....			
Wisconsin Central.....	88	32,214	116,715 77
Wisconsin & Michigan.....			
Wisconsin & Northern.....			
Wisconsin, Euby & Southern.....			
Waupaca-Green Bay.....			
Wisconsin Northwestern.....			
Mattoon R'y Co.....			
Total.....	123	43,078	\$153,639 39

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Concluded.

Total (including general officers).				Total (excluding general officers).			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
22	5,618	\$11,199 44	\$1 99	19	5,618	\$11,199 44	\$1 99
49	12,670	21,812 72	1 72	44	11,970	20,412 72	1 71
71	15,225	35,328 02	2 23	69	15,198	32,729 49	2 15
20	4,077	10,498 08	2 57	19	3,764	8,144 58	2 17
.....						
8,105	2,586,319	6,042,460 47	2 34	8,105	2,586,319	6,012,460 47	2 34
2,436	763,300	1,926,534 67	2 52	2,433	762,205	1,914,759 90	2 51
1,131	373,919	792,812 61	2 12	1,129	373,189	786,983 62	2 11
138	14,818	34,667 15	2 34	133	14,794	34,400 99	2 33
26	3,158	6,611 31	2 09	25	2,976	6,011 31	2 02
5	1,565	3,000 00	1 91	4	1,252	1,800 00	1 43
14	2,914	6,316 03	2 19	13	2,814	6,036 03	2 17
20	5,790	10,850 22	1 87	20	5,790	10,850 22	1 87
197	72,819	163,151 63	2 24	197	72,819	163,151 63	2 24
11	3,574	7,080 55	1 98	11	3,574	7,080 55	1 93
45	8,286	13,903 85	1 68	40	7,350	12,684 85	1 72
1,353	429,951	1,026,767 80	2 39	1,353	429,951	1,026,767 80	2 39
396	113,002	221,136 45	1 96	391	111,442	209,736 45	1 88
10	542	1,255 15	2 31	10	542	1,255 15	2 31
19	3,045	6,816 90	2 30	14	2,955	6,816 90	2 30
128	42,310	99,805 14	2 36	128	42,310	99,805 14	2 36
6	1,898	3,334 81	1 76	6	1,898	3,334 81	1 76
82	20,243	37,129 57	1 83	77	18,678	33,329 57	1 78
47	14,472	24,711 52	1 77	40	13,536	20,064 45	1 51
68	31,097	83,944 45	2 70	66	30,365	83,284 45	2 74
.....						
45	9,664	19,787 77	2 05	43	9,594	19,243 87	2 01
51	12,535	27,630 71	2 20	47	11,287	22,010 71	1 95
618	219,965	502,928 63	2 29	615	219,212	488,158 58	2 23
390	119,988	272,760 11	2 27	390	119,988	272,760 11	2 27
20	5,320	14,981 43	2 81	19	5,170	14,081 43	2 72
6	1,740	2,960 57	1 70	4	1,115	1,960 61	1 76
6	1,489	3,009 36	2 02	6	1,489	3,009 36	2 02
55	20,309	43,511 39	2 14	51	19,685	40,211 39	2 04
47	2,654	4,712 84	1 78	43	2,640	4,604 06	1 74
10	1,716	3,108 50	1 81	9	1,516	2,908 50	1 92
3,272	1,122,433	2,576,507 02	2 30	3,262	1,118,927	2,507,654 68	2 24
27	8,316	22,255 98	2 67	25	8,170	19,255 93	2 35
20	5,498	11,830 49	2 15	19	5,186	10,030 49	1 93
35	9,042	20,777 00	2 29	31	8,718	19,577 00	2 24
19,001	6,071,881	\$14,118,010 34	\$2 33	18,910	6,054,006	\$13,968,597 29	\$2 31

EMPLOYES AND SALARIES.

Paid by Roads Operating in Wisconsin, as Reported to the

Name of Company.	General officers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	3			
Annapoc & Western.....	5	700	\$1,400 00	\$2 00
Ashland, Odanah & Marengo.....	2	627	2,598 53	4 14
Bayfield Transfer.....	1	313	2,353 50	5 75
Chicago, Milwaukee & St. Paul.....	20	7,300	182,630 10	25 02
Chicago & Northwestern.....	25	7,825	347,322 89	44 39
Chicago, St. Paul, Minneapolis & Omaha.....	31	11,315	107,228 90	14 78
Chicago, Burlington & Quincy.....	119	43,435	622,505 41	14 33
Chicago, Lake Shore & Eastern.....	5	1,565	17,349 83	11 09
Chicago, Harvard & Geneva Lake.....	1	365	1,200 00	3 28
Chicago & Lake Superior.....	1	313	1,200 00	3 80
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	1	100	250 00	2 50
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	10	2,683	27,220 00	10 15
Dunbar & Wausaukece.....				
Fairchild & Northeastern.....	5	936	1,309 00	1 39
Great Northern.....	21	7,721	178,200 00	23 08
Green Bay & Western.....	5	1,560	11,400 00	7 31
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....	5	90		
Hillsboro & Northeastern.....				
Illinois Central.....	52	19,626	320,538 90	16 33
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y....				
Kewaunee, Green Bay & Western.....	5	1,565	3,800 00	2 43
La Crosse & Southeastern.....	7	936	4,647 07	4 07
Lake Superior Terminal & Transfer.....	2	732	660 00	0 92
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....	2	70	543 90	7 77
Mineral Point & Northern.....	4	1,248	5,620 00	4 50
Minneapolis, St. Paul & Sault Ste. Marie.....	14	4,880	95,610 76	19 59
Northern Pacific.....	55	19,236	370,445 87	19 23
Northwestern Coal R'y Co.....	1	150	900 00	6 00
Oshkosh Transportation Co.....	2	625	999 93	1 60
Roddis Lumber & Veneer Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	4	624	3,300 00	5 29
Superior & Southeastern.....				
Tomahawk & Eastern.....	4	14	108 78	7 77
Whitcomb & Morris.....	1	200	200 00	1 00
Winona Bridge R'y Co.....				
Wisconsin Central.....	11	4,127	81,040 91	19 64
Wisconsin & Michigan.....	4	1,656	6,420 00	3 87
Wisconsin & Northern.....	2	146	3,000 00	20 51
Wisconsin, Ruby & Southern.....				
Waupaca—Green Bay.....				
Wisconsin Northwestern.....	1	312	1,800 00	5 77
Mattoon R'y Co.....	4	324	1,200 00	3 85
Total.....	435	143,319	\$2,465,044 31	\$17 20

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Other officers.				General office clerks.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
2	180	\$1,380 00	\$7 66	1	300	\$600 00	\$2 00
1	240	300 00	1 25	1	313	450 00	1 44
88	32,190	410,890 10	12 79	866	271,058	575,301 25	2 12
55	16,583	189,262 44	11 41	974	318,321	726,154 15	2 28
				250	91,250	190,791 93	2 09
				2,505	785,630	1,895,341 13	2 41
9	3,233	18,717 46	5 76	89	30,822	49,315 23	1 17
				1	365	685 00	1 87
				1	312	200 00	64
10	2,986	23,800 00	7 97	73	26,405	55,310 43	2 09
63	22,222	240,734 00	10 83	945	388,314	887,310 21	2 29
1	312	1,200 00	3 85	13	3,016	6,936 00	2 30
100	36,252	234,661 80	6 47	1,575	596,318	1,262,501 00	2 12
1	300	600 00	2 00	4	1,028	1,800 00	1 73
2	732	2,300 00	3 14	2	624	1,114 28	1 79
1	261	1,363 75	5 22	3	1,472	3,729 67	2 53
21	8,054	67,977 64	8 44	3	645	1,326 71	2 06
63	21,080	222,581 20	10 56	4	624	1,590 00	2 55
1	60	300 00	5 00	277	102,466	204,414 55	1 99
2	569	1,899 62	3 34	1,163	425,435	992,670 69	2 33
1	104	436 25	4 19	1	300	600 00	2 00
31	11,893	91,739 34	7 71	1	312	1,200 00	3 85
3	1,188	3,135 00	2 64	3	159	267 82	1 68
				1	314	300 00	96
				164	61,270	129,793 36	2 12
				8	3,108	6,261 54	2 08
				2	146	372 00	51
				1	312	600 00	1 92
				2	624	1,800 00	2 88
455	158,375	\$1,513,278 60	\$9 55	8,933	3,111,263	\$6,998,736 75	\$2 25

EMPLOYES AND SALARIES.

Name of Company.	Station agents.			
	No.	Number of days worked	Total yearly compensation.	Average daily compensation.
Abbotsford & Northwestern.....	1	313	\$765 00	\$2 44
Ahnapee & Western.....	5	1,505	2,784 00	1 85
Ashland, Odanah & Marengo.....	1	290	557 60	1 93
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	1,286	402,518	745,512 13	1 84
Chicago & Northwestern.....	1,050	334,284	837,000 90	2 50
Chicago, St. Paul, Minneapolis & Omaha	215	67,295	174,121 12	2 59
Chicago, Burlington & Quincy.....	1,192	435,080	930,806 85	2 14
Chicago, Lake Shore & Eastern.....	11	4,086	10,520 41	2 57
Chicago, Harvard & Geneva Lake.....	1	117	202 50	1 73
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	51	17,404	39,842 90	2 29
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	3	936	1,131 96	1 21
Great Northern.....	696	180,485	426,178 05	2 36
Green Bay & Western.....	29	8,750	16,188 00	1 35
Hawthorne, Nebagamon & Superior.....	1	57	114 42	2 00
Hazelhurst & Southeastern.....	2	300	602 50	2 00
Hillsboro & Northeastern.....				
Illinois Central.....	882	334,466	653,110 79	1 95
Iola & Northern.....	1	312	420 00	1 35
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	4	1,135	2,100 00	1 85
La Crosse & Southeastern.....	6	2,160	2,333 84	1 08
Lake Superior Terminal & Transfer.....	1	366	1,320 00	3 61
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	1	261	555 00	2 13
Mineral Point & Northern.....	3	1,098	2,038 43	1 85
Minneapolis, St. Paul & Sault Ste. Marie	222	83,430	172,571 74	2 07
Northern Pacific.....	532	205,519	497,368 53	2 42
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Logging R'y				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	312	840 00	2 69
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	104	165 00	1 59
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	139	52,904	123,424 24	2 33
Wisconsin & Michigan.....	14	5,208	7,403 16	1 42
Wisconsin & Northern.....	4	1,460	3,480 00	2 33
Wisconsin, Ruby & Southern.....				
Waupaca & Green Bay.....				
Wisconsin & Northwestern.....				
Mattcon R'y Co.....	1	312	1,040 00	3 33
Total.....	6,356	2,142,467	\$4,649,499 07	\$2.17

WHOLE LINE, 1908—Continued.

Other station men.				Enginemmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	313	\$545 23	\$ 1 74	1	319	\$1,042 25	\$3 27
5	840	1,260 00	1 50	2	480	1,078 01	3 65
2	265	572 29	2 16	3	1,028	3,557 52	3 46
3,858	1,207,554	1,998,012 62	1 65	2	443	1,275 90	2 88
3,443	1,143,389	2,195,928 40	1 92	1,657	554,459	2,324,789 48	4 19
577	189,601	375,891 36	2 08	1,591	572,477	2,537,997 12	4 43
3,321	1,039,473	2,065,518 65	1 99	368	96,404	472,691 43	4 90
52	18,556	32,721 66	1 76	1,529	559,085	2,323,123 83	4 16
1	365	1,200 00	3 28	144	51,936	209,254 40	4 03
1	313	120 00	50	1	365	916 66	2 51
125	40,983	73,795 41	1 81	1	313	720 00	2 04
1	314	780 00	2 50	2	473	1,536 19	3 25
2,031	409,108	752,250 40	1 84	1	318	995 26	3 13
20	5,626	8,438 52	1 50	82	30,118	125,849 57	4 18
1				1	350	1,061 20	3 04
1				2	401	1,213 63	3 03
1				2	297,673	1,335,071 65	4 49
1				16	5,142	19,795 27	3 85
1				1	109	274 58	2 50
1				2	427	1,281 00	3 00
3,512	1,333,266	2,346,933 20	1 76	912	413,181	1,941,437 81	4 70
1	312	31 20	10	1	319	1,039 21	3 26
8	2,069	3,104 25	1 50	3	845	3,251 13	3 85
5	2,195	4,500 00	2 05	2	720	2,081 11	2 89
1	261	416 25	1 59	5	2,980	11,173 88	3 75
3	897	329 62	37	2	828	2,409 91	2 98
303	110,087	177,555 46	1 61	3	608	1,979 70	2 96
2,107	822,601	1,733,440 10	2 11	185	74,891	331,502 80	4 43
1	280	580 62	2 07	725	335,288	1,893,371 34	5 65
1	365	696 47	1 90	2	592	2,357 04	3 98
1	227	487 68	2 15	1	280	650 93	2 32
1	104	123 75	1 19	2	1,194	3,573 55	2 99
474	186,109	369,192 45	1 98	2	81	244 22	3 01
2	900	450 00	50	1	313	780 00	2 49
1	365	540 00	1 50	206	73,472	307,045 98	4 18
19,859	6,507,738	12,145,446 59	\$1 87	5	1,974	7,266 06	3 68
				2	730	2,743 80	3 78
				2	309	1,102 80	2 93
				2	518	1,554 00	3 00
				8,424	3,081,543	13,880,153 23	\$1 71

EMPLOYES AND SALARIES,

Name of Company.	Firemen.			
	No.	Number of days worked,	Total yearly compensation.	Average daily compensation,
Abbotsford & Northeastern.....	1	321	\$616 71	\$1 92
Ahnapee & Western.....	2	460	989 05	2 15
Ashland, Odanah & Marengo.....	2	9 5	1,929 36	2 13
Bayfield Transfer.....	2	404	907 96	2 25
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	1,585	517,770	1,393,784 73	2 69
Chicago & Northwestern.....	1,845	663,560	1,750,814 49	2 64
Chicago, St. Paul, Minneapolis & Omaha	307	96,091	294,681 18	3 07
Chicago, Burlington & Quincy.....	1,487	542,755	1,416,986 88	2 61
Chicago, Lake Shore & Eastern.....	141	50,659	124,851 26	2 46
Chicago, Harvard & Geneva Lake.....	1	455	747 45	1 64
Chicago & Lake Superior.....	1	313	480 00	1 52
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	2	415	983 41	2 37
Drummond & Southwestern.....	1	321	639 69	1 99
Duluth, South Shore & Atlantic.....	84	30,221	77,103 57	2 55
Dunbar & Wausaukee.....	1	350	700 00	2 00
Fairchild & Northeastern.....	2	404	808 00	2 00
Great Northern.....	1,163	301,618	877,987 27	2 91
Green Bay & Western.....	18	5,174	11,641 02	2 25
Hawthorne, Nebagamon & Superior....	1	37	75 25	2 00
Hazelhurst & Southeastern.....	2	427	961 05	2 25
Hillsboro & Northeastern.....				
Illinois Central.....	930	413,689	1,196,116 24	2 89
Iola & Northern.....	1	315	552 30	1 75
J. R. Davis Lumber Co., Logging R'y....				
Kewaunee, Green Bay & Western.....	3	925	2,081 07	2 25
La Crosse & Southeastern.....	2	720	1,440 00	2 00
Lake Superior Terminal & Transfer....	5	2,991	6,730 68	2 25
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	3	801	1,591 20	1 99
Mineral Point & Northern.....	3	671	1,327 86	1 98
Minneapolis, St. Paul & Sault Ste. Marie	185	74,891	209,260 65	2 79
Northern Pacific.....	725	335,288	1,210,516 09	3 61
Northwestern Coal R'y Co.....	1	273	729 89	2 67
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Log. R'y	1	193	376 07	1 94
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	2	1,166	2,352 50	2 02
Superior & Southeastern.....				
Tomahawk & Eastern.....	3	77	155 12	2 01
Whitcomb & Morris.....	1	313	570 00	1 82
Winona Bridge R'y Co.....				
Wisconsin Central.....	220	72,763	190,183 56	2 61
Wisconsin & Michigan.....	5	1,974	4,532 22	2 30
Wisconsin & Northern.....	2	730	1,861 50	2 55
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	2	361	724 00	2 01
Mattoon R'y Co.....	2	518	1,310 00	2 10
Total.....	8,745	3,121,292	\$8,790,109 28	\$2 82

WHOLE LINE, 1903—Continued.

Conductors.				Other trainmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	321	\$741 84	\$2 31	1	322	\$619 03	\$1 92
2	459	1,261 71	2 75	2	520	1,014 35	1 95
2	882	2,159 42	2 45	2	1,192	2,589 66	2 17
2	418	1,289 64	3 08	1	71	191 83	2 69
.....						
1,101	344,613	1,333,818 12	3 88	2,254	705,502	1,586,414 78	2 25
1,128	396,884	1,609,334 73	4 05	3,177	979,690	2,783,023 81	2 84
188	58,844	285,843 76	4 86	653	204,389	618,718 62	3 17
1,087	395,755	1,485,504 34	3 75	1,970	719,050	1,713,983 20	2 38
30	10,850	42,964 78	3 95	63	22,607	62,797 52	2 77
6	1,232	2,810 55	2 28	4	1,000	2,287 25	2 28
1	313	480 00	1 52	.....		
2	443	1,253 80	2 83	1	80	240 12	3 00
.....				1	408	780 61	1 91
68	24,723	99,135 26	4 01	176	65,302	166,836 07	2 55
1	350	1,009 75	2 88	1	350	670 00	1 92
1	315	630 00	2 00	1	89	133 50	1 50
1,064	278,369	1,130,137 91	4 06	2,836	589,795	1,503,774 48	2 55
13	4,256	11,915 81	2 80	21	6,420	12,519 97	1 95
1	80	224 24	2 50	1	31	62 75	2 00
2	392	1,201 26	3 06	2	775	1,550 69	2 00
651	277,025	1,131,682 91	4 09	2,341	1,000,542	2,752,229 87	2 75
1	360	900 00	2 50	.....		
3	987	2,715 31	2 75	4	1,170	2,281 77	1 95
2	720	1,207 50	1 68	2	720	1,027 02	1 43
.....				16	9,434	31,881 54	3 38
2	766	2,298 72	3 00	.....		
3	680	2,049 28	3 01	.....		
139	59,439	242,518 74	4 08	410	164,752	400,963 13	2 43
658	272,114	1,113,609 82	4 09	1,989	856,915	2,461,000 27	2 87
1	312	1,200 00	3 85	3	733	2,810 47	3 83
1	260	605 91	2 32	.....		
2	1,086	2,559 29	2 36	4	1,699	3,405 17	2 00
2	75	221 76	2 96	1	3	4 50	1 50
154	50,134	197,155 91	3 93	340	144,815	357,220 00	2 47
5	1,830	6,125 48	3 35	10	3,660	7,459 14	2 04
2	730	3,198 72	4 37	2	730	1,803 96	2 47
1	308	889 61	2 89	2	523	1,062 83	2 05
2	518	1,560 00	2 50	7	1,548	4,014 00	2 35
6,329	2,186,843	\$8,725,215 88	\$3 99	16,301	5,485,683	\$14,516,958 41	\$2 64

EMPLOYES AND SALARIES,

Name of Company.	Machinists,			Average daily compensation.
	No.	Number of days worked.	Total yearly compensation.	
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & Marengo	2	383	\$1,237 13	\$3 23
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	848	236,585	865,268 05	3 66
Chicago & Northwestern	1,000	351,499	917,304 06	2 61
Chicago, St. Paul, Minneapolis & Omaha	555	173,715	412,133 81	2 37
Chicago, Burlington & Quincy	794	248,522	791,930 65	3 19
Chicago, Lake Shore & Eastern	56	17,337	46,414 12	2 66
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern	1	312	1,473 90	4 72
Duluth, South Shore & Atlantic	19	7,004	23,017 51	3 29
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern	577	150,269	557,403 35	3 71
Green Bay & Western	19	4,809	12,744 60	2 65
Hawthorne, Nebagamon & Superior				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	1,347	370,191	1,175,954 95	3 18
Iola & Northern				
J. R. Davis Lumber Co., Logging Ry.				
Kewaunee, Green Bay & Western				
La Crosse & Southeastern				
Lake Superior Terminal & Transfer	1	603	2,637 18	3 83
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western	1	325	763 66	2 35
Mineral Point & Northern	3	783	1,904 04	2 43
Minneapolis, St. Paul & Sault Ste. Marie	134	68,722	211,441 73	3 08
Northern Pacific	907	323,218	1,036,091 78	3 18
Northwestern Coal Ry. Co.				
Oshkosh Transportation Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	1	468	1,263 60	2 70
Superior & Southeastern				
Tomahawk & Eastern	1	39	7,634	1 96
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	132	39,615	113,021 34	2 85
Wisconsin & Michigan	3	1,176	3,284 28	2 79
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca & Green Bay				
Wisconsin Northwestern	1	264	535 35	2 03
Mattoon Ry. Co.	1	312	717 00	2 30
Total	6,433	1,909,232	\$6,176,828 03	\$3 09

WHOLE LINE, 1908—Continued.

Carpenters.				Other shopmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	292	\$781 42	\$2 67	2	640	\$992 49	\$1 55
1	192	528 12	2 75				
1,171	315,114	690,530 42	2 19	6,361	1,732,462	3,469,868 75	2 00
1,085	563,400	1,174,705 29	2 09	4,626	1,585,658	2,817,742 17	1 78
504	157,752	349,838 99	2 22	296	92,648	199,925 39	2 16
2,288	716,144	1,861,771 37	2 64	5,696	1,782,848	4,200,525 71	2 36
21	6,622	15,801 16	2 38	317	108,724	230,509 31	2 12
1	10	23 69	2 37	1	16	26 40	1 87
1	250	509 58	2 37	1	232	321 96	1 39
25	9,261	22,374 12	2 42	297	109,393	210,610 05	1 93
852	126,832	349,033 55	2 75	4,836	1,461,712	3,189,544 49	2 18
15	4,788	9,578 96	2 00	62	20,509	33,839 35	1 65
				2	91	205 44	2 25
1,804	692,207	1,721,549 47	2 49	2,951	1,083,122	2,392,001 81	2 21
				4	1,024	1,689 25	1 65
				1	312	893 20	2 87
				5	2,622	6,197 82	2 36
1	337	595 06	1 77				
292	123,513	303,125 68	2 45	205	86,393	231,318 07	2 68
1 480	507,450	1,343,832 68	2 65	2,766	982,900	2,404,751 57	2 45
1	468	1,170 00	2 50	4	2,303	4,485 27	1 95
1	13	22 04	1 70				
159	43,159	99,242 36	2 30	435	126,721	241,910 97	1 91
7	2,724	5,977 92	2 19	18	6,630	12,177 42	1 84
1	312	655 20	2 10				
1	312	546 00	1 75	4	1,369	2,217 33	1 62
10,312	3,271,152	\$7,952,193 08	\$2 43	28,890	9,188,329	\$19,651,757 22	\$2 14

EMPLOYES AND SALARIES.

Name of Company.	Section foremen.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	2	625	\$1,200 00	\$1 92
Ahnapee & Western.....	5	1,720	2,580 00	1 50
Ashland, Odanah & Marengo.....	3	938	2,142 50	2 28
Bayfield Transfer.....	2	331	864 42	2 31
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul.....	1,129	353,377	582,036 12	1 65
Chicago & Northwestern.....	1,368	422,550	852,216 90	2 02
Chicago, St. Paul, Minneapolis & Omaha	306	95,778	205,388 28	2 14
Chicago, Burlington & Quincy.....	1,781	650,065	1,261,902 98	1 94
Chicago, Lake Shore & Eastern.....	43	15,353	33,121 79	2 15
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	1	393	680 14	1 73
Duluth, South Shore & Atlantic.....	119	43,314	80,133 85	1 85
Dunbar & Wausaukee.....	1	310	654 10	2 11
Fairchild & Northeastern.....	2	446	866 67	1 94
Great Northern.....	1,277	293,281	579,546 90	1 98
Green Bay & Western.....	38	13,031	20,850 00	1 60
Hawthorne, Nebagamon & Superior.....	1	46	115 57	2 50
Hazlhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	878	315,815	588,021 67	1 86
Iola & Northern.....	1	280	392 10	1 40
J. R. Davis Lumber Co., Logging Ry.....				
Kewaunee, Green Bay & Western.....	7	2,400	3,600 00	1 50
La Crosse & Southeastern.....	6	2,160	3,300 00	1 52
Lake Superior Terminal & Transfer.....	2	598	1,417 42	2 37
Laona & Northern.....				
Marathon County Ry. Co.....				
Marinette, Tomahawk & Western.....	5	1,188	1,932 91	1 63
Mineral Point & Northern.....	4	1,387	2,676 94	1 93
Minneapolis, St. Paul & Sault Ste. Marie	288	107,220	200,459 87	1 87
Northern Pacific.....	989	351,740	751,123 34	2 14
Northwestern Coal Ry. Co.....	1	312	660 00	2 11
Oshkosh Transportation Co.....	1	312	780 00	2 50
Roddis Lumber & Veneer Co., L. Ry.....	1	178	310 31	1 74
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.....	5	1,563	3,007 13	1 92
Superior & Southeastern.....				
Tomahawk & Eastern.....	5	620	1,030 85	1 66
Whitcomb & Morris.....	1	300	525 00	1 42
Winona Bridge Ry. Co.....				
Wisconsin Central.....	150	56,769	99,576 48	1 75
Wisconsin & Michigan.....	15	5,322	8,647 50	1 62
Wisconsin & Northern.....	3	1,095	1,980 00	1 80
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	1	210	500 29	2 38
Mattoon Ry. Co.....	2	624	1,200 00	1 92
Total.....	8,443	2,741,660	\$5,295,442 03	\$1 92

WHOLE LINE, 1908—Continued.

Other trackmen.				Switchmen, flagmen and watchmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
8	2,539	\$3,809 38	\$1 50	1	365	\$480 00	\$1 32
10	2,860	4,004 13	1 40	2	881	1,454 20	1 65
50	8,091	15,366 12	1 90	1	312	540 00	1 73
4	975	1,463 28	1 50				
5,593	1,750,609	2,448,712 33	1 40	2,249	705,937	1,702,947 66	2 41
7,280	2,031,996	3,151,168 20	1 55	1,231	529,283	1,226,520 04	2 32
1,041	325,833	566,887 32	1 74	50	15,650	27,615 04	1 76
13,416	4,199,208	5,511,140 58	1 31	1,326	483,990	1,250,247 24	2 60
555	173,169	272,347 78	1 57	387	139,299	429,509 30	3 07
9	1,752	2,813 21	1 60				
4	1,377	2,002 42	1 45				
12	3,244	5,249 08	1 62				
379	140,302	239,492 35	1 71	32	11,906	16,602 07	1 39
15	1,550	2,202 50	1 55				
2	1,951	2,926 50	1 50	1	366	549 00	1 50
18,687	3,678,844	6,566,888 25	1 79	224	64,511	121,866 30	1 89
86	17,969	24,258 83	1 35	8	2,642	4,624 00	1 75
				2	91	182 90	2 00
1	206	397 88	1 93	2	307	579 63	1 88
4,958	1,830,327	2,530,595 31	1 38	603	236,169	359,042 91	1 52
18	3,690	4,982 11	1 35	1	360	540 00	1 50
11	4,680	5,519 21	1 18	2	720	1,145 29	1 59
11	3,930	6,797 05	1 73	6	2,352	4,579 21	1 95
11	2,017	2,985 91	1 48				
11	3,068	5,453 19	1 78				
1,267	330,683	530,721 21	1 60	41	16,420	27,163 25	1 65
9,957	2,390,679	3,916,442 60	1 64	305	109,192	196,562 14	1 80
	974	1,838 01	1 89	2	624	1,448 11	2 32
	617	887 56	1 44				
	213	369 67	1 72				
2	7,223	11,775 52	1 63	1	1,095	2,192 06	2 01
1	908	1,318 02	1 45				
50	153,149	210,624 66	1 38	95	32,570	41,504 71	1 27
11	6,384	8,601 66	1 35	4	1,452	1,768 44	1 22
1	1,872	2,620 80	1 40				
	1,135	1,876 94	1 65	1	335	520 74	1 55
1	3,120	5,150 00	1 65	1	312	683 00	2 20
63,99	17,087,144	\$26,069,689 56	\$1 53	6,578	2,357,141	\$3,429,870 24	\$2 30

EMPLOYES AND SALARIES.

Name of Company.	Telegraph operators and dispatchers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marengo.....	1	316	\$954 56	\$3 02
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	769	221,917	518,414 99	2 34
Chicago & Northwestern.....	714	235,063	635,867 22	2 71
Chicago, St. Paul, Minneapolis & Omaha.....	261	81,693	209,648 85	2 57
Chicago, Burlington & Quincy.....	1,471	527,815	1,257,372 26	2 38
Chicago, Lake Shore & Eastern.....	12	4,290	8,424 01	1 96
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	62	21,645	44,936 52	2 08
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	615	189,235	500,517 20	2 64
Green Bay & Western.....	3	1,025	2,050 60	2 00
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	649	284,699	659,233 69	2 52
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	2	430	960 00	2 00
La Crosse & Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....				
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie.....	117	48,126	116,553 47	2 42
Northern Pacific.....	838	342,169	892,362 70	2 61
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Logging R.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....				
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	124	46,503	95,728 00	2 65
Wisconsin & Michigan.....				
Wisconsin & Northern.....	3	1,296	2,800 48	2 16
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	5,581	2,005,832	\$4,945,523 95	\$2 46

WHOLE LINE, 1905—Continued.

Employees—account floating equipment.				All other employees and laborers.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
				7	1,966	\$2,948 98	\$1 50
				1	40	61 14	1 50
				9,945	3,387,841	7,469,109 13	2 20
				5,126	1,347,465	2,960,676 05	2 20
	313	\$1,160 33	\$3 71	810	253,530	571,478 48	2 25
				4,168	1,299,388	3,267,195 19	2 51
				145	49,987	106,892 86	2 14
				1	300	360 00	1 20
				190	67,790	149,496 02	2 21
				16	2,442	4,425 59	1 82
				2,679	745,275	1,650,040 95	2 21
				26	7,973	13,155 12	1 65
				1	121	242 80	2 09
12	5,233	10,675 23	202	4,862	1,807,075	3,447,916 39	1 91
				15	2,265	3,624 08	1 60
				5	1,852	2,866 40	1 55
				3	677	1,158 45	1 71
				1,017	350,696	717,771 68	2 05
31	11,476	30,181 98	2 63	2,929	1,208,110	2,491,033 85	2 01
				2	710	1,557 20	2 19
				1	186	293 05	1 57
				5	353	538 30	1 53
				6	590	1,033 50	1 77
				6	1,833	2,935 89	1 60
				541	165,169	284,207 59	1 72
				12	4,596	8,509 80	1 73
43	17,072	\$42,017 54	\$2 46	2,519	10,708,221	\$23,099,530 45	\$2 16

EMPLOYES AND SALARIES,

Distribution of

Name of Company.	General administration.				Maintenance of	
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.
Abbotsford & Northeastern.....	5	180	\$1,380 00	\$7 66	10	3,164
Ahnapee & Western.....	6	940	1,700 00	1 81	15	4,530
Ashland, Odanah & Marengo.....	2	627	2,598 53	4 14	53	9,029
Bayfield Transfer.....	2	626	2,803 50	4 48	7	1,347
Big Falls R'y Co.....						
Chicago, Milwaukee & St. Paul ¹						
Chicago & Northwestern.....	911	298,602	950,348 95	3 18	14,031	3,897,677
Chicago, St. P., Minn. & Omaha.....	212	76,132	244,690 67	3 21	1,625	508,685
Chicago, Burlington & Quincy.....	3,215	1,008,568	2,437,078 76	2 42	18,673	5,936,670
Chicago, Lake Shore & Eastern.....	44	13,772	45,584 51	3 31	670	212,519
Chicago, Harvard & Geneva Lake.....	2	730	1,885 00	2 58	10	1,925
Chicago & Lake Superior.....	1	313	1,200 00	3 80		
Chippewa River & Northern.....						
Chippewa Valley & Northern.....	1	100	250 00	2 50	4	1,377
Drummond & Southwestern.....	1	312	200 00	64	13	3,637
DuRuth, South Shore & Atlantic.....	93	32,074	106,330 43	3 32	516	190,240
Dunbar & Wausaukeo.....						
Fairchild & Northeastern.....	5	936	1,309 00	1 39	30	4,839
Great Northern.....	1,050	352,153	804,045 40	2 45	22,167	4,501,317
Green Bay & Western.....	6	1,872	12,600 00	6 73	142	35,788
Hawthorne, Nebagamon & Sup'r.....						
Hazelhurst & Southeastern.....	5	90			1	46
Hillsboro & Northeastern.....					1	513
Illinois Central.....	712	255,273	763,771 68	2 68	7,334	2,904,601
Iola & Northern.....					1	280
J. R. Davis Lumber Co., Logging R'y.....						
Kewaunee, Green Bay & Western.....	6	1,885	4,400 00	2 36	32	7,220
La Crosse & Southeastern.....	9	1,560	5,761 35	3 64	21	6,840
Lake Sup'r Terminal & Transfer... Laona & Northern.....	7	2,936	6,689 67	2 28	17	4,528
Marathon County R'y Co.....						
Marinette, Tomahawk & Western.....	2	454	1,361 85	3 05	23	4,172
Mineral Point & Northern.....	8	1,485	5,110 00	3 44	22	5,207
Minn., St. Paul & Sault Ste. Marie..	312	115,400	368,002 75	3 19	1,915	591,089
Northern Pacific.....	1,221	431,537	1,253,103 08	2 90	13,788	3,707,477
Northwestern Coal R'y Co.....	2	450	1,500 00	3 33	6	1,346
Oshkosh Transportation Co.....	2	625	999 96	1 60	4	1,115
Roddiss Lbr. & Veneer Co. Log. R'y.....					2	391
Robbins R'y Co.....						
Stanley, Merrill & Phillips.....	4	645	2,513 00	3 90	30	9,665
Superior & Southeastern.....						
Tomahawk & Eastern.....	5	69	225 36	3 26	23	1,933
Whitcomb & Morris.....	1	200	200 00	1 00	7	890
Winona Bridge R'y Co.....	1	314	300 00	96	6	1,833
Wisconsin Central.....	103	38,917	163,251 47	4 19	937	295,683
Wisconsin & Michigan.....	13	5,310	12,261 54	2 31	33	11,706
Wisconsin & Northern.....	4	292	3,372 00	11 55	9	2,667
Wisconsin, Ruby & Southern.....						
Waupaca-Green Bay.....						
Wisconsin Northwestern.....	2	624	2,400 00	3 84	11	3,313
Mattoon R'y Co.....	6	948	3,000 00	3 16	12	3,744
Total.....	7,984	2,676,931	\$7,272,228 46	\$2 72	82,201	22,809,308

¹ Not reported.

WHOLE LINE, 1908—Continued.

the foregoing.

way and structures.		Maintenance of equipment.				Conducting transportation.			
Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Avg daily compensation.
\$5,009 38	\$1 58					7	2,274	\$4,810 06	\$2 11
6,584 13	1 44					19	4,544	9,587 12	2 11
17,508 62	1 94	3	675	2,018 55	2 99	13	5,494	13,202 32	2 40
2,388 84	1 77	1	192	528 12	2 75	10	1,912	4,777 62	2 49
.....									
6,912,132 02	1 81	4,172	1,401,614	3,098,161 24	2 21	16,880	5,866,559	15,291,225 76	2 61
1,001,841 78	1 97	1,302	407,526	905,742 65	2 22	3,113	978,893	2,873,900 61	2 93
8,664,907 27	1 63	7,248	2,267,703	5,631,019 20	2 48	14,477	5,046,099	13,386,982 75	2 65
362,493 70	1 71	427	144,437	311,158 75	2 10	939	338,367	992,275 95	2 93
3,413 20	1 76					14	3,651	7,924 42	2 17
						4	1,252	1,800 00	1 46
.....									
2,002 42	1 45	2	26	50 09	1 93	7	1,411	4,013 52	2 84
5,929 22	1 63	3	794	2,305 44	2 90	3	1,047	2,415 56	2 31
335,860 55	1 77	323	119,034	239,767 33	2 01	870	310,152	793,597 39	2 56
		6	1,860	2,856 60	1 53	5	1,714	4,223 95	2 46
8,218 76	1 70					10	2,511	4,466 09	1 11
8,523,263 05	1 89	5,497	1,641,018	3,876,269 70	2 36	10,512	2,578,080	7,249,478 46	2 81
54,687 79	1 53	94	29,304	53,162 01	1 81	154	46,038	100,686 65	2 19
115 57	2 50	2	91	205 44	2 25	7	405	934 14	2 30
977 51	2 90	1	121	242 89	2 00	12	2,321	5,596 50	2 41
4,912,942 36	1 69	5,937	2,008,095	4,919,679 12	2 45	14,476	5,643,851	13,517,025 51	2 40
392 10	1 40					5	1,618	2,942 71	1 82
.....									
10,394 45	1 44	12	2,159	3,501 59	1 62	32	8,999	18,833 53	2 09
8,819 21	1 24					17	6,072	10,130 96	1 60
8,214 47	1 81	6	3,315	8,855 00	2 67	38	20,318	60,185 31	2 96
.....									
6,655 95	1 60	2	590	1,354 17	2 30	17	4,318	9,862 60	2 28
9,888 58	1 90	3	783	1,904 04	2 43	18	5,060	10,725 09	2 12
1,089,927 40	1 84	1,060	427,510	985,835 48	2 31	1,854	680,664	1,796,870 63	2 64
7,075,200 56	1 91	5,026	1,881,252	4,617,377 72	2 45	7,856	3,383,879	10,120,957 42	2 99
2,999 81	2 23	2	710	1,444 17	2 03	10	2,814	9,037 45	3 21
1,960 61	1 76								
679 98	1 74					4	1,095	2,329 38	2 12
17,367 19	1 80	6	1,995	4,967 45	2 49	14	7,770	17,608 75	2 27
.....									
2,689 51	1 39	2	104	207 80	2 00	17	496	1,449 62	2 92
1,558 50	1 75					2	626	1,350 00	2 16
2,935 89	1 60								
503,725 52	1 70	873	252,141	518,815 52	2 06	1,859	696,479	1,709,442 57	2 45
17,249 16	1 47	29	12,186	22,744 62	1 87	61	21,876	48,564 78	2 54
4,600 80	1 56	1	312	655 20	2 10	13	4,745	13,627 98	2 66
.....									
5,356 21	1 62					7	1,561	4,074 28	3 61
6,350 00	1 69	2	624	1,263 00	2 02	15	3,726	10,164 00	2 72
\$50,597,242 07	\$2 22	32,051	10,608,777	\$25,216,034 26	\$2 38	73,371	25,688,694	\$68,117,084 44	\$2 65

EMPLOYES AND SALARIES.

NAME OF COMPANY.	DISTRIBUTION—CONTINUED.			
	Traffic Expenses.			
	No.	Number of days worked.	Total yearly compensation.	Ave. daily compensation.
Abbotsford & Northeastern.....				
Alnapee & Western.....				
Ashland, Odamah & Marengo.....				
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	324	105,794	\$462,401 22	\$4 37
Chicago, St. P., Minneapolis & Omaha.....	100	31,612	126,108 75	3 99
Chicago, Burlington & Quincy.....	537	169,303	744,967 29	4 40
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	355	112,747	334,498 35	2 97
Green Bay & Western.....				
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	555	206,806	610,785 25	2 95
Iola & Northern.....				
J. R. Davis Lumber Co. Logging R'y.....				
Kewaunee, Green Bay & Western.....				
La Crosse & Southeastern.....				
Lake Superior Terminal and Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....	1	130	553 20	4 26
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie				
Northern Pacific.....	321	119,274	430,747 77	3 61
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddish Lumber & V. Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	234	1,055 00	4 51
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	52	140 55	2 70
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	104	37,908	137 376 78	3 62
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupesa—Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	2,299	783,800	\$2,848,634 19	\$3 63

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.—Concluded.

TOTAL, INCLUDING GENERAL OFFICERS.				TOTAL, EXCLUDING GENERAL OFFICERS.			
Number.	Number of days worked.	Total yearly compensation.	Average daily compensation.	Number.	Number of days worked.	Total yearly compensation.	Average daily compensation.
22	5,618	\$11,199 44	\$1 9	19	5,618	\$11,199 44	\$1 99
49	12,670	21,812 72	1 7	44	11,970	20,412 72	1 71
71	15,825	35,38 02	2 2	69	15,198	32,729 49	2 15
20	4,077	10,498 08	2 5	19	3,764	8,144 58	2 17
40,721	12,746,736	28,296,070 76	2 22	40,701	12,739,436	28,113,410 66	2 21
36,318	11,500,246	26,714,269 19	2 32	36,293	11,492,421	26,366,936 30	2 29
6,352	2,002,788	5,152,284 46	2 57	6,321	1,991,473	4,985,055 56	2 50
44,150	14,423,343	31,864,955 27	2 21	44,031	14,384,908	31,242,449 86	2 17
2,080	709,095	1,711,512 91	2 38	2,075	707,530	1,694,163 05	2 36
26	6,316	13,222 62	2 09	25	5,951	12,022 62	2 02
5	1,565	3,000 00	1 91	4	1,252	1,800 00	1 43
14	2,914	6,316 03	2 19	13	2,814	6,066 02	2 17
20	5,790	10,850 22	1 87	20	5,790	10,850 22	1 87
1,802	651,500	1,475,555 70	2 26	1,792	648,817	1,448,335 70	2 23
11	3,574	7,080 55	1 98	11	3,574	7,080 55	1 98
45	8,235	13,993 85	1 68	40	7,350	12,684 85	1 72
39,581	9,185,315	20,847,554 96	2 27	39,560	9,177,594	20,669,354 96	2 25
396	113,032	221,136 45	1 96	391	111,442	209,736 45	1 88
10	542	1,255 15	2 31	10	542	1,255 15	2 31
19	3,045	6,816 90	2 30	14	2,953	6,816 90	2 30
29,014	11,048,626	24,724,203 95	2 24	28,966	11,029,000	24,403,665 05	2 21
6	1,898	3,334 81	1 76	6	1,898	3,334 81	1 76
82	20,243	37,129 57	1 83	77	18,678	33,329 57	1 78
47	14,472	24,711 52	1 77	40	13,536	20,064 4	1 51
68	31,097	83,944 45	2 70	66	30,365	83,284 4	2 74
45	9,664	19,787 77	2 05	43	9,594	19,243 8	2 01
51	12,535	27,630 71	2 20	47	11,287	22,010 7	1 95
5,141	1,814,663	4,240,636 26	2 34	5,127	1,809,783	4,145,025 5	2 29
28,212	9,523,419	23,497,386 55	2 47	28,157	9,504,183	23,126,940 6	2 43
20	5,320	14,981 43	2 81	19	5,170	14,081 4	2 72
6	1,740	2,960 57	1 70	4	1,115	1,960 6	1 76
6	1,489	3,009 36	2 02	6	1,489	3,009 3	2 02
55	20,309	43,511 39	2 14	51	19,685	40,211 3	2 04
48	2,654	4,712 84	1 78	43	2,640	4,604 0	1 74
10	1,716	3,108 50	1 81	9	1,516	2,908 5	1 92
7	2,147	3,235 89	1 51	7	2,147	3,235 8	1 51
3,879	1,321,133	3,032,611 86	2 30	3,868	1,317,006	2,931,570 9	2 24
136	51,078	100,820 10	1 97	132	49,422	94,400 1	1 91
27	8,316	22,255 98	2 67	25	8,170	19,255 9	2 35
20	5,498	11,830 49	2 15	19	5,186	10,030 4	1 93
35	9,042	20,777 00	2 29	31	8,718	19,577 6	2 24
238,626	75,314,306	\$172,347,294 28	\$2 29	238,191	75,170,987	\$167,882,249 4	\$2 26

TRAFFIC AND MILEAGE STATEMENT
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Number of passengers carried earning revenue.	Number of passengers carried one mile.	Number of passengers carried one mile per mile of road.	Average distance carried—miles.
Abbotsford & Northeastern.....	6,979	91,324	6,024	13.09
Ahnapee & Western.....	52,931	1,042,658	30,667	19.70
Ashland, Odanah & Marengo.....				
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern ¹	6,723,236	224,879,372	113,940	33.45
Chicago, St. Paul, M. & O.....	1,697,991	84,090,628	110,952	49.52
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	115,467	6,952,413	60,043	60.21
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	7,268	154,710	4,071	20.28
Great Northern.....	271,299	5,725,802	150,402	21.10
Green Bay & Western.....	247,250	5,640,491	25,069	22.81
Hawthorne, Nebagamon & S.....	23	168	168	7.35
Hazelhurst & Southeastern.....	56	560	51	10.00
Hillsboro & Northeastern.....				
Illinois Central.....	117,850	2,004,553	21,953	17.01
Iola & Northern.....	8,270	38,869	1,760	4.70
J. R. Davis Lumber Co., Log. R'y.....				
Kewaunee, Green Bay & Western.....	69,127	1,455,897	39,670	21.06
La Crosse & Southeastern.....	59,226	1,495,352	35,093	25.24
Lake Superior Term. & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	18,265	127,406	4,977	6.97
Mineral Point & Northern.....	26,465	311,894	10,192	11.78
Minneapolis, St. Paul & S. Ste. M.....	351,979	15,813,331	44,795	44.93
Northern Pacific.....	393,556	8,771,956	65,088	22.29
Northwestern Coal R'y Co.....				
Roddis Lbr. & Veneer Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	9,764	254,040	4,267	26.02
Superior & Southeastern.....				
Tomahawk & Eastern.....	3,911	26,908	1,295	6.88
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	1,429,363	63,095,234	1,611	48.28
Wisconsin & Michigan.....	43,053	814,231	6,302	18.33
Wisconsin & Northern.....	27,468	223,000	1,333	16.12
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....	6,317	53,636	651	9.45
Wisconsin Northwestern.....				
Mattoon R'y Co.....	8,296	83,955	282	10.12
Total.....	11,698,407	429,214,478	71,165	36.69

¹Proportional.

STATISTICS, WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Traffic.

Total passenger revenue.	Average amount received from each passenger.	Average receipts per passenger per mile.	Total passenger service train revenue.	Passenger service train revenue per mile of road	Passenger service train revenue per train-mile.
\$3,641 05 32,303 06	\$0.51117 .61029	\$0.03987 .03098	\$4,492 83 39,454 08	\$296 36 1,160 41	\$0.44879 .92390
.....
4,069,659 75 1,682,656 99	.69531 .99097	.01810 .02001	5,137,990 03 1,985,542 98	2,603 27 2,619 80	1.11265 1.20095
.....
126,306 45	1.09387	.01817	140,334 27	1,211 97	.92541
5,188 57 103,219 01 153,551 59	.68000 .38046 .62104	.03353 .01803 .02722	6,814 89 114,499 02 179,561 22	179 34 3,007 59 798 05	1.18163 .65462
5 75 22 70	.25000 .40535	.03420 .04005	5 75 127 45	78 11 58	.00575 .05570
52,810 98 1,801 31	.44812 .21781	.02635 .04634	68,414 29 2,110 24	749 25 448 99	.69119 .17874
33,845 39 37,887 55	.44621 .63970	.02119 .02339	37,183 47 41,592 98	1,013 17 983 17	.82235 .68750
.....
5,345 99 8,351 29 399,034 33 176,037 32	.29269 .31556 .87799 .44730	.04275 .02677 .01954 .02007	6,597 12 10,949 51 358,912 70 204,694 40	252 70 357 83 1,016 72 1,518 84	.45966 3.36994 .86176 1.16176
.....
7,181 40	.73550	.02827	7,206 71	1,111 04	2.3986
1,443 14	.36899	.05333	1,685 78	81 16	.13000
1,287,308 57 21,467 46	.90062 .46618	.01866 .02543	1,555,975 85 24,299 15	1,754 22 320 42	.96721 .31938
14,091 38	.51300	.04108	14,468 01	572 20	.30161
2,279 97	.36100	.03819	2,347 17	238 29	.....
2,933 80	.35000	.03450	2,903 80	98 94	.71730
\$8,125,344 86	\$0.69540	\$0.01395	\$9,918,463 80	\$1,649 48	\$1.05191

²Applies to 21 roads reporting train mileage.

TRAFFIC AND MILEAGE

Freight

Name of Company.	Number of tons carried of freight earning revenue.	Number of tons carried one mile.	Number of tons carried one mile per mile of road.	Average distance haul of one ton—miles.
Abbotsford & N. E.....	76,623	1,149,400	75,818	14.99
Ahnapee & Western.....	57,034	1,234,500	36,309	21.61
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....				
Chicago & Northwestern ¹	7,914,586	1,251,071,027	633,880	158.00
Chi., St. P., M. & O.....	4,336,977	562,390,163	742,037	129.67
Chi., Burlington & Q.....				
Chi., Lake Shore & E.....				
Chi., Harv. & Geneva L.				
Chi., & Lake Superior.....				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....	33,083	270,650	33,083	8.18
Dul., S. S. & Atlantic..	347,542	21,054,084	181,830	60.58
Dunbar & Wausaukee...				
Fairchild & N. E.....	18,575	384,020	9,153	18.73
Great Northern	9,686,638	194,844,437	5,113,958	20.11
Green Bay & Western...	381,152	35,077,667	155,900	92.03
Haw., Nebag. & Sup....	12,250	89,706	12,250	7.35
Hazelhurst & S. E.....	127,079	647,211	26,744	5.09
Hillsboro & N. E.....				
Illinois Central	184,526	5,489,150	60,116	29.75
Iola & Northern	11,933	56,085	11,933	4.70
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W....	158,666	4,629,194	126,136	29.18
La Crosse & S. E.....	25,649	1,092,903	602	23.47
Lake Superior T. & T....				
Laona & Northern.....				
Marathon Co. Ry. Co....				
Marinette, T. & W.....	99,854	574,157	22,423	5.76
Mineral Point & N.....	119,995	1,246,877	39,214	10.39
M., St. P. & S. Ste. M.	1,392,435	232,766,895	659,377	167.17
Northern Pacific	1,943,899	33,741,140	250,361	17.36
N. W. Coal Ry. Co.....	367,948	930,908	116,363	2.53
R. L. & V. Co., L. Ry...	43,529	345,290	27,623	7.93
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	304,735	6,896,661	115,832	22.63
Superior & S. E.....				
Tomahawk & Eastern...	25,893	363,020	17,478	14.02
Whitcomb & Morris...				
Winona Bridge Ry. Co..				
Wisconsin Central	4,128,169	671,803,825	757,397	163.74
Wisconsin & Michigan..	224,326	7,042,712	52,573	31.39
Wisconsin & Northern..	43,057	719,913	1,705	16.72
Wis., Ruby & Southern.				
Waupaca-Green Bay ...	5,728	56,421	5,728	9.45
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	32,071,902	3,085,923,140	427,012	94.83

¹ Proportional.² Applies to 21 roads reporting train mileage.

STATISTICS, WISCONSIN, 1908—continued.

Traffic.

Total freight revenue.	Average amount received for each ton of freight.	Average receipts per ton per mile.	Freight revenue per mile of road.	Freight revenue per train-mile.
\$26,271 25 39,400 30	\$0.34284 .69082	\$0.02286 .03192	\$1,732 93 1,158 83	\$2.62423 .79404
.....
.....
10,850,014 59 3,969,204 82	1.37089 .91520	.00867 .00706	5,497 38 5,237 11	2.26688 1.80966
.....
.....
13,632 20	.41199	.05037	1,666 53	.....
199,883 91	.57514	.00949	1,726 26	1.34741
.....
11,768 61	.63356	.03381	309 70	.....
1,122,908 66	.11592	.00576	29,495 76	5.81661
399,233 37	1.04744	.01138	1,774 37	1.38896
.....
9,226 81	.75598	.01028	1,255 36	.....
18,053 16	.14203	.02789	745 99	1.0159
.....
62,308 44	.33767	.01135	682 88	.60302
4,614 06	.38966	.08227	.98171	.39082
.....
85,069 43	.53615	.01838	2,317 97	1.494 62
25,597 30	.99790	.....	600 73	.42007
.....
.....
41,416 47	.41477	.07213	1,617 83	2.88562
61,119 61	.50935	.04902	1,997 37	1.88078
1,298,679 52	.93267	.00558	3,678 87	2.10313
354,175 41	.18220	.01050	2,628 00	2.27588
.....
23,276 46	.06326	.02500	2,909 56	.....
5,342 97	.12274	.01547	427 44	.....
.....
114,409 24	.37544	.01659	1,921 55	2.875 98
.....
.....
12,481 87	.48203	.03488	.80096	.96259
.....
.....
4,410,751 46	1.06845	.00657	4,972 72	1.83038
138,515 56	.61747	.01967	1,823 64	1.97237
.....
19,715 93	.45790	.02740	780 83	.41013
.....
2,845 68	.49680	.05046	.28891	.....
.....
.....
\$23,319,912 09	\$0.72711	\$0.00771	\$3,874 98	\$2.09079

TRAFFIC AND MILEAGE STATISTICS,
Total

Name of Company.	Operating revenues.	Operating revenues per mile of road.	Operating revenues per train mile.
Abbotsford & Northeastern.....	\$31,453 01	\$2,074 73	\$3.14184
Ahnapee & Western	79,174 38	2,328 66	1.59561
Ashland, Odanah & Marengo.....	45,755 83	1,525 19	1.96385
Bayfield Transfer			
Big Falls R'y Co.....			
Chicago, Milwaukee & St. Paul..	16,822,348 70	9,433 64	2.08832
Chicago & Northwestern ¹	16,351,295 93	8,281 72	1.81287
Chi., St. P., Mpolis. & Omaha..	6,015,587 84	7,937 18	1.72770
Chicago, Burlington & Quincy....			
Chicago, Lake Shore & Eastern..			
Chi. Harvard & Geneva Lake....			
Chicago & Lake Superior.....			
Chippewa River & Northern.....			
Chippewa Valley & Northern.....			
Drummond & Southwestern.....	13,632 20	1,636 53	
Duluth, South Shore & Atlantic.	344,457 23	2,974 84	1.14654
Dunbar & Wausaukee.....			
Fairchild & Northeastern.....	18,601 07	489 50	
Great Northern	1,272,824 79	33,433 80	4.38871
Green Bay & Western.....	601,429 04	2,673 01	1.41153
Hawthorne, Nebagamon & Sup..	9,446 56	1,285 24	
Hazelhurst & Southeastern.....	18,180 61	751 23	1.61298
Hillsboro & Northeastern.....			
Illinois Central	132,526 40	1,451 39	.71207
Iola & Northern	6,749 20	1,436 02	.57168
J. R. Davis Lbr. Co., Log. R'y.....			
Kewaunee, Green Bay & West..	127,048 38	3,461 81	2.23217
La Crosse & Southeastern.....	67,490 28	1,583 90	1.11740
Lake Sup. Term. & Transfer.....			
Laona & Northern.....			
Marathon County R'y Co.....			
Marinette, Tomahawk & Western	48,031 09	1,876 21	3.34664
Mineral Point & Northern.....	73,057 13	2,387 40	2.27889
Mpolis., St. P. & S. Ste. Marie.	1,671,803 50	4,734 45	1.71574
Northern Pacific	579,758 51	4,301 83	1.88310
Northwestern Coal R'y Co.....	23,276 46	2,900 56	
Roddis L. & V. Co., Log. R'y...	5,312 97	427 44	
Robbins R'y Co.....			
Stanley, Merrill & Phillips.....	123,011 02	2,066 53	3.06034
Superior & Southeastern.....			
Tomahawk & Eastern.....	14,167 65	682 12	1.09259
Whitcomb & Morris			
Winona Bridge R'y Co.....			
Wisconsin Central	6,013,183 19	6,779 32	1.54602
Wisconsin & Michigan	166,941 05	2,198 04	1.13769
Wisconsin & Northern.....	34,750 64	1,376 62	.72462
Wisconsin, Ruby & Southern....			
Waupaca-Green Bay	5,245 73	532 56	
Wisconsin Northwestern			
Mattoon R'y Co.....	35,476 88	1,208 33	
Total	\$50,751,591 37	\$7,474 25	2\$1.84516

¹ Proportional.² Applies to 23 roads reporting train mileage.³ Deficit.

WISCONSIN, 1908—Continued.

Traffic.

Operating expenses.	Operating expenses per mile of road.	Operating expenses per train mile.	Net operating revenue.	Net operating revenue per mile of road.
\$29,405 84	\$1,939 69	\$2,93735	\$2,047 17	\$135 04
43,542 29	1,280 66	.87751	35,632 09	1,048 00
53,660 21	1,888 67	2.43187	³ 10,904 38	332 47
.....
9,938,241 39	5,601 01	1.24056	6,829,107 31	3,829 63
10,770,210 57	5,456 98	1.19410	5,581,025 33	2,827 74
4,170,443 47	5,502 63	1.19777	1,845,144 37	2,434 55
.....
.....
15,708 97	1,920 41	.....	² 2,076 77	² 253 85
362,217 70	3,128 23	1.20535	³ 17,700 47	³ 153 39
.....
17,988 05	473 37	.....	613 03	17 61
1,082,351 22	28,430 55	3.73193	190,473 57	5,003 25
417,785 72	1,853 82	.98053	183,643 32	816 19
.....
2,848 39	387 53	2.84839	6,598 17	897 71
13,306 29	549 83	1.18047	4,874 32	291 41
.....
169,981 52	1,831 59	.91332	³ 37,455 12	³ 410 20
7,414 78	1,577 61	.62805	³ 665 48	³ 141 59
.....
83,010 51	2,231 87	1.45845	44,037 87	1,199 94
46,632 16	1,034 39	.77211	20,858 12	489 51
.....
.....
41,911 08	1,637 15	2.92022	6,120 01	239 26
58,338 21	1,903 48	-1.79519	14,718 92	481 61
1,109,377 08	3,142 62	1.13887	531,931 42	1,591 83
647,853 44	4,807 10	2.10427	³ 38,004 93	³ 595 27
.....
22,043 76	2,755 47	.....	1,232 70	154 09
5,342 97	427 44	.....	.....	.....
.....
99,196 63	1,665 05	2.46727	23,844 39	400 48
.....
6,182 73	297 68	.47680	7,984 92	384 44
.....
4,353,992 79	4,914 37	1.12072	1,651,190 40	1,834 95
135,121 25	1,779 03	.92082	31,819 80	418 96
.....
28,264 99	1,119 41	.58923	6,494 65	257 21
.....
4,384 17	465 39	.....	831 56	67 17
.....
27,038 46	920 93	.....	8,438 42	287 40
.....
\$33,823,853 64	\$1,981 72	² \$1.22882	\$16,924,734 73	\$2,432 53

TRAFFIC AND MILEAGE STATISTICS,

Name of Company.	Locomotive mileage—			
	Freight locomotive—miles.	Passenger locomotive—miles.	Mixed locomotive—miles.	Special locomotive—miles.
Abbotsford & N. E....	10,011			
Ahnapee & Western....	6,916		42,704	
Ashland, Odanah & M.			24,309	
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P....	4,850,026	3,432,826	511,486	8,589
Chicago & Northwestern	4,855,537	4,372,934	334,989	7,292
Chi., St. P., M. & O...	2,006,591	1,415,255	257,055	2,220
Chi., Burlington & Q.				
Chi., L. S. & Eastern..				
Chi., Harv. & Geneva L.				
Chi. & Lake Superior..				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W....				
Dul., S. S. & Atlantic..	164,596	151,397		433
Dunbar & Wausaukee..				
Fairchild & N. E.....				
Great Northern	197,835	103,761	26	98
Green Bay & Western..	156,234	133,650	135,648	
Haw., Nebag. & Sup...			1,000	
Hazelhurst & S. E.....	8,984		2,283	
Hillsboro & N. E.....				
Illinois Central	87,567	83,333	15,684	67
Iola & Northern.....			11,806	
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	11,701		45,216	
La Crosse & S. E.....			60,935	
Lake Superior T. & T.				
Laona & Northern.....				
Marathon Co. Ry. Co..				
Marinette, T. & W....				
Mineral Point & N.....				
M., St. P. & S. Ste. M.	571,837	363,471	62,139	1,259
Northern Pacific	190,405	152,470	23,975	221
N. W. Coal Ry. Co....				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	15,152	136	25,010	288
Superior & Southeastern				
Tomahawk & Eastern..				
Whitcomb & Morris...				
Winona Bridge Ry. Co.				
Wisconsin Central	2,336,321	1,543,783	64,939	407
Wisconsin & Michigan..	59,861	76,197		314
Wisconsin & Northern..			47,969	
Wis., Ruby & Southern				
Waupaca-Green Bay ..				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	15,579,624	11,834,267	1,707,223	21,141

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—continued.

revenue service.		Non-revenue service locomotive—miles.	Car mileage—revenue service.			
Switching locomotive—miles.	Total in revenue service—miles.		Freight car—miles.			
			Loaded.	Empty.	Caboose.	Total.
	10,011		44,370	41,859		86,229
	49,620	3,717	137,276	43,195	6,916	187,387
7,695	32,004	14,376	124,330	124,330		248,760
2,500,730	11,303,607	264,525	90,630,976	31,425,135	4,035,175	126,091,286
2,322,146	11,942,948	402,142	84,212,305	34,219,040	4,426,320	122,857,665
577,762	4,238,833	116,769	33,172,275	11,937,332	1,823,175	46,933,282
95,436	95,436					
			15,607	9,759		25,366
14,088	330,517	21,032	1,342,478	674,876	157,322	2,174,676
396,914	698,634	32,680	6,142,205	3,062,436	183,107	9,392,793
43,334	473,916	10,380	2,370,043	657,805	150,317	3,178,665
	1,000	100	4,263	4,263	1,000	9,526
	11,272		73,267	72,271	8,984	154,522
3,280	189,995	2,272	539,303	298,926	89,391	927,620
	11,806		5,711	3,372		9,583
3,514	60,431	2,356	237,094	97,323	11,701	306,623
	60,935					
178,800	178,800					
32,169	1,030,995	31,251	14,528,162	3,437,251	543,995	18,514,408
96,945	464,016	22,453	2,210,630	773,525	126,703	3,115,858
34,208	74,794	9,594	301,734	279,409	12,520	593,673
558,133	4,530,638	122,732	39,598,203	14,324,045	2,353,037	56,250,285
10,637	147,009	5,877	361,651	186,088		547,739
	47,969	6,506	239,845	143,907	47,969	431,721
6,855,905	36,008,166	10,070,062	276,341,773	101,372,752	13,993,142	392,207,672

TRAFFIC AND MILEAGE STATISTICS,

Car Mileage
Revenue Service

Passenger Car Miles.

Name of Company.	Passenger.	Sleeping, parlor and ob- servation.	Other passenger train cars.	Total.
Abbotsford & N. E.	10,011			10,011
Ahnapee & Western	132,365			132,365
Ashland, Odanah & M.			23,299	23,299
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. Paul..	9,102,571	3,154,560	8,492,752	20,749,833
Chicago & N. W.	10,861,823	3,674,179	7,531,302	22,067,304
Chi., St. P., M. & O.	4,352,488	1,931,877	2,665,529	8,949,894
Chicago, Burl & Q.				
Chicago, L. S. & E.				
Chicago, Harv. & G. L.	22,652			22,652
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.	408,689	170,069	226,920	805,678
Dunbar & Wausaukee ..				
Fairchild & N. E.				
Great Northern	210,197	100,268	125,481	435,946
Green Bay & Western ..	494,614		302,292	796,903
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.			2,283	2,283
Hillsboro & N. E.				
Illinois Central	166,820		64,874	231,694
Iola & Northern	11,806			11,806
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	103,673			103,673
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.				
Mineral Point & N.				
M., St. P. & S. S. M.	686,694	492,072	547,452	1,726,218
Northern Pacific	363,177	114,476	189,063	663,716
N. W. Coal Ry. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.	33,155			33,155
Superior & S. E.				
Tomahawk & Eastern ..				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	3,819,164	1,646,680	2,638,505	8,104,349
Wisconsin & Michigan ..	152,394			152,394
Wisconsin & Northern ..	47,969			47,969
Wisconsin, Ruby & S.				
Waupaca-Green Bay				
Wisconsin Northwestern ..				
Mattoon Ry. Co.				
Total	30,980,262	11,284,181	22,806,757	65,071,200

TRAFFIC AND MILEAGE STATISTICS,

Name of Company.	CAR MILEAGE—concluded.			
	Revenue service—concluded.			Non-revenue service car miles.
	Special car miles—concluded.		Total in revenue service.	
	Other passenger-train cars	Total.		
Abbotsford & N. E.			96,240	
Ahnapee & Western			319,752	18,585
Ashland, Odanah & M.			272,059	
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. Paul.	2,775	18,470	146,859,639	3,137,580
Chicago & N. W.	246	98,189	145,023,158	2,732,899
Chi., St. P., M. & O.		57,443	55,990,619	1,368,059
Chicago, Burl. & Q.				
Chicago, L. S. & E.				
Chicago, Harv. & G. L.			48,018	
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.	545	1,185	2,981,539	36,228
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern		348	9,829,092	451,915
Green Bay & Western			3,075,571	51,900
Hawthorne, Nebag. & S.			9,526	
Hazelhurst & S. E.			156,810	
Hillsboro & N. E.				
Illinois Central			1,159,314	15,472
Iola & Northern			21,389	
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.			500,296	11,730
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.				
Mineral Point & N.				
M., St. P. & S. S. M.		5,752	20,246,378	13,802
Northern Pacific	1	409	3,779,933	220,108
N. W. Coal Ry. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		132	626,960	83,451
Superior & S. E.				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central		12,800	64,397,434	3,609,326
Wisconsin & Michigan			700,133	
Wisconsin & Northern			479,690	6,500
Wisconsin, Ruby & S.				
Waupaca-Green Bay				
Wisconsin N. W.				
Mattoon Ry. Co.				
Total	3,567	194,728	457,473,600	12,258,175

WISCONSIN, 1908—Continued.

TRAIN MILEAGE.					
Revenue service.					Non-revenue service train mileage.
Freight train—miles.	Passenger train—miles.	Mixed train—miles.	Special train—miles.	Total revenue train mileage.	
.....	.....	10,011	.....	10,011	.....
6,916	.....	42,704	.....	49,620	3,717
.....	.....	23,299	.....	23,299	14,376
.....
4,161,830	3,452,329	439,255	1,984	8,055,418	2,765,255
4,396,666	4,232,622	334,540	5,727	9,019,555	391,752
1,833,954	1,389,504	255,480	2,914	3,481,852	143,361
.....
25,366	22,652	.....	.....	48,018	.....
.....
148,347	151,646	.....	440	300,433	21,032
.....
193,025	96,873	26	98	290,022	32,496
151,785	138,650	135,648	.....	426,083	10,380
.....
8,984	.....	1,000	.....	1,000	100
.....	.....	2,383	.....	11,272	.....
87,132	83,297	15,684	.....	186,113	.....
.....	.....	11,806	.....	11,806	.....
.....
11,701	.....	45,216	.....	56,917	2,356
.....	.....	60,935	.....	60,935	.....
.....
.....	.....	14,352	.....	14,352	2,665
.....
557,616	357,483	59,004	.....	974,103	738
131,663	152,236	23,958	18	307,875	22,159
.....
15,054	136	24,727	288	40,205	7,246
.....
.....	.....	12,967	.....	12,967	1,252
.....
2,280,328	1,543,783	64,939	407	3,889,457	122,782
70,228	76,197	.....	314	146,739	5,377
.....
.....	.....	47,969	.....	47,969	6,500
.....
.....
14,080,645	11,697,408	1,675,808	12,190	27,466,051	3,554,044

TRAFFIC AND MILEAGE STATISTICS,

Name of Company.	Average number of passengers per car-mile.	Average number of passengers per train-mile.	Average number of passenger cars per train-mile.	Average number of tons of freight per loaded car-mile.
Abbotsford & N. E.....	9.00	9.00	1.00	25.93
Ahnapee & Western.....	8.00	24.00	3.07	8.99
Ashland, Odanah & M.....			1.00	
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....				
Chicago & N. W.....	10.19	48.70	4.78	14.81
Chi., St. P., M. & O.....	9.40	51.03	5.44	16.95
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....				
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	9.00	43.03	5.31	15.68
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern	13.00	59.00	4.49	31.72
Green Bay & Western ..	8.00	21.00	2.90	11.80
Hawthorne, Nebag. & S.....				3.00
Hazelnurst & S. E.....			1.00	8.83
Hillsboro & N. E.....				
Illinois Central	9.00	20.00	2.31	10.18
Iola & Northern	3.00	3.00	1.00	9.82
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....	14.00	32.00	2.21	13.12
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....		9.00		
Mineral Point & N.....				
M., St. P. & S. S. M.....	9.00	38.00	4.11	16.02
Northern Pacific	13.22	49.79	3.77	15.26
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....	8.00	10.00	1.33	22.85
Superior & S. E.....				
Tomahawk & Eastern ..		2.00		
Whitcomb & Morris				
Winona Bridge Ry. Co.....				
Wisconsin Central	9.00	43.00	5.04	16.97
Wisconsin & Michigan..	5.00	11.00	2.00	23.03
Wisconsin & Northern..	7.00	7.00	1.00	3.00
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	9.64	45.35	4.89	16.33
No. of roads reporting	17	22	21	18

WISCONSIN, 1908.—Concluded

Average number of tons of freight per train-mile.	Average number of freight cars per train-mile.	Average number of loaded cars per train-mile.	Average number of empty cars per train-mile.	Average mileage operated during year.
114.81	8.61	4.43	4.18	15.16
24.88	3.78	2.77	.87	34.00
		5.33	5.33	30.00
				1,783.23
261.38	25.08	17.61	8.07	1,973.67
269.15	22.49	15.88	6.61	757.90
				8.18
141.92	14.63	9.05	4.55	115.79
1,009.29	48.65	31.82	15.83	38.00
122.03	11.03	8.25	2.29	38.07
				225.00
12.00	8.09	4.00	4.00	7.35
57.41	12.91	6.49	6.42	24.20
53.37	9.02	5.25	2.91	91.31
4.75	.81	.48	.33	4.70
81.33	6.97	5.04	1.72	36.70
				42.61
40.00				25.60
				30.61
377.49	30.03	23.54	5.57	353.01
216.81	20.02	14.21	5.00	134.77
				8.00
				12.50
173.37	14.92	7.58	7.02	59.54
27.99				20.71
283.45	23.09	16.88	7.11	886.99
109.28	7.66	5.01	2.65	75.95
14.58	8.00	5.00	3.00	25.25
				9.85
				29.36
273.20	21.02	17.64	6.50	6,898.01
23	21	21	21	30

TRAFFIC AND MILEAGE STATISTICS,
Of Roads Operating in Wisconsin as Reported to the
Passenger

Name of Company.	Number of passengers carried earning revenue.	Number of passengers carried one mile.	Number of passengers carried one mile per mile of road.	Average distance carried—miles.
Abbotsford & N. E.....	6,979	91,324	6,024	13.09
Ahnapee & Western	52,931	1,042,668	30,667	19.70
Ashland, Odanah & M. Bayfield Transfer Big Falls Ry. Co.....				
Chi., Milw. & St. Paul..	14,234,127	619,468,248	82,604	43.52
Chicago & N. W.....	25,994,182	869,455,637	113,940	33.45
Chi., St. P., M. & O.....	3,761,787	186,436,709	108,065	49.56
Chicago, Burl. & Q.....	18,846,193	1,007,291,329	112,205	53.45
Chicago, L. S. & E.....				
Chicago, Harv. & G. L. Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	679,253	38,502,381	64,725	53.68
Dunbar & Wausaukee ..				
Fairchild & N. E.....	7,268	154,710	4,071	20.28
Great Northern	6,926,161	491,488,194	75,445	70.96
Green Bay & Western ..	247,250	5,640,491	25,069	22.81
Hawthorne, Nebag. & S. Hazelhurst & S. E.....	23 56	168 560	163 51	7.35 10.00
Hillsboro & N. E.....				
Illinois Central	23,357,184	591,860,642	133,891	25.34
Iola & Northern	8,270	38,869	1,760	4.70
J. R. v. L. Co., L. Ry. Kewaunee, G. B. & W..	69,127	1,455,897	39,670	21.06
La Crosse & S. E.....	59,226	1,495,352	35,093	25.24
Lake Superior T. & T.. Laona & Northern				
Marathon Co. Ry. Co....				
Marinette, T. & W.....	18,265	127,406	4,977	6.97
Mineral Point & N.....	26,495	311,894	10,192	11.78
M., St. P. & S. S. M....	1,606,991	128,293,907	59,685	79.83
Northern Pacific	7,889,333	794,351,948	141,039	100.80
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry.. Robbins Ry. Co.....				
Stanley, Merrill & P....	9,764	254,040	4,257	23.02
Superior & S. E.....				
Tomahawk & Eastern ..	3,911	26,908	1,295	6.83
Whitcomb & Morris				
Winona Bridge Ry. Co.. Wisconsin Central	1,613,863	85,341,123	1,578	52.88
Wisconsin & Michigan ..	81,217	1,488,943	11,115	18.33
Wisconsin & Northern ..	27,468	343,000	1,533	16.12
Wisconsin, Ruby & S.. Waupaca-Green Bay	6,317	59,696	651	9.45
Wisconsin Northwestern Mattoon Ry. Co.....	8,296	33,955	282	10.12
Total	105,532,907	4,825,106,009	102,259	45.68

¹ Applies to 23 roads reporting mileage.

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Traffic.

Total passenger revenue.	Average amount received from each passenger.	Average receipts per passenger per mile.	Total passenger service train revenue.	Passenger service train revenue per mile of road.	Passenger service train revenue per train-mile.
\$3,641 05 32,303 06	\$0.51117 .61029	\$0.03987 .03098	\$4,492 83 39,454 08	\$296 36 1,160 41	\$0.44879 .92390
11,883,394 66	.83485	.01918	15,524,480 16	2,070 14	1.15761
15,734,607 31	.60531	.01810	19,865,114 16	2,603 27	1.11965
3,690,483 65	.98105	.01979	4,389,565 71	2,544 35	1.17750
18,637,278 96	.98891	.01850	23,443,933 26	2,611 48	1.47418
939,125 94	1.42675	.02517	1,000,261 95	1,847 93	1.19828
5,183 57	.68000	.03353	6,814 89	179 34	
11,159,222 34	1.61117	.02270	13,446,963 85	2,064 14	1.50523
153,551 59	.62104	.02722	179,561 22	798 05	.65462
5 75	.25000	.03420	5 75	78	.00775
22 70	.40535	.04005	127 45	11 58	.05570
10,991,798 35	.47060	.01857	13,534,933 59	3,061 88	1.13473
1,801 31	.21781	.04634	2,110 24	443 99	.17874
30,845 39	.44621	.02119	37,183 47	1,013 17	.82235
37,837 55	.63970	.02593	41,892 98	933 17	.68750
5,345 99	.29269	.04275	6,597 12	252 70	.45966
8,351 29	.31566	.02677	10,949 51	357 33	.33694
2,681,221 84	1.66847	.02090	3,032,385 85	1,316 19	1.07428
18,133,238 52	2.30108	.02283	20,674,214 77	3,669 98	2.08532
7,181 40	.73550	.02827	7,206 71	121 04	.28986
1,443 14	.36899	.05363	1,685 78	81 16	.13000
1,538,310 55	.95319	.01803	1,909,646 07	1,807 19	1.00102
36,449 98	.44879	.02448	41,080 49	306 66	.30560
14,091 88	.51300	.04108	14,468 01	572 20	.50161
2,279 97	.36100	.03819	2,347 17	235 29	
2,903 80	.35000	.03450	2,903 80	93 94	.77730
\$35,761,976 04	\$0.51265	\$0.01793	\$117,319,380 87	\$2,484 23	\$1.32211

TRAFFIC AND MILEAGE STATISTICS.

Freight

Name of Company.	Number of tons carried of freight earning revenue.	Number of tons carried one mile.	Number of tons carried one mile per mile of road.	Average distance haul of one ton—miles.
Abbotsford & N. E....	76,628	1,149,400	75,818	14.91
Ahnapee & Western	57,034	1,234,500	33,300	21.61
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P....	26,187,853	4,980,485,243	644,133	199.17
Chicago & N. W.....	30,600,322	4,837,041,063	633,850	153.00
C., St. P., M. & O.....	6,624,850	928,637,226	538,272	140.17
Chicago, Burl. & Q.....	24,679,301	6,604,633,566	735,708	237.62
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.				
Chicago & Lake Sup....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....	33,088	270,659	33,088	8.18
Duluth, S. S. & Atl....	2,943,982	189,751,208	303,855	61.49
Dunbar & Wausaukee				
Fairchild & N. E.....	18,575	384,029	9,158	18.73
Great Northern	19,232,228	5,132,087,094	787,787	263.81
Green Bay & Western....	381,152	35,077,637	155,900	92.03
Hawthorne, Nebag. & S.	12,250	80,703	12,250	7.35
Hazellhurst & S. E.....	127,079	647,211	25,744	5.09
Hillsboro & N. E.....				
Illinois Central	25,017,062	6,038,541,933	1,333,044	241.09
Iola & Northern	11,933	56,085	11,933	4.70
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	158,666	4,620,194	123,136	29.18
La Crosse & S. E.....	25,649	1,092,993	602	23.47
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marineffe, T. & W.....	99,854	574,157	22,428	5.76
Mineral Point & N.....	119,995	1,246,877	39,214	10.39
M., St. P. & S. S. M..	4,439,183	961,934,837	417,523	216.60
Northern Pacific	15,836,833	5,153,378,369	915,334	325.60
N. W. Coal Ry. Co....	367,948	930,908	116,363	2.51
R. L. & V. Co., L. Ry.	43,529	345,290	27,623	7.93
Robbins Ry. Co.....				
Stanley, M. & P.....	304,735	6,895,651	115,832	22.53
Superior & S. E.....				
Tomahawk & Eastern..	25,893	333,020	17,478	14.02
Whitcomb & Morris....				
Winona Bridge Ry. Co.				
Wisconsin Central	4,418,135	792,278,054	774,662	174.32
Wisconsin & Michigan..	395,637	12,421,009	92,724	31.39
Wisconsin & Northern..	43,057	719,913	1,705	16.72
Wisconsin, Ruby & S.				
Waupac-Green Bay....	5,728	53,421	5,728	9.45
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	132,320,172	35,683,955,203	689,555	219.82

¹ Applies to 23 roads reporting train mileage.

WHOLE LINE, 1908.—Continued.
Traffic.

Total freight revenue.	Average amount received for each ton of freight.	Average receipts per ton per mile.	Freight revenue per mile of road.	Freight revenue per train-mile.
\$26,271 25 39,400 30	\$0.34281 .60082	\$0.02283 .03192	\$1,732 93 1,158 83	\$2.62423 .79404
40,421,879 64	1.54361	.00812	5,330 80	2.22076
41,919,629 54	1.37089	.00837	5,497 38	2.26388
8,294,691 33	1.25203	.00893	4,837 90	2.07751
52,568,751 78	2.13008	.00796	5,875 77	3.05817
13,632 20	.41199	.05037	1,638 53	
1,783,139 83	.60570	.00987	2,937 63	1.797 11
11,738 61	.63355	.03381	309 70	
40,046,333 85	2.08225	.00780	6,147 21	3.98 14
399,231 37	1.04744	.01138	1,774 37	1.38836
9,226 81	.75598	.01028	1,255 36	
18,053 16	1.4206	.02783	745 99	1.60150
35,337,810 92	1.41163	.00583	7,993 67	2.05938
4,614 03	.38363	.08227	981 71	.35082
85,039 43	.53615	.01838	2,317 97	1.49432
25,597 30	.99790		606 73	.42007
41,416 47	.41477	.07213	1,617 83	2.88532
61,119 61	.50935	.04902	1,997 37	1.88078
7,828,851 00	1.76358	.00814	3,398 07	2.50339
46,423,836 33	2.93139	.00900	8,240 92	3.87917
23,276 43	.06326	.02500	2,909 53	
5,342 97	1.2274	.01547	427 44	
114,409 24	.37544	.01659	1,921 55	2.87538
12,481 87	.48203	.03438	800 93	.93250
5,323,931 33	1.20502	.00372	5,205 55	1.94200
181,223 00	.45757	.01457	1,373 65	1.46150
19,715 93	.45790	.02740	780 83	.41013
2,845 68	.49380	.05016	283 91	
\$281,097,643 87	\$1.73175	\$0.01095	\$5,969 55	\$2.63903

TRAFFIC AND MILEAGE STATISTICS,

Total

Name of Company.	Operating revenues.	Operating revenues per mile of road.	Operating revenues per train-mile.
Abbotsford & Northeastern	\$31,453 01	\$2,074 73	\$3.14184
Ahnapee & Western	79,174 38	2,328 66	1.59761
Ashland, Odanah & Marengo.....	45,755 83	1,525 19	1.96385
Bayfield Transfer			
Big Falls Ry. Co.			
Chicago, Milwaukee & St. Paul ..	56,932,620 50	7,591 79	1.83618
Chicago & Northwestern	63,219,344 19	8,284 72	1.81287
Chi., St. Paul, Mpls. & Omaha ..	12,865,693 93	7,457 42	1.90403
Chicago, Burlington & Quincy ...	77,748,161 52	8,660 58	2.38674
Chicago, Lake Shore & Eastern			
Chicago, Harv. & Geneva Lake.....			
Chicago & Lake Superior			
Chippewa River & Northern			
Chippewa Valley & Northern			
Drummond & Southwestern	13,632 20	1,666 53	
Duluth, South Shore & Atlantic..	2,921,916 02	4,911 94	1.54016
Dunbar & Wausaukee			
Fairchild & Northeastern	18,601 07	489 50	
Great Northern	54,069,538 74	8,299 79	2.97457
Green Bay & Western	601,429 04	2,673 01	1.41153
Hawthorne, Nebag. & Superior..	9,446 56	1,285 24	9.44656
Hazelhurst & Southeastern.....	18,180 61	751 26	1.61298
Hillsboro & Northeastern			
Illinois Central	52,830,426 83	11,951 34	1.82726
Iola & Northern	6,749 30	1,436 02	.57168
J. R. Davis L. Co., Logging Ry.			
Kewaunee, Green Bay & Western	127,048 38	3,461 81	2.23217
La Crosse & Southeastern	67,490 28	1,583 90	1.11740
Lake Superior Term. & Transfer			
Laona & Northern			
Marathon County Ry. Co.....			
Marinette, Tomahawk & Western	48,031 09	1,876 21	3.34664
Mineral Point & Northern	73,057 13	2,387 49	2.37889
Mpls., St. Paul & Sault Ste. M..	11,014,214 93	4,780 66	1.96750
Northern Pacific	63,235,484 17	12,112 82	3.24298
Northwestern Coal Ry. Co.....	23,276 46	2,909 56	
Roddis L. & V. Co., L. Ry.....	5,342 97	427 44	
Robbins Ry. Co.....			
Stanley, Merrill & Phillips	123,041 02	2,066 53	3.06034
Superior & Southeastern.....			
Tomahawk & Eastern	14,167 65	682 12	1.09259
Whitcomb & Morris			
Winona Bridge Ry. Co.....			
Wisconsin Central	7,307,311 35	7,144 84	1.59600
Wisconsin & Michigan	226,429 83	1,691 03	.87492
Wisconsin & Northern	34,759 64	1,876 62	.72402
Wisconsin, Ruby & Southern			
Waupaca-Green Bay	5,245 73	532 56	
Wisconsin Northwestern			
Mattoon Ry. Co.....	35,476 88	1,208 33	
Total	\$408,752,501 24	\$8,565 23	\$2.19636

¹ Deficit

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908—Continued.

Traffic.

Operating expenses.	Operating expenses per mile of road.	Operating expenses per train-mile.	Net operating revenue.	Net operating revenue per mile of road.
\$29,405 84	\$1,939 69	\$2.93735	\$2,047 17	\$135 04
43,542 29	1,280 66	.87751	35,632 09	1,048 00
56,660 21	1,888 67	2.43187	110,804 38	1363 47
.....
37,163,368 43	4,955 62	1.23122	19,769,252 07	2,636 17
41,641,313 63	5,456 98	1.19410	21,578,030 56	2,327 74
8,542,489 67	4,951 54	1.19786	4,323,204 23	2,505 88
55,268,407 48	6,156 50	1.69665	22,479,754 04	2,504 08
.....
13,708 97	1,920 41	.....	2,076 77	253 88
2,206,214 69	3,708 80	1.16291	715,701 33	1,203 14
.....
17,988 05	473 37	.....	613 02	17 61
35,307,600 24	5,505 76	1.97331	18,201,938 50	2,794 03
417,785 72	1,856 32	.98053	183,043 32	816 19
.....
2,848 39	387 53	2.84839	6,598 17	897 71
13,306 29	549 83	1.18047	4,374 32	201 41
.....
37,893,478 82	8,572 29	1.31063	14,936,943 01	3,379 05
7,414 78	1,577 61	.62905	1665 48	141 59
.....
83,010 51	2,261 87	1.45345	44,037 87	1,199 94
46,632 16	1,094 39	.77211	20,858 12	489 51
.....
.....
41,911 03	1,637 15	2.92022	6,120 06	239 26
58,338 21	1,906 43	1.79519	14,718 92	481 01
7,081,117 29	3,073 52	1.26492	3,933,097 64	1,707 14
39,865,033 30	7,076 64	1.89464	28,370,450 87	5,036 18
.....
22,043 76	2,755 47	.....	1,232 70	154 09
5,342 97	427 44	.....	.....	.....
.....
99,196 63	1,666 05	2.46727	23,844 39	400 43
.....
6,182 73	297 68	.47680	7,934 92	384 44
.....
5,130,643 09	5,016 57	1.12059	2,176,608 26	2,123 27
183,264 97	1,375 52	.70313	43,164 86	322 22
.....
28,264 99	1,119 41	.58923	6,494 65	257 21
.....
4,334 17	465 39	.....	861 56	67 17
.....
27,038 46	920 93	.....	8,438 42	287 40
.....
\$271,869,937 77	\$5,696 91	\$1.46103	\$136,832,563 47	\$2,368 32

TRAFFIC AND MILEAGE STATISTICS.

Name of Company.	Locomotive mileage—revenue				
	Freight locomotive—miles.	Passenger locomotive—miles.	Mixed locomotive—miles.	Special locomotive—miles.	Switching locomotive—miles.
Abbotsford & N. E.	16,011				
Ahnapee & Western	6,916		42,704		
Ashland, Odamah & M.			24,309		7,675
Bayfield Transfer					
Big Falls Ry. Co.					
Chi., Milw. & St. Paul.	19,283,101	12,203,132	1,153,973	17,881	7,237,423
Chicago & Northwestern ...	18,773,254	16,907,161	1,488,491	28,194	8,978,159
Chi., St. Paul, Mpls. & O. ...	3,753,383	3,192,064	595,494	4,320	1,500,362
Chicago, Burl. & Quincy ...	17,742,510	15,700,139	1,219,351	23,913	8,226,070
Chicago, Lake Shore & E. ...					
Chicago, Harvard & G. L. ...					
Chicago & Lake Superior ...					
Chippewa R. & Northern ...					
Chippewa V. & Northern ...					
Drummond & S. W.					
Duluth, S. S. & Atlantic ...	1,105,515	897,732	12,678	1,968	361,670
Dunbar & Wausaukee ...					
Fairchild & Northeastern ...					
Great Northern	9,970,478	8,892,545	821,941	17,267	3,454,205
Green Bay & Western	156,234	138,650	135,648		43,384
Hawthorne, Nebag. & Sup. ...			1,000		
Hazelhurst & Southeastern ...	8,984		2,288		
Hillsboro & Northeastern ...					
Illinois Central	17,457,065	13,006,184	203,721	19,796	7,115,414
Iola & Northern			11,806		
J. R. D. L. Co., L. Ry.					
Kewaunee, G. B. & W.	11,701		45,216		3,514
La Crosse & Southeastern ...			60,935		
Lake Superior T. & T.					178,800
Laona & Northern					
Marathon County Ry. Co. ...					
Marinette, T. & W.					
Mineral Point & Northern ...					
Mpls., St. P. & S. S. M. ...	2,815,257	2,473,955	387,205	14,225	483,241
Northern Pacific	13,202,582	9,570,037	858,199	10,740	4,631,418
Northwestern Coal Ry. Co. ...					
R. L. & V. Co., L. Ry.					
Robbins Ry. Co.					
Stanley, Merrill & Phillips ...	15,152	136	25,010	288	34,208
Superior & Southeastern ...					
Tomahawk & Eastern					
Whitcomb & Morris					
Winona Bridge Ry. Co.					
Wisconsin Central	2,784,954	1,837,053	64,939	407	930,941
Wisconsin & Michigan	105,575	134,386		554	18,235
Wisconsin & Northern ...			47,969		
Wisconsin, Ruby & S.					
Waupaca-Green Bay					
Wisconsin Northwestern ...					
Mattoon Ry. Co.					
Total	107,231,772	83,543,179	7,202,968	139,554	43,239,779

WHOLE LINE, 1908—Continued.

service.	Non-revenue service locomotive miles.	Car mileage—revenue service.			
		Freight car—miles.			
		Loaded.	Empty.	Caboose.	Total.
10,011		44,370	41,859		86,229
49,620	3,717	137,276	43,195	6,916	187,387
32,004	14,376	124,380	124,380		248,760
39,834,510	1,395,220	335,634,877	128,917,870	16,515,737	481,083,484
46,175,250	1,554,810	325,591,727	132,301,761	17,113,570	475,007,061
9,045,623	219,558	59,035,207	20,993,299	3,375,115	83,408,621
42,911,983	1,997,810	376,533,520	157,400,380	15,845,242	549,891,142
		10,985,670	8,900,964		19,886,634
		31,213	19,518		50,731
2,379,563	63,745	10,458,976	5,235,785	986,822	16,681,533
22,656,436	1,636,137	250,428,909	75,960,538	9,402,852	335,722,597
473,916	10,380	2,370,043	657,805	150,817	3,178,655
1,000	100	4,263	4,263	1,000	9,526
11,272		73,267	72,271	8,984	14,522
36,892,180	586,122	322,235,987	145,909,117	17,438,004	485,683,103
11,806		5,711	3,872		9,584
60,431	2,356	287,094	97,828	11,701	393,623
60,935					
178,800					
6,208,965	234,427	62,289,834	17,537,607	2,758,404	82,585,845
28,272,976	1,981,034	273,358,841	64,978,992	11,505,528	349,543,361
74,794	9,594	301,738	279,409	12,530	593,673
5,648,299	142,691	45,519,082	16,852,945	2,779,777	65,151,804
258,800	10,365	556,704	328,197		834,901
47,969	6,500	239,845	143,907	47,969	431,721
241,357,252	9,868,942	2,076,328,530	776,870,765	97,710,938	2,950,910,233

TRAFFIC AND MILEAGE STATISTICS,

Car Mileage—

Revenue Service—

Passenger Car Miles.

Name of Company.	Passenger.	Sleeping, parlor and observation.	Other passenger train cars.	Total.
Abbotsford & N. E.	10,011	.....	.....	10,011
Alnapee & Western	132,335	.....	.....	132,335
Ashland, Odanah & M. ....	.....	.....	23,299	23,299
Bayfield Transfer .....	.....	.....	.....	.....
Big Falls Ry. Co. ....	.....	.....	.....	.....
Chi., Milw. & St. P.	31,333,937	11,973,542	23,236,283	69,633,795
Chicago & N. W.	41,995,283	14,205,552	29,118,424	85,319,259
C., St. P., M. & O.	9,695,645	3,681,535	5,650,831	19,030,981
Chicago, Burl. & Q.	40,579,655	20,823,444	30,439,559	91,842,658
Chicago, L. S. & E. ....	.....	.....	.....	.....
Chicago, Harv. & G. L.	45,305	.....	.....	45,305
Chicago & L. S. ....	.....	.....	.....	.....
Chippewa R. & N. ....	.....	.....	.....	.....
Chippewa V. & N. ....	.....	.....	.....	.....
Drummond & S. W. ....	.....	.....	.....	.....
Duluth, S. S. & Atl.	1,578,585	819,967	1,473,089	3,871,632
Dunbar & Wausaukee .....	.....	.....	.....	.....
Fairchild & N. E. ....	.....	.....	.....	.....
Great Northern	20,044,607	10,874,032	18,518,036	49,436,735
Green Bay & W.	491,614	.....	302,292	796,906
Hawthorne, Nebag. & S. ....	.....	.....	.....	.....
Hazelhurst & S. E. ....	.....	.....	2,288	2,288
Hillsboro & N. E. ....	.....	.....	.....	.....
Illinois Central	32,698,121	10,792,882	18,814,585	62,305,591
Iola & Northern	11,803	.....	.....	11,803
J. R. D. L. Co., L. Ry. ....	.....	.....	.....	.....
Kewaunee, G. B. & W.	103,673	.....	.....	103,673
La Crosse & S. E. ....	.....	.....	.....	.....
Lake Superior T. & T. ....	.....	.....	.....	.....
Laona & Northern .....	.....	.....	.....	.....
Marathon Co. Ry. Co. ....	.....	.....	.....	.....
Marinette, T. & W. ....	.....	.....	.....	.....
Mineral Point & N. ....	.....	.....	.....	.....
M., St. P. & S. S. M.	5,192,357	4,494,146	4,404,488	14,090,991
Northern Pacific	24,165,816	15,650,096	21,163,855	60,979,767
N. W. Coal Ry. Co. ....	.....	.....	.....	.....
R. L. & V. Co., L. Ry. ....	.....	.....	.....	.....
Robbins Ry. Co. ....	.....	.....	.....	.....
Stanley, M. & P.	33,155	.....	.....	33,155
Superior & S. E. ....	.....	.....	.....	.....
Tomahawk & Eastern .....	.....	.....	.....	.....
Whitcomb & Morris .....	.....	.....	.....	.....
Winona Bridge Ry. Co. ....	.....	.....	.....	.....
Wisconsin Central	4,546,184	2,015,210	3,231,420	9,792,814
Wisconsin & Michigan	268,772	.....	.....	268,772
Wisconsin & Northern	47,969	.....	.....	47,969
Wisconsin, R. & S. ....	.....	.....	.....	.....
Waupaca-Green Bay .....	.....	.....	.....	.....
Wisconsin N. W. ....	.....	.....	.....	.....
Mattoon Ry. Co. ....	.....	.....	.....	.....
Total	213,037,898	95,333,406	159,408,473	467,779,772

TRAFFIC AND MILEAGE STATISTICS,

Name of Company.	Car mileage—Concluded.			
	Revenue service—concluded.			Non-revenue service car-miles.
	Special car-miles—Concluded		Total in revenue service.	
	Other passenger-train cars.	Total.		
Abbotsford & N. E.....			96,210	
Abnapee & Western.....			319,752	18,585
Ashland, Odanah & M.....			272,059	
Bayfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P.....	10,008	85,603	559,897,882	13,705,920
Chicago & Northwestern.....	952	379,632	530,705,952	10,533,148
C., St. P., M. & O.....		75,672	102,515,274	2,437,141
Chi., Burl. & Quincy....	6,274	307,888	642,049,688	
Chicago, L. S. & Eastern.....			19,883,634	
Chi., Harv. & G. Lake.....			93,036	
Chicago & Lake Superior.....				
Chippewa River & N.....				
Chippewa Valley & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl....	1,192	10,525	20,533,740	181,635
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern	8,963	197,302	385,423,335	21,236,071
Green Bay & Western..			3,975,571	51,900
Hawth'ne, Neb. & Sup..			9,526	
Hazelhurst & S. E.....			153,810	
Hillsboro & N. E.....				
Illinois Central		322,395	548,261,094	4,722,253
Iola & Northern.....			21,389	
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....			500,293	11,780
La Crosse & S. E.....				
Lake Sup. T. & Trans..				
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marinette, Tom. & W.....				
Mineral Point & N.....				
M., St. P. & S. Ste. M.....	4,480	51,898	93,731,644	1,305,003
Northern Pacific	6,996	127,830	410,650,988	4,857,767
N. W. Coal R'y Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P.....		132	626,960	83,451
Superior & S. E.....				
Tomahawk & Eastern... ..				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central		13,058	74,957,676	4,148,680
Wisconsin & Michigan..			1,153,673	
Wisconsin & Northern.....			479,690	6,500
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	38,775	1,574,875	3,420,234,910	66,332,887

WHOLE LINE, 1908—Continued.

Train mileage.					
Revenue service.					Non-revenue service train-miles.
Freight train-miles.	Passenger train-miles.	Mixed train-miles.	Special train-miles.	Total revenue train mileage.	
.....	.....	10,011	.....	10,011	.....
6,916	.....	42,704	.....	49,620	3,717
.....	.....	23,209	.....	23,209	14,375
.....
16,712,290	11,972,455	1,483,921	10,462	30,184,128	8,632,643
16,998,919	16,364,670	1,483,751	22,145	31,872,485	1,514,640
3,399,291	3,134,511	593,323	4,307	7,131,432	215,453
15,975,838	15,335,651	1,212,110	21,387	32,574,983	1,401,520
611,213	.....	.....	.....	611,213	53,770
50,731	45,305	.....	.....	93,035	.....
.....
977,933	903,231	14,147	1,805	1,897,146	63,745
.....
9,228,134	8,122,783	810,699	15,614	18,177,223	1,610,305
151,785	138,650	135,648	.....	426,033	19,389
.....	.....	1,000	.....	1,000	190
8,984	.....	2,283	.....	11,272	.....
.....
16,965,493	11,724,170	203,689	19,034	28,912,385	450,314
.....	.....	11,806	.....	11,806	.....
.....
11,701	.....	45,216	.....	55,917	2,353
.....	.....	60,935	.....	60,935	.....
.....
.....	.....	14,352	.....	14,352	2,355
.....
2,771,502	2,470,663	352,039	3,858	5,578,051	75,183
11,115,133	9,031,823	852,340	11,697	21,040,998	1,701,741
.....
15,054	136	21,727	283	40,205	7,213
.....
.....	.....	12,937	.....	12,937	1,252
.....
2,676,110	1,837,053	64,939	497	4,578,523	112,371
123,830	134,383	.....	554	253,890	10,355
.....
.....	.....	47,939	.....	47,939	6,530
.....
97,830,839	81,275,559	7,511,903	111,558	183,721,919	15,935,980

TRAFFIC AND MILEAGE STATISTICS.

Name of Company.	Average number of passengers per car-mile.	Average number of passengers per train-mile.	Average number of passenger cars per train-mile.	Average number of tons of freight per loaded car-mile.
Abbotsford & N. E.....	9.00	9.00	1.00	25.90
Ahnapee & Western....	8.00	24.00	3.09	8.99
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P....	9.00	46.00	5.17	14.84
Chicago & Northwestern	10.19	48.70	4.78	14.84
Chi., St. P., M. & O....	16.00	50.00	5.11	15.73
Chi., Burlington & Q...	10.97	60.76	5.54	17.54
Chi., L. S. & Eastern..				
Chi., Hary. & Geneva L.				
Chi., & Lake Superior.				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....				
Dul., S. S. & Atlantic..	10.00	42.00	4.22	17.28
Dunbar & Wausaukee..				
Fairchild & N. E.....				
Great Northern	9.00	55.00	5.53	20.49
Green Bay & W.....	8.00	21.00	2.90	14.80
Haw., Nebag. & Sup...				3.00
Hazelhurst & S. E.....			1.00	8.83
Hillsboro & N. E.....				
Illinois Central	9.00	50.00	5.22	18.74
Iola & Northern.....	3.00	3.00	1.00	9.82
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	14.00	32.00	2.29	16.12
La Crosse & S. E.....				
Lake Superior T. & T.				
Laona & Northern.....				
Marathon Co. Ry. Co...				
Marinette, T. & W.....		9.00		
Mineral Point & N.....				
M., St. P. & S. Ste. M.	9.00	45.00	4.99	15.44
Northern Pacific	13.03	80.12	6.15	18.86
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	8.00	10.00	1.33	22.86
Superior & Southeastern				
Tomahawk & Eastern...		2.00		
Whitcomb & Morris....				
Winona Bridge Ry. Co.				
Wisconsin Central	9.00	45.00	5.15	18.75
Wisconsin & Michigan..	5.00	11.00	2.00	22.31
Wisconsin & Northern..	7.00	7.00	1.00	3.00
Wis., Ruby & Southern				
Waupaca-Green Bay ...				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	10.31	54.38	5.27	17.28
No. of roads reporting..	19	23	21	21

WHOLE LINE, 1908—concluded.

Average number of tons of freight per train-mile.	Average number of freight cars per train-mile.	Average number of loaded cars per train-mile.	Average number of empty cars per train-mile.	Average mileage operated during year.
114.81	8.61	4.43	4.18	15.16
24.88	3.78	2.77	.87	34.00
.....	.....	5.33	5.33	30.00
.....
273.59	25.52	18.44	7.08	7,499.23
261.38	25.68	17.61	8.07	7,650.84
232.59	20.89	14.79	6.10	1,725.22
384.26	31.99	21.91	9.16	8,977.25
.....	31.01	17.13	13.88	379.63
.....
.....	.....	.....	.....	8.18
182.19	16.81	10.54	5.28	594.86
.....
511.22	33.45	24.95	7.57	38.00
122.03	11.06	8.25	2.29	6,514.56
.....	.....	.....	.....	225.00
12.00	8.00	4.00	4.00	7.35
57.41	12.91	6.49	6.42	24.20
.....
351.71	28.29	18.77	8.50	4,420.46
4.75	.81	.48	.33	4.70
.....
81.33	6.97	5.04	1.72	36.70
.....	.....	.....	.....	42.61
.....	.....	.....	.....	21.05
.....
40.00	.....	.....	.....	25.60
.....	.....	.....	.....	30.60
307.96	26.44	19.94	5.61	2,303.91
430.87	29.21	22.84	5.43	5,635.33
.....
.....	.....	.....	.....	8.00
.....	.....	.....	.....	12.50
173.37	14.92	7.58	7.02	59.54
.....
27.99	.....	.....	.....	20.71
.....
289.04	23.77	16.60	7.17	1,022.74
100.25	7.14	4.49	2.65	133.96
.....
14.53	8.00	5.00	3.00	25.25
.....
.....	.....	.....	.....	9.85
.....	.....	.....	.....	29.36
.....
395.32	30.93	21.79	8.16	47,743.35
22	23	23	23	33

WISCONSIN FREIGHT TRAFFIC
(Companies' Material Excluded) as Reported to the Railroad
Products of

Name of Company.	Grain.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern.....				
Ahnapee & Western.....	4,099	2,482	6,581	11.54
Ashland, Odanah & Marengo.....		80	80	0.01
Bayfield Transfer				
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul....	295,732		295,732	4.12
Chicago & Northwestern.....	104,674	239,653	344,327	3.75
Chicago, St. Paul, Minneapolis & O.	104,497	62,063	166,560	7.23
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake..				
Chicago & Lake Superior.....		20	20	.80
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic....	1,590	9,174	10,764	3.69
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	838	626	1,464	7.83
Great Northern				
Green Bay & Western.....	22,102	14,122	36,224	9.50
Hawthorne, Nebagamou & Superior ¹				
Hazelhurst & Southeastern.....		208	208	.16
Hillsboro & Northeastern.....				
Illinois Central	201	2,514	2,715	1.47
Iola & Northern.....	159	212	371	3.19
J. R. Davis Lum. Co., Logging Ry.				
Kewaunee, Green Bay & Western..	5,620	21,712	27,332	17.23
La Crosse & Southeastern.....	256	455	711	2.87
Lake Superior Terminal & Transfer				
Laona & Northern.....				
Marathon County Ry. Co.....				
Marquette, T. & W.....		702	702	.70
Mineral Point & Northern	81	56	137	.11
Minneapolis, St. Paul & S. Ste. M.	74,581	1,215	75,881	5.45
Northern Pacific	18,383	239,672	258,055	13.28
Northwestern Coal Ry. Co.....				
Roddis L. & V. Co., Logging Ry...				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips	217	301	518	.17
Superior & Southeastern				
Tomahawk & Eastern		109	109	.42
Whitcomb & Morris				
Wisconsin Central	30,440	103,295	133,835	3.31
Wisconsin & Michigan	56	247	303	.11
Wisconsin & Northern	24	322	346	.88
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	663,558	702,420	1,365,978	4.64

¹ No traffic after September 20, 1907.

REPORT OF THE RAILROAD COMMISSION.

889

MOVEMENT, 1908.

Commission for the Year Ending June 30, 1908.

Agriculture.

Freight originating on this road in Wisconsin—Whole tons.	Flour.			Other mill products.			
	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin—Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
46	863	909	1.59		148	148	0.23
143,380		143,380	2.00	158,974		158,974	2.22
13,928	78,337	92,265	1.00	33,629	66,336	99,965	1.09
23,149	12,295	35,444	1.56	32,837	20,134	52,971	2.33
	200	200	8.04		160	160	4.02
9,073	7,468	16,541	4.82	2,379	11,005	13,384	4.02
				30	258	288	1.55
2,833	3,120	5,953	1.56	699	1,938	2,637	1.09
	274	274	.22		262	262	.21
17	2,415	2,432	1.32	40	1,849	1,889	1.62
118	295	413	3.46		31	31	.25
1,242	822	2,064	1.30	207	3,391	3,601	2.27
45	811	856	3.34		9	9	.03
16	341	341	.34		150	150	.15
245,132	675	691	.58	13	47	60	.05
5,368	2,339	247,471	17.77	26,124	817	26,941	1.93
	5,036	10,404	.54	4,785	5,128	9,913	.51
	185	185	.07	36	47	83	.03
	119	119	.46				
5,159	193,921	199,080	4.82	9,589	48,845	58,434	1.41
45	17	62	.02	35	12	47	.02
3	227	230	.52		34	24	.03
449,554	209,820	759,374	2.68	239,377	161,144	400,521	1.46

WISCONSIN FREIGHT TRAFFIC

Products of

Name of Company.	Hay.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road, originating outside of Wisconsin—and all other freight received from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western	2,133		2,133	3.74
Ashland, Odanah & Marengo		290	290	.04
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul ...	34,549		34,549	.48
Chicago & Northwestern	33,499	10,228	43,727	.48
Chicago, St. Paul, Mpls. & Omaha..	13,047	42,267	55,314	2.43
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake ..	88		88	.11
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	1,910	11,506	13,416	3.86
Dunbar & Wausaukee				
Fairchild & Northeastern	607		607	3.26
Great Northern				
Green Bay & Western	2,882	54	2,936	.77
Hawthorne, Nebagamon & Superior..				
Hazelhurst & Southeastern		1,121	1,121	.88
Hillsboro & Northeastern				
Illinois Central	356	217	573	.31
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry. ..				
Kewaunee, Green Bay & Western ..	4,462	302	4,764	3.00
La Crosse & Southeastern	20	86	106	.42
Lake Superior Terminal & Transfer..				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western ..		439	439	.44
Mineral Point & Northern		31	31	.02
Mpls., St. Paul & Sault Ste. Marie.	15,817	135	15,952	1.15
Northern Pacific	891	6,952	7,843	.40
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	416	25	441	.14
Superior & Southeastern				
Tomahawk & Eastern		97	97	.38
Whitcomb & Morris				
Wisconsin Central	23,439	2,209	25,648	.62
Wisconsin & Michigan	79	366	445	.18
Wisconsin & Northern	34	315	349	.75
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	134,229	76,640	210,869	.71

REPORT OF THE RAILROAD COMMISSION.

MOVEMENT, 1908—Continued.

Agriculture—Continued.

Tobacco.				Fruit and vegetables.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight received from connecting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight received from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
				9,116	386	9,502	16.66
35,153		35,153	.49	47,239		47,239	.66
7,598	924	8,522	.09	55,410	16,722	102,132	1.11
	389	389	.02	13,516	39,089	52,605	2.31
187		187	.07	450		450	19.00
				318	4,022	4,340	1.24
				823	12	835	4.49
718	36	754	.20	49,489	3,224	52,713	13.83
	3	3			98	98	.07
	73	73	.04	223	1,067	1,290	.70
				6,061		6,061	50.79
	233	233	.15	7,410	6,090	13,500	8.51
1,094		1,094	4.26	550	20	570	2.22
				85	12	97	.10
				12	81	93	.08
	121	121	.01	13,021	2,912	15,933	1.14
				2,565	10,485	13,050	.67
				15		15	
504	776	1,280	.03	89,326	10,770	100,096	2.42
				37		37	.01
					12	12	.03
45,254	2,555	47,809	.16	325,666	95,002	420,668	1.43

WISCONSIN FREIGHT TRAFFIC
Products of Agriculture—Concluded.

Name of Company.	Cotton and other products of agriculture.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight re'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern	1,793	100	1,833	3.32
Alnape & Western				
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	75,636		75,696	1.03
Chicago & Northwestern	144,367	36,141	180,508	1.95
Chicago, St. Paul, Mpls. & Omaha ..	375	1,269	1,644	.08
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic				
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern		365	3,479	.91
Green Bay & Western	3,114			
Hawthorne, Nebagamon & Superior ..				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central				
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western ..	1,837	3,016	4,853	3.06
La Crosse & Southeastern				
Lake Superior Terminal & Transfer.				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western				
Mineral Point & Northern	201	253	451	.88
Mpls., St. Paul & Sault Ste. Marie.	453	1,428	1,884	1.14
Northern Pacific		21	21	
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central				
Wisconsin & Michigan	573		573	.22
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	228,412	42,593	271,005	.92

¹ Including eggs.

WISCONSIN FREIGHT TRAFFIC

Products of

Name of Company.	Live Stock.			
	Freight originating on this road in Wiscon- sin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per- cent.
Abbotsford & Northeastern				
Ahnapee & Western	1,000	48	1,948	3.42
Ashland, Odanah & Marengo	56		56	.07
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	190,844		190,844	2.66
Chicago & Northwestern	133,282	16,794	150,076	1.63
Chicago, St. Paul, Mpls. & Omaha ..	7,376	25,495	32,871	1.45
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake ..	429		429	.55
Chicago & Lake Superior	1,520		1,520	61.14
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic ...	229	116	345	.09
Dunbar & Wausaukee				
Fairchild & Northeastern	423	21	444	2.29
Great Northern				
Green Bay & Western	12,396	400	12,796	3.56
Hawthorne, Nebasamon & Superior ..				
Hazellhurst & Southeastern		41	41	.03
Hillsboro & Northeastern				
Illinois Central	14,559	594	15,033	8.36
Iola & Northern	775		775	6.49
J. R. Davis Lbr. Co., Logging Ry. ...				
Kewaunee, Green Bay & Western ..	1,853	1,165	3,018	1.90
La Crosse & Southeastern	2,283	40	2,323	9.05
Lake Superior Terminal & Transfer ..				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western ...				
Mineral Point & Northern	3,240	273	3,513	2.93
Mpls., St. Paul & Sault Ste. Marie ..	6,604	329	7,323	.53
Northern Pacific	885	1,732	2,617	.14
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry. ...				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	183		183	.06
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central	24,979	8,818	33,797	.82
Wisconsin & Michigan				
Wisconsin & Northern		33	33	.03
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	404,206	55,809	460,015	1.56

MOVEMENT, 1908—Continued.

Animals—Continued.

Freight originating on this road in Wisconsin. Whole tons.	Dressed Meats.			Other packing house products.			
	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin Whole tons.	Freight received from this road originating outside of Wisconsin—all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
	33	33	.04	133	164	297	.02
22,027		22,027	.31	13,326		13,326	.19
77,411	1,186	73,597	.86	8,810	493	9,303	.10
2,540	644	3,184	.14	3,900	9,853	13,753	.61
	3,616	3,616	1.04		522	522	.15
				231		231	.06
	9	9			38	38	.03
				59	13	72	.01
1	27	28	.03		3	3	
16,819	497	17,316	1.24	2,164	260	2,424	.17
73	355	428	.02		281	281	.01
680	2,981	3,661	.09	1,455	3,903	5,363	.12
119,551	9,343	128,899	.44	80,078	15,540	45,618	.15

WISCONSIN FREIGHT TRAFFIC

Products of

Name of Company.	Poultry, game and fish.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western	77		77	.14
Ashland, Odamah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	1,136		1,136	.62
Chicago & Northwestern	2,247	1,810	4,057	.64
Chicago, St. Paul, Mpls. & Omaha	33	2,000	2,033	.09
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	346	122	468	.13
Dunbar & Wausaukee				
Fairechild & Northeastern				
Great Northern				
Green Bay & Western	257	118	375	.10
Hawthorne, Nebagamon & Superior				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central		13	13	.01
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western ..	318	325	643	.11
La Crosse & Southeastern	30		30	.11
Lake Superior Terminal & Transfer				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western ..				
Mineral Point & Northern				
Mpls., St. Paul & Sault Ste. Marie ..	217	2,362	2,579	.19
Northern Pacific	11	373	384	.02
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central Ry. Co.	346	2,274	2,620	.07
Wisconsin & Michigan				
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	5,028	9,402	14,430	.05

WISCONSIN FREIGHT TRAFFIC

Products

Name of Company.	Anthracite coal.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & N. E.		942	942	1.65
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. P.	296,693		296,693	4.14
Chicago, & N. W.	378,836	5,879	384,715	4.19
C., St. P., M. & O.	22,791	22,653	45,444	2.00
Chicago, Burl. & Q.				
Chicago, L. S. & E.				
Chicago, Harv. & G. L.				
Chicago & L. S.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		2,039	2,039	.58
Dunbar & Wausaukee				
Fairchild & N. W.		146	146	.78
Great Northern				
Green Bay & W.	8,610	1,093	9,703	2.55
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.		226	226	.17
Hillsboro & N. E.				
Illinois Central		3,885	3,885	2.11
Iola & Northern		224	224	1.87
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	1,612	743	2,355	1.48
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette. T. & W.				
Mineral Point & N.		15,220	15,220	12.68
M., St. P. & S. S. M.		1,575	1,575	.11
Northern Pacific	281,489	13,149	294,638	15.16
N. W. Coal Ry. Co.	50,308		50,308	13.67
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, M. & P.		44	44	.01
Superior & S. E.				
Tomahawk & Eastern		2,736	2,736	10.57
Whitcomb & Morris				
Wisconsin Central		76,305	76,305	1.85
Wisconsin & Michigan	179	21	200	.03
Wisconsin & Northern				
Wisconsin, R. & S.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	1,040,518	146,880	1,187,398	4.04

REPORT OF THE RAILROAD COMMISSION.

MOVEMENT, 1908.—Continued
of Mines.

Freight originating on this road in Wisconsin. Whole tons.	Bituminous coal.			Coke.			
	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
	4,469	4,469	7.81				
695,415		695,415	9.70	279,676		279,676	3.90
739,400	60,009	799,409	8.70	101,532	4,314	105,846	1.15
114,776	38,102	152,878	6.72	17,082	1,290	18,372	.81
	9,669	9,669	2.39				
	5,280	5,280	1.51	82		82	.02
	1,693	1,696	9.23				
95,588	22,101	117,689	30.88	17	228	245	.07
	228	228	.17				
	65,940	65,940	35.73		448	448	.21
	207	207	1.73				
29,088	10,446	39,534	24.92				
	6,535	6,535	25.40				
114	1,272	1,333	1.39				
369	22,002	22,371	18.64				
	114,518	114,518	8.22		1.836	1,836	.14
613,762	111,852	725,614	37.33	13,168	7,579	20,747	1.07
317,640		317,640	83.33				
15	4,323	4,351	1.43				
	333,618	333,618	8.08	9,974	2,698	12,672	.30
4,311	25,297	29,608	11.40		1,608	1,608	.61
	495	495	1.25				
2,610,478	838,072	3,448,550	11.74	421,531	20,031	441,562	1.50

WISCONSIN FREIGHT TRAFFIC

Products of Mines—Continued.

Name of Company.	Ores.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & N. E.....				
Ahnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....	187,000		187,000	2.51
Chicago & N. W.....	444,228	1,031	445,259	4.55
C., St. P., M. & O.....	29,214	204	29,418	1.22
Chicago, Burl. Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....				
Chicago & L. S.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	402		402	.11
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....				
Green Bay & W.....				
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....			1,000	.59
Illinois Central.....	1,090			
Iola & Northern.....				
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....				
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				
Mineral Point & N.....	26,622	29,459	56,078	46.74
M., St. P. & S. S. M.....		5,723	5,723	.41
Northern Pacific.....		22,940	22,940	1.16
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, M. P.....				
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Wisconsin Central.....	448,923	300,853	749,779	18.17
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, R. & S.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total	1,137,679	360,210	1,497,689	5.09

WISCONSIN FREIGHT TRAFFIC

Products of Forest—concluded.

Name of Company.	Other products of forest.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & N. E.....	61,624	4,342	68,966	90.00
Ahnapee & Western.....	2,241	2,874	5,135	9.00
Ashland, Odanah & M.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....	985,830		985,830	13.75
Chicago & N. W.....	1,999,153	339,980	2,339,133	25.45
C., St. P. M. & O.....	910,581	42,416	952,997	41.92
Chicago, Burl. & Q.....				
Chicago, L. S. & Eastern.....				
Chi., Harv. & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	53,000	3,500	53,500	79.00
Drummond & Southwestern.....	32,620		32,620	98.50
Duluth, South Shore & Atlantic....	55,201	8,665	64,863	18.63
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	7,767	271	8,038	42.24
Great Northern.....				
Green Bay & Western.....	13,329	10,401	23,733	6.23
Hawthorne, Nebag. & Superior.....	510		510	4.17
Hazlhurst & Southeastern.....	67,728	351	68,089	53.61
Hillsboro & Northeastern.....				
Illinois Central.....				
Iola & Northern.....	663	44	707	5.92
J. R. Davis Lbr. Co., Logging R'y.....				
Kewaunee, Green Bay & Western..	2,923	2,302	5,225	3.20
La Crosse & Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western..				
Mineral Point & Northern.....				
Mpolis., St. Paul & Sault Ste. M...	292	210	502	.42
Northern Pacific.....	10,276	2,446	12,722	.91
	53,688	105,726	165,414	8.51
Northwestern Coal R'y Co.....				
Roddis Lbr. & V. Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	24,158	11,483	33,641	85.53
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Wisconsin Central.....	500,988	220,526	721,514	17.47
Wisconsin & Michigan.....	141,465	20,792	162,257	61.45
Wisconsin & Northern.....	23,075	6,344	29,419	67.80
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	5,187,165	782,706	5,969,871	20.32

MOVEMENT, 1908.—Continued

Manufactures.

Petroleum and other oils.				Sugar.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin—Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
	463	463	.81	18	352	370	.65
5,566		5,566	.08				
6,138	17,785	23,923	.26	14,245	3,214	17,460	.19
5,677	2,522	8,199	.36	4,133	701	4,834	.21
	16	16					
13	38	51	.01		2,584	2,581	.74
	49	49	.30				
29	2,008	2,037	.54	1,551	1,820	3,371	.89
	176	176	.14		62	62	.05
14	1,335	1,349	.73		1,543	1,513	.84
					218	218	1.82
197	660	857	.54	1,901	167	2,068	1.30
19	49	68	.07		56	56	.03
2	110	112	.09		17	17	.01
	8,057	8,057	.58		3,629	3,629	.26
15,696	4,100	19,796	1.02		4,977	4,977	.26
	84	84	.03				
	130	130	.50				
1,475	35,078	36,553	.89	5,897	17,853	23,750	.58
	2,108	2,108	.81				
34,826	74,768	109,594	.37	27,746	37,193	64,939	.22

WISCONSIN FREIGHT TRAFFIC

Manufactures—

Name of Company.	Iron, pig and bloom.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin— and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern				
Alnapee & Western				
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	1302,631		1502,631	4.22
Chicago & Northwestern	40,219	91,937	132,190	1.44
Chicago, St. Paul, Mpls. & Omaha	658	11,218	11,876	.52
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern	36,818	390	37,203	9.20
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	1,156	3,726	4,882	1.40
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western				
Hawthorne, Nebagamon & Superior				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central		317	317	.17
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western				
La Crosse & Southeastern		111	111	.43
Lake Superior Terminal & Transfer				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western	142	101	243	.24
Mineral Point & Northern				
Mpls., St. Paul & Sault Ste. Marie	8,405	3,469	11,874	.85
Northern Pacific	2,660	3,042	5,702	.20
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern	168		163	.65
Whitcomb & Morris				
Wisconsin Central	1,939	7,405	9,434	.23
Wisconsin & Michigan		44	44	.02
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	394,826	121,820	516,646	1.76

¹ Includes other iron and steel.

WISCONSIN FREIGHT TRAFFIC

Manufactures—

Name of Company.	Bar and sheet metal.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	10,485		10,485	.15
Chicago & Northwestern	2,451	8,340	10,791	.12
Chicago, St. Paul, Mpls. & Omaha	2,294	2,147	4,441	.20
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern	132,852	351	133,203	32.95
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic		41	41	.01
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western	827	615	1,442	.38
Hawthorne, Nebagamon & Superior	4		4	.03
Hazelhurst & Southeastern		51	51	.04
Hillsboro & Northeastern				
Illinois Central	111	1,417	1,528	.93
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western	613	374	987	.62
La Crosse & Southeastern				
Lake Superior Terminal & Transfer				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western		10	10	.01
Mineral Point & Northern	3		3	
Mpls., St. Paul & Sault Ste. Marie	496	4,048	4,544	.33
Northern Pacific	681	1,884	2,565	.13
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central	1,458	15,015	16,473	.40
Wisconsin & Michigan	30	1,447	1,477	.56
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	152,805	35,740	188,045	.64

REPORT OF THE RAILROAD COMMISSION.

907

MOVEMENT, 1908—Continued.

Continued.

Cement, brick and lime.				Agricultural implements.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
468	601	1,069	1.87	10	156	166	.29
195,013		195,013	2.54	19,070		19,070	.27
220,496	116,922	337,418	3.67	30,407	5,102	35,509	.39
34,607	9,808	44,415	1.95	3,914	3,607	7,521	.33
	3,019	3,019	.75				
11,546	9,553	21,099	6.07		96	96	.03
	503	508	2.73				
1,399	12,450	13,849	3.63	162	709	871	.23
	52	52	.04				
86	13,112	13,198	7.15	274	1,286	1,560	.85
26	549	575	4.81	12	57	69	.57
4,913	450	5,363	3.38	64	68	132	.08
40	1,582	1,622	6.32		45	45	.17
	392	392	.39				
46	1,319	1,365	1.14	17	104	121	.10
3,353	14,713	18,066	1.30		1,371	1,371	.10
10,970	58,000	68,970	3.55	113	315	428	.02
5,923	15	5,938	1.95		41	41	.01
	275	275	1.06				
47,422	46,649	94,071	2.28	867	10,006	10,873	.27
43	2,516	2,559	.99		521	521	.20
18	373	391	.91				
536,374	292,858	829,232	2.82	54,910	28,434	78,394	.26

WISCONSIN FREIGHT TRAFFIC

Manufacturers,

Name of Company.	Wagons, carriages, tools, etc.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern.....				
Ahnapee & Western.....		74	74	0.13
Ashland, Odanah & Marengo.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul....	36,020		36,020	.50
Chicago & Northwestern.....	41,533	14,311	55,849	.61
Chicago, St. Paul Mpls. & O.....	646	3,890	4,545	.20
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva L.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic....		100	100	.03
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....				
Green Bay & Western.....	20	137	157	.04
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....		4	4	
Hillsboro & Northeastern.....				
Illinois Central.....	12	184	196	.11
Iola & Northern.....	10		10	.08
J. R. Davis Lum. Co., Logging Ry.....				
Kewaunee, Green Bay & Western....	104	64	168	.11
La Crosse & Southeastern.....	12	52	64	.25
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County Ry. Co.....				
Marinette, Tomahawk & Western.....				
Mineral Point & Northern.....	9	13	22	.02
Mpls., St. Paul & Sault Ste. M.....	19	331	350	.03
Northern Pacific.....	198	299	497	.03
Northwestern Coal Ry. Co.....				
Roddis L. & V. Co., Logging Ry....				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.....	221		221	.07
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Wisconsin Central.....	1,925	2,606	4,531	.11
Wisconsin & Michigan.....		172	172	.06
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total	80,734	22,246	102,980	.35

WISCONSIN FREIGHT TRAFFIC

Miscellaneous Commodities.

Name of Company.	Merchandise.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern.....				
Ahnapew & Western.....	4,350	4,784	9,134	16.01
Ashland, Odanah & Marengo.....	799		799	1.06
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul.....	1,013,160		1,013,160	14.13
Chicago & Northwestern.....	407,703	69,255	476,958	5.19
Chicago, St. Paul, Mpls. & O.....	104,097	78,210	182,307	8.02
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva L.....	196	1,048	1,244	1.61
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	468		468	1.41
Duluth, South Shore & Atlantic.....	5,625	13,190	18,815	5.41
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	668	488	1,156	6.23
Great Northern.....				
Green Bay & Western.....	18,438	10,083	28,521	7.43
Hawthorne, Nebagamon & Superior.....	7	19	26	.21
Hazelhurst & Southeastern.....		181	181	.14
Hillsboro & Northeastern.....				
Illinois Central.....	6,944	11,034	17,978	9.73
Iola & Northern.....	475	825	1,300	10.89
J. R. Davis Lumber Co., Log. Ry.....				
Kewaunee, Green Bay & Western.....	8,626	4,772	13,398	8.44
La Crosse & Southeastern.....	2,250	4,384	6,634	25.80
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County Ry. Co.....				
Marquette, Tomahawk & Western.....	884	893	1,777	1.78
Mineral Point & Northern.....	1,006	1,467	2,473	2.06
Mpls., St. Paul & Sault Ste. Marie.....	36,938	22,169	59,107	4.25
Northern Pacific.....				
Northwestern Coal Ry. Co.....				
Roddis L. & V. Co., Logging Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.....	2,407	953	3,360	1.10
Superior & Southeastern.....				
Tomahawk & Eastern.....	277	236	513	1.98
Whitcomb & Morris.....				
Wisconsin Central.....	99,932	99,154	199,086	4.82
Wisconsin & Michigan.....	1,775	1,728	3,503	1.35
Wisconsin & Northern.....	1,250	722	1,972	4.60
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total.....	1,718,275	325,595	2,043,870	6.96

REPORT OF THE RAILROAD COMMISSION.

911

MOVEMENT, 1908—concluded.

Miscellaneous Commodities—Concluded.				Total tonnage.				Ratio to total freight tonnage. Per cent.
All other commodities.								
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		
		Whole tons.	Per cent.			Whole tons.	Per cent.	
7,180	482	7,662	10.00	71,804	4,824	76,628	100	.26
2,907	1,785	4,693	8.23	30,378	26,656	57,034	100	.19
				75,673	408	76,076	100	.23
304,912		304,912	4.26	7,167,524		7,167,524	100	21.39
903,301	109,405	1,015,706	11.05	7,538,188	1,649,664	9,187,852	100	31.27
43,572	43,233	86,805	3.81	1,607,061	666,571	2,273,632	100	7.74
16,321	345	16,666	4.12	213,479	190,749	404,228	100	1.38
24,000		24,000	30.99	76,415	1,048	77,463	100	.26
				2,157	329	2,486	100	.01
				68,000	3,500	71,500	100	.24
				33,088		33,088	100	.11
12,026	4,139	16,215	4.67	193,184	154,358	347,542	100	1.18
87	446	533	2.83	13,685	4,800	18,575	100	.06
17,831	12,119	29,950	7.85	272,018	109,134	381,152	100	1.30
				12,185	19	12,205	100	.04
71	225	296	.23	123,192	3,887	127,079	100	.43
22,923	7,992	30,915	16.75	51,205	133,321	184,526	100	.63
182	61	243	2.08	9,157	2,776	11,933	100	.04
6,892	4,936	11,828	7.46	92,215	66,451	158,666	100	.54
				8,326	17,323	25,649	100	.09
5,334	785	6,119	6.12	35,216	64,635	99,854	100	.34
10,070	1,752	11,822	9.85	42,888	77,107	119,995	100	.41
32,204	68,150	100,354	7.21	998,616	393,819	1,392,435	100	4.74
43,015	123,902	166,917	8.58	1,128,018	815,881	1,943,899	100	6.62
				367,948		367,948	100	1.25
339	285	624	.21	283,494	18,241	304,735	100	1.04
503	27	530	2.06	13,384	12,509	25,893	100	.09
395,115	279,637	674,752	15.45	2,053,701	2,074,459	4,128,160	100	14.06
1,180	3,759	4,939	1.90	193,469	66,202	259,671	100	.88
1,600	452	2,052	4.71	32,915	10,142	43,057	100	.15
1,818,565	663,998	2,482,563	8.45	22,811,584	6,568,901	29,380,485	100	100.00

EQUIPMENT,

Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Locomotives.				
	Passenger.	Freight.	Switching.	Leased.	Total.
Abbotsford & Northeastern.....		1			1
Ahnapee & Western.....	2				2
Ashland, Odanah & Marengo.....		3	1		4
Bayfield Transfer	2		2		4
Big Falls R'y Co.....					
Chicago, Milwaukee & St. Paul.....	217	734	200		1,151
Chicago & Northwestern.....	305	915	232		1,452
Chicago, St. P. Mpolis & Omaha....	54	232	47		343
Chicago, Burlington & Quincy.....	334	962	327		1,673
Chicago, Lake Shore & Eastern.....		35	72	18	125
Chicago, Harvard & Geneva Lake..		1 ²			2
Chicago & Lake Superior.....	1				1
Chippewa River & Northern.....		1			1
Chippewa Valley & Northern.....		2			2
Drummond & Southwestern.....		3			3
Duluth, South Shore & Atlantic....	30	41	11		82
Dunbar & Wausaukee.....		1			1
Fairchild & Northeastern.....		2 ³			3
Great Northern	197	753	122	2	1,079
Green Bay & Western.....	9	11	3		23
Hawthorne, Nebagamon & Superior		1	1		2
Hazelhurst & Southeastern.....		3			3
Hillsboro & Northeastern.....		1			1
Illinois Central	254	860	180		1,294
Iola & Northern.....	1				1
J. R. Davis Lbr. Co., Logging R'y		3			3
Kewaunee, Green Bay & Western..	2	1			3
La Crosse & Southeastern.....	3				3
Lake Superior Terminal & Transfer			9		9
Laona & Northern		2 ³			2
Marathon County R'y Co.....		1			1
Marinette, Tomahawk & Western...		34			4
Mineral Point & Northern.....	3				3
Mpolis., St. P. & Sault Ste. Marie.	63	171	18		252
Northern Pacific	280	839	195		1,314
Northwestern Coal R'y Co.....			2		2
Roddis Lumber & V. Co., Log. R'y		1			1
Robbins R'y Co.....					
Stanley, Merrill & Phillips.....		8			8
Superior & Southeastern.....		3			3
Tomahawk & Eastern.....					
Whitcomb & Morris.....		1			1
Wisconsin Central	37	94	33	30	194
Wisconsin & Michigan.....	4	7			11
Wisconsin & Northern.....		3			3
Wisconsin, Ruby & Southern.....		1			1
Waupaca-Green Bay					
Milwaukee, Bay View & Chicago...			6		6
Wisconsin Northwestern		2			2
Mattoon R'y Co.....		2	1		3
Total	1,853	5,712	1,462	50	9,032

¹ Electric.² Freight and switching.³ Passenger, freight and switching.⁴ Includes second class.⁵ One-half interest.

EQUIPMENT, WHOLE LINE.

Name of Company.	Cars in freight service.							Total.
	Box cars.	Flat cars.	Stock cars.	Coal cars.	Tank cars.	Refrigerator cars.	Other cars.	
Abbotsford & N. E.....		3						3
Ahnapee & Western.....	2	29						31
Ash., Odanah & M.....		73					3	76
Bayfield Transfer.....		19					43	62
Big Falls R'y Co.....								
C., M. & St. P.....	29,722	5,239	3,605	2,512		1,879	2,693	45,650
C. & N. W.....	29,489	4,578	5,248	9,496		1,827	6,936	57,574
C., St. P., M. & O.....	8,778	1,460	290	1,322		191	7	12,051
C., B. & Q.....	24,953	2,558	7,301	14,550	2	1,543	111	51,018
Chicago, L. S. & E.....	1,215	448		6,194			1,420	9,277
Chi., Harv. & G. L.....	1						1	2
Chicago & Lake Sup.....	1							1
Chip. Riv. & Northern.....		1						1
Chip. Val. & Northern.....		31						31
Drummond & S. W.....		3					82	85
Duluth, S. S. & Atl.....	1,195	542		241		33	802	2,813
Dunbar & Wausaukee.....								
Fairchild & N. E.....	3	10				1		14
Great Northern.....	37,536	3,846	2,005	1,525		651	6,568	42,131
Green Bay & Western.....	641	63		25		12		741
Haw., Neb. & Supr.....	2							2
Hazelhurst & S. E.....		63						63
Hillsboro & N. E.....	1	1					1	3
Illinois Central.....	32,339	2,835	3,113	21,997	10	2,827		63,121
Iola & Northern.....								
J. R. D. L. Co., L. Ry.....		110	2				8	120
Kew'nee, G. B. & W.....	169							169
La Crosse & S. E.....	9	14	2					25
Lake S. T. & T.....								
Laona & Northern.....							40	40
Marathon Co. R'y Co.....							40	40
Marinette, Tom. & W.....	2	25						27
Mineral Point & N.....	10	10						20
M., St. P. & S. S. M.....	11,043	1,234	194	53		174	164	12,832
Northern Pacific.....	24,945	8,442	2,192	4,762	12	953	837	42,173
N. W. Coal R'y Co.....								
R. L. & V. Co., L. R'y.....		24						24
Robbins R'y Co.....								
Stanley, Merrill & P.....	7	203	1					211
Superior & S. E.....	1	3						4
Tomahawk & Eastern.....								
Whitcomb & Morris.....		4						4
Wisconsin Central.....	4,527	423		328		47	1,675	7,000
Wis. & Michigan.....	95	362				10	101	568
Wis. & Northern.....	2	48						50
Wisconsin, Ruby & S.....							8	8
Waupaca-Green Bay.....								
Mil., Bay View & C.....		61		61				122
Wis. Northwestern.....							64	64
Mattoon R'y Co.....								
Total.....	106,688	32,765	23,953	63,066	24	10,151	21,634	348,281

¹ Cars owned not in service.² Not itemized.

DESCRIPTION OF EQUIPMENT,
Cars in Freight Service of Roads Reporting to the Railroad
Class I. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern.....						
Ahnapee & Western.....						
Ashland, Odanah & Marengo..						
Bayfield Transfer						
Big Falls Ry. Co.....						
Chicago, Milwaukee & St. Paul	41	348	15	168	36	310
Chicago & Northwestern.....						
Chicago, St. Paul, Mpls. & O.						
Chicago, Burlington & Quincy						
Chicago, Lake Shore & Eastern						
Chicago, Harvard & Geneva L.						
Chicago & Lake Superior.....						
Chippewa River & Northern...						
Chippewa Valley & Northern...						
Drummond & Southwestern.....						
Duluth, South Shore & Atlantic						
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern						
Green Bay & Western.....						
Hawthorne, Nebagamon & Sup.						
Hazelhurst & Southeastern.....						
Hillsboro & Northeastern.....						
Illinois Central						
Iola & Northern						
J. R. Davis L. Co., Log. Ry....						
Kewaunee, Green Bay & W....						
La Crosse & Southeastern.....						
Lake Superior Term. & Trans..						
Laona & Northern.....						
Marathon County Ry. Co.....						
Marinette, Tomahawk & W....						
Mineral Point & Northern.....						
Mpls., St. P. & S. Ste. M.....						
Northern Pacific						
Northwestern Coal Ry. Co.....						
Roddis L. & V. Co., Log. Ry....						
Robbins Ry. Co.....						
Stanley, Merrill & Phillips.....						
Superior & Southeastern.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central						
Wisconsin & Michigan.....						
Wisconsin & Northern.....						
Wisconsin Ruby & Southern...						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.....						
Total	41	348	15	168	36	310

DESCRIPTION OF EQUIPMENT,

Class II. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern.....						
Ahnapee & Western.....						
Ashland, Odanah & Marengo.....						
Bayfield Transfer.....						
Big Falls Ry. Co.....						
Chicago, Milwaukee & St. Paul.....						
Chicago & Northwestern.....	54	756	139	1,946	5	70
Chicago, St. Paul., Mpls. & O.....	471	6,594	54	756		
Chicago, Burlington & Quincy.....						
Chicago, Lake Shore & Eastern.....						
Chicago, Harvard & Geneva L.....	1	10				
Chicago & Lake Superior.....						
Chippewa River & Northern.....						
Chippewa Valley & Northern.....						
Drummond & Southwestern.....						
Dul., South Shore & Atlantic.....						
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern.....	599	8,386	19	266	6	84
Green Bay & Western.....						
Haw., Nebagamon & Superior.....						
Hazelhurst & Southeastern.....			63	630		
Hillsboro & Northeastern.....						
Illinois Central.....	4	56	11	154		
Iola & Northern.....						
J. R. Davis L. Co., Log. Ry.....						
Kewaunee, Green Bay & W.....						
La Crosse & Southeastern.....						
Lake Superior Term. & Trans.....						
Laona & Northern.....						
Marathon County Ry. Co.....						
Marinette, Tomahawk & W.....						
Mineral Point & Northern.....						
Mpls., St. Paul & S. Ste. M.....						
Northern Pacific.....	2	24	10	120		
Northwestern Coal Ry. Co.....						
Roddis L. & V. Co., Log. Ry.....						
Robbins Ry. Co.....						
Stanley, Merrill & Phillips.....						
Superior & Southeastern.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central.....						
Wisconsin & Michigan.....						
Wisconsin & Northern.....						
Wisconsin, Ruby & Southern.....						
Waupaca-Green Bay.....						
Wisconsin Northwestern.....						
Mattoon Ry. Co.....						
Total.....	1,131	15,826	296	3,872	11	154

DESCRIPTION OF EQUIPMENT,
Class III. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern.....						
Ahnapee & Western.....						
Ashland, Odanah & Marengo.....						
Bayfield Transfer						
Big Falls Ry. Co.....						
Chicago, Milwaukee & St. P.....						
Chicago & Northwestern.....	33	573	29	439	8	120
Chicago, St. Paul, Mpls. & O.....						
Chicago, Burlington & Quincy.....	40	600	83	1,245	1	15
Chicago, Lake Shore & Eastern.....						
Chicago, Harvard & Geneva L.....						
Chicago & Lake Superior.....						
Chippewa River & Northern.....						
Chippewa Valley & Northern.....						
Drummond & Southwestern.....			3	45		
Duluth, S. S. & Atlantic.....	46	600	17	255		
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern						
Green Bay & Western.....			11	165		
Haw., Nebag. & Superior.....	2	30				
Hazelhurst & Southeastern.....						
Hillsboro & Northeastern.....						
Illinois Central						
Iola & Northern.....						
J. R. Davis L. Co., Log. Ry.....						
Kewaunee, Green Bay & W.....						
La Crosse & Southeastern.....			4	60		
Lake Superior Term. & Trans.....						
Laona & Northern.....						
Marathon County Ry. Co.....						
Marineffe, Tomahawk & W.....						
Mineral Point & Northern.....						
Mpls., St. P. & S. Ste. M.....						
Northern Pacific			13	195		
Northwestern Coal Ry. Co.....						
Roddis L. & V. Co., Log. Ry.....						
Robbins Ry. Co.....						
Stanley, Merrill & Phillips.....						
Superior & Southeastern.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central						
Wisconsin & Michigan.....						
Wisconsin & Northern.....						
Wisconsin Ruby & Southern.....						
Waupaca-Green Bay						
Wisconsin Northwestern.....						
Mattoon Ry. Co.....			5	75		
Total	121	1,893	165	2,479	9	135

DESCRIPTION OF EQUIPMENT,
Class IV. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.....						
Ahnapee & Western.....			19	380		
Ashland, Odanah & M.....			2	40		
Bayfield Transfer			13	260		
Big Falls R'y Co.....						
C., M. & St. P.....	5,071	101,420	1,682	33,640	285	5,700
Chicago & Northwestern...	3,561	71,220	274	5,480	2	40
C., St. P., M. & O.....	2,815	56,300	378	7,560	150	3,000
Chi., Burl. & Quincy.....	3,255	65,100	508	10,160	2,754	55,080
Chi., L. S. & Eastern.....	103	2,060	50	1,000		
Chi., Harv. & G. Lake...						
Chicago & Lake Superior...						
Chip. River & Northern...						
Chip. Valley & Northern...						
Drummond & S. W.....						
Duluth, S. S. & Atlantic.....			425	8,500		
Dunbar & Wausaukee.....						
Fairchild & Northeastern...	3	60				
Great Northern	4,397	87,940	1,134	22,680	1,297	25,940
Green Bay & Western.....			28	560		
Hawth'ne, Neb. & Sup.....						
Hazelhurst & Southeastern...						
Hillsboro & Northeastern...						
Illinois Central	29	780	24	480	2,251	45,020
Iola & Northern.....						
J. R. D. L. Co., L. R'y.....						
Kewaunee, G. B. & W.....						
La Crosse & S. E.....						
Lake Sup. Ter. & Trans...						
Laona & Northern.....						
Marathon County R'y Co.....						
Marinette, Tom. & West.....						
Mineral Pt. & Northern...						
M., St. P. & S. Ste. M.....	554	11,030	203	4,060	103	2,060
Northern Pacific	1,843	36,890	1,369	27,380	396	7,920
Northwestern Coal R'y Co.....						
R. L. & V. Co., L. R'y...						
Robbins R'y Co.....						
Stanley, Merrill & P.....	2	40	178	3,560	1	20
Superior & Southeastern...						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central	1,244	24,880	115	2,300		
Wisconsin & Michigan.....						
Wisconsin & Northern.....						
Wis., Ruby & Southern...						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon R'y Co.....						
Total	22,837	457,740	6,402	128,040	7,239	144,780

DESCRIPTION OF EQUIPMENT,
Class V. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.....			3	75		
Ahnapee & Western.....			10	250		
Ashland, O. & M.....						
Bayfield Transfer						
Big Falls Ry. Co.....						
Chi., Mil. & St. P.....	569	14,225	125	3,125		
Chicago & N. W.....	9,290	232,250	384	9,600	2,397	59,925
Chi., St. P., M. & O.....	1,530	38,250	215	5,375	28	700
Chi., Burl. & Q.....	2,789	69,725	211	5,275	3,388	84,575
Chi., L. S. & Eastern.....						
C., Harv. & Geneva L.....						
Chicago & Lake Superior						
Chippewa River & N.....						
Chippewa Valley & N.....						
Drummond & S. W.....						
Dul., S. S. & Atlantic... 951	23,775					
Dunbar & Wausaukee... ..						
Fairchild & N. E.....			5	125		
Great Northern			59	1,475		
Green Bay & Western ... 60	1,500					
Hawthorne, Nebag. & S.....						
Hazelhurst & S. E.....						
Hillsboro & N. E.....						
Illinois Central	1,876	46,900	284	7,100	43	1,075
Iola & Northern						
J. R. D. L. Co., L. Ry... ..						
Kewaunee, G. B. & W... ..						
La Crosse & S. E.....	9	225	10	250		
Lake Superior T. & T.....						
Laona & Northern						
Marathon County Ry. Co.						
Marquette, T. & W.....	2	50	25	625		
Mineral Point & N.....						
M., St. P. & S. S. M.....	4,453	111,325	455	11,375	71	1,775
Northern Pacific	4,524	113,100	55	1,375	1,795	44,875
N. W. Coal Ry. Co.....						
R. L. & V. Co., L. Ry... ..						
Robbins Ry. Co.....						
Stanley, Merrill & P.....						
Superior & Southeastern.....						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	577	14,425	67	1,675		
Wisconsin & Michigan						
Wisconsin & Northern ... 1	25					
Wisconsin, Ruby & S.....						
Waupaca-Green Bay						
Wisconsin Northwestern.....						
Mattoon Ry. Co.....						
Total	26,621	665,775	1,903	47,700	7,717	192,925

DESCRIPTION OF EQUIPMENT,
Class VI—Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern						
Ahnapee & Western	2	60				
Ashland, Odanah & Marengo..						
Bayfield Transfer			6	180		
Big Falls Ry. Co.....						
Chicago, Milw. & St. Paul....	16,630	498,900	2,409	72,270	3,284	98,570
Chicago & Northwestern	8,490	254,700	427	12,810	2,836	85,030
Chi., St. P., Mpls. & O.....	1,981	59,450	27	810	112	3,360
Chicago, Burlington & Quincy	9,954	298,620	35	1,050	960	28,830
Chicago, Lake Shore & Eastern	712	21,360	67	1,210		
Chicago, Harv. & Geneva Lake						
Chicago & Lake Superior						
Chippewa R. & Northern						
Chippewa V. & Northern						
Drummond & Southwestern ..						
Duluth, S. S. & Atlantic	198	5,940	100	3,000		
Dunbar & Wausaukee						
Fairchild & Northeastern			5	150		
Great Northern	8,289	248,670	671	20,130	702	21,000
Green Bay & Western	581	17,430	24	720		
Hawthorne, Nebag. & Sup.....						
Hazelhurst & Southeastern ..						
Hillsboro & Northeastern						
Illinois Central	10,071	302,130	180	5,400	819	24,570
Iola & Northern						
J. R. Davis L. Co., L. Ry.....						
Kewaunee, Green Bay & W....	169	5,070				
La Crosse & Southeastern					2	60
Lake Superior Term. & Trans.						
Laona & Northern						
Marathon County Ry. Co.....						
Marinette, Tomahawk & W....						
Mineral Point & Northern	10	300	10	300		
Mpls., St. Paul & S. Ste. M...	6,036	181,080	576	17,280	20	600
Northern Pacific	842	25,260	302	9,060	1	30
Northwestern Coal Ry. Co.....						
Roddis L. & V. Co., L. Ry....						
Robbins Ry. Co.....						
Stanley, Merrill & P.....			25	750		
Superior & Southeastern						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	3,517	105,510	238	7,140	100	3,000
Wisconsin & Michigan	95	2,850	362	10,860		
Wisconsin & Northern	1	30				
Wisconsin, Ruby & Southern.						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.....						
Total.....	67,578	2,027,340	5,464	163,120	8,836	265,080

REPORT OF THE RAILROAD COMMISSION.

927

WHOLE LINE, 1908—Continued.
the 60,000's of pounds.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity Tons.	No.	Aggregate capacity, Tons.	No.	Aggregate capacity, Tons.	No.	Aggregate capacity, Tons.	No.	Aggregate capacity, Tons.
.....								2	60
.....								6	180
1,198	35,790			1,842	55,260	100	3,000	25,458	763,740
3,238	97,140			1,040	31,200	542	16,260	16,573	497,190
9	270			144	4,320	2	60	2,275	68,250
1,206	36,180			1,071	32,130			13,226	396,730
54	1,500					122	3,660	955	27,730
.....									
.....									
9	270			19	570	398	11,940	724	21,720
.....								5	150
.....				535	16,050	472	14,160	10,660	320,070
.....								605	18,150
.....									
3,631	108,930			2,673	80,190			17,374	521,220
.....									
.....								169	5,000
.....								2	60
.....									
.....									
27	810							20	600
32	960	1	30	12	360			6,659	199,770
.....								1,150	35,700
.....									
.....									
.....								25	750
.....									
.....									
225	6,750			25	750			4,105	123,150
.....								457	13,710
.....								1	30
.....									
.....						20	600	20	600
9,624	288,600	1	30	7,361	220,830	1,656	49,680	100,520	3,014,680

DESCRIPTION OF EQUIPMENT,
Class VII. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.						
Ahnapee & Western						
Ashland, Odanah & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chi., Milw. & St. P.						
Chicago & Northwestern			1,511	53,935		
C., St. P., M. & O.			537	18,795		
Chicago, Burl. & Q.						
Chicago, L. S. & E.						
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.						
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern						
Green Bay & Western						
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central						
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.						
La Crosse & S. E.						
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marinette, T. & W.						
Mineral Point & N.						
M., St. P., & S. S. M.						
Northern Pacific	4,832	169,120	7,792	202,720		
Northwestern Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.						
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central						
Wisconsin & Michigan						
Wisconsin & Northern						
Wisconsin, R. & S.						
Waupaca-G. B.						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	4,833	169,120	7,870	275,450		

DESCRIPTION OF EQUIPMENT,
Class VIII—Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity, Tons.	No.	Aggregate capacity, Tons.	No.	Aggregate capacity, Tons.
Abbotsford & Northeastern						
Ahnapee & Western						
Ashland, Odanah & Marengo						
Bayfield Transfer						
Big Falls Ry. Co.						
Chicago, Milw. & St. Paul	7,411	296,440				
Chicago & Northwestern	10,462	418,480	1,780	71,200		
Chl., St. P., Mpls. & O.	1,981	79,240	249	11,960		
Chicago, Burlington & Quincy	8,571	342,840	487	19,480		
Chicago, L. S. & Eastern			6	240		
Chicago, Harvard & G. L.						
Chicago & Lake Superior						
Chippewa R. & Northern						
Chippewa V. & Northern						
Drummond & Southwestern						
Duluth, S. S. & Atlantic						
Dunbar & Wausaukee						
Fairchild & Northeastern						
Great Northern	14,251	570,040	1,963	78,520		
Green Bay & Western						
Hawthorne, Nebag. & Sup.						
Hazelhurst & Southeastern						
Hillsboro & Northeastern						
Illinois Central	17,349	693,960	2,306	81,440		
Iola & Northern						
J. R. Davis L. Co., L. Ry.						
Kewaunee, Green Bay & W.						
La Crosse & Southern						
Lake Superior Term. & Trans.						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, Tomahawk & W.						
Mineral Point & Northern						
Minnapolis, St. P. & S. S. M.						
Northern Pacific	12,902	516,080	901	36,040		
Northwestern Coal Ry. Co.						
Roddis L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, Merrill & Phillips	5	200				
Superior & Southeastern						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central			3	120		
Wisconsin & Michigan						
Wisconsin & Northern			48	1,920		
Wisconsin, Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.						
Total	72,982	2,917,280	7,473	300,920		

DESCRIPTION OF EQUIPMENT,
Classes IX, X and XII. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.....						
Ahnapee & Western						
Ashland, Odanah & M.....						
Bayfield Transfer						
Big Falls Ry. Co.....						
Chi. Milw. & St. P.....			1,008	50,430		
Chicago & N. W.....			4	220		
C., St. P., M. & O.....						
Chicago, Burl. & Q.....			1	50		
Chicago, L. S. & E.....	400	20,000	325	16,250		
Chicago, Harv. & G. L.....						
Chicago & L. S.....						
Chippewa R. & N.....						
Chippewa V. & N.....						
Drummond & S. W.....						
Duluth, S. S. & Atl.....						
Dunbar & Wausaukee						
Fairchild & N. E.....						
Great Northern						
Green Bay & Western.....						
Hawthorne, Nebag. & S.....						
Hazelhurst & S. E.....						
Hillsboro & N. E.....						
Illinois Central	3,000	150,000	300	15,000		
Iola & Northern						
J. R. D. L. Co., L. Ry.....						
Kewaunee, G. B. & W.....						
La Crosse & S. E.....						
Lake Superior T. & T.....						
Laona & Northern						
Marathon Co. Ry. Co.....						
Marinette, T. & W.....						
Mineral Point & N.....						
M., St. P., & S. S. M.....						
Northern Pacific						
N. W. Coal Ry. Co.....						
R. L. & V. Co., L. Ry.....						
Robbins Ry. Co.....						
Stanley, M. & P.....						
Superior & S. E.....						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central						
Wisconsin & Michigan						
Wisconsin & Northern						
Wisconsin R. & S.....						
Waupaca-G. B.						
Wisconsin N. W.....						
Mattoon Ry. Co.....						
Total	3,400	170,000	1,638	81,950		

DESCRIPTION OF EQUIPMENT,

Total—

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern			3	75		
Ahnapee & Western	2	60	29	630		
Ashland, Odanah & M.			2	40		
Bayfield Transfer			19	440		
Big Falls Ry. Co.						
Chi., Milw. & St. Paul.	29,722	911,333	5,239	159,633	3,605	104,530
Chicago & Northwestern	31,890	977,979	4,573	155,630	5,243	145,235
Chi., St. P., Mpls. & O.	8,778	239,814	1,460	45,256	290	7,060
Chicago, Burlington & Q.	24,609	776,885	1,325	37,200	7,093	168,470
Chicago, L. S. & Eastern.	1,215	43,420	448	18,700		
Chicago, Harv. & G. L.	1	10				
Chicago & Lake Superior.						
Chippewa R. & Northern.						
Chippewa V. & Northern.						
Drummond & S. W.			3	45		
Duluth, S. S. & Atlantic.	1,195	30,405	542	11,755		
Dunbar & Wausaukee						
Fairchild & Northeastern.	3	60	10	275		
Great Northern	27,536	915,036	3,346	123,071	2,005	47,084
Green Bay & Western	641	18,930	63	1,445		
Hawthorne, Nebag. & Sup.	2	30				
Hazelhurst & Southeastern.			63	630		
Hillsboro & Northeastern.						
Illinois Central	32,339	1,193,826	2,835	109,574	3,113	70,665
Iola & Northern						
J. R. Davis L. Co., L. Ry.						
Kewaunee, G. B. & W.	169	5,070				
La Crosse & Southeastern.	9	225	14	310	2	60
Lake Superior T. & T.						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, T. & W.	2	50	25	625		
Mineral Point & Northern.	10	300	10	300		
Mpls., St. P. & S. Ste. M.	11,043	303,435	1,234	32,715	194	4,435
Northern Pacific	24,945	860,444	8,442	276,390	2,192	52,325
Northwestern Coal Ry. Co.						
Roddis L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, Merrill & P.	7	240	203	4,310	1	20
Superior & Southeastern.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	5,338	144,815	423	11,235	100	3,000
Wisconsin & Michigan	95	2,850	362	10,360		
Wisconsin & Northern	2	55	43	1,920		
Wisconsin, Ruby & S.						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.			5	75		
Total	199,553	6,425,322	31,231	1,003,699	23,843	603,334

MILEAGE OPERATED,

Mileage (single track) Operated by Railroads in Wisconsin as

Name of Company.	Line represented by capital stock.		Line of proprietary companies.	Line operated under lease.
	Main line.	Branches and spurs.		
Abbotsford & N. E.....	15.16	.....	.....	.....
Ahnapee & Western	34.00	.....	.....	.....
Ashland, Odanah & M..	13.00	10.00	.....	4.50
Bayfield Transfer	3.83	.....	.....	12.00
Big Falls Ry. Co.....	.....	.....	.....	21.00
Chi., Milw. & St. P....	1,774.12	.....	.....	.....
Chicago & N. W.	953.85	828.88	131.72	.....
C., St. P., M. & O.....	756.61	.....	.....	.....
Chicago, Burl. & Q.....	222.57	.....	.....	.....
Chicago, L. S. & E.....	.....	.....	.....	19.42
Chicago, Harv. & G. L.	5.50	.....	.....	.....
Chicago & L. S.....	3.24	.....	.....	.....
Chippewa R. & N.....	18.00	.....	.....	.....
Chippewa V. & N.....	15.00	4.32	.....	.....
Drummond, S. W.....	8.13	.....	.....	.....
Duluth, S. S. & Atl....	106.53	5.86	.....	.....
Dunbar & Wausaukee...	13.50	.....	.....	.....
Fairchild & N. E.....	38.00	.....	.....	.....
Great Northern	32.19	.....	.....	5.28
Green Bay & W.....	212.50	12.50	.....	.....
Hawthorne, Nebag. & S.	7.35	.....	.....	.....
Hazelhurst & S. E.....	11.00	.....	.....	2.70
Hillsboro & N. E.....	5.00	.....	.....	.....
Illinois Central	91.31	.....	.....	.....
Iola & Northern	4.70	.....	.....	.....
J. R. D. L. Co., L. Ry.	20.50	.....	.....	.....
Kewaunee, G. B. & W.	36.70	.....	.....	.....
La Crosse & S. E.....	40.81	.....	.....	.....
Lake Superior T. & T.	.....	20.61	.....	.....
Laona & Northern	16.00	.....	.....	.....
Marathon Co. Ry. Co..	20.25	.....	.....	.....
Marquette, T. & W.....	23.00	.....	.....	.....
Mineral Point & N.....	26.40	.....	.....	.....
M., St. P. & S. S. M..	262.80	90.21	.....	.....
Northern Pacific	87.53	56.70	.....	.....
N. W. Coal Ry. Co....	8.00	.....	.....	.....
R. L. & V. Co., L. Ry.	12.50	.....	.....	.....
Robbins Ry. Co.....	28.00	.....	.....	.....
Stanley, M. & P.....	37.66	14.82	.....	6.03
Superior & S. E.....	9.74	18.56	.....	.....
Tomahawk & Eastern .....	.....	.....	.....	20.77
Whitcomb & Morris	6.00	.....	.....	.....
Winona Bridge Ry. Co..	.54	.....	.....	.....
Wisconsin Central	558.38	299.69	.....	.....
Wisconsin & Michigan..	32.62	36.65	.....	.....
Wisconsin & Northern..	43.37	.....	.....	.....
Wisconsin, R. & S.....	5.00	.....	.....	.....
Waupaca-G. B.	9.85	.....	.....	.....
Wisconsin N. W.....	13.00	.....	.....	3.00
Mattoon Ry. Co.....	29.36	.....	.....	.....
Total	5,673.18	1,398.80	131.72	94.70

REPORT OF THE RAILROAD COMMISSION.

WISCONSIN, 1908.

Reported to the Railroad Commission for the Year Ending June 30, 1908.

Line operated under contract.	Line operated under trackage rights.	Total mileage operated.	New line constructed during the year.	Rails.	
				Iron.	Steel.
		15.16		.51	14.65
		34.00			34.00
	1.50	29.00			21.00
		15.86			15.83
		21.00			
	8.98	1,783.10			1,783.10
60.02		1,974.47	4.68	18.89	1,955.58
	1.28	757.89		2.76	753.85
	.53	223.10			222.57
		19.42	.28		19.42
		5.50			5.50
		3.24			
		18.00			
		19.32			
		8.18			8.18
	3.40	115.79	2.02		112.39
		13.50			13.50
		38.00			38.00
	5.88	43.35			37.47
		225.00			225.00
		7.35			7.35
	10.50	24.20			24.20
		5.00			
		91.31			91.31
		4.70			4.70
		20.50			
		36.70			36.70
	1.80	42.61			42.61
	.44	21.05	2.28		20.61
		16.00			16.00
		20.25			20.25
		23.00			23.00
	4.20	30.60			30.60
		353.01			353.01
	1.43	145.66	.68	.09	144.11
		8.00			8.00
		12.50			
		28.00			
	4.54	63.05	4.24		
		28.30	4.47		28.30
		20.77			20.77
		6.00			
		.54			.54
	28.92	883.99		66.25	791.82
	6.68	75.95			75.95
		43.37	15.95		43.37
		5.00			
		9.85	9.85		9.85
	18.00	34.00	.63		23.00
		29.36			
60.02	98.08	7,456.50	45.08		

MILEAGE OPERATED,

Mileage (Single Track) Operated by Railroads Reporting to

Name of Company.	Line represented by capital stock.		Line of proprietary companies.	Line operated under lease.
	Main line.	Branches and spurs.		
Abbotsford & N. E.	15.16			
Ahnapee & Western	34.00			
Ashtland, Odanah & M... ..	13.00	10.00		4.50
Bayfield Transfer	3.86			12.00
Big Falls Ry. Co.				21.00
Chi., Milw. & St. Paul..	7,286.09			
Chicago & Northwestern	3,050.07	4,348.92	134.97	
Chi., St. P., M. & O... ..	1,659.97			
Chi., Burlington & Q... ..	822.41	7,986.68		
Chi., L. S. & Eastern..	11.35	243.36		73.58
Chi., Harv. & Geneva L.	11.00			
Chi. & Lake Superior...	3.24			
Chippewa River & N... ..	18.00			
Chippewa Valley & N... ..	15.00	4.32		
Drummond & S. W.	8.18			
Dul., S. S. & Atlantic..	517.44	70.76		
Dunbar & Wausaukee...	13.50			
Fairchild & N. E.	38.00			
Great Northern	6,040.57	87.20	453.04	5.28
Green Bay & W.	212.50	12.50		
Haw., Nebag. & Sup... ..	7.85			
Hazelhurst & S. E.	11.00			2.70
Hillsboro & N. E.	5.00			
Illinois Central	1,354.79	748.94	1,473.05	20.56
Iola & Northern.	4.70			
J. R. D. L. Co., L. Ry.	20.50			
Kewaunee, G. B. & W.	36.70			
La Crosse & S. E.	40.81			
Lake Sup. T. & T.		20.61		
Laona & Northern.	16.00			
Marathon Co. Ry. Co... ..	20.25			
Marinette, T. & W.	23.00			
Mineral Point & N... ..	26.40			
M., St. P. & S. Ste. M.	1,039.71	1,249.53		
Northern Pacific	2,693.54	3,046.66		194.99
N. W. Coal Ry.	8.00			
R. L. & V. Co., L. Ry.	12.50			
Robbins Ry. Co.	28.00			
Stanley, Merrill & Phil.	37.66	14.82		6.03
Superior & Southeastern	9.74	18.56		
Tomahawk & Eastern..				20.77
Whitcomb & Morris... ..	6.00			
Winona Bridge Ry. Co.	1.03			
Wisconsin Central	630.79	332.01		
Wisconsin & Michigan..	73.38	52.08		
Wisconsin & Northern..	43.37			
Wis., Ruby & Southern	5.00			
Waupaca-Green Bay ...	9.85			
Wisconsin Northwestern	13.00			3.00
Mattoon Ry. Co.	29.36			
Total	25,980.77	18,247.00	2,061.06	364.41

WHOLE LINE, 1908.

the Railroad Commission for the Year Ending June 30, 1908.

Line operated under contract.	Line operated under track-age rights.	Total mileage operated.	New line constructed during the year.	Rails.	
				Iron.	Steel.
.....	.....	15.16	.....	.51	14.65
.....	.....	34.00	.....	.....	34.00
.....	1.50	29.00	.....	.....	29.00
.....	.....	15.86	.....	.....	15.83
.....	.....	21.00	.....	.....	.....
.....	230.24	7,516.33	105.51	81.49	7,204.60
60.02	38.25	7,632.23	9.32	59.98	7,534.00
.....	69.59	1,729.56	18.44	5.07	1,654.00
.....	214.56	9,023.65	22.65	20.37	8,783.72
.....	296.95	625.24	103.68	.....	625.24
.....	.....	11.00	.....	.....	11.00
.....	.....	3.24	.....	.....	.....
.....	.....	18.00	.....	.....	.....
.....	.....	19.32	.....	.....	.....
.....	.....	8.18	.....	.....	8.18
.....	6.66	594.86	2.02	5.82	582.38
.....	.....	13.50	.....	.....	13.50
.....	.....	38.00	.....	.....	38.00
.....	50.45	6,636.54	377.16	33.92	6,552.17
.....	.....	225.00	.....	.....	225.00
.....	.....	7.35	.....	.....	7.35
.....	10.50	24.20	.....	.....	24.20
.....	.....	5.00	.....	.....	.....
844.52	151.95	4,593.81	83.20	.....	4,441.86
.....	.....	4.70	.....	.....	4.70
.....	.....	20.50	.....	.....	.....
.....	.....	36.70	.....	.....	36.70
.....	1.80	42.61	.....	.....	42.61
.....	.44	21.05	2.28	.....	20.61
.....	.....	16.00	.....	.....	16.00
.....	.....	20.25	.....	.....	20.25
.....	.....	23.00	.....	.....	23.00
.....	4.20	30.60	.....	.....	30.60
.....	19.17	2,308.46	26.41	.....	2,289.29
.....	65.78	6,000.97	35.58	26.48	5,908.71
.....	.....	8.00	.....	.....	8.00
.....	.....	12.50	.....	.....	.....
.....	.....	28.00	.....	.....	.....
.....	4.54	63.05	4.24	.....	.....
.....	.....	23.30	4.47	.....	23.30
.....	.....	20.77	.....	.....	20.77
.....	.....	6.00	.....	.....	.....
.....	.....	1.03	.....	.....	1.03
.....	59.94	1,022.74	.....	82.09	880.71
.....	8.50	133.96	1.23	.....	133.96
.....	.....	43.37	15.95	.....	43.37
.....	.....	5.00	.....	.....	.....
.....	.....	9.85	9.85	.....	9.85
.....	18.00	34.00	.63	.....	23.00
.....	.....	29.36	.....	.....	.....
904.54	1,253.02	48,810.80	827.62	.....	.....

MILEAGE OPERATED,

A Comparative Statement of Railroad Mileage Operated in Wisconsin on

Name of Company.	Miles of road operated on June 30, 1907, excluding trackage rights.	Miles of road operated on June 30, 1908, excluding trackage rights.	Increase for the year.	Decrease for the year.
Abbotsford & N. E.....	15.16	15.16	.....	.....
Ahnapee & Western	34.00	34.00	.....	.....
Ashland, Odanah & M..	26.00	27.50	1.50	.....
Bayfield Transfer	15.86	15.86	.....	.....
Big Falls Ry. Co.....	21.00	21.00	.....	.....
C., M. & St. P.....	1,722.77	1,774.12	51.35	.....
Chicago & Northwestern	1,969.79	1,974.47	4.68	.....
C., St. P., M. & O.....	756.69	756.61	.....	.08
Chi., Burl. & Quincy....	222.57	222.57	.....	.....
Chicago, L. S. & East...	19.46	19.42	.....	.04
Chi., Harv. & Geneva L.	5.50	5.50	.....	.....
Chicago & Lake Superior	3.24	3.24	.....	.....
Chip. River & Northern	18.00	18.00	.....	.....
Chip. Val. & Northern..	15.53	19.32	3.79	.....
Drummond & S. W.....	8.18	8.18	.....	.....
Duluth, S. S. & Atlantic	110.37	112.39	2.02	.....
Dunbar & Wausaukee...	13.50	13.50	.....	.....
Fairchild & Northeastern	38.00	38.00	.....	.....
Great Northern	37.69	37.47	.....	.22
Green Bay & Western...	225.00	225.00	.....	.....
Haw., Nebag. & Sup....	7.35	7.35	.....	.....
Hazelhurst & S. E.....	13.70	13.70	.....	.....
Hillsboro & Northeastern	5.00	5.00	.....	.....
Illinois Central	91.31	91.31	.....	.....
Iola & Northern	4.70	4.70	.....	.....
J. R. D. L. Co., L. Ry.	20.50	20.50	.....	.....
Kewaunee, G. B. & W..	36.70	36.70	.....	.....
La Crosse & S. E.....	40.81	40.81	.....	.....
Lake Sup. Ter. & T....	18.33	20.61	2.28	.....
Laona & Northern.....	16.00	16.00	.....	.....
Marathon Co. Ry. Co....	20.25	20.25	.....	.....
Marquette, T. & W.....	43.77	23.00	.....	20.77
Mineral Point & N.....	26.40	26.40	.....	.....
M., St. P. & S. Ste. M..	353.01	353.01	.....	.....
Northern Pacific	144.68	144.23	.....	.45
N. W. Coal Ry. Co.....	8.00	8.00	.....	.....
R. L. & V. Co., L. Ry.	12.50	12.50	.....	.....
Robbins Ry. Co.....	30.00	28.00	.....	2.00
Stanley, Merrill & P....	51.15	55.00	3.85	.....
Superior & Southeastern	23.83	23.30	4.47	.....
Tomahawk & Eastern...	.....	20.77	20.77	.....
Whitcomb & Morris ...	6.00	6.00	.....	.....
Winona Bridge Ry. Co..	.54	.54	.....	.....
Wisconsin Central	858.07	858.07	.....	.....
Wisconsin & Michigan ..	67.10	69.27	2.17	.....
Wisconsin & Northern..	27.42	43.37	15.95	.....
Wis., Ruby & Southern	5.62	5.00	.....	.62
Wisconsin Western	51.97	.....	.....	51.97
Waupaca-Green Bay .....	.....	9.85	9.85	.....
Wisconsin Northwestern.	.....	16.00	16.00	.....
Mattoon Ry. Co.....	29.36	29.36	.....	.....
Total	7,292.38	7,354.91	62.53	.....

WISCONSIN, 1907 AND 1908.

June 30, 1907, and June 30, 1908, as Reported to the Railroad Commission.

Miles of road operated under track-age rights on June 30, 1908.	Total miles of road operated on June 30, 1908, including trackage rights.	Remarks.
.....	15.16	
.....	34.00	
1.50	29.00	No explanation given for increase in mileage.
.....	15.86	
.....	21.00	
8.98	1,783.10	Wisconsin & Western Ry., 51.97 miles, now operated by this road. Rearrangement in tracks caused a decrease in mileage of .62 miles.
.....	1,974.47	Extensions: Millbrig to Hazel Green, 2.70 miles; At Wolf Riv. Val. Jct., 1.98 miles.
1.28	757.80	Changes in line causing decrease of .08 miles.
.53	223.10	
.....	19.42	New line built .28 miles; tracks taken up .32 miles.
.....	5.50	
.....	3.24	
.....	18.00	
.....	19.32	Spur extensions, 3.79 miles.
.....	8.18	
2.49	115.79	Changes in branches and spurs causing increase of 2.03 miles.
.....	13.50	
.....	38.00	
5.88	43.35	No explanation given for decrease in mileage.
.....	225.00	
.....	7.35	The operation of this road was abandoned on Sept. 20, 1907.
10.50	24.20	
.....	5.00	
.....	91.31	
.....	4.70	
.....	20.50	
.....	36.70	
1.80	42.61	
.44	21.05	Extensions: 2.28 miles.
.....	16.00	
.....	20.25	
.....	23.00	20.77 miles leased to T. & E. Ry. Co., Aug. 12, 1907.
4.20	3,060	
.....	353.01	
1.43	145.66	Extension of Bay Front line in Superior, .68 mile. No explanation for decrease given.
.....	8.00	
.....	12.50	
.....	28.00	No explanation given for decrease in mileage.
4.54	59.54	Extensions: 3.85 miles.
.....	28.30	Extension of "West Branch," 4.47 miles.
.....	20.77	Operated by Marinette, Tomahawk & W. Ry. in 1907.
.....	6.00	
.....	.54	
28.92	886.99	
6.63	75.95	No explanation given for the increase in mileage.
.....	43.37	Extension: Neopit to Van Ostrand, 15.61 miles; Brandon, south, .34 miles.
.....	5.00	No explanation given for decrease in mileage.
.....	9.85	Reported by C., M. & St. P. Ry. Co., 1908.
18.00	34.00	New road.
.....	29.36	New road.
98.08	7,458.99	

TRACK MILEAGE OPERATED
(Excluding Trackage Rights) as Reported to the Railroad
Wisconsin.

Name of Company.	Miles of single track.	Miles of second track.	Miles of third track.	Miles of fourth track.	Miles of yard track and sidings.	Total.
Abbotsford & Northeast'n	15.16				1.49	16.65
Ahnapee & Western	34.00				3.21	37.21
Ashland, Odanah & M.	27.50				1.00	28.50
Bayfield Transfer	15.86					15.86
Big Falls Ry. Co.	21.00					21.00
Chi., Milw. & St. P.	1,774.12	189.10	2.24		891.80	2,857.26
Chicago & Northwestern	1,974.47	169.83	39.00	35.54	905.47	3,124.31
Chi., St. P., M. & O.	756.61	59.35			246.72	1,062.68
Chi., Burlington & Q.	222.57	9.70			68.98	300.26
Chi., Lake Shore & E.	19.42					19.42
Chi., Harv. & Geneva L.	5.50				.50	6.00
Chicago & Lake Superior	3.24					3.24
Chippewa R. & Northern	18.00					18.00
Chippewa V. & Northern	19.32					19.32
Drummond & Southw'est'n	8.18				12.92	21.10
Dul., S. S. & Atlantic	112.39				18.21	130.60
Dunbar & Wausaukee	13.50					13.50
Fairchild & Northeastern	33.00				2.00	40.00
Great Northern	37.47	21.92			90.32	149.71
Green Bay & Western	225.00				28.81	253.81
Haw., Nebag. & Sup.	7.35					7.35
Hazelhurst & Southwestern	13.70				1.00	14.70
Hillsboro & Northeastern	5.00		5	75		5 75
Illinois Central	91.31				12.24	103.55
Iola & Northern	4.70				.68	5.38
J. R. D. L. Co., L. Ry.	20.50				6.00	26.50
Kewaunee, G. B. & W.	36.70				6.41	43.11
La Crosse & S. E.	40.81				3.18	43.99
Lake Superior T. & T.					20.61	20.61
Laona & Northern	16.00					16.00
Marathon Co. Ry. Co.	20.25					20.25
Marinette, T. & W.	23.00				7.25	30.25
Mineral Point & Northern	26.40				3.04	29.44
M., St. P. & S. Ste. M.	353.01				75.51	428.52
Northern Pacific	144.23	9.33			51.72	205.28
N. W. Coal Ry. Co.	8.00					8.00
R. L. & V. Co., L. Ry.	12.50					12.50
Robbins Ry. Co.	23.00					23.00
Stanley, Merrill & Phil.	48.97				3.51	52.48
Superior & Southeastern	28.30					28.30
Tomahawk & Eastern	20.77				1.05	21.82
Whitcomb & Morris	6.00					6.00
Winona Bridge Ry. Co.	.54					.54
Wisconsin Central	858.07				231.77	1,089.84
Wisconsin & Michigan	69.27				19.01	88.28
Wisconsin & Northern	43.37				4.00	47.37
Wis., Ruby & Southern	5.00				1.00	6.00
Waupaca-Green Bay	9.85				.60	10.45
Wisconsin Northwestern	16.00				10.00	26.00
Mattoon Ry. Co.	29.36					29.36
Total	7,328.27	453.23	41.24	35.54	2,730.71	10,588.99

¹ Includes 73.26 miles of additional main track.

WISCONSIN AND WHOLE LINE.

Commission for the Year Ending June 30, 1908.

Whole Line.

Miles of single track.	Miles of second track.	Miles of third track.	Miles of fourth track.	Miles of yard track and sidings.	Total.
15.16				1.49	16.65
34.00				3.21	37.21
27.50				1.00	28.50
15.86					15.86
21.00					21.00
7,286.09	450.96	9.63	3.04	2,260.61	10,010.33
7,632.23	824.46	83.94	77.91	2,870.79	11,489.33
1,659.97	85.29	3.18	2.50	547.69	2,298.63
8,809.09	580.24	23.55		2,530.72	11,943.60
328.29	10.32				338.61
11.00				.61	11.61
3.24					3.24
18.00					18.00
19.32					19.32
8.18				12.92	21.10
588.20	2.50			146.82	737.52
13.50					13.50
38.00				2.00	40.00
6,586.09	131.24	9.28	13.05	1,618.21	8,357.82
225.00				28.81	253.81
7.35					7.35
13.70				1.00	14.70
5.00				.75	5.75
14,515.12	684.32	13.67	13.81	1,799.95	7,026.87
4.70				.68	5.38
20.50				6.00	26.50
36.70				6.41	43.11
40.81				3.18	43.99
				20.61	20.61
16.00					16.00
20.25					20.25
23.00				7.25	30.25
26.40				3.04	29.44
2,289.29				382.39	2,671.68
5,935.19	314.75	1.58		1,664.63	7,916.15
8.00					8.00
12.50					12.50
28.00					28.00
48.97				3.51	52.48
28.30					28.30
20.77				1.05	21.82
6.00					6.00
1.03					1.03
962.80	20.11			281.03	1,263.94
125.46				28.08	153.54
43.37				4.00	47.37
5.00				1.00	6.00
9.85				.60	10.45
16.00				10.00	26.00
29.36					29.36
47,639.14	3,104.19	144.83	110.31	14,250.04	65,248.51

RENEWAL OF RAILS,

New Rails Laid by Roads Operating in Wisconsin as Reported to the

Name of Company.	50 to 60 lbs. per yard. Tons.	60 to 67 lbs. per yard. Tons.	70 to 73 lbs. per yard. Tons.	75 to 79 lbs. per yard. Tons.
Abbotsford & N. E.....			275	
Ahnapee & Western				
Ashland, Odanah & M.....				
Balfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P.....				10,552
Chicago & Northwestern	16		1,587	
C., St. P., M. & O.....				
Chi., Burl. & Quincy.....		289		
Chi., L. S. & Eastern.....				
Chi., Harv. & G. Lake.....				
Chicago & Lake Sup.....				
Chip. River & Northern.....				
Chip. Val. & Northern.....				
Drummond & S. W.....				
Duluth, S. S. & Atlantic.....				
Duluth, Sup. & W. Ter.....				
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern				17
Green Bay & Western.....			388	1,035
Hawth'ne, Neb. & Sup.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central				
Iola & Northern.....				
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....				
La Crosse & S. E.....				
Lake Sup. T. & Trans.....				120
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marinette, Tom. & W.....				
Mineral Pt. & Northern.....				
M., St. P. & S. St. M.....				
Northern Pacific			1	
N. W. Coal R'y Co.....				
Oshkosh Trans. Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P.....	102			
Superior & S. E.....	4			
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wis., Ruby & Southern.....				
Waupaca-Green Bay				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total	122	289	2,251	11,724

RENEWAL OF RAILS,

New Rails Laid by Roads Reporting to the

Name of Company.	50 to 65 lbs. per yard. Tons.	66 to 67 lbs. per yard. Tons.	70 to 73 lbs. per yard. Tons.	75 to 79 lbs. per yard. Tons.
Abbotsford & N. E.....			275	
Ahnapee & Western.....				
Ashland, Odanah & M...				
Bayfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P.....				39,536
Chicago & Northwestern	1,469		27,262	
C., St. P., M. & O.....		2	678	
Chi., Burl. & Quincy....		11,332		2,550
Chicago, L. S. & E.....				
Chi., Harv. & G. Lake..				
Chicago & L. Superior..				
Chip. River & Northern.				
Chip. Valley & Northern				
Drummond & S. W.....				
Duluth, S. S. & Atlantic				
Duluth, Sup. & W. Ter.				
Dunbar & Wausaukee...				
Fairchild & N. E.....				
Great Northern	4	76	39	150
Green Bay & Western...			388	1,035
Hawth'ne, Neb. & Sup.				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central				
Iola & Northern.....				
J. R. D. L. Co., L. R'y				
Kewaunee, G. B. & W...				
La Crosse & S. E.....				
Lake Sup. Ter. & T....				120
Laona & Northern.....				
Marathon Co. R'y Co...				
Marinette, Tom. & W...				
Mineral Pt. & Northern				
M., St. P. & S. St. M..	12,392		14,020	
Northern Pacific	1	629	68	
N. W. Coal R'y Co.....				
Oshkosh Trans. Co.....				
R. L. & V. Co., L. R'y.				
Robbins R'y Co.				
Stanley, Merrill & P....	102			
Superior & S. Eastern..	4			
Tomahawk & Eastern...				
Whitcomb & Morris....				
Winona Bridge R'y Co..				
Wisconsin Central				
Wisconsin & Michigan..				
Wisconsin & Northern..				
Wis., Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon R'y Co.				
Total	13,972	12,089	42,730	43,409

REPORT OF THE RAILROAD COMMISSION.

947

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

80 lbs. per yard. Tons.	85 lbs. per yard. Tons.	90 lbs. per yard. Tons.	100 lbs. per yard. Tons.	Total number of tons.	Average price per ton at dis- tributing point.
				275	\$30 00
				39,536	28 00
8		18,686		47,425	28 11
6,648		124		7,452	28 57
	91,861		3,619	109,421	29 81
2,617				2,617	31 95
713	22,688	15,744		39,423	31 00
				1,423	27 27
	30,642			30,642	28 99
	16			136	32 18
3,724				30,136	28 36
	30,351	2,035		33,084	29 93
				102	27 75
				4	32 53
	3,882			3,882	28 58
13,710	179,440	36,589	3,619	345,558	\$27 56

NEW TIES LAID,

On Roads Operating in Wisconsin as Reported to the

Name of Company.	Oak.		Tamarack.		Pine.		Cedar.	
	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point.
Abbotsford & Northeastern.....							6,294	36.37
Alnapee & Western.....							1,252	53.00
Ashland, Odanah & M.....							7,477	30.00
Bayfield Transfer.....								
Big Falls R'y Co.....								
Chicago, Mil. & St. Paul.....								
Chicago & Northwestern.....	200,550	66.08						
Chi., St. P., M. & Omaha.....	28,144	76.00	36,130	49.00	2,668	46.00	79,478	56.00
Chicago, Burl. & Quincy.....	76,725	67.00						
Chicago, Lake Shore & E.....								
Chi., Harv. & Geneva Lake.....								
Chicago & Lake Superior.....								
Chippewa River & Northern.....								
Chippewa Valley & Northern.....								
Drummond & Southwestern.....								
Duluth, S. S. & Atlantic.....	1,004	42.77	787	29.59			2,218	38.55
Duluth, Sup. & Western T.....								
Dunbar & Wausaukee.....								
Fairchild & Northeastern.....								
Great Northern.....	3,546	58.35						
Green Bay & Western.....	5,048	55.00					18,761	58.00
Hawthorne, Nebag. & Sup.....								
Hazelhurst & Southeastern.....			1,037	50.02				
Hillsboro & Northeastern.....								
Illinois Central.....	17,706	52.00			14,663	52.00		
Iola & Northern.....								
J. R. Davis L. Co., Log. R'y.....								
Kewaunee, Green Bay & W.....	449	55.00					899	58.00
La Crosse & Southeastern.....								
Lake Sup. Terminal & Trans.....			4,047	44.00				
Laona & Northern.....								
Marathon County R'y Co.....								
Marinette, Tom. & Western.....								
Mineral Point & Northern.....								
Mpolis., St. P. & S. Ste. M.....								
Northern Pacific.....	3,152	62.30	54,529	60.60				
Northwestern Coal R'y Co.....	307	56.00	2,409	56.00	210	56.00	143	60.00
Oshkosh Transportation Co.....								
Roddis L. & V. Co., L. R'y.....								
Robbins R'y Co.....								
Stanley, Merrill & Phillips.....			12,030	41.00				
Superior & Southeastern.....			2,100	32.00			1,105	32.00
Tomahawk & Eastern.....								
Whitcomb & Morris.....								
Winona Bridge R'y Co.....								
Wisconsin Central.....								
Wisconsin & Michigan.....			997	30.00			13	45.00
Wisconsin & Northern.....								
Wisconsin, Ruby & Southern.....								
Waupaca-Green Bay.....								
Wisconsin Northwestern.....								
Mattoon R'y Co.....								
Total.....	326,631	63.42	114,066	53.06	7,541	49.99	117,641	59.65

¹ Treated.

REPORT OF THE RAILROAD COMMISSION.

949

WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Hemlock.		Mixed.		Culls.		Bridge.		Switch.		Total.	
No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.
2,540	45.00									6,204	36.37
										3,792	47.64
3,000	25.00									10,477	29.00
		378,886	62.02							378,886	62.02
		388,986	47.69							589,536	57.78
43,516	41.00	4,705	41.00	11,230	21.00					205,871	52.00
		22,347								99,072	
		1,056	20.00							1,056	20.00
4,339	10.75									4,339	10.75
32,002	33.24			898	12.20	280	\$2.04	954	62.50	38,138	31.95
		4,384	25.00							4,384	25.00
		19,979	53.39			3,113	1.35			26,638	63.47
48,319	46.00									72,128	49.75
										1,037	50.02
										12,339	52.00
1,800	46.00									1,800	46.00
6,828	46.00	802	46.00							8,978	47.65
								531	122.00	4,608	51.00
		4,350	24.00							4,350	24.00
		136,236	34.15	3,302	19.16					139,538	33.89
		3,163	75.80							60,844	61.50
1,575	43.00									3,060	56.20
										1,575	43.00
11,200	32.00									12,030	41.00
		2,150	24.00							14,406	32.00
		1,800	20.00							2,150	24.00
		47	71.00							1,800	20.00
										47	71.00
		285,949	35.80			6,922	1.174	11,805	106.00	304,676	40.70
1,583	30.00	46	28.00	1,143	15.00					3,782	24.00
3,749	15.00									3,749	15.00
160,451	38.94	1,254,883	47.71	16,568	19.85	10,315	\$1.25	13,320	104.00	2,021,419	51.71

NEW TIES LAID,

On Roads Operating in Wisconsin as Reported to the

Name of Company.	Oak.		Tamarack.		Pine.		Cedar.	
	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.
Abbotsford & N. E.							6,294	36.37
Ahnapee & Western.							1,252	53.00
Ashland, Odanah & M.								
Bayfield Transfer							7,477	30.00
Big Falls R'y Co.								
C., M. & St. P.								
Chicago & Northwestern.	629,213	67.31						
C., St. P., M. & O.	39,552	89.00	63,361	50.00	5,283	48.00	138,838	59.00
Chi., Burl. & Quincy.	1,732,689	67.00						
Chicago, L. S. & Eastern	1,447	65.00					295	62.00
Chi., Harv. & Geneva L.							500	65.00
Chicago & Lake Superior.								
Chip. River & Northern.								
Chip. Valley & Northern.								
Drummond & S. E.								
Duluth, S. S. & Atl.	1,104	42.77	35,998	29.50			42,260	38.55
Duluth, Sup. & W. T.								
Dunbar & Wausaukee								
Fairchild & N. E.								
Great Northern	48,055	50.58						
Green Bay & W.	5,048	55.00					18,761	58.00
Hawthorne, Nebag. & S.								
Hazelhurst & S. E.			1,037	50.92				
Hillsboro & N. E.								
Illinois Central	307,183	45.00			1,259,367	52.00		
Iola & Northern								
J. R. D. L. Co., L. Ry.								
Kewaunee, G. B. & W.	449	55.00					899	58.00
La Crosse & S. E.								
Lake Superior T. & T.			4,047	44.00				
Laona & Northern								
Marathon Co. Ry. Co.								
Marinette, T. & W.								
Mineral Point & N.								
M., St. P. & S. S. M.								
Northern Pacific	48,984	63.30	946,745	57.40				
N. W. Coal Ry. Co.	307	55.00	2,409	55.00	210	53.00	143	60.00
Oshkosh Trans. Co.								
R. L. & V. Co., L. Ry.								
Robbins Ry. Co.								
Stanley, M. & P.			12,030	41.00				
Superior & S. E.			2,100	32.00			1,106	32.00
Tomahawk & Eastern								
Whitcomb & Morris								
Winona Bridge Ry. Co.								
Wisconsin Central								
Wisconsin & Michigan			1,805	30.00			21	45.00
Wisconsin & Northern								
Wisconsin, R. & S.								
Waupaca-Green Bay								
Wisconsin N. W.								
Mattoon Ry. Co.								
Total	2,814,031	60.74	1,069,532	54.74	1,264,860	51.98	217,850	53.05

* Red oak and pine, treated.

REPORT OF THE RAILROAD COMMISSION.

951

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Hemlock.		Mixed.		Culls.		Bridge.		Switch.		Total.	
No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.
2,540	45.00									6,294	33.37
3,000	25.00									3,792	47.64
										10,477	29.00
83,587	42.00	1,419,579	62.02							1,419,579	62.02
		1,311,196	53.21							1,940,409	57.78
		5,001	41.00	24,461	24.00					380,083	54.00
263	66.00	1,993,105		691	65.00					3,725,794	
		19,109	65.00							21,806	65.00
		733	57.00							1,233	60.50
		1,056	20.00							1,056	20.00
4,339	10.75									4,339	10.75
110,877	33.21	909	39.16	3,958	12.20	2,469	204.60	6,490	62.50	204,045	36.37
		4,384	25.00							4,384	25.00
		2,015,655	51.00			141,866	73.79			2,205,576	52.10
48,319	43.00									72,128	49.75
		90,730	40.00							1,037	50.02
										1,657,280	50.04
1,800	46.00									1,800	46.00
6,828	46.00	802	46.00							8,978	47.65
								561	122.00	4,608	54.00
		4,350	24.00							4,350	24.00
		519,943	38.68	18,588	18.84			651	90.00	539,182	34.30
		1,723,656	47.20							2,719,385	50.00
1,575	43.00									3,039	53.20
										1,575	43.00
11,209	32.00									12,030	41.00
		2,150	24.00							14,403	32.00
		1,800	20.00							2,150	24.00
										1,800	20.00
2,868	30.00	323,711	35.80			8,177	117.40	14,636	106.30	346,524	40.70
		84	28.00	2,063	15.00					6,850	24.00
3,749	15.00									3,749	15.00
280,925	38.19	9,487,953	50.93	49,768	21.37	152,512	72.58	22,338	93.04	15,309,769	52.12

CONSUMPTION OF FUEL BY
On Roads Operating in Wisconsin as Reported to the
Freight Locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & Northeastern...	941		45	961	10,011	192.48
Ahnapee & Western.....	344			344	6,916	99.48
Ashland, Odanah & Marengo.						
Bayfield Transfer	1573			1573	130,000	38.20
Big Falls R'y Co.....						
Chicago, Mil. & St. Paul....	377,234		546	378,326	4,850,026	153.01
Chicago & Northwestern.....	510,828	878	1,757	512,292	4,934,371	207.64
Chi., St. P., M. & Omaha....	148,268		1,999	149,268	2,006,501	148.78
Chicago, Burlington & Quincy						
Chicago, Lake Shore & E.....						
Chicago, Harv. & G. Lake....						
Chicago & Lake Superior.....						
Chippewa River & Northern...						
Chippewa Valley & Northern...						
Drummond & Southwestern...						
Duluth, South Shore & Ath...	9,833		87	9,950	164,596	120.90
Dunbar & Wausaukee.....						
Fairchild & Northeastern....						
Great Northern						
Green Bay & Western.....	8,811			8,811	153,234	112.79
Hawthorne, Neb. & Superior.						
Hazelhurst & Southeastern...	1,025			1,025	11,272	181.77
Hillsboro & Northeastern....						
Illinois Central	6,975	17		6,983	87,567	159.57
Iola & Northern						
J. R. Davis L. Co., Log. R'y						
Kewaunee, Green Bay & W...	675			675	11,701	115.37
La Crosse & Southeastern....						
Lake Sup. Term. & Transfer.						
Laona & Northern.....						
Marathon County R'y Co....						
Marinette, Tom. & Western...	1,638		164	1,670	117,017	193.27
Mineral Point & Northern...						
M., St. P. & Sault Ste. M....	43,107		415	43,315	571,837	151.59
Northern Pacific	12,779	10	90	12,830	190,405	134.76
Northwestern Coal R'y Co....						
Roddis L. & V. Co., Log. R'y						
Robbins R'y Co.						
Stanley, Merrill & Phillips...	640	3	13	648	15,152	83.00
Superior & Southeastern....						
Tomahawk & Eastern.....	1150		122	1170	114,210	23.19
Whitcomb & Morris.....						
Wisconsin Central	220,187		1,354	220,854	2,428,835	181.87
Wisconsin & Michigan.....	2,334		30	2,349	46,136	101.19
Wisconsin & Northern.....						
Wisconsin, Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon R'y Co.						
Total	1,346,381	908	6,422	1,351,030	15,552,883	173.71

² Including all revenue service.

LOCOMOTIVES, WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Passenger Locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. Cords.	Soft. Cords.			
170,280		217	170,714	3,432,826	99.46
208,667	774	1,548	209,957	4,341,458	96.72
63,835		861	64,265	1,415,255	70.82
4,908		39	4,947	151,397	65.35
3,977			3,977	138,650	57.37
6,642	16		6,653	83,388	150.53
13,374		131	13,439	363,471	73.95
4,921	6	54	4,952	152,470	61.96
9		1	10	136	150.00
83,499		717	83,858	1,568,271	103.94
1,946		20	1,956	69,375	57.63
562,058	796	3,538	564,728	11,716,697	96.40

CONSUMPTION OF FUEL BY
Mixed Locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & Northeastern.....						
Ahnapee & Western.....	1,284			1,284	42,704	60.13
Ashland, Odanah & M.....	11,535		100	11,585	146,380	68.35
Bayfield Transfer						
Big Falls R'y Co.....						
Chi., Mil. & St. Paul.....	30,698		38	30,774	511,483	120.33
Chicago & Northwestern.....	16,184	64	126	16,290	356,250	91.45
C., St. P. M. & O.....	9,142		123	9,208	257,055	71.00
Chicago, Burlington & Quincy.....						
Chicago, L. Shore & Eastern.....						
Chi., Harv. & Geneva Lake... ²	525			525	24,009	43.69
Chicago & Lake Superior.....	740			740	9,360	158.12
Chippewa River & Northern.....						
Chippewa Valley & Northern.....						
Drummond & Southwestern.....						
Duluth, South Shore & Atl.....						
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern						
Green Bay & Western.....	4,962			4,932	135,048	73.16
Hawthorne, Nebag. & Sup....	200		20	210	1,100	381.00
Hazelhurst & Southeastern.....						
Hillsboro & Northeastern.....						
Illinois Central	1,250	3		1,252	15,681	159.65
Iola & Northern	384			384	11,803	65.05
J. R. Davis L. Co., L. R'y.....						
Kewaunee, Green Bay & W.....	1,944			1,944	45,216	85.99
La Crosse & Southeastern.....	2,530		23	2,541	60,935	83.40
Lake Sup. Ter. & Transfer.....						
Laona & Northern						
Marathon County R'y Co.....						
Marinette, Tomahawk & W.....						
Mineral Point & Northern....	2,513			2,513	33,497	150.04
Mpomis., St. P. & S. St. M....	2,469		28	2,483	62,189	79.85
Northern Pacific	1,425	1	10	1,431	23,975	119.38
Northwestern Coal R'y Co.....						
Röddis L. & V. Co., L. R'y.....						
Robbins R'y Co.....						
Stanley, Merrill & Phillips....	1,160	6	20	1,174	25,010	94.00
Superior & Southeastern.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central						
Wisconsin & Michigan.....	746		8	750	17,226	86.67
Wisconsin & Northern.....	1,921			1,921	47,969	80.00
Wisconsin, Ruby & Southern.....						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon R'y Co.....						
Total	81,612	74	496	81,966	1,727,490	94.95

¹ Including switching and non-revenue service locomotives.² Power house.

LOCOMOTIVES, WISCONSIN, 1908—Continued.

Special Locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. Cords.	Soft. Cords.			
229			229	8,539	53.69
792	2	3	794	9,084	174.81
89		1	90	2,220	81.08
25		1	26	436	114.78
5			5	67	149.25
24			24	1,259	38.13
7			7	221	63.34
13	1		14	288	97.00
17		1	18	663	50.00
1,201	3	6	1,207	22,777	105.90

CONSUMPTION OF FUEL BY LOCOMOTIVES,
Switching Locomotives.

Name of Company,	Bituminous coal, Tons.	Wood.		Total fuel consumed, Tons.	Miles run.	Average pounds consumed per mile.
		Hard Cords.	Soft Cords.			
Abbotsford & N. E.....						
Ahnapee & Western.....						
Ashland, Odanah & M.....						
Bayfield Transfer.....						
Big Falls Ry. Co.....						
Chi., Milw. & St. P.....	104,950		109	105,168	2,500,730	84.11
Chicago & N. W.....	120,386	435	871	121,112	2,450,308	98.85
C., St. P., M. & O.....	23,165		313	23,322	557,762	83.63
Chicago, Burl. & Q.....						
Chicago, L. S. & E.....						
Chicago, Harv. & G. L.....						
Chicago & L. S.....						
Chippewa R. & N.....						
Chippewa V. & N.....						
Drummond & S. W.....						
Duluth, S. S. & Atl.....	309		20	328	14,088	46.61
Dunbar & Wausaukee.....						
Fairchild & N. E.....						
Great Northern.....						
Green Bay & W.....	1,740			1,740	43,381	80.21
Hawthorne, Nebag. & S.....						
Hazelhurst & S. E.....						
Hillsboro & N. E.....						
Illinois Central.....	261	1		262	3,289	159.12
Iola & Northern.....						
J. R. D. L. Co., L. Ry.....						
Kewaunee, G. B. & W.....	162			162	3,514	92.20
La Crosse & S. E.....						
Lake Superior T. & T.....	7,621		70	7,656	178,890	83.19
Laona & Northern.....						
Marathon Co. Ry. Co.....						
Marinette, T. & W.....						
Mineral Point & N.....						
M., St. P. & S. S. M.....	1,228		5	1,231	32,169	76.53
Northern Pacific.....	681	2	13	688	96,945	14.19
N. W. Coal Ry. Co.....	680			680	23,400	58.12
R. L. & V. Co., L. Ry.....						
Robbins Ry. Co.....						
Stanley, M. & P.....	1,424	6	26	1,441	34,208	84.00
Superior & S. E.....						
Tomahawk & Eastern.....						
Whitecomb & Morris.....						
Wisconsin Central.....	33,376		480	33,616	534,861	125.70
Wisconsin & Michigan.....	409		4	411	10,131	79.38
Wisconsin & Northern.....						
Wisconsin, R. & S.....						
Waupaca-Green Bay.....						
Wisconsin N. W.....						
Mattoon Ry. Co.....						
Total.....	296,392	444	1,911	2,978,817	3,483,580	91.88

WISCONSIN, 1908.—Continued.

Non-revenue Service Locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. Cords.	Soft. Cords.			
218			218	3,717	117.30
11,609		22	11,653	264,525	88.11
13,314	58	118	13,412	331,350	80.95
7,103		96	7,151	116,769	122.48
701		1	702	21,032	66.77
594			594	10,380	114.45
180			180	2,272	158.45
190			190	2,356	161.29
1,272			1,272	31,251	81.41
1,045		1	1,046	22,458	93.15
411	2	8	416	9,594	87.00
10,374		46	10,397	130,570	148.98
202		3	203	5,874	68.61
47,213	60	205	47,434	961,148	98.71

CONSUMPTION OF FUEL BY

Totals for

Name of Company.	Bituminous coal.		Hard wood.	
	Number of tons.	Average cost at distributing point.	Number of cords.	Average cost at distributing point.
Abbotsford & N. E.....	941	\$2.95		
Ahnapee & Western.....	1,846	3.00		
Ashland, Odanah & M..	1,535	3.40		
Bayfield Transfer	573	3.90		
Big Falls Ry. Co.....				
Chi., Mtw. & St. P....	695,000	2.13		
Chicago & Northwestern.	870,171	1.94	2,211	2.33
Chi., St. P., M. & O....	251,602	2.90		
Chi., Burlington & Q..				
Chi., Lake Shore & E....				
Chi., Harv. & Geneva L.	525	2.60		
Chi., & Lake Superior..	740			
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....				
Dul., S. S. & Atlantic...	15,806	3.09		
Dunbar & Wausaukee...				
Fairchild & N. E.....				
Great Northern				
Green Bay & W.....	20,084	2.75		
Haw., Nebag. & Sup....	200	4.25		
Hazelhurst & S. E.....	1,025	4.25		
Hillsboro & N. E.....				
Illinois Central	15,313	1.42	37	2.36
Iola & Northern	384	3.00		
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	2,971	3.00		
La Crosse & S. E.....	2,530	3.05		
Lake Superior T. & T....	7,621	3.01		
Laona & Northern				
Marathon Co. Ry. Co...				
Marinette, T. & W.....	1,633	4.50		
Mineral Point & N.....	2,513	3.47		
M., St. P. & S. S. M....	61,474	2.93		
Northern Pacific	20,853	3.04	19	2.35
N. W. Coal Ry. Co.....	680	2.83		
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & P...	3,657	4.50	13	3.00
Superior & Southeastern				
Tomahawk & Eastern ..	159	4.50		
Whitcomb & Morris				
Wisconsin Central	347,436	1.66		
Wisconsin & Michigan ..	5,654	3.00		
Wisconsin & Northern ..	1,921	4.25		
Wisconsin, Ruby & S....				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	2,334,857	\$2.13	2,285	\$2.34

LOCOMOTIVES, WISCONSIN—concluded.

Wisconsin.

Soft wood.		Total fuel consumed.		Miles run.	Average pounds consumed per mile.
Number of cords.	Average cost at distributing point.	Number of tons.	Average cost at distributing point.		
45		964	\$2.95	10,011	192.48
		1,846	3.00	53,337	69.22
100	\$1.00	1,585	3.40	46,380	68.35
		573	3.90	30,000	38.20
932	2.02	696,864	2.13	11,568,133	120.48
4,423	2.33	873,857	1.95	12,422,821	140.69
3,393	1.50	253,299	2.90	4,355,652	116.81
		525	2.60	24,009	43.69
		740		9,360	158.12
147	1.49	15,953	3.09	351,549	90.76
		20,034	2.75	494,296	82.94
20	2.00	210	4.23	1,100	381.00
		1,025	4.25	11,272	181.77
		15,338	1.42	192,237	159.55
		384	3.00	11,806	65.05
		2,971	3.00	62,787	84.64
23	2.00	2,541	3.05	60,985	83.40
70	2.32	7,656	3.02	178,800	86.19
64	1.00	1,670	4.45	17,017	196.27
		2,513	3.47	33,497	150.04
579	1.78	61,764	2.92	1,062,176	116.30
168	2.35	20,954	3.05	496,474	86.15
		680	2.88	23,400	53.12
68	2.50	3,708	4.50	84,388	88.00
22	1.00	170	4.34	14,219	23.91
2,597	1.26	348,735	1.66	4,071,537	149.30
66	2.00	5,687	3.00	149,405	74.01
		1,921	4.25	47,969	80.00
12,717	\$1.81	2,344,212	\$2.13	36,464,596	128.58

CONSUMPTION OF FUEL BY LOCOMOTIVES,
On Roads reporting to the Railroad Commission
Freight Locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & N. E.....	941		45	964	10,011	192.48
Ahnapee & Western.....	344			344	6,916	99.48
Ashland, Odanah & M.....						
Bayfield Transfer.....	573			573	30,000	38.20
Big Falls Ry. Co.....						
Chi., Milw. & St. P.....	1,503,096		2,021	1,504,106	19,282,101	156.01
Chicago & N. W.....	1,796,082	3,317	6,694	1,801,660	18,773,254	191.93
C., St. P., M. & O.....	269,711		3,613	271,517	3,753,383	144.68
Chicago, Burl. & Q.....	1,932,958		17,114	1,941,515	17,742,510	218.80
Chicago, L. S. & E.....						
Chicago, Harv. & G. L.....						
Chicago & L. S.....						
Chippewa R. & N.....						
Chippewa V. & N.....						
Drummond & S. W.....						
Duluth, S. S. & Atl.....	66,564		530	66,829	1,105,515	120.90
Dunbar & Wausaukee.....						
Fairchild & N. E.....						
Great Northern.....	953,957	14,643		963,722	10,012,536	192.53
Green Bay & W.....	8,811			8,811	156,234	112.79
Hawthorne, Nebag. & S.....						
Hazelhurst & S. E.....	1,025			1,025	11,272	181.77
Hillsboro & N. E.....						
Illinois Central.....	1,338,575	3,417		1,400,853	17,457,035	160.40
Iola & Northern.....						
J. R. D. L. Co., L. Ry.....						
Kewaunee, G. B. & W.....	675			675	11,701	115.37
La Crosse & S. E.....						
Lake Superior T. & T.....						
Laona & Northern.....						
Marathon Co. Ry. Co.....						
Marinette, T. & W.....	1,638		164	1,670	17,017	196.27
Mineral Point & N.....						
M., St. P. & S. S. M.....	214,460		2,068	215,494	2,845,257	151.48
Northern Pacific.....	1,480,195	773	6,953	1,484,185	13,202,582	224.83
N. W. Coal Ry. Co.....						
R. L. & V. Co., L. Ry.....						
Robbins Ry. Co.....						
Stanley, M. & P.....	640	3	13	648	15,152	83.00
Superior & S. E.....						
Tomahawk & Eastern.....	1159		122	1170	14,219	23.19
Whitcomb & Morris.....						
Wisconsin Central.....	256,338		1,576	257,126	2,827,610	181.87
Wisconsin & Michigan.....	4,228		54	4,255	83,555	101.19
Wisconsin & Northern.....						
Wisconsin, R. & S.....						
Waupaca-Green Bay.....						
Wisconsin N. W.....						
Mattoon Ry. Co.....						
Total.....	9,890,970	22,188	40,767	9,926,142	107,357,900	184.90

¹ Includes all revenue service locomotives.

CONSUMPTION OF FUEL BY LOCOMOTIVES.
Mixed locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Ave. pounds consumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & N. E.						
Ahnapee & Western	1,284			1,284	42,704	60.13
Ashland, Odanah & M.	1,535		1100	11,585	146,380	168.35
Bayfield Transfer						
Big Falls Ry. Co.						
Chi., Milw. & St. P.	69,353		142	69,429	1,153,973	120.33
Chicago, & N. W.	66,766	258	518	67,197	1,488,491	90.28
C., St. P., M. & O.	21,820		307	21,974	595,494	73.80
Chicago, Burl. & O.	137,773		1,301	138,424	1,219,351	227.00
Chicago, L. S. & E.						
Chicago, Harv. & G. L.	21,049			21,049	48,018	43.63
Chicago & L. S.	740			740	9,300	158.12
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.	666		17	675	12,687	106.45
Dunbar & Wausaukce						
Fairchild & N. E.						
Great Northern	55,399	850		55,966	821,941	136.18
Green Bay & Western	4,962			4,962	135,648	73.16
Hawthorne, Nebag. & S.	200		20	210	1,100	381.00
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	16,265	40		16,292	208,721	159.94
Iola & Northern	384			384	11,836	65.05
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.	1,944			1,944	45,216	85.09
La Crosse & S. E.	2,530		23	2,511	60,935	83.40
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marinette. T. & W.						
Mineral Point & N.	2,513			2,513	33,497	150.04
M., St. P. & S. S. M.	15,373		176	15,461	387,296	79.84
Northern Pacific	52,710	26	220	52,811	858,199	123.14
N. W. Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.	1,160	6	20	1,174	25,010	94.00
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central						
Wisconsin & Michigan	1,352		14	1,357	31,200	81.67
Wisconsin & Northern	1,921			1,921	47,939	80.00
Wisconsin, R. & S.						
Waupaca-Green Bay						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	457,704	1,180	2,837	459,925	7,279,996	126.36

¹ Including switching locomotives and non-revenue service.

² Power house.

CONSUMPTION OF FUEL BY LOCOMOTIVES,
Switching Locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
		Hard. cords.	Soft. cords.			
Abbotsford & N. E.....						
Ahnapee & Western.....						
Ashland, Odanah & M.....						
Bayfield Transfer.....						
Big Falls Ry. Co.....						
Chi., Milw. & St. P.....	304,152		405	304,354	7,237,423	84.11
Chicago & N. W.....	473,354	1,597	3,192	476,015	8,978,159	106.04
C., St. P., M. & O.....	66,432		898	66,881	1,500,362	89.15
Chicago, Burl. & Q.....	447,518		4,911	449,974	8,226,070	109.40
Chicago, L. S. & E.....						
Chicago, Harv. & G. L.....						
Chicago & L. S.....						
Chippewa R. & N.....						
Chippewa V. & N.....						
Drummond & S. W.....						
Duluth, S. S. & Atl.....	8,369		120	8,429	361,670	46.61
Dunbar & Wausaukee.....						
Fairchild & N. E.....						
Great Northern.....	216,383	3,323		218,508	3,465,190	126.17
Green Bay & W.....	1,740			1,740	43,384	89.21
Hawthorne, Nebag. & S.....						
Hazelhurst & S. E.....						
Hillsboro & N. E.....						
Illinois Central.....	1,577,841	1,392		578,769	7,115,414	162.68
Iola & Northern.....						
J. R. D. L. Co., L. Ry.....						
Kewaunee, G. B. & W.....	162			162	3,514	92.29
La Crosse & S. E.....						
Lake Superior T. & T.....	7,621		70	7,656	178,800	83.19
Laona & Northern.....						
Marathon Co. Ry. Co.....						
Marinette, T. & W.....						
Mineral Point & N.....						
M., St. P. & S. S. M.....	18,628		73	18,695	488,231	76.46
Northern Pacific.....	287,478	83	710	287,905	4,631,418	124.33
N. W. Coal Ry. Co.....	680			680	23,400	58.12
R. L. & V. Co., L. Ry.....						
Robbins Ry. Co.....						
Stanley, M. & P.....	1,424	6	25	1,441	34,208	81.00
Superior & S. E.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central.....	58,508		811	58,929	937,614	125.75
Wisconsin & Michigan.....	741		8	745	18,530	79.98
Wisconsin & Northern.....						
Wisconsin, R. & S.....						
Waupaca-Green Bay.....						
Wisconsin N. W.....						
Mattoon Ry. Co.....						
Total.....	2,471,631	6,401	11,284	2,489,943	43,243,387	114.73

¹ Includes 7,858 tons coke.

WHOLE LINE, 1908.—Continued.

Non-revenue Service Locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. cords.	Soft. cords.			
218			218	3,717	117.30
61,423		80	61,463	1,395,220	88.11
61,401	273	547	61,859	1,552,797	79.67
11,493		154	11,570	219,558	105.39
195,910		2,662	197,241	1,997,810	197.50
2,124		8	2,128	63,745	66.77
107,649	1,653		108,752	1,631,413	133.32
594			594	10,380	114.45
47,105	113		47,180	533,122	160.99
190			190	2,356	161.29
9,427			9,427	234,427	80.45
114,850	32	300	115,023	1,981,034	116.12
411	2	8	416	9,594	87.00
11,767		52	11,793	158,306	148.98
365		5	368	10,640	68.61
624,930	2,073	3,816	628,222	9,857,119	127.45

CONSUMPTION OF FUEL BY LOCOMOTIVES,

Totals for

Name of Company.	Bituminous coal.		Hard wood.	
	Number of tons.	Average cost at distributing point.	Number of cords.	Average cost at distributing point.
Abbotsford & N. E.....	941	\$2.95		
Ahnapee & Western	1,846	3.00		
Ashland, Odanah & M... ..	1,585	3.45		
Bayfield Transfer	573	3.90		
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul..	2,544,993	2.13		
Chicago & N. W.....	3,196,421	1.94	8,487	\$2.33
Chi., St. P., M. & O.....	508,754	2.88		
Chicago, Burl. & Q.....	3,516,340	1.77		
Chicago, L. S. & E.....				
Chicago, Harv. & G. L..	1,049	2.60		
Chicago & Lake Sup.....	740			
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl....	107,052	3.09		
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern	1,727,037	2.83	26,519	2.50
Green Bay & Western ..	20,084	2.75		
Hawthorne, Nebag. & S.	200	4.25		
Hazelhurst & S. E.....	1,025	4.25		
Hillsboro & N. E.....				
Illinois Central	3,010,424	1.22	7,333	1.88
Iola & Northern	384	3.00		
J. R. D. L. Co., L. Ry..				
Kewaunee, G. B. & W..	2,971	3.00		
La Crosse & S. E.....	2,530	3.05		
Lake Superior T. & T..	7,621	3.01		
Laona & Northern				
Marathon Co. Ry. Co..				
Marinette, T. & W.....	1,638	4.50		
Mineral Point & N.....	2,513	3.47		
M., St. P. & S. S. M..	349,196	3.61		
Northern Pacific	2,492,679	2.45	1,213	2.12
N. W. Coal Ry. Co.....	680	2.88		
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & P... ..	3,657	4.50	18	3.00
Superior & Southeastern				
Tomahawk & Eastern ..	159	4.50		
Whitcomb & Morris				
Wisconsin Central	425,799	1.66		
Wisconsin & Michigan ..	10,314	3.00		
Wisconsin & Northern ..	1,921	4.25		
Wisconsin, Ruby & S... ..				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	17,941,076	\$2.08	43,570	\$2.35

¹ Includes 7,333 tons coke at average cost of \$4.70 per ton.

WHOLE LINE, 1908—Concluded.

Whole Line.

Soft wood.		Total fuel consumed.		Miles run.	Average pounds consumed per mile.
Number of cords.	Average cost at distributing point.	Number of tons.	Average cost at distributing point.		
45	.....	964	\$2.95	10,011	192.48
.....	.....	1,846	3.00	52,337	69.22
100	\$1.00	1,585	3.40	46,389	68.35
.....	.....	573	3.90	30,000	38.20
.....
3,453	2.02	2,546,719	2.13	41,289,730	123.56
16,974	2.33	3,210,566	1.95	47,708,359	134.59
6,862	1.58	512,185	2.88	9,265,181	110.56
37,169	1.59	3,534,925	1.76	44,909,793	157.40
.....
.....	.....	1,049	2.60	48,018	43.69
.....	.....	740	.....	9,360	158.12
.....
.....
914	1.49	107,509	3.09	2,443,308	88.00
.....
.....	.....	1,744,717	2.84	24,375,627	143.15
.....	.....	20,034	2.75	484,236	82.94
.....
20	2.00	210	4.23	1,100	331.03
.....	.....	1,025	4.25	11,272	181.77
.....
.....	.....	3,015,313	1.23	37,478,302	160.91
.....	.....	384	3.00	11,806	65.05
.....
.....	.....	2,971	3.00	62,787	94.64
23	2.00	2,541	3.05	60,935	83.40
70	2.32	7,656	3.02	178,800	86.19
.....
.....
64	1.00	1,670	4.45	17,017	196.27
.....	.....	2,513	3.47	33,497	150.04
3,208	2.23	350,800	3.61	6,443,392	108.89
10,890	2.12	2,408,931	2.45	30,254,010	165.20
.....
.....	.....	680	2.88	23,400	58.12
.....
.....
68	2.50	3,703	4.50	84,388	88.00
.....
.....
22	1.00	170	4.34	14,219	23.91
.....
3,321	1.30	427,460	1.66	5,786,434	147.74
120	2.00	10,374	3.00	269,995	74.01
.....	.....	1,921	4.25	47,969	80.03
.....
.....
83,323	\$1.84	13,011,784	\$2.03	251,452,723	143.25

SUMMARY OF ACCIDENTS TO PERSONS IN THE STATE

Kind of

Name of Company.	Coupling or un-coupling.		Collisions.		Derailments.		Parting of trains.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
RAILROADS								
Abbotsford & Northeastern								
Ashland, Odanah & Marengo.....		1						
Chicago, Milwaukee & St. Paul	3	23		16		4		1
Chicago & Northwestern	1	51		17		25		1
Chicago, St. Paul, Mpls. & Omaha.	1	25		20		4		2
Chicago, Burlington & Quincy			3	3				
Chicago, Lake Shore & Eastern		1						
Chicago, Harvard & Geneva Lake ..								
Chippewa Valley & Northern								
Duluth, South Shore & Atlantic ...								
Great Northern		3	2	4		1		
Green Bay & Western R. R.								
Illinois Central								
Kewaunee, Green Bay & Western...								
La Crosse & Southeastern								
Lake Superior Terminal & Transfer								
Mineral Point & Northern								
Mpls., St. Paul & S. Ste. Marie		2		2		2		
Northern Pacific		4						
Northwestern Coal Ry. Co.....								
Stanley, Merrill & Phillips								
Wisconsin Central	1	11		9		5		
Wisconsin & Michigan		1						
Mattoon Ry. Co.....								
Total for Railroads	6	121	5	71		41		4
ELECTRIC RAILWAYS								
Green Bay Traction Co.....								
Milwaukee Electric Light & Ry. Co.		1		87		10		
Milwaukee Light, Heat & Tr. Co...		2		33		3		
Milwaukee & Northern								
Total for Electric Railways..		3		120		13		
Total of both	6	124	5	191		54		4

REPORT OF THE RAILROAD COMMISSION.

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OF WISCONSIN FROM JULY 1, 1907, TO JUNE 30, 1908.

Accident.

Locomotives or cars breaking down.		Falling from trains, locomotives, or cars.		Jumping on or off trains, locomotives, or cars.		Struck by trains, locomotives, or cars.		Overhead obstructions.		Other causes.		Total.	
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
2													2
7	8	56	2	27	52	77	2	7	231	72	443		1
12	2	60	3	86	51	74	1	5	2	527	60	858	
3	5	3	3	12	14	13		3		47	23	137	
		1		3	3	4				3	11	14	
										3		4	
				1		1				1		1	
					2						2	2	
1		9	1	5	3	5			1	6	7	34	
				1	1					2		2	
				1		1				9	1	10	
						1						2	
					1				1		2	2	
2		3		2	1	2		1		1		2	
		1			2	3				6	1	21	
		1			2					12	2	20	
												1	
		1		1								2	
9	2	36	2	34	20	19			1	178	26	301	
				1						6		3	
										1		1	
36	17	176	11	174	155	200	1	11	12	1,033	207	1,867	
						1	1				1	1	
2		55	5	410	16	60		1		156	25	782	
		1		37	6	5			4	12	6	93	
				1							1		
2		56	5	447	24	66		1	4	168	33	876	
38	17	232	16	621	179	266	1	12	16	1,201	240	2,743	

SUMMARY OF ACCIDENTS TO PERSONS IN THE STATE
Classes of

Name of Company.	Trainmen.		Shopmen.		Station men.		Other employes.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
RAILROADS								
Abbotsford & Northeastern								1
Ashland, Odanah & Marengo								134
Chicago, Milwaukee & St. Paul	14	191			1	7	7	239
Chicago & Northwestern	4	392		12	2	15	5	239
Chicago, St. Paul, Mpls. & Omaha..	3	33		3	1	2	1	44
Chicago, Burlington & Quincy		6					2	3
Chicago, Lake Shore & Eastern		3						1
Chicago, Harvard & Geneva Lake		1						
Chippewa Valley & Northern								1
Duluth, South Shore & Atlantic								
Great Northern	3	30					1	2
Green Bay & Western R. R.								1
Illinois Central		1						4
Kewaunee, Green Bay & Western...								
La Crosse & Southeastern								
Lake Superior Term. & Transfer... ..	1							
Mineral Point & Northern								
Mpls., St. Paul & Sault Ste. Marie..		15						1
Northern Pacific		11						7
Northwestern Coal Ry. Co.		1						
Stanley, Merrill & Phillips								1
Wisconsin Central	1	164		3			2	84
Wisconsin & Michigan		4		1				3
Mattoon Ry. Co.								
Total for Railroads	26	857		19	4	24	18	586
ELECTRIC RAILWAYS								
Green Bay Traction								
Milwaukee Electric Light & Ry.		13		1			4	16
Milwaukee Light, Heat & Traction ..	1	2						8
Milwaukee & Northern								
Total for Electric Railways ..	1	15		1			4	24
Total of both	27	872		20	4	24	22	610

REPORT OF THE RAILROAD COMMISSION.

OF WISCONSIN FROM JULY 1, 1907, TO JUNE 30, 1908—Concluded.
Persons.

Passengers.				Trespassers.				Neither trespassers, passengers nor employees.		On crossings.		Total.		Loss in dollars.	
On trains.		On platform.		On trains.		On right of way.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Collisions.	Derailments.
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.								
	2														
1	24	1	7	1	9	18	16	17	31	12	24	72	443	\$16,887 95	\$3,435 76
	41		9	6	14	26	13	4	25	13	38	60	858	15,875 00	11,465 00
	26			3	10	7	5	4	5	4	4	23	137	3,739 59	5,828 33
	1			3	1	3	1	1	2	2		11	14	2,195 00	8,785 10
													4		
													1		
						2							2	1,207 00	
						3	1					7	34	5,750 00	3,250 00
	1												2		500 00
	1		1						1	1		1	10		250 00
	3				1						1		2		
								1					1		
						1						2			
	1						1						2		92 00
	3	1							1				2		
						1	1			1	1	1	21		1,110 00
										1	1	2	20	800 00	1,788 00
													1		
			1										2		
	1	26		9	2	3	12	8	7	4	1	6	26	2	
													301	18,308 53	22,677 25
	1												8		
													1		
2	124	2	27	15	38	73	46	33	70	34	76	207	1,867	\$64,763 07	\$59,181 44
1	250	4	432	1	1			15	65	1	1	1	1		
	40		37			1	1	4	4		4	25	732		
										1		6	93		
												1			
1	290	4	469	1	1	1	1	19	69	2	6	33	876		
3	414	6	496	16	39	74	47	52	139	36	83	240	2,743	\$64,763 07	\$59,181 44

CHARACTERISTICS OF RAIL
As Reported to the Railroad Commission

Name of Company.	Iron or steel bridges.					
	No.	Aggregate length.		Minimum length.		Maximum length.
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern						
Ahnapee & Western	2	88		40	48	
Ashland, Odanah & Marengo						
Bayfield Transfer						
Big Falls Ry. Co.						
Chicago, Milwaukee & St. Paul	226	30,223		8	985	
Chicago & Northwestern	560	39,905	10	5	2,289	6
Chicago, St. Paul, Mpls. & Omaha	214	15,516		14	880	
Chicago, Burlington & Quincy	12½	6,042		20	1,453	
Chicago, Lake Shore & Eastern						
Chicago, Harvard & Geneva Lake						
Chicago & Lake Superior						
Chippewa River & Northern						
Chippewa Valley & Northern						
Drummond & Southwestern						
Duluth, South Shore & Atlantic	9	445	7	16	133	4
Duluth, Superior & Western Terminal	4	1,802		30	1,632	
Dunbar & Wausaukee						
Fairchild & Northeastern	1	160		160	160	
Great Northern	8	2,212		21	1,378	
Green Bay & Western	13	2,092		30	624	
Hawthorne, Nebagamon & Superior						
Hazelhurst & Southeastern						
Hillsboro & Northeastern						
Illinois Central	13	1,648		25	250	
Iola & Northern						
J. R. Davis Lbr. Co., Logging Ry.						
Kewaunee, Green Bay & Western	4	240		30	90	
La Crosse & Southeastern						
Lake Superior Terminal & Transfer						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, Tomahawk & Western						
Mineral Point & Northern						
Minneapolis, St. Paul & Sault Ste. M. .	6½	1,947		46	566	
Northern Pacific	7	824		69	303	
Northwestern Coal Ry. Co.						
Oshkosh Transportation Co.						
Roddis Lbr. & Veneer Co., Logging Ry. .						
Robbins Ry. Co.						
Stanley, Merrill & Phillips						
Superior & Southeastern						
Tomahawk & Eastern						
Whitcomb & Morris						
Winona Bridge Ry. Co.						
Wisconsin Central	50	12,092		24	2,339	
Wisconsin & Michigan	4	429		60	162	
Wisconsin & Northern	4	225		300	750	
Wisconsin, Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern	1	55		55	55	
Mattoon Ry. Co.						
Total	1,147½	115,946	5	5	2,389	

¹ Includes 3 pontoon bridges of 400 feet each.

CHARACTERISTICS OF RAILROADS,

Name of Company.	Combination bridges.						
	No.	Aggregate length.		Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern.....							
Ahnapee & Western.....	1	1,463		1,463		1,463	
Ashland, Odanah & Marengo.....							
Bayfield Transfer							
Big Falls R'y Co.....							
Chicago, Milwaukee & St. Paul.....							
Chicago & Northwestern.....	2	399	6	42		357	6
Chicago, St. Paul, Minneapolis & Omaha							
Chicago, Burlington & Quincy							
Chicago, Lake Shore & Eastern.....							
Chicago, Harvard & Geneva Lake.....							
Chicago & Lake Superior.....							
Chippewa River & Northern.....							
Chippewa Valley & Northern.....							
Drummond & Southwestern							
Duluth, South Shore & Atlantic.....							
Duluth, Superior & Western Terminal..							
Dunbar & Wausaukee							
Fairchild & Northeastern							
Great Northern							
Green Bay & Western.....							
Hawthorne, Nebagamon & Superior.....							
Hazelhurst & Southeastern.....							
Hillsboro & Northeastern.....							
Illinois Central							
Iola & Northern							
J. R. Davis Lumber Co., Logging R'y....							
Kewaunee, Green Bay & Western.....	1	1,700		1,700		1,700	
La Crosse & Southeastern.....							
Lake Superior Terminal & Transfer.....							
Laona & Northern							
Marathon County R'y Co.....							
Marinette, Tomahawk & Western.....	1	567		537		537	
Mineral Point & Northern.....	5	461		60		123	
Minneapolis, St. Paul & Sault Ste. Marie	4½	2,816		189		1,573	
Northern Pacific							
Northwestern Coal R'y Co.....							
Oshkosh Transportation Co.....							
Roddis Lumber & Veneer Co., Log. R'y....							
Robbins R'y Co.							
Stanley, Merrill & Phillips.....							
Superior & Southeastern							
Tomahawk & Eastern							
Whitcomb & Morris							
Winona Bridge R'y Co.....							
Wisconsin Central							
Wisconsin & Michigan							
Wisconsin & Northern							
Wisconsin, Ruby & Southern.....							
Waupaca-Green Bay							
Wisconsin Northwestern							
Mattoon R'y Co.							
Total	14½	7,414	6	42		1,700	

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.

Total bridges.							Trestles.						
No.	Aggregate length.		Minimum length.		Maximum length.		No.	Aggregate length.		Minimum length.		Maximum length.	
	Feet.	In.	Feet.	In.	Feet.	In.		Feet.	In.	Feet.	In.	Feet.	In.
8	848	.....	64	.....	400	.....	.....	.....	.....	.....	.....	.....	.....
11	2,338	.....	.....	.....	.....	.....	25	1,175	.....	24	.....	175	.....
.....	.....	.....	.....	.....	.....	.....	2	1,235	.....	610	.....	621	.....
.....
248	35,847	.....	8	.....	985	.....	1,230	102,335	.....	7	.....	1,343	.....
700	49,875	8	4	.....	2,289	6	1,620	128,715	11	5	.....	1,652	.....
202	20,833	.....	14	.....	880	.....	683	50,650	.....	5	.....	2,131	.....
13½	6,221	.....	20	.....	1,453	.....	248	23,132	.....	8	.....	1,260	.....
.....
9	850	.....	24	.....	400	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	1	210	.....	210	.....	210	.....
15	878	7	16	.....	150	.....	34	7,801	.....	16	.....	1,196	.....
4	1,802	.....	30	.....	1,632	.....	2	1,397	.....	678	.....	719	.....
8	440	.....	30	.....	160	.....	.....	.....	.....	.....	.....	.....	.....
8	2,212	.....	21	.....	1,378	.....	2	2,380	.....	820	.....	1,560	.....
118	6,392	.....	28	.....	624	.....	.....	.....	.....	.....	.....	.....	.....
2	100	.....	40	.....	60	.....	1	300	.....	300	.....	300	.....
1	277	.....	277	.....	277	.....	.....	.....	.....	.....	.....	.....	.....
44	1,869	.....	3	.....	250	.....	176	14,355	.....	10	.....	614	.....
5	437	.....	60	.....	120	.....	.....	.....	.....	.....	.....	.....	.....
10	2,292	.....	30	.....	1,700	.....	.....	.....	.....	.....	.....	.....	.....
65	4,494	.....	8	.....	325	.....	.....	.....	.....	.....	.....	.....	.....
.....
5	1,500	.....	.....	.....	537	.....	2	80	.....	30	.....	50	.....
5	469	.....	60	.....	123	.....	60	2,672	.....	15	.....	160	.....
158	25,587	.....	15	.....	1,573	.....	.....	.....	.....	.....	.....	.....	.....
10	1,438	.....	44	.....	303	.....	34	6,397	.....	13	.....	2,230	.....
.....
2	202	.....	42	.....	160	.....	2	268	.....	79	.....	189	.....
6	592	.....	48	.....	176	.....	.....	.....	.....	.....	.....	.....	.....
3	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	13,398	.....	24	.....	2,339	.....	516	40,932	.....	10	.....	1,420	.....
5	629	.....	60	.....	162	.....	1	200	.....	200	.....	200	.....
4	225	.....	30	.....	75	.....	7	2,691	4	52	.....	1,257	8
.....
1	55	.....	55	.....	55	.....	.....	.....	.....	.....	.....	.....	.....
1,829	182,283	3	3	.....	2,339	.....	4,651	383,926	3	5	.....	2,289	.....

CHARACTERISTICS OF RAILROADS,

Tunnels.

Name of Company.	No.	Aggregate length.		Minimum length.		Maximum length.		Height of lowest above surface of rail.	
		Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & N. E.									
Ahnapee & Western									
Ashland, Odanah & M.									
Bayfield Transfer									
Big Falls Ry. Co.									
Chi., Milw. & St. P.	1	1,330		1,330		1,330			
Chicago & N. W.	4	7,466		354		3,822		17	11½
Chi., St. P., M. & O.	1	872		872		872		18	5
Chicago., Burl. & Q.									
Chi., L. S. & Eastern.									
C., Hary. & Geneva L.									
Chi. & Lake Superior									
Chippewa River & N.									
Chippewa Valley & N.									
Drummond & S. W.									
Dul., S. S. & Atlantic									
Dul., Sup. & W. T.									
Dunbar & Wausaukee.									
Fairchild & N. E.									
Great Northern									
Green Bay & Western.									
Haw., Nebag. & Sup.									
Hazelhurst & S. E.									
Hillsboro & N. E.									
Illinois Central	1	1,214		1,214		1,214		19	
Iola & Northern									
J. R. D. L. Co., L. E.									
Kewaunee, G. B. & W.									
La Crosse & S. E.									
L. S. Term. & Trans.									
Laona & Northern									
Marathon Co. Ry. Co.									
Marinette, T. & W.									
Mineral Point & N.									
M., St. P. & S. S. M.									
Northern Pacific									
N. W. Coal Ry. Co.									
Oshkosh Trans. Co.									
R. L. & V. Co., L. Ry.									
Robbins Ry. Co.									
Stanley, Merrill & P.									
Superior & S. E.									
Tomahawk & Eastern.									
Whitcomb & Morris.									
Winona Bridge Ry. Co.									
Wisconsin Central									
Wisconsin & Michigan									
Wisconsin & Northern									
Wis., R. & Southern									
Waupaca-Green Bay.									
Wisconsin N. W.									
Mattoon Ry. Co.									
Total	7	10,862		354		3,822		17	11½

CHARACTERISTICS OF RAILROADS,
Overhead Railway Crossings.

Name of Company.	Bridges.			Conduits.			Trestles.			Total.		
	No.	Height of lowest above surface of rail.		No.	Height of lowest above surface of rail.		No.	Height of lowest above surface of rail.		No.	Height of lowest above surface of rail.	
		Feet.	In.		Feet.	In.		Feet.	In.		Feet.	In.
Abbotsford & N. E.												
Ahnapee & Western												
Ashland, O. M.												
Bayfield Transfer												
Big Falls R'y Co.												
C., M. & St. P.	6	17	5½				2	22	6	8	17	5½
C. & N. W.	7	18		1	22	9				8	18	
C., St. P., M. & O.	2	17	6							2	17	6
C., B. & Q.	1	22	1							1	22	1
Chi., L. S. & E.												
C., H. & G. Lake.												
Chi. & Lake Sup.												
Chip. River & N.												
Chip. Val. & N.												
Drummond & S. W.												
Duluth, S. S. & A.	2	22								2	22	
Duluth, S. & W. T.												
Dunbar & Waus'kee												
Fairchild & N. E.												
Great Northern												
Green Bay & W.												
Haw., Neb. & Sup.												
Hazelhurst & S. E.												
Hillsboro & N. E.												
Illinois Central	1	18								1	18	
Iola & Northern												
J. R. Davis L. Co.												
K., Green Bay & W.												
La Crosse & S. E.												
Lake Sup. T. & T.												
Laona & Northern												
Mar. Co. R'y Co.												
Marinette, T. & W.												
Mineral Pt. & N.												
M., St. P. & S. S. M.												
Northern Pacific												
N. W. Coal R'y Co.												
Oshkosh Trans. Co.												
Roddis L. & V. Co.												
Robbins R'y Co.												
Stan., Merrill & P.												
Superior & S. E.												
Tomahawk & E.												
Whitcomb & Morris												
Winona B. R'y Co.												
Wisconsin Central.	3	17	3				2	20	6	5	17	3
Wis. & Michigan												
Wis. & Northern												
Wis., Ruby & S.												
Waupaca-Green B.												
Wisconsin N. W.												
Mattoon R'y Co.												
Total	22	17	3	1	22	9	2	20	6	25	17	3

¹ Owned, maintained and operated jointly with the W. U. Tel. Co.

² 307.80 miles of wire owned jointly by the C. & N. W. Ry. and W. U. Tel. Co.

³ 86.80 miles of wire owned and operated jointly with the W. U. Tel. Co.; 25.04 miles of wire owned jointly with the W. U. Tel. Co.

WISCONSIN, 1908—Concluded.

Telegraph.

A. Owned by company named in the margin.						B. Owned by another company, but located on property of road named in the margin.	
Miles of line.	Miles of wire.	Operated by company named in margin.		Operated by another company.		Miles of line.	Miles of wire.
		Miles of line.	Miles of wire.	Miles of line.	Miles of wire.		
15.16	15.16	15.16	15.16	.....	.....	.....	.....
134.00	34.00	.....	.....	.....	.....	.....	.....
16.00	16.00	16.00	16.00	.....	.....	.....	.....
.....
1,648.80	8,195.20	.....	.....	1,648.80	8,195.20	.....	.....
.....	2,003.60	.....	95.80	.....	307.80	2,074.47	212,251.83
.....	.....	.....	.....	.....	.....	742.08	6,835.74
226.17	782.94	226.17	782.94	.....	2,026.30	.....	2,026.30
.....
.....
1112.47	1180.35	.....	.....	.....	.....	.....	.....
6.51	45.57	.....	.....	.....	45.57	.....	.....
.....
32.35	170.51	.....	125.95	.....	44.53	.....	.....
.....
1260.00	1260.00	.....	.....	.....	.....	.....	.....
.....
11.00	11.00	11.00	11.00	.....	.....	.....	.....
5.00	5.00	5.00	5.00	.....	.....	91.31	91.31
.....
.....
132.91	132.91	.....	.....	.....	.....	.....	.....
35.81	71.62	35.81	71.62	.....	.....	5.00	10.00
.....
.....
30.60	30.60	30.60	30.60	.....	.....	.....	.....
349.00	960.00	349.00	960.00	.....	.....	.....	.....
.....
132.65	164.85	.....	3276.20	.....	16.10	.....	276.20
.....
.....
35.91	71.82	35.91	71.82	.....	.....	.....	.....
.....
.....
732.50	2,083.60	687.50	2,083.60	.....	.....	732.50	2,081.60
.....	.....	.....	.....	.....	.....	34.03	41.20
36.30	33.30	36.30	36.30	.....	.....	.....	.....
.....
.....
15.00	15.00	15.00	15.00	.....	.....	.....	.....
3,768.11	13,589.12	1,463.45	4,509.99	1,618.87	10,635.62	3,677.33	23,622.18

CHARACTERISTICS OF RAILROADS,
As Reported to the Railroad Commission

Name of Company.	Iron or steel bridges.						
	No.	Aggregate length.		Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern.....							
Ahnapee & Western.....	2	88		40		48	
Ashland, Odanah & Marengo.....							
Bayfield Transfer.....							
Big Falls Ry. Co.....							
Chicago, Milwaukee & St. Paul....	924	111,588		8		1,744	
Chicago & Northwestern.....	1,680	115,253	3	3		2,885	
Chicago, St. Paul, Mpls. & O.....	288	23,116		14		1,821	
Chicago, Burlington & Quincy.....	847	114,474		7		2,632	
Chicago, Lake Shore & Eastern....	1	3,323		3,323		3,323	
Chicago, Harvard & Geneva Lake..							
Chicago & Lake Superior.....							
Chippewa River & Northern.....							
Chippewa Valley & Northern.....							
Drummond & Southwestern.....							
Duluth, South Shore & Atlantic....	37	2,442	6	16		227	
Duluth, Superior & Western Term.	4	1,802		30		1,632	
Dunbar & Wausaukee.....							
Fairchild & Northeastern.....							
Great Northern.....	265	67,440	6	20		1,830	
Green Bay & Western.....	13	2,092		30		624	
Hawthorne, Nebagamon & Superior							
Hazelhurst & Southeastern.....							
Hillsboro & Northeastern.....							
Illinois Central.....	510	70,934		10		4,198	
Iola & Northern.....							
J. R. Davis Lumber Co., Log. Ry.							
Kewaunee, Green Bay & Western..	4	240		30		90	
La Crosse & Southeastern.....							
Lake Superior Terminal & Transfer							
Laona & Northern.....							
Marathon County Ry. Co.....							
Marinette, Tomahawk & Western..							
Mineral Point & Northern.....							
Mpls., St. Paul & Sault Ste. Marie	26	6,838		46		650	
Northern Pacific.....	488	63,160	6	15		1,582	
Northwestern Coal Ry. Co.....							
Oshkosh Transportation Co.....							
Roddis L. & V. Co., Logging Ry...							
Robbins Ry. Co.....							
Stanley, Merrill & Phillips.....							
Superior & Southeastern.....							
Tomahawk & Eastern.....							
Whitecomb & Morris.....							
Winona Bridge Ry. Co.....							
Wisconsin Central.....	69	13,520		24		2,339	
Wisconsin & Michigan.....	8	1,526		60		372	
Wisconsin & Northern.....							
Wisconsin, Ruby & Southern.....							
Waupaca-Green Bay.....							
Wisconsin Northwestern.....	1	55		55		55	
Mattoon Ry Co.....							
Total.....	5,167	600,887	9	3		4,198	

¹ Including 5 pontoons, aggregate length 1,960 feet.

CHARACTERISTICS OF RAILROADS.

Name of Company.	Combination bridges.						
	No.	Aggregate length.		Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern.....							
Ahnapee & Western	1	1,463		1,463		1,463	
Ashland, Odanah & Marengo..							
Bayfield Transfer							
Big Falls Ry. Co.....							
Chicago, Milwaukee & St. P.							
Chicago & Northwestern.....	7	1,269	7	42		357	6
Chicago, St. Paul, Mpls. & O.							
Chicago, Burlington & Quincy ..	87	12,128		7		1,840	
Chicago, Lake Shore & Eastern ..							
Chi., Harvard & Geneva L.....							
Chicago & Lake Superior							
Chippewa River & Northern.....							
Chippewa Valley & Northern.....							
Drummond & Southwestern.....							
Dul., South Shore & Atlantic.....							
Duluth, Superior & W. T.....							
Dunbar & Wausaukee.....							
Fairchild & Northeastern.....							
Great Northern							
Green Bay & Western.....							
Hawthorne, Nebag. & Sup.....							
Hazellhurst & Southeastern.....							
Hillsboro & Northeastern.....							
Illinois Central	4	637		70		300	
Iola & Northern.....							
J. R. Davis Lum. Co., L. Ry.							
Kewaunee, Green Bay & W.....	1	1,700		1,700		1,700	
La Crosse & Southeastern.....							
Lake Superior Term. & Trans.....							
Laona & Northern.....							
Marathon County Ry. Co.....							
Marinette, Tomahawk & W.....	1	567		567		567	
Mineral Point & Northern.....	5	469		60		123	
Mpls., St. P. & S. Ste. M.....	23	10,990		99		2,094	
Northern Pacific	16	3,453		78		2,639	
Northwestern Coal Ry. Co.....							
Oshkosh Transportation Co.....							
Roddis L. & V. Co., Log. Ry.							
Robbins Ry. Co.....							
Stanley, Merrill & Phillips.....							
Superior & Southeastern.....							
Tomahawk & Eastern.....							
Whitcomb & Morris.....							
Winona Bridge Ry. Co.....	1	2,706	8	2,706	8	2,706	8
Wisconsin Central							
Wisconsin & Michigan.....							
Wisconsin & Northern.....							
Wisconsin, Ruby & Southern.....							
Waupaca-Green Bay							
Wisconsin Northwestern							
Mattoon Ry. Co.....							
Total	145	35,933	3	7		2,706	8

WHOLE LINE, 1908—continued.

Total, bridges.						Trestles.							
No.	Aggregate length.		Minimum length.		Maximum length.		No.	Aggregate length.		Minimum length.		Maximum length.	
	Feet.	In.	Feet.	In.	Feet.	In.		Feet.	In.	Feet.	In.	Feet.	In.
8	848	.....	64	.....	400	.....	.....	.....	.....	.....	.....	.....	.....
11	2,338	.....	.....	.....	.....	.....	25	1,175	.....	24	.....	175	.....
.....	.....	.....	.....	.....	.....	.....	2	1,235	.....	610	.....	625	.....
.....
983	121,894	.....	3	.....	1,744	.....	5,513	443,377	.....	5	.....	1,419	.....
2,169	144,481	2	1	10	2,385	.....	7,898	562,201	.....	5	.....	2,606	.....
552	38,681	.....	8	.....	1,321	.....	1,833	145,340	.....	5	.....	2,181	.....
1,089	144,553	.....	7	.....	2,632	.....	6,767	496,064	.....	5	.....	2,110	.....
1	3,323	.....	3,323	.....	3,323	.....	3	128	.....	16	.....	96	.....
.....
.....
9	850	.....	24	.....	400	.....	.....	.....	.....	.....	.....	.....	.....
.....
.....	.....	.....	.....	.....	.....	.....	1	210	.....	210	.....	210	.....
.....
56	3,758	6	16	.....	150	.....	251	26,394	.....	16	.....	1,196	.....
4	1,302	.....	30	.....	1,632	.....	2	1,397	.....	678	.....	719	.....
.....
424	89,469	6	20	.....	1,830	.....	3,884	441,902	.....	5	.....	15,016	.....
.....
118	6,392	.....	28	.....	624	.....	.....	.....	.....	.....	.....	.....	.....
2	100	.....	40	.....	60	.....	1	300	.....	300	.....	300	.....
1	277	.....	277	.....	277	.....	.....	.....	.....	.....	.....	.....	.....
1,175	80,147	.....	2	.....	4,198	.....	5,206	540,505	.....	8	.....	3,500	.....
.....
5	437	.....	60	.....	120	.....	.....	.....	.....	.....	.....	.....	.....
.....
10	2,292	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	4,494	.....	8	.....	325	.....	.....	.....	.....	.....	.....	.....	.....
.....
.....
5	1,500	.....	.....	.....	567	.....	2	80	.....	30	.....	50	.....
5	469	.....	60	.....	123	.....	60	2,672	.....	10	.....	169	.....
679	101,282	.....	12	.....	2,094	.....	.....	.....	.....	.....	.....	.....	.....
.....
620	87,010	6	15	.....	2,639	.....	2,579	399,137	.....	12	.....	3,886	.....
.....
.....
.....
2	202	.....	42	.....	160	.....	2	268	.....	79	.....	186	.....
.....
.....
4	72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	2,706	8	2,706	8	2,706	8	.....	.....	.....	.....	.....	.....	.....
.....
77	15,026	.....	24	.....	2,339	.....	575	47,173	.....	10	.....	1,420	.....
9	1,726	.....	60	.....	372	.....	27	2,374	.....	30	.....	592	.....
.....
.....
.....
1	55	.....	55	.....	55	.....	.....	.....	.....	.....	.....	.....	.....
.....
8,085	856,186	4	1	10	4,198	.....	34,631	3,111,932	.....	5	.....	3,886	.....

CHARACTERISTICS OF RAILROADS,
Tunnels.

Name of Company.	No.	Aggregate length.		Minimum length.		Maximum length.		Height of lowest above surface of rail.	
		Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & N. E.									
Alnapee & Western									
Ashland, Odanah & M.									
Bayfield Transfer									
Big Falls R'y Co.									
C., M. & St. P.	1	1,330		1,330		1,330			
C. & N. W.	5	8,317		354		3,822		17	1½
C., St. P., M. & O.	1	872		872		872		18	8
C., B. & Q.	6	1,909		130		694		17	
Chi., Lake Shore & E.									
Chi., Harv. & G. Lake									
Chicago & Lake Sup.									
Chippewa River & N.									
Chippewa Valley & N.									
Drummond & S. W.									
Duluth, S. S. & Atl.									
Duluth, Sup. & W. T.									
Dunbar & Wausaukee.									
Fairchild & N. E.									
Great Northern	47	49,431	8	113		13,813		17	6
Green Bay & Western.									
Haw., Neb. & Sup.									
Hazelhurst & S. E.									
Hillsboro & N. E.									
Illinois Central	7	4,354		225		1,211		16	
Iola & Northern									
J. R. Davis Lbr. Co.									
Kewaunee, G. B. & W.									
La Crosse & S. E.									
Lake Sup. Ter. & T.									
Laona & Northern									
Marathon Co. R'y Co.									
Marquette, Tom. & W.									
Mineral Pt. & Northern									
M., St. P. & S. S. M.									
Northern Pacific	40	31,920	6	65		9,834		17	6
N. W. Coal R'y Co.									
Osbkosh Trans. Co.									
Roddis L. & V. Co.									
Robbins R'y Co.									
Stanley, Merrill & P.									
Superior & S. E.									
Tomahawk & Eastern.									
Whitecomb & Morris.									
Winona Bridge R'y Co.									
Wisconsin Central									
Wisconsin & Michigan.									
Wisconsin & Northern.									
Wisconsin, Ruby & S.									
Waupaca-Green Bay									
Wisconsin N. W.									
Mattoon R'y Co.									
Total	107	98,134	2	65		9,834		16	

CHARACTERISTICS OF RAILROADS,
Overhead railway crossings.

Name of company.	Bridges.		Conduits.			Trestles.			Total.		
	Number.	Height of lowest above surface of rail.	Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.	
				Feet.	In.		Feet.	In.		Feet.	In.	Feet.	In.
Abbotsford & N. E.											
Ahnapee & W.											
Ashland, O. & M.											
Bayfield Transfer											
Big Falls R'y Co.											
C., M. & St. P.	20	17	5			16	19		36	17	5
C. & N. W.	65	15	7	1	22	9	11	5	77	15	7
C., St. P., M. & O.	7	17	6						7	17	6
C., B. & Q.	45	18		1	20	5	14		60	14	
Chi., L. S. & E.											
C., Harv. & G. L.											
Chi. & Lake Sup.											
Chip. River & N.											
Chip. Valley & N.											
Drummond & S. W.											
Duluth, S. S. & At.	10	21							10	21	
Duluth, S. & W. T.											
Dunbar & Waus'kee											
Fairchild & N. E.											
Great Northern	10	19	5						10	19	5
Green Bay & W.											
Haw. Neb. & Sup.											
Hazelhurst & S. E.											
Hillsboro & N. E.											
Illinois Central	22	18				2	17		24	17	
Iola & Northern											
J. R. Davis L. Co.											
K., G. B. & W.											
La Crosse & S. E.											
Lake Sup. T. & T.											
Laona & Northern.											
Mar. Co. R'y Co.											
Marinette, T. & W.											
Mineral Point & N.											
M., St. P. & S. S. M.	1	22							1	22	
Northern Pacific	14	21				12	18	7	26	18	7
N. W. Coal Ry. Co.											
Oshkosh T. Co.											
R.L. & V.Co. L.R'y											
Robbins Ry. Co.											
Stanley, M. & P.											
Superior & S. E.											
Tomahawk & East.											
Whitcomb & M.											
Winona B. Ry. Co.											
Wisconsin Cent.	3	17	3			2	20	6	5	17	3
Wisconsin & Mich.											
Wisconsin & N.											
Wisconsin, R. & S.											
Waupaca-G. B.											
Wisconsin N. W.											
Mattoon Ry. Co.											
Total	197	15	7	2	20	5	57	14	256	14	

¹ Owned, maintained and operated jointly with W. U. Tel. Co.
21,322.80 miles of wire operated jointly by C. & N. W. Ry. and W. U. Tel.

CONTRACTS AND AGREEMENTS

Names of Companies with which Railroads Operating in Wisconsin have Existing
consin, as Reported to the Railroad Commission

Name of Company.	Express companies.	Mails.	Sleeping, parlor or dining car companies.
Abbotsford & Northeastern.....	National.....	U. S. Mail.....	.....
Ahnapee & Western.....	United States.....	U. S. Mail.....	.....
Ashland, Odanah & Marengo.....	.....	.....	.....
Bayfield Transfer.....	.....	.....	.....
Chicago, Milwaukee & St. Paul.....	United States.....	U. S. Mail.....	.....
Chicago & Northwestern.....	American.....	U. S. Mail.....	Pullman.....
Chicago, St. P., Minneapolis & Omaha.....	American.....	U. S. Mail.....	Pullman.....
Chicago, Burlington & Quincy.....	Adams.....	U. S. Mail.....	Pullman.....
Chicago, Harvard & Geneva Lake.....	.....	U. S. Mail.....	.....
Chicago & Lake Superior.....	.....	U. S. Mail.....	.....
Chippewa Valley & Northern.....	.....	.....	.....
Duluth, South Shore & Atlantic.....	Western.....	U. S. Mail.....	.....
Fairchild & Northeastern.....	American.....	U. S. Mail.....	.....
Great Northern.....	Great Northern.....	U. S. Mail.....	.....
Green Bay & Western.....	United States.....	U. S. Mail.....	.....
Hazelhurst & Southeastern.....	American.....	.....	.....
Hillsboro & Northeastern.....	.....	U. S. Mail.....	.....
Illinois Central.....	American.....	U. S. Mail.....	Pullman.....
Iola & Northern.....	United States.....	U. S. Mail.....	.....
Kewaunee, Green Bay & Western.....	United States.....	U. S. Mail.....	.....
La Crosse & Southeastern.....	United States.....	U. S. Mail.....	.....
Marinette, Tomahawk & Western.....	.....	U. S. Mail.....	.....
Mineral Point & Northern.....	United States.....	U. S. Mail.....	.....
Minneapolis, St. P., & Sault Ste. Marie.....	Western.....	U. S. Mail.....	.....
Northern Pacific.....	Northern.....	U. S. Mail.....	Pullman.....
Oshkosh Transportation Co.....	.....	.....	.....
Stanley, Merrill & Phillips.....	National.....	.....	.....
Tomahawk & Eastern.....	American.....	U. S. Mail.....	.....
Winona Bridge R'y Co.....	.....	.....	.....
Wisconsin Central.....	National.....	U. S. Mail.....	Pullman.....
Wisconsin & Northern.....	.....	U. S. Mail.....	.....
Wisconsin & Michigan.....	American.....	U. S. Mail.....	.....
Wisconsin Northwestern.....	.....	.....	.....
Mattoon R'y Co.....	.....	U. S. Mail.....	.....

WISCONSIN, 1908.

Contracts, Agreements or Arrangements Affecting Business within the State of Wisconsin for the Year Ending June 30, 1908.

Other railroad, freight or transportation companies.	Telegraph companies.	Other contracts.
W. C. Ry. Co., for track's right over A. & N. E. R. R.		
C. & N. W. R'y Co., joint switching facilities at Odanah.	Western Union	
Bayfield Harbor & G. W. R. R. Co., and B. S. & M. R'y Co. (verbal).	Wis. Tel. Co. (verbal)	
C. St. P. M. & O. R'y Co.; G. B. & W. & St. P. R'y Co.; Oshkosh Transp. Co.; C. M. & St. P. R'y Co.; Wis. Central R'y Co.; Kewaunee G. B. & W. R'y Co.; Allis-Chalmers Co.; Northern Pacific R'y Co.; C. & L. S. R'y Co.; D. S. S. & A. R'y Co.; Mineral Pt. & N. R'y Co.	Western Union	
	Western Union	
C. M. & St. P. R'y Co., and N. W. R'y Co.	American	H. Windson, pwr.
	Western Union	
Wis. Cent. R'y Co., and M. St. P. & S. S. M. R'y Co. Northern Pacific R'y Co., Lake Sup. T. & T. Co.; C. St. P. M. & O. R'y Co.	Western Union	
Nippon, Yusen, Kabushiki Kaisha	W. U., Gt. N. W.	
	Western Union	
C. & N. W. R'y Co.; C. M. & St. P. R'y Co.	Western Union	
Chicago & Northwestern	Western Union	
	Western Union	
	Western Union	
Chi. Mil. & St. Paul R'y Co. (trackage, yard, terminal facilities).		
Gt. N. R'y Co.; Lake Sup. Ter. & Trans. Co.; C. & N. W. R'y Co.; C. St. P. M. & O. R'y Co.	Western Union	
Chi. & Northwestern R'y Co. (trackage rights)		
Chi. St. P. M. & O. (trackage rights); N. W. Lmbr. Co. (trackage rights).		I. Szahny & wife
C. B. & Q. R. R. Co. (traffic agreement); G. B. & W. R'y Co. (traffic agreement).		
	Western Union	
M. St. P. & S. S. M. R'y Co.; Ann Arbor R. R. Co.; C. M. & St. P. R'y Co.		Lake Mich. Car Ferry Trans. Co.
Chi. M. & St. P. R'y Co.; Dunbar & Wausaukee R'y Co.		
Chi. & N. N. W. R'y Co.		

DIRECTORS AND OFFICERS OF RAILWAYS OPERATING IN WISCONSIN.

Name of Company.	Postoffice address of general office.	Directors.
Abbotsford & Northeastern.....	Milwaukee, Wis.....	A. C. Rietbrock, Wm. C. Klann, Wm. L. Erbach, Z. F. Meyer, C. J. Aburg.
Ahnapee & Western.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, Wm. J. Wilson, J. A. Jordan, J. C. Thurman.
Ashland, Odanah & Marengo.....	Odanah, Wis.....	L. K. Baker, J. S. Stearns, F. J. Darke, E. B. Hill, Geo. F. Merrill.
Bayfield Transfer.....	Bayfield, Wis.....	Geo. H. Noyes, J. M. Smith, H. C. Hale, A. W. Fairchild, B. K. Miller.
Big Falls R'y Co.....	Oshkosh, Wis.....	S. M. Wall, J. H. Wall, T. R. Wall, O. H. Thomas, H. W. Anthes.
Chicago, Milwaukee & St. Paul.....	Chicago, Ill.....	Walter P. Bliss, Frank S. Bond, A. J. Earling, Charles W. Harkness, Henry H. Rogers, Peter Geddes, Roswell Miller, William Rockefeller, John A. Stewart, J. Ogden Armour, Frederick Layton, L. J. Pettit, Percy A. Rockefeller.
Chicago & Northwestern.....	Chicago & New York	W. K. Vanderbilt, F. W. Vanderbilt, H. McK. Twombly, Byron L. Smith, Cyrus H. McCormick, Chauncey Keep, Chauncey M. Depew, Samuel F. Barger, James C. Fargo, H. C. Frick, David P. Kimball, E. E. Osborn, Marvin Hughitt, Frank Work, James Stillman, Oliver Ames, Zenas Crane.
Chicago, St. Paul, Minneapolis & O..	St. Paul, Minn.....	Marvin Hughitt, Byron L. Smith, Chauncey M. Depew, David P. Kimball, Zenas Crane, E. E. Osborn, Thomas Wilson, J. A. Humbird, J. M. Whitman, Wm. K. Vanderbilt, H. McK. Twombly, F. W. Vanderbilt, W. A. Gardner.
Chicago, Burlington & Quincy.....	Chicago, Ill.....	Geo. F. Baker, Geo. C. Clark, Wm. P. Clough, Geo. B. Harris, Jas. J. Hill, John J. Mitchell, Darius Miller, Norman B. Ream, John F. Talmage, Samuel Thorne, James N. Hill.
Chicago, Lake Shore & Eastern.....	Chicago, Ill.....	E. H. Gary, W. E. Cory, F. W. Sutton, R. B. Campbell, A. F. Banks, K. K. Knapp, F. D. Raymond.
Chicago, Harvard & Geneva Lake...	Walworth, Wis....	L. S. Owsley, A. L. Dewar, F. H. Roeschlaut, L. C. Church, H. T. Windsor.
Chicago & Lake Superior.....	Cambridge, Wis.....	B. L. Delamater, Mrs. Frank Robinson, S. C. Delamater, V. L. Delamater, Robe Dow.
Chippewa River & Northern.....	Bruce, Wis.....	W. H. Phipps, C. P. Coon, W. T. Pierpont, S. C. Phipps, H. H. Hockenbrock.
Chippewa Valley & Northern.....	Grand Rapids, Wis..	D. J. Arpin, A. L. Arpin, E. P. Arpin, J. C. Arpin.
Drummond & Southwestern.....	Drummond, Wis.....	F. W. Gilchrist, F. H. Drummond, Jno. S. Owen, A. J. Rust, P. W. Rust.
Duluth, South Shore & Atlantic.....	Marquette, Mich.....	Sir Wm. C. Van Horne, Walter R. Baker, Chas. Drinkwater, Wm. F. Fitch, Geo. H. Church, Richard B. Angus, John W. Sterling, R. Y. Hebden, Thos. Pearsall, Jas. O. Bloss, E. V. Skinner.
Duluth, Superior & Western Term..	New York, N. Y.....	D. M. Philbin, J. A. Murphy, E. Sawyer, J. H. Gruber, R. I. Farrington.
Dunbar & Wausaukee.....	Menominee, Mich...	J. A. Culbertson, J. W. Wells, A. C. Wells.
Fairchild & Northeastern.....	Fairchild, Wis.....	N. C. Foster, E. M. Foster, G. A. Foster, E. J. Foster, W. Foster.
Great Northern.....	St. Paul, Minn.....	James J. Hill, Frederick Weyerhaeuser, Louis H. Hill, R. I. Farrington, E. Sawyer, W. R. Begg, Henry W. Cannon, William B. Dean, Samuel Thorne.
Green Bay & Western.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, C. L. Blair, Wm. J. Wilson, J. A. Jordan.
Hawthorne, Nebagamon & Superior	L. Nebagamon, Wis..	E. Rutledge, F. Weyerhaeuser, E. L. Ainsworth, J. P. Weyerhaeuser.
Hazelhurst & Southeastern.....	Hazelhurst, Wis.....	C. C. Yawkey, Walter Alexander, W. H. Bissell, W. H. Yawkey, F. M. White.
Hillsboro & Northeastern.....	Hillsboro, Wis.....	W. H. H. Cash, F. I. Pinch, E. Hammer, G. Weinstein, J. A. Cash.

Illinois Central.....	Chicago, Ill.....	Charles S. Deneen, Charles A. Peabody, James De Wolf Cutting, Alexander G. Hackstaff, J. Ogden Armour, Walter Luttgren, John M. Auchincloss, Robert Walton Goelet, Charles M. Beach, J. T. Harahan, Cornelius Vanderbilt, Edward H. Harriman, John Jacob Astor.
Iola & Northern.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, Wm. J. Wilson, J. A. Jordan, J. C. Thurman.
J. R. Davis Lumber Co., Log. R'y...	Phillips, Wis.....	Jno. R. Davis, Mrs. John R. Davis, B. W. Davis.
Kewaunee, Green Bay & Western...	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, C. L. Blair, J. A. Jordan, J. C. Thurman.
La Crosse & Southeastern.....	La Crosse, Wis.....	W. S. Cargill, H. C. Wood, J. B. Taylor, P. Valier, Willard E. Olsen.
Laona & Northern.....	Marshfield, Wis.....	R. Connor, W. D. Connor, R. L. Kraus, W. W. McCulloch, H. R. Messer.
Lake Superior Terminal & Transfer	St. Paul, Minn.....	D. M. Philbin, W. F. Fitch, L. W. Hill, C. M. Levey, G. T. Slade, A. W. Trenholm.
Marathon County R'y Co.....	Marshfield, Wis.....	R. Connor, W. D. Connor, W. W. McCulloch, Herman Langer, J. C. Kieffer.
Marquette, Tomahawk & Western...	Tomahawk, Wis.....	James W. Bradley, Edward Bradley, R. B. Tweedy, C. H. Grundy, J. W. Froehlich.
Northern Pacific.....	St. Paul, Minn.....	William P. Clough, Alex Smith Cochran, Amos Tuck French, James N. Hill, Payne Whitney, Howard Elliott, Lewis Cass Ledyard, J. Pierpont Morgan, Jr., George W. Perkins, Charles Steele, George F. Baker, John S. Kennedy, Grant B. Schley, William Sloane, Arthur Curtiss James.
Mineral Point & Northern.....	Mineral Point, Wis.....	C. W. McIlhon, W. A. Jones, A. M. Kennedy, J. H. Janeway, Jr., Walter D. Main.
Minneapolis, St. Paul & Sault Ste. M.	Minneapolis, Minn...	Thomas Lowry, Edmund Pennington, W. D. Washburn, W. L. Martin, G. R. Newell, C. H. Pettit, Alfred H. Bright, E. A. Young, Sir W. C. Van Horn, T. G. Shaughnessy, R. B. Angus.
Northwestern Coal R'y Co.....	Superior, Wis.....	M. H. Taylor, W. R. Woodford, H. H. Grau, C. E. Wales, C. P. White.
Roddiss Transportation Co.....	Milwaukee, Wis.....	Howard Morris, Charles M. Morris, W. C. Bright.
Roddiss Lbr. & Veneer Co., Log. R'y.	Marshfield, Wis.....	W. H. Roddis, H. Roddis, S. L. Roddis.
Robbins R'y Co.....	Rhineland, Wis....	F. S. Robbins, Chas. S. Chapman, Hattie L. McIndoe, R. D. Caldwell, Emma R. Robbins.
Stanley, Merrill & Phillips.....	Eau Claire, Wis.....	J. T. Barber, S. G. Moon, C. D. Moon, F. H. L. Cotten, J. B. Galbraith.
Superior & Southeastern.....	Grand View, Wis....	John E. Glover, Geo. C. Glover, L. E. Glover, L. A. Baker, Jno. H. Savage.
Tomahawk & Eastern.....	Tomahawk, Wis.....	W. T. Bradley, A. H. Reid, J. W. Froehlich, C. H. Grundy, C. C. Uber.
Whitcomb & Morris.....	Morris, Wis.....	J. H. Jenkins, D. C. Buckstaff, Chas. Barber, H. J. Sprague.
Winona Bridge R'y Co.....	La Crosse, Wis.....	J. A. Jordan, M. T. Cox, W. W. Baldwin, T. S. Howland, C. I. Sturgis.
Wisconsin Central.....	Chicago, Ill.....	Mark T. Cox, John F. Hill, Geo. A. Fernald, Geo. A. W. Dodge, W. A. Bradford, T. L. Chadbourne, Jr., Henry C. Starr, Fred T. Gates, Sidney G. Courteen, Geo. W. Webster.
Wisconsin & Michigan.....	Chicago, Ill.....	J. N. Faithorn, J. R. Walsh, John P. Hopkins, W. T. Abbott, E. C. Ritscher.
Wisconsin & Northern.....	Oshkosh, Wis.....	Leander Choate, Chas. R. Smith, M. J. Wallrich, H. F. Whitcomb, J. L. Jones.
Wisconsin, Ruby & Southern.....	Minneapolis, Minn..	E. L. Hawn, P. R. Hamilton, W. H. Sell.
Milwaukee, Bay View & Chicago...	Chicago, Ill.....	E. H. Gary, A. F. Banks, R. W. Campbell, K. K. Knapp, F. D. Raymond.
Waupaca-Green Bay.....	Waupaca, Wis.....	Andrew G. Nelson, Adelbert M. Penney, John Gordon, Chas. Churchill, Alfred Johnson, J. E. Cristy, Ing. Ovram.
Wisconsin Northwestern.....	Wausaukee, Wis....	J. W. Wells, A. C. Wells, W. E. Hallenbeck, O. W. Brightman.
Mattoon R'y Co.....	Mattoon, Wis.....	G. Huette, F. Karste, E. E. Pantzer, G. J. Posson, C. Quimby.

DIRECTORS AND OFFICERS OF

General

Name of Company.	President.	First Vice President.
Abbotsford & Northeastern.....	A. C. Rietbrock	Wm. L. Erbach
Ahnapee & Western.....	S. S. Palmer ..	David Decker ..
Ashland, Odanah & Marengo.....	L. K. Baker ..	J. S. Stearns ..
Bayfield Transfer.....	Geo. H. Noyes ..	J. M. Smith ..
Big Falls Ry. Co.....	J. H. Wall ..	S. M. Wall ..
Chicago, Milwaukee & St. Paul ¹	A. J. Earling ..	.....
Chicago & Northwestern.....	Marvin Hughitt	E. E. Osborn ..
Chicago, St. Paul, Minneapolis & Omaha ⁴	W. A. Gardner ..	E. E. Osborn ..
Chicago, Burlington & Quincy.....	Geo. B. Harris ⁵	D. Miller ..
Chicago, Lake Shore & Eastern.....	A. F. Banks ..	.....
Chicago, Harvard & Geneva Lake.....	L. S. Owsley ..	W. L. Dewar ..
Chicago & Lake Superior.....	B. L. Delamater	.....
Chippewa River & Northern.....	W. H. Phipps ..	S. C. Phipps ..
Chippewa Valley & Northern.....	D. J. Arpin ..	J. Z. Arpin ..
Drummond & Southwestern.....	F. W. Gilchrist	A. J. Rust ..
Duluth, South Shore & Atlantic.....	Wm. F. Fitch ..	Walter R. Baker
Duluth, Superior & Western Terminal.....	D. M. Philbin ..	J. A. Murphy ..
Dunbar & Wausaukee.....	J. A. Culbertson	J. W. Wells ..
Fairchild & Northeastern.....	N. C. Foster ..	E. J. Foster ..
Great Northern ⁶	Louis W. Hill ..	.....
Green Bay & Western.....	S. S. Palmer ..	J. A. Jordan ..
Hawthorne, Nebagamon & Superior.....	E. Rutledge ..	F. Weyerhaeuser
Hazelhurst & Southeastern.....	C. C. Yawkey ..	Wal. Alexander
Hillsboro & Northeastern.....	E. Hammer ..	F. I. Pinch ..
Illinois Central.....	J. T. Harahan ..	A. G. Hackstaff
Iola & Northern.....	S. S. Palmer ..	J. A. Jordan ..
J. R. Davis Lumber Co., Logging Ry.....	John R. Davis ..	.....
Kewaunee, Green Bay & Western.....	S. S. Palmer ..	W. W. Cargill ..
La Crosse & Southeastern.....	W. S. Cargill ..	P. Valier ..
Lake Superior Terminal & Transfer.....	D. M. Philbin..	W. F. Fitch ..
Laona & Northern.....	R. Connor ..	H. R. Messer ..
Marathon County Ry. Co.....	R. Connor ..	Herman Langer
Marinette, Tomahawk & Western.....	R. B. Tweedy ..	Edward Bradley
Mineral Point & Northern.....	C. W. McIlhion ..	J. H. Janeway, Jr.
Minneapolis, St. Paul & Sault Ste. Marie.....	Thomas Lowry..	E. Pennington..
Northern Pacific.....	Howard Elliott.	James N. Hill ..
Northwestern Coal Ry. Co.....	W. H. Taylor ..	C. E. Wales ..
Oshkosh Transportation Co.....	Howard Morris.	.....
Roddis Lumber & Veneer Co., Logging Ry.....	W. H. Roddis ..	.....
Robbins Ry. Co.....	F. S. Robbins..	Chas. S. Chapman
Stanley, Merrill & Phillips.....	S. G. Moon ..	C. D. Moon ..
Superior & Southeastern.....	Jno. E. Glover ..	Geo. C. Glover ..
Tomahawk & Eastern.....	W. T. Bradley ..	C. H. Grundy ..
Whitcomb & Morris.....	J. H. Jenkins ..	D. C. Buckstaff ..
Winona Bridge Ry. Co.....	W. W. Baldwin	J. A. Jordan ..
Wisconsin Central ⁷	W. A. Bradford	Henry C. Starr ..
Wisconsin & Michigan.....	J. P. Hopkins ..	W. T. Abbott ..
Wisconsin & Northern.....	H. F. Whitcomb	.....
Wisconsin, Ruby & Southern ⁸	W. H. Sill ..	.....
Milwaukee, Bay View & Chicago.....	A. F. Banks ..	.....
Waupaca-Green Bay.....	A. G. Nelson ..	John Gordon ..
Wisconsin Northwestern.....	J. W. Wells ..	A. C. Wells ..
Mattoon Ry. Co.....	G. Huette ..	.....

¹ Roswell Miller, chairman of the board.² Traffic vice-president.³ W. A. Gardner, oper. and maint. vice-president; M. M. Kirkman, accounting vice-president; J. M. Whitman, construction vice-president.⁴ Marvin Hughitt, chairman of executive committee.

RAILWAYS OPERATING IN WISCONSIN—continued.

Officers

Second Vice President.	Third Vice President.	Secretary.	Treasurer.	Chief Engineer.
J. A. Jordan		Wm. C. Klann .. Mark T. Cox E. B. Hill H. C. Hale T. R. Wall	A. C. Rietbrock .. Mark T. Cox E. B. Hill H. C. Hale T. R. Wall	
E. W. McKenna H. R. McCulloch ⁵ James T. Clark D. Willard	J. H. Hiland W. A. Gardner ⁶ T. S. Howland	E. W. Adams ... E. E. Osborn ... T. A. Polleys ... T. S. Howland .. F. D. Raymond ..	F. G. Ranney ... R. H. Williams .. R. H. Williams .. T. S. Howland .. F. D. Raymond ..	D. J. Whittemore. E. C. Carter. T. E. Calvert. A. Mortzheimer.
C. P. Coon		H. H. Windsor . Chas. A. Friend W. T. Pierpont . E. P. Arpin E. H. Drummond	F. H. Roeschlaut. Geo. A. Wise W. T. Pierpont .. E. P. Arpin F. H. Drummond	
Geo. H. Church		Jas. Clarke J. H. Gruber A. C. Wells G. A. Foster E. T. Nichols ...	E. W. Allen E. Sawyer G. A. Foster E. Sawyer Mark T. Cox	V. D. Simar. A. H. Hogeland.
R. I. Farrington	E. T. Nichols	Mark T. Cox W. H. Bissell... J. A. Cash..... A. G. Hackstaff	Mark T. Cox E. L. Ainsworth. W. H. Yawkey .. J. A. Cash E. T. H. Gibson.	A. S. Baldwin.
J. A. Jordan		Mark T. Cox ... B. W. Davis Mark T. Cox.... J. B. Taylor C. P. Brown	Mark T. Cox ... B. W. Davis Mark T. Cox J. B. Taylor H. H. Parkhouse	G. P. Bradish.
Jas. W. Bradley		W. W. McCull'h R. Connor J. W. Froehlich Walter D. Main C. F. Clement..	R. L. Kraus W. W. McCulloch R. B. Tweedy .. W. D. Main C. F. Clement..	Thomas Greene.
W. L. Martin		George H. Earl . P. S. Elwell Chas. M. Morris H. L. McIndoe .	C. A. Clark P. S. Elwell Howard Morris . F. S. Robbins ...	W. L. Darling.
J. M. Hannaford W. R. Woodford	Chas. M. Levey	F. H. L. Cotten L. A. Baker R. B. Tweedy .. H. J. Sprague .. H. W. Weiss	J. T. Barber L. A. Baker R. B. Tweedy .. H. J. Sprague .. T. S. Howland ..	
		G. W. Webster.. F. H. Josslyn .. F. D. Raymond .	W. R. Hancock.. M. F. Schulze .. R. H. Edwards.. F. D. Raymond .	C. N. Kalk. Wm. Cambier.
		Alfred Johnson. O. W. Brightman C. Quimby	C. Churchill W. E. Hallenbeck E. E. Hemingway	

⁵ W. W. Baldwin, assistant to president.

⁶ James J. Hill, chairman of the board.

⁷ T. L. Chadbourn, chairman of executive committee.

⁸ E. L. Hawn, chairman of the board.

DIRECTORS AND OFFICERS OF
General

Name of Company.	General Solicitor, Attorney or Counsel.	Solicitor, Attorney or Counsel.
Abbotsford & Northeastern.....		
Ahnapee & Western.....		
Ashland, Odanah & Marengo.....	G. F. Merrill	
Bayfield Transfer.....	G. H. Noyes	
Big Falls Ry. Co.....		
Chicago, Milwaukee & St. Paul.....	Burton Hanson.	G. R. Peck
Chicago & Northwestern.....	L. W. Bowers ..	S. A. Lynde
Chicago, St. Paul Minneapolis & Omaha.....	Thos. Wilson ..	J. B. Sheean
Chicago, Burlington & Quincy.....	J. W. Blythe ..	C. M. Dawes
Chicago, Lake Shore & Eastern.....	K. K. Knapp ...	W. D. Haynie ..
Chicago, Harvard & Geneva Lake.....		
Chicago & Lake Superior.....		
Chippewa River & Northern.....	S. L. Perrin	
Chippewa Valley & Northern.....		
Drummond & Southwestern.....		
Duluth, South Shore & Atlantic.....	A. B. Eldredge ..	A. E. Miller
Duluth, Superior & Western Terminal.....		
Dunbar & Wausaukee.....		
Fairchild & Northeastern.....		
Great Northern	W. R. Begg	J. D. Armstrong.
Green Bay & Western.....		
Hawthorne, Nebagamon & Superior.....		
Hazelhurst & Southeastern.....		
Hillsboro & Northeastern.....		
Illinois Central	J. M. Dickinson.	
Iola & Northern.....		
J. R. Davis Lumber Co., Logging Ry.....		
Kewaunee, Green Bay & Western.....		
La Crosse & Southeastern.....	W. S. Burroughs	
Lake Superior Terminal & Transfer.....	J. A. Murphy	
Laona & Northern.....		
Marathon County Ry. Co.....		
Marinette, Tomahawk & Western.....		
Mineral Point & Northern.....		
Minneapolis, St. Paul & Sault Ste Marie.....	H. B. Dike.....	A. H. Bright....
Northern Pacific	F. L. Stetson ...	C. N. Bunn
Northwestern Coal Ry. Co.....		
Oshkosh Transportation Co.....		
Roddis Lumber & Veneer Co., Logging Ry.....		
Robbins Ry. Co.....		
Stanley, Merrill & Phillips.....		
Superior & Southeastern.....	J. H. Savage	
Tomhawk & Eastern.....		
Whitcomb & Morris.....		
Winona Bridge Ry. Co.....		
Wisconsin Central	T. H. Gill	H. C. Starr
Wisconsin & Michigan.....		W. T. Abbott ...
Wisconsin & Northern.....	M. J. Wallrich ..	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....		
Waupaca-Green Bay	I. P. Lord	
Wisconsin Northwestern		
Mattoon Ry. Co.....		

¹ General Superintendent of Lake District.

RAILWAYS OPERATING IN WISCONSIN—concluded.

Officers—concluded.

Comptroller or Auditor.	General Manager.	General Freight Agt., or Freight Traffic Mgr.	Gen'l Passenger Agent or Passenger Traffic Manager.	General Superintendent.
Wm. C. Klann				
J. C. Thurman	J. A. Jordan		W. C. Modisett	W. L. Erbach. F. B. Seymour. Ed. Mercier.
D. J. McMahon	H. C. Hale	F. J. Darke		
H. G. Haugan	W. J. Underwood	E. S. Keeley	F. A. Miller	D. L. Bush.
J. B. Redfield	R. H. Aishton	M. Hughitt, Jr.	W. B. Kniskern	W. E. Morse.
L. A. Robinson	A. W. Trenholm	H. M. Pearce	T. W. Teasdale	S. G. Strickland.
C. I. Sturgis	F. E. Ward	G. H. Crosby	P. S. Eustis	H. D. Judson.
F. W. Sutton	R. B. Campbell	F. E. Learned		
	H. T. Windsor			
B. L. Delamater	B. L. Delmater			
E. C. Johnson	C. P. Coon			
L. E. Knudson	J. Z. Arpin			
	F. H. Drummond			
A. E. Delf	W. F. Fitch	W. W. Walker	Mart Adson	C. E. Lytle.
J. G. Drew				
G. F. King	J. W. Wells	J. L. Wells		J. L. Wells.
C. M. Sherwood	N. C. Foster	C. M. Sherwood		W. Foster.
J. G. Drew	J. M. Gruber	W. W. Broughton	A. L. Craig	D. M. Philbin. ¹
J. C. Thurman	J. A. Jordan		W. C. Modisett	F. B. Seymour.
F. L. Wilkins	J. Weyerhaeuser	F. L. Wilkins		Jas. Timlin.
F. M. White	F. M. White		F. M. White	H. McCourt.
J. A. Cash	W. H. H. Cash		A. H. Hanson	
C. F. Krebs	F. B. Harriman	F. B. Bowes		
			W. C. Modisett	F. B. Seymour.
J. C. Thurman	J. A. Jordan		W. C. Modisett	F. B. Seymour.
J. C. Thurman	J. A. Jordan		A. L. Eidemiller	P. Valier.
S. J. Lennon	P. Valier	A. L. Eidemiller		C. P. Brown.
			C. H. Grundy	C. H. Grundy.
E. C. Lange	W. A. Jones		G. C. Conn	G. R. Hunt'gton.
C. W. Gardner	E. Pennington	W. L. Martin		
H. A. Gray	G. T. Slade	J. G. Woodworth	A. M. Cleland	F. W. Gilbert.
T. P. Blackmar	C. P. White			
	G. W. Campbell			
A. L. Dunn	F. S. Robbins			R. D. Caldwell.
F. H. L. Cotten	K. C. Morehouse	K. C. Morehouse		G. L. Wright.
	R. B. Tweedy	L. E. Glover	C. H. Grundy	C. H. Grundy.
				D. Cunningham.
Robt. Toombs		F. E. Signer	J. C. Pond	E. F. Potter.
F. B. Huntington			J. C. Fitzgerald	S. N. Harrison.
	C. H. Hartley			
	E. L. Hawn	P. R. Hamilton		
F. W. Sutton				
J. E. Phillips	A. M. Penney		A. M. Penney	
O. W. Brightman				W. E. Hallenbeck.

 NEW RAILROAD CORPORATIONS.

EXTENSIONS OF EXISTING LINES AND CHANGES IN ROUTES FROM
 JULY 1, 1907, TO JUNE 30, 1908, AS SHOWN BY THE RECORDS IN THE
 OFFICE OF THE SECRETARY OF STATE.

NEW RAILROAD CORPORATIONS.

INTERSTATE TRANSFER RAILWAY COMPANY.

Articles of incorporation filed and patent issued July 26, 1907.

Capital stock, \$500,000.

Incorporators and directors:

William A. Gonagle.
 Geo. L. Reis.
 Joseph D. Cotton.
 Solon L. Perrin.
 Walter W. Savage.

Route:

From the shore of Lake Superior or Allouez Bay in a south-
 westerly direction through the county of Douglas, Wis., to the
 Minnesota state line in secs. 1 or 12, township 48, range 15. Length
 15 miles.

TOMAHAWK & EASTERN RAILWAY COMPANY.

Articles of incorporation and patent issued Aug. 12, 1907.

Capital stock, \$25,000.

Incorporators and directors:

C. H. Grundy.
 A. H. Reid.
 J. W. Froehlich.
 W. T. Bradley.
 C. C. Uber.

Route:

From Tomahawk to Harrison and from Antigo Jct. to Grundy
 Jct., all in Lincoln county, Wis. Length 21 miles.

TWIN CITY & LAKE SUPERIOR RAILWAY COMPANY.

Articles of incorporation filed and patent issued May 8, 1908.

Capital stock, \$100,000.

Incorporators and directors:

Ed. L. Peet.
 B. B. Haugan.
 Edward Henry.
 E. Lewis.
 F. R. Duxbury.

Route:

From a point on the St. Croix river in sec. 33, township 36 N.,
 range 20 W., northeasterly to the city of Superior, Wis. Length
 about 50 miles.

OSHKOSH, WINNECONNE & WAUPACA RAILWAY COMPANY.

Articles of incorporation filed and patent issued June 1, 1908.

Capital stock, \$100,000.

Incorporators and directors:

Wm. M. Bray.
 E. H. Steiger.
 Elmer Leach.
 Edw. W. Murphy.
 L. J. Monahan.

Route:

From Oshkosh, Wis., northwesterly to Waupaca, Wis. Length
 about 50 miles.

WISCONSIN NORTHEASTERN RAILWAY COMPANY.

Articles of incorporation filed and patent issued June 6, 1908.

Capital stock, \$30,000.

Incorporators and directors:

H. W. Colt.
 J. M. Tittmore.
 C. L. Christenson.
 W. H. Paulson.
 E. D. Buckholtz.
 H. A. Dewey.
 F. G. Dewey.
 Chas. A. Benedict.
 H. L. Moffatt.
 L. W. Georgeson.
 John McGregor.
 Albert Handrich.
 W. P. Steffenson.
 John Moffatt.
 John Holsworth.

Route:

From Red Granite, Wis., to Poysippi, Wis. Length 8 miles.

EXTENSIONS AND CHANGES IN EXISTING LINES.**WISCONSIN & NORTHERN RAILROAD COMPANY.**

Resolution changing route so as to run from Menasha, Wis., in a
 northerly direction by way of the cities of Appleton and Shawano,
 Wis., through the Stockbridge and Menominee Indian reservations to
 connect with M., St. P. & S. S. M. Ry., filed July 1, 1907.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RAILWAY COMPANY.

Resolution for extension of line from Brooten, Minn., to South
 Superior, Wis., filed Aug. 13, 1907.

WISCONSIN & NORTHERN MINNESOTA RAILWAY COMPANY.

Resolution to build branch line of one-half mile in length in the city
 of Superior, Wis., filed Aug. 13, 1907.

WISCONSIN & NORTHERN MINNESOTA RAILWAY COMPANY.

Resolution for changing the route of its main line in the city of
 Superior, Wis., filed Aug. 13, 1907.

ELECTRIC RAILWAYS, OPERATING IN
Income

NAME OF COMPANY.	EARNINGS FROM OPERATION.			
	Passenger revenue.	Other car revenue.	Miscellaneous revenue.	Total.
Ashland L., P. & St. Ry. Co.	\$32,139 11		\$3,833 00	\$35,972 11
Chi. & Milw. Elec. R. R. Co. ¹				
C., Harv. & G. L. Ry. Co. ²	6,675 97	\$8,017.77	50 23	14,752 97
Chippewa V. Ry., L. & P. Co.	88,039 83			88,039 83
Duluth St. Ry. Co. (Super.) ²	200,501 67	198.43	881.68	201,581 78
East. Wisconsin Ry. & L. Co. (Fond du Lac)	93,097 32	1,261 55	1,073 64	95,432 51
Green Bay Traction Co.	132,574 50	1,128.59	9,349 54	143,052 63
Janesville Street Ry. Co.	17,437 45		50 00	17,487 45
Kenosha Electric Ry. Co. ¹				
La Crosse City Ry. Co.	124,550 10		1,579 78	126,129 88
La Crosse & O. St. Ry. Co. ⁶	6,939 32			6,939 32
Manitowoc & N. Trac. Co.	33,396 59	407 50	1,483 91	35,287 00
Menominee & Marinette L. & T. Co. ^{2 3}	38,137 57	192 98	1,090 91	39,421 46
Merrill Ry. & L. Co.	8,218 42		30.00	8,248 42
Milw. E. Ry. & L. Co. (The)	3,203,527 21		18,385 23	3,221,912 44
Milwaukee L., H. & T. Co.	699,631 34	281 72	4,643 78	704,556 84
Milwaukee Nor. Ry. Co. ⁷	\$21,161 91	\$795 57		\$21,957 48
Rockford & Inter. Ry. Co. ²	69,468 61	151 22		69,619 83
Sheboygan L., P. & Ry. Co.	75,444 35	6,487 47	376 33	82,308 15
S. Wis. Ry. Co. (Madison)	153,703 43		455 28	154,158 71
Twin City G. E. Co. (Hurley) ²	9,996 23			9,996 23
Waupaca E. L. & Ry. Co.	12,032 40	219 35	144.75	12,396 50
Wausau Str. R. R. Co. ¹⁰	33,281 81	30 93	584 00	33,896 77
Winnebago T. Co. (Oshkosh)	144,745 98	1,601 95	1,245 53	147,593 46
Wisconsin T., L., H. & P. Co. (Appleton)	107,764 00		300.00	108,064 00
Total	\$5,302,465 20	\$20,775 06	\$45,585 59	\$5,338,805 85

¹ No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

² Wisconsin part only.

³ \$3,124.93 for purchased power.

⁴ Purchased power.

⁵ Includes \$180.00 for care of cars.

⁶ Report covers year ending May 31, 1907.

WISCONSIN, YEAR ENDING DEC. 31, 1907.

Account.

OPERATING EXPENSES.					
Maintenance of way and structures.	Maintenance of equipment.	Operating power plant.	Operating cars.	General expenses.	Total.
\$2,085 18	\$3,089 02	\$5,620 56	\$9,614 11	\$2,643 57	\$23,052 44
2,241 88	775 98	3,839 72	3,454 02	1,792 66	12,104 33
6,430 41	5,058 57	7,110 65	24,678 09	7,913 10	51,190 82
5,500 56	10,071 60	18,700 71	53,704 60	16,833 19	104,830 66
4,081 95	6,435 75	16,057 04	18,118 68	10,281 16	54,974 58
12,281 20	7,473 64	18,503 25	43,480 79	25,196 79	103,915 67
1,296 45	2,569 56	4,040 00	6,438 54	560 72	14,905 28
					79,024 91
721 21	340 16	4720 00	52,070 01	619 50	4,470 88
997 51	3,610 78	6,233 63	5,299 67	7,657 54	23,819 13
2,720 96	4,273 40	6,034 00	11,764 00	3,107 29	27,899 65
2,296 51	1,253 67	1,069 67	2,597 64	488 17	7,708 66
143,519 60	185,348 46	276,471 59	756,185 44	222,541 64	1,684,063 73
25,882 47	32,344 21	48,253 75	120,499 22	71,812 94	298,832 5)
81,027 16	81,391 67	85,324 01	85,938 05	83,269 94	816,950 83
3,532 99	4,260 60	11,060 21	15,398 94	7,643 75	41,916 49
6,460 29	10,650 61	13,808 43	19,404 37	10,653 75	60,977 45
7,579 30	7,202 92	16,470 50	31,245 70	19,155 82	81,654 24
1,306 83	740 78	11,200 00	2,058 72	121,716 23	127,031 53
966 48	1,135 40	1,424 45	1,806 17	2,009 47	7,341 97
702 27	810 85	2,054 48	10,119 28	1,681 44	15,368 32
15,140 30	21,033 26	20,363 42	36,087 01	26,531 61	119,185 60
9,131 90	6,222 01	8,962 44	21,757 16	11,333 09	57,406 60
\$255,908 42	\$316,104 90	\$493,342 58	\$1,201,720 21	\$555,553 37	\$2,901,649 42

⁷ Operated by construction company.

⁸ Road in operation 2 months only.

⁹ Report covers year ending Nov. 30, 1907.

¹⁰ Report covers year ending May 31, 1908.

¹¹ Amount charged railway department (Wis.) by electric department for power.

¹² Includes interest and taxes.

ELECTRIC RAILWAYS, OPERATING IN

Income

NAME OF COMPANY.	Net income from operation.	Income from sources other than operation.	Available total income.
Ashland L., P. & Str. Ry. Co.....	\$2,919 67	.....	\$2,919 67
Chicago, Milw. Elec. R. R. Co. ¹¹.....	.....	.....	.....
Chi., Harv. & G. L. Ry. Co. ²	2,648 64	.....	2,648 64
Chippewa V Ry., L. & P. Co.....	36,849 06	.....	36,849 06
Duluth Str. Ry. Co. (Superior) ²	96,721 12	.....	96,721 12
East. Wis. Ry. & L. Co. (Fond du Lac)	40,457 93	.....	40,457 93
Green Bay Traction Co.....	36,136 93	.....	36,136 93
Janesville Street Ry. Co.....	2,582 17	.....	2,582 17
Kenosha Electric Ry. Co. ¹¹.....	.....	.....	.....
La Crosse City Ry. Co.....	47,104 94	.....	47,104 94
La Crosse & Onalaska St. Ry. Co. ⁵	2,468 44	\$30 43	2,528 90
Manitowoc & Northern Trac. Co.....	11,467 87	.....	11,467 87
Menominee & Marinette L. & T. Co. ²	11,521 81	.....	11,521 81
Merrill Ry. & Light. Co.....	539 76	12,000 00	2,539 76
Milwaukee Elec. Ry. & L. Co. (The)....	1,537,845 71	155,828 01	1,593,673 72
Milwaukee L., H. & T. Co.....	405,734 25	1294,225 13	699,959 38
Milwaukee Northern Ry. Co. ⁷	5,005 65	.....	5,005 65
Rockford & Interurban Ry. Co. ²	27,703 34	.....	27,703 34
Sheboygan L., P. & Ry. Co.....	21,330 70	.....	21,330 70
Southern Wisconsin Ry. Co. (Madison).	72,504 47	.....	72,504 47
Twin City General Elec. Co. (Hurley) ² ..	2,954 70	.....	2,954 70
Waupaca Elec. L. & Ry. Co.....	5,054 53	.....	5,054 53
Wausau Street R. R. Co. ¹⁰	18,523 45	.....	18,523 45
Winnebago Traction Co. (Oshkosh).....	28,407 83	.....	28,407 83
Wis. T., L., H. & P. Co. (Appleton)	50,657 40	13,281 57	53,938 97
Total	\$2,467,156 43	\$355,395 17	\$2,822,551 60

¹ Railway proportion only.² Wisconsin proportion only.³ Includes \$135.33 reported as "other charges."⁴ Includes \$5,200.30 reported as "other charges."⁵ Report covers year ending May 31, 1907.⁶ Report covers year ending Nov. 30, 1907.⁷ Operated by construction company; 2 months operation only.

WISCONSIN, YEAR ENDING DEC. 31, 1907.

Account.—Concluded.

FIXED CHARGES.			DEDUCTIONS FOR		Divi- dends.	Surplus.
Taxes.	Interest.	Total.	Reserves.	Construc- tion.		
\$666 60	\$1,668 12	\$2,329 72				\$589 95
245 95	3,872 15	4,118 10				121,469 49
2,193 04	14,652 31	6,845 35			(8)	836,003 71
5,149 96	61,666 66	66,816 62	\$20,825 00	\$19,481 58		1210,402 08
2,007 31	118,581 12	20,538 43	9,543 25		\$10,000 00	373 25
3,927 69	349,810 21	53,737 93				1217,609 97
440 91	4,500 00	4,940 91				122,358 74
3,783 90	413,519 05	17,202 95			9,680 00	20,121 92
123 51		128 51			1,900 00	530 39
883 92	5,907 82	6,794 74				4,673 13
-1,463 85	32,821 03	4,287 89				17,233 52
201 01	11,900 00	2,101 01	800 00		1,600 00	121,931 25
193,314 68	1458,290 83	651,605 51	322,191 26		1648,000 00	1228,123 01
42,273 42	1371,937 77	414,211 19	63,410 00		1170,000 00	52,333 10
1,740 50	17,359 50	19,091 00			8,335 40	75,003 65
2,311 66	225,000 00	27,311 66				276 94
3,835 19	49,547 34	53,382 53	19,121 94			125,989 93
(9)	(9)					2,914 70
283 83	11,040 00	1,323 83	1,300 00	2,000 00		427 70
511 12	12 50	523 62			4,620 50	13,381 33
3,862 88	47,000 89	50,872 77				1222,464 91
5,403 21	23,676 00	32,079 21	5,403 21			16,453 55
\$24,633 15	1,135,703 33	\$1,440,346 48	\$42,594 75	\$21,481 58	\$854,135 90	\$33,922 89

⁸ Dividends not reported.

⁹ Interest and taxes included in operating expenses.

¹⁰ Report covers year ending May 31, 1908.

¹¹ No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

¹² Deficit.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
 Details of earnings from operation.

*NAME OF COMPANY.	EARNINGS FROM TRANSPORTATION.								
	Passenger.				Freight.	Mail.	Express.	Other car earnings.	Total earnings from transportation.
	Cash fares.	Tickets.	Chartered cars.	Total passenger.					
Ashland Light, Power and Street Railway Co...	\$19,105 71	\$3,033 40		\$22,139 11					\$22,139 11
Chicago, Harvard and Geneva Lake Railway Co. ¹	6,627 97		\$48 00	6,675 97	\$7,542 71	\$213 98	\$261 08	\$59 23	14,752 97
Chippewa Valley Railway, Light and Power Co.	88,039 88			88,039 88					88,039 88
Duluth Street Ry. Co. (Superior) ¹	200,467 17		34 50	200,501 67		198 43			200,700 10
Eastern Wisconsin Ry. & Light Co. (Fond du Lac)	81,290 47	11,151 50	655 35	93,097 32			1,111 55		94,358 87
Green Bay Traction Co.....	99,699 45	32,294 80	580 25	132,574 50	1,128 59				133,703 09
Janesville Street Railway Co.....	17,437 45			17,437 45					17,437 45
La Crosse City Railway Co.....				124,550 10					124,550 10
La Crosse and Onalaska Street Railway Co.....	2,745 72	4,193 60		6,939 32					6,939 32
Manitowoc and Northern Traction Co.....				33,396 59	157 50	250 00			33,804 09
Menominee & Marinette Light and Traction Co. ¹	22,707 05	15,430 52		38,137 57		192 98			38,330 55
Merrill Railway and Lighting Co.....				8,218 42					8,218 42
Milwaukee Electric Railway and Light Co., The	719,232 04	2,477,965 02	6,330 15	3,203,527 21					3,208,527 21
Milwaukee Light, Heat and Traction Co.....	512,078 71	180,507 18	7,045 45	699,631 34		281 72			699,915 06
Milwaukee Northern Railway Co.....				21,161 91			795 57		21,957 48
Rockford and Interurban Ry. Co. ¹	26,013 55	43,429 86	25 20	69,468 61			\$151 22		69,619 83
Sheboygan Light, Power and Railway Co.....	44,954 70	30,489 65		75,444 35	3,901 03	269 04	2,317 40		81,931 82
Southern Wisconsin Railway Co. (Madison).....	152,325 47	1,232 96	145 00	153,703 43					153,703 43
Twin City General Electric Co. (Hurley) ¹	9,996 26			9,996 26					9,996 26
Waupaca Electric Light and Railway Co.....	11,909 95		122 45	12,032 40	(*)	(*)	\$219 35	(*)	12,251 75
Wausau Street Railroad Co.....	23,569 07	9,640 89	71 85	33,281 81			30 96		33,312 77
Winnebago Traction Co. (Oshkosh).....	126,624 78	17,423 20	698 00	144,745 98		397 05	1,204 90		146,347 93
Wisconsin Traction, Light, Heat and Power Co. (Appleton).....	90,115 47	17,284 08	364 45	107,764 00					107,764 00
Total.....	\$2,254,940 07	\$2,844,076 66	\$16,120 65	\$5,302,465 20	\$12,729 83	\$1,953 20	\$6,092 03	\$59 23	\$5,323,299 49

¹Wisconsin part only.

²Two months only.

³One month only.

⁴Freight, mail and baggage included in express.

^{*}Includes totals for La Crosse City Ry. Co., Manitowoc & Northern Traction Co., Merrill Ry. & Ltg. Co., and Milwaukee Northern Ry. Co., items not given.

^{*}No report from Chicago and Milwaukee Electric Railroad and Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of earnings from operation—Continued.

*NAME OF COMPANY.	EARNINGS FROM SOURCES OTHER THAN TRANSPORTATION.				Total earnings from operation.
	Advertising.	Sale of power.	Other sources.	Total earnings from sources other than transportation.	
Ashland Light, Power and Street Railway Co.....	\$233 29	\$3,569 71	\$30 00	\$3,833 00	\$25,972 11
Chicago, Harvard and Geneva Lake Railway Co ¹					14,752 97
Chippewa Valley Railway, Light and Power Co.....					88,039 88
Duluth Street Railway Co. (Superior) ²	799 92		81 76	881 68	201,581 78
Eastern Wisconsin Railway & Light Co. (Fond du Lac) ..	1,073 64			1,073 64	95,432 51
Green Bay Traction Co.....	480 00	8,526 89	342 65	9,349 54	143,052 63
Janesville Street Railway Co.....	50 00			50 00	17,487 45
La Crosse City Railway Co.....	927 60		652 18	1,579 78	126,129 88
La Crosse and Onalaska Street Railway Co.....					6,939 32
Manitowoc and Northern Traction Co.....	330 00	1,152 91		1,482 91	35,287 00
Menominee and Marinette Light and Traction Co ¹	242 50		848 41	1,090 91	39,421 46
Merrill Railway and Lighting Co.....	30 00			30 00	8,248 42
Milwaukee Electric Railway and Light Co., The.....	17,737 50		647 73	18,385 23	3,221,912 44
Milwaukee Light, Heat and Traction Co.....	3,354 00		1,289 78	4,643 78	704,556 84
Milwaukee Northern Railway Co.....					221,957 48
Rockford and Interurban Railway Co ¹					69,619 83
Sheboygan Light, Power and Railway Co.....	360 00		16 33	376 33	82,308 15
Southern Wisconsin Railway Co. (Madison).....	455 28			455 28	154,158 71
Twin City General Electric Co. (Hurley) ¹					9,996 26
Waupaca Electric Light and Railway Co.....	113 00		31 75	144 75	12,396 50
Wausau Street Railroad Co.....	350 00		225 00	575 00	33,896 77
Winnebago Traction Co. (Oshkosh).....	1,150 99		94 54	1,245 53	147,593 46
Wisconsin Traction, Light, Heat and Power Co. (Appleton)	300 00			300 00	108,064 00
Total.....	\$27,996 72	\$13,249 51	\$4,260 13	\$45,506 36	\$5,368,805 85

¹ Wisconsin part only.

² Two months only.

* No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of operating expenses.

NAME OF COMPANY.	Total operating expenses.	DISTRIBUTION.									
		Maintenance of way and structures.		Maintenance of equipment.		Operation of power plant.		Operation of cars.		General expenses.	
		Amount.	Per ct. of total.	Amount.	Per ct. of total.	Amount.	Per ct. of total.	Amount.	Per ct. of total.	Amount.	Per ct. of total.
Ashland Light, Power and Street Ry. Co.	\$23,052 44	\$2,085 18	9.04	\$3,089 02	13.40	\$5,620 56	24.38	\$9,614 11	41.71	\$2,643 57	11.47
Chi., Harvard & Geneva Lake Ry. Co. ¹ ..	12,104 33	2,241 88	18.52	775 98	6.41	3,839 79	31.72	3,454 02	28.54	1,792 66	14.81
Chippewa Valley Ry., Lt. and Power Co.	51,190 82	6,430 41	12.56	5,058 57	9.88	47,110 65	13.89	24,678 09	48.21	7,913 10	15.46
Duluth Street Ry. Co. (Superior) ¹	104,860 66	5,500 56	5.25	10,071 60	9.60	18,700 71	17.83	53,704 60	51.22	16,883 19	16.10
Eastern Wis. Ry. Lt. Co. (Fond du Lac)	54,974 58	4,081 95	7.42	6,435 75	11.71	16,057 04	29.21	18,118 68	32.96	10,281 16	18.70
Green Bay Traction Co.....	106,915 67	12,261 26	11.47	7,473 64	6.99	18,503 25	17.30	43,480 79	40.67	25,196 79	23.57
Janesville Street Railway Co.....	14,905 28	1,296 46	8.69	2,569 56	17.24	4,040 00	27.11	6,438 54	43.20	560 72	3.76
La Crosse City Railway Co.....	79,024 94										
La C. & Onalaska Street Ry. Co.....	4,470 88	721 21	16.13	340 16	7.61	4720 00	16.10	52,070 01	46.30	619 50	13.86
Manitowoc & Northern Traction Co....	23,819 13	997 51	4.19	3,610 78	15.16	6,253 63	26.25	5,299 67	22.25	7,657 54	32.15
Menominee & Marinette Light & T. Co. ¹	27,899 65	2,720 96	9.75	4,273 40	15.32	6,034 00	21.63	11,764 00	42.16	3,107 29	11.14
Merrill Railway & Lighting Co.....	7,708 66	2,296 51	29.79	1,256 67	16.30	1,069 67	13.88	2,597 64	33.70	488 17	6.33
Milwaukee Electric Ry. & L. Co., The..	1,684,066 73	143,519 60	8.52	185,348 46	11.03	276,471 59	16.44	756,185 44	44.89	322,541 64	19.12
Milwaukee Light, Heat & Traction Co..	298,822 59	25,882 47	8.66	32,344 21	10.83	48,253 75	16.15	120,499 22	40.32	71,842 94	24.04
Milwaukee Northern Railway Co.....	16,950 83	1,027 16	6.06	1,391 67	8.21	2,324 01	31.41	2,938 05	35.03	3,269 94	19.29
Rockford & Interurban Railway Co. ¹ ..	41,916 49	3,552 99	8.47	4,260 60	10.16	11,060 21	26.39	15,398 94	36.74	7,643 75	18.24
Sheboygan Light, Power & Railway Co.	60,977 45	6,460 29	10.59	10,650 61	17.47	13,808 43	22.65	19,404 37	31.82	10,653 75	17.47
Southern Wisconsin Ry. Co. (Madison)..	81,654 24	7,579 39	9.28	7,202 92	8.82	16,470 50	20.17	31,245 70	38.27	19,155 82	23.46
Twin City General Elect. Co. (Hurley) ¹ ..	7,031 56	1,306 83	18.59	749 78	10.66	1,200 00	17.07	2,058 72	29.28	1,716 23	24.40
Waupaca Electric Light & Ry. Co.....	7,341 97	936 48	14.33	1,135 40	15.26	1,424 45	19.14	1,806 17	24.27	2,009 47	27.00
Wausau Street Railroad Co.....	15,368 32	702 27	4.57	810 85	5.28	2,054 48	13.37	10,119 28	65.84	1,681 44	10.94
Winnebago Traction Co. (Oshkosh).....	119,185 60	15,140 30	12.70	21,033 26	17.65	20,363 42	17.08	36,087 01	30.28	26,561 61	22.29
Wis. Tr., Light, H. & P Co. (Appleton)..	57,406 60	9,131 90	15.91	6,222 01	10.84	8,962 44	15.61	21,757 16	37.90	11,333 09	19.74
Total.....	\$2,901,649 42	\$255,903 42		\$316,104 90		\$493,342 58		\$1,201,720 21		\$555,553 37	

¹ Wisconsin part only. ² 2 months only. ³ One-half of total for railway and lighting. ⁴ Purchased current. ⁵ Includes \$180.00 for care of car. ⁶ Amount charged railway dept. for current. ⁷ Includes interest and taxes. ⁸ Includes total of La Crosse City Ry. Co., items not given.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of operating expenses.—Continued.

111

NAME OF COMPANY.	MAINTENANCE OF WAY AND STRUCTURES.			MAINTENANCE OF EQUIPMENT.					
	Track and roadway.	Electric line.	Buildings and structures.	Steam plant.	Electric plant.	Cars.	Electric equipment of cars.	Miscellaneous equipment.	Shop expenses.
Ashland Light, Power & Street Railway Co.	\$1,972 72	894 11	\$18 35	.....	.....	\$1,491 20	\$1,463 58	\$134 24	.....
Chicago, Harvard & Geneva Lake Ry. Co. ¹	1,797 53	320 52	123 83	.....	.....	211 64	323 02	4 11	\$21 54
Chippewa Valley Railway, Light & Power Co.....	5,366 33	917 68	147 00	.....	.....	2,920 10	2,014 84	59 20	64 43
Duluth Street Railway Co. (Superior) ¹	4,108 32	1,198 08	194 16	.....	.....	5,100 72	3,780 24	299 52	617 28
Eastern Wisconsin Ry. & Light Co. (Fond du Lac)	\$3,580 61	462 75	98 59	.....	.....	4,837 77	1,371 23	7 13	19 62
Green Bay Traction Co.	8,479 17	3,551 37	230 66	205 00	20 35	3,641 45	3,310 98	59 14	236 72
Janesville Street Railway Co.	1,296 46	.....	.....	.....	.....	542 37	1,909 61	75 43	42 15
La Crosse City Railway Co. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Crosse & Onalaska Street Railway Co. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manitowoc & Northern Traction Co.	933 33	64 18	.....	762 94	(3)	62,847 84	(6)	(6)	(6)
Menominee & Marinette Light & Traction Co. ¹ ..	2,012 53	211 79	496 64	667 94	426 91	2,327 53	851 02	.....	.....
Merrill Railway & Lighting Co.	1,837 61	458 90	.....	(3)	(5)	975 04	58 89	222 74	.....
Milwaukee Electric Railway & Light Co., The.....	97,468 04	33,787 33	12,264 23	15,040 34	7,610 41	81,048 41	70,543 02	2,732 77	8,373 51
Milwaukee, Light, Heat & Traction Co.	18,027 68	5,088 08	2,172 03	2,625 05	1,328 28	14,079 58	12,389 11	468 58	1,453 61
Milwaukee Northern Railway Co.	744 66	722 90	57 60	73 00	.....	578 73	456 99	39 12	313 83
Rockford & Interurban Railway Co. ¹	2,294 06	906 01	352 92	85 22	51 57	2,138 35	1,659 22	121 72	204 52
Sheboygan Light, Power & Railway Co.	4,999 54	713 32	747 43	2,741 75	299 34	7,292 64	.....	137 29	179 59
Southern Wisconsin Railway Co. (Madison).....	4,949 98	2,505 55	123 77	.....	.....	3,529 51	2,579 27	580 16	513 98
Twin City General Electric Co. (Hurley) ¹	1,000 00	300 93	5 90	.....	.....	439 78	310 00	.....	.....
Waupaca Electric Light & Railway Co.	610 33	.....	356 15	596 91	46 13	10492 36	(10)	(10)	.....
Wausau Street Railroad Co.	330 41	23 96	347 90	.....	376 90	274 24	156 51	.....	3 29
Winnebago Traction Co. (Oshkosh).....	9,606 71	4,914 32	619 27	1,215 59	494 93	10,700 12	7,138 90	306 22	1,177 50
Wis. Traction, Light, H. & P. Co. (Appleton).....	7,603 72	1,319 67	208 51	.....	.....	3,601 51	1,690 54	50 35	879 61
Total.....	\$179,019 74	\$57,597 53	\$18,564 94	\$24,380 93	\$10,707 14	\$149,070 89	\$112,206 97	\$5,297 72	\$14,101 09

¹ Wisconsin part only. ² Electric plant included under steam plant. ³ Includes superintendence M. of W. & S., \$597.58. ⁴ Includes superintendence M. of E., \$597.48. ⁵ Included in amount charged railway dept. by electric light & power dept. for current. ⁶ Electric equipment of cars, miscellaneous equipment, and shop expenses are all included in cars. ⁷ 2 months only. ⁸ Maintenance of lines. ⁹ Maintenance of storage batteries. ¹⁰ Electric equipment of cars and miscellaneous equipment included under cars.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of operating expenses—Continued.

* NAME OF COMPANY.	OPERATION OF POWER PLANT.						OPERATION OF CARS.			
	Power plant wages.	Fuel for power.	Water for power.	Lubricants and waste.	Miscellaneous supplies and expenses.	Hired power.	Superintendence.	Conductors.	Motormen.	Miscellaneous car service employes.
Ashland Light, P. & Street Ry. Co...	\$1,324 07	\$4,101 13	\$8 00	\$98 89	\$88 47	.....	\$900 00	\$449 39	\$5,116 09	\$552 14
Chi., Harvard & Geneva Lake Ry. Co. ¹	805 96	2,832 84	.....	148 86	52 13	.....	193 38	1,431 10	1,197 62	250 38
Chippewa Valley Ry., L. & P. Co.....	720 00	.....	.....	1 58	264 15	\$6,124 92	1,200 00	8,901 30	8,962 01	4,239 13
Duluth Street Ry. Co. (Superior) ¹	4,752 85	13,581 33	.....	212 34	154 19	.....	2,400 76	18,827 46	19,138 93	896 59
East'n Wis. Ry. & L. Co. (Fond du Lac)	2,368 10	12,692 25	.....	297 50	699 19	.....	597 44	6,605 70	7,086 24	1,180 95
Green Bay Traction Co.....	24,361 10	213,531 62	.....	2533 37	277 16	.....	720 00	31,004 59 ⁽³⁾	1,455 94
Janesville Street Railway Co.....	.....	.....	.....	.....	.....	4,040 00	1,185 00	1,142 85	2,740 05	.....
La Crosse City Railway Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La C. & Onalaska Street Ry. Co..... ⁽⁴⁾ ⁽⁴⁾ ⁽⁴⁾ ⁽⁴⁾ ⁽⁴⁾
Manitowoc & North'n Traction Co....	1,400 00	4,484 43	.....	36 92	.....	.....	.....	.....	.....	.....
Menominee & Marinette L. & T. Co. ¹ ..	980 80	4,887 85	.....	165 35 ⁽³⁾	3,327 50	6,384 23	414 75
Merrill Railway & Lighting Co.....	.....	.....	.....	.....	.....	1,069 67	.....	.....	1,971 06	.....
Milwaukee Electric Ry. & L. Co. The	34,442 39	232,192 82	240 64	3,790 17	5,805 57	.....	32,928 19	291,431 78	299,548 77	.....
Milwaukee Light, Heat & Traction Co.	6,011 37	40,525 58	42 00	661 53	1,013 27	.....	5,752 65	45,238 29	46,522 78	.....
Milwaukee Northern Railway Co. ²	¹⁰ 1,538 93	3,346 34	.....	437 90	84	.....	100 33	1,731 14	1,738 48	¹¹ 1,058 71
Rockford & Interurban Ry. Co. ¹	696 87	693 20	.....	28 25	124 67	9,646 56	334 41	4,847 91	4,831 80	¹² 2,078 85
Sheboygan Light, Power & Ry. Co....	¹³ 3,588 93	¹⁴ 9,327 08	.....	¹⁴ 294 62	¹⁵ 597 80	.....	840 10	¹⁵ 12,023 69 ⁽¹⁵⁾	¹⁶ 3,076 15
Southern Wis. Ry. Co. (Madison).....	.....	.....	.....	.....	.....	16,470 50	419 22	12,387 60	12,810 50	1,082 85
Twin City Gen. Elect. Co. (Hurley) ¹	.....	.....	.....	.....	.....	1,200 00	.....	.....	1,503 05	.....
Waupaca Electric Light & Ry. Co.....	771 46	550 22	30 00	24 77	48 00	.....	500 00	¹⁸ 956 17 ⁽¹⁵⁾
Wausau Street Railroad Co.....	1,375 14	.....	.....	93 05	86 31	500 00	.....	¹⁸ 8,896 30	.....	256 97
Winnebago Traction Co. (Oshkosh)....	4,505 22	15,121 38	.....	556 90	179 92	.....	982 50	9,501 58	18,787 63	194 23
Wis. T., L., H. & P. Co. (Appleton)...	1,400 52	437 98	8,880 97	48 03	194 94	.....	.....	8,748 94	8,737 73	.....
Total.....	\$71,043 71	\$358,306 05	\$7,201 61	\$7,430 03	\$9,266 61	\$39,051 65	\$49,035 98	\$467,453 59	\$446,716 97	\$16,737 64

¹ Wisconsin part only. ² Railway proportions only, of operation at power plant. ³ Wages of conductors includes wages of motormen. ⁴ No details of operation of cars reported. ⁵ Miscellaneous supplies and expenses included under lubricants and waste. ⁶ Amount charged railway dept. for current. ⁷ 2 months only. ⁸ Includes sub-station wages. ⁹ Includes station agents. ¹⁰ Credit. ¹¹ Includes \$1,294.27 for wages of express service employes. ¹² One half of total for railway and lighting. ¹³ Motormen included under conductors. ¹⁴ Includes \$2,789 68 cost of freight and express dept. ¹⁵ No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railroad; no details reported by the La Crosse City Railway and the La Crosse and Onalaska Street Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
 Details of operating expenses—Continued.

NAME OF COMPANY.	OPERATION OF CARS—Continued.					
	Car house employes.	Car service supplies.	Miscellaneous car service expenses.	Hire of equipment.	Cleaning and sanding track.	Removal of snow and ice.
Ashland Light, Power and Street Railway Co.....	\$1,829 59		\$341 85			\$425 05
Chicago, Harvard and Geneva Lake Railway Co. ¹	134 59	\$103 79			\$117 58	25 58
Chippewa Valley Railway, Light and Power Co.....		411 92	663 90			299 83
Duluth Street Railway Co. (Superior) ¹	3,682 02	1,419 39	24,668 19		1,355 34	1,315 92
Eastern Wisconsin Railway & Light Co. (Fond du Lac).....		691 77	1,521 26		333 81	101 51
Green Bay Traction Co.....	8,204 48	837 10	1,138 14			60 54
Janesville Street Railway Co.....	1,127 60	65 74	163 30			14 00
La Crosse City Railway Co.....						
La Crosse and Onalaska Street Railway Co.....						
Manitowoc and Northern Traction Co.....	(³)	(³)	(³)	(³)	(³)	(³)
Menominee and Marinette Light and Traction Co. ¹	641 48	4581 97	(⁴)		5414 07	(⁵)
Merrill Railway and Lighting Co.....	626 58					
Milwaukee Electric Railway and Light Co., The.....	62,713 61	12,075 27	44,548 13		8,240 40	4,699 29
Milwaukee Light, Heat and Traction Co.....	10,979 99	2,113 99	7,679 10		1,434 94	777 48
Milwaukee Northern Railway Co. ⁶	1,003 96	159 55	736 92		83 74	45 22
Rockford and Interurban Railway Co. ¹	1,184 93	724 64	769 84	\$216 77	375 88	33 91
Sheboygan Light, Power and Railway Co.....	1,149 00	1,535 82			421 50	358 11
Southern Wisconsin Railway Co. (Madison).....	1,550 49	99 27	2,098 82		667 30	129 65
Twin City General Electric Co. (Hurley) ¹	240 33		85 34			230 00
Waupaca Electric Light and Railway Co.....	50 00				100 00	200 00
Wausau Street Railroad Co.....	560 38		350 72			54 81
Winnebago Traction Co. (Oshkosh).....	2,993 61	1,874 03	1,110 98		357 21	285 24
Wisconsin Traction, Light, Heat and Power Co. (Appleton).....	1,787 33	354 11	973 70		924 16	231 19
Total.....	\$100,459 97	\$23,048 46	\$66,928 19	\$216 77	\$14,825 93	\$9,287 33

¹ Wisconsin part only. ² \$2,831.55 is expense incident to wreck at Duluth-Superior bridge. ³ No details of operation of cars reported. ⁴ Miscellaneous car service expenses included under "car service supplies." ⁵ Removal of snow and ice, included under "cleaning and sanding track." ⁶ Two months only.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN. YEAR ENDING DEC. 31, 1907
Details of operating expenses—Continued.

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REPORT OF THE RAILROAD COMMISSION.

*NAME OF COMPANY.	GENERAL EXPENSES.							
	Salaries of general officers.	Salaries of clerks.	Printing and stationery.	Miscellaneous office expenses.	Store expenses.	Stable expenses.	Advertising and attractions.	Miscellaneous general expenses.
Ashland Light, Power and Street Ry. Co.....	\$1,100 00	\$350 06	\$125 78	\$52 25				\$311 29
Chicago, Harvard and Geneva Lake Ry. Co. ¹	630 00	375 09	101 04	61 61			\$4 00	15 00
Chippewa Valley Ry., Light and Power Co....	1,250 00	848 22					\$21 88	390 85
Duluth Street Ry. Co. (Superior) ¹	1,838 39	2,966 94	367 17	219 66	\$562 53	\$331 91	113 51	1,759 68
Eastern Wis. Ry. & Light Co., Fond du Lac...	\$4,302 78 ⁽²⁾	553 92	607 75			577 60	906 62
Green Bay Traction Co.....	2,550 00	1,637 67	376 54	167 69			2,332 18	672 72
Janesville Street Railway Co.....			51 70	37 51			101 35	
La Crosse City Railway Co.....								
La Crosse and Onalaska Street Railway Co....								
Manitowoc and Northern Traction Co.....	3,600 00	270 60				193 71	417 00	2,613 58
Menominee & Marinette Light & Traction Co. ¹	\$32 50	\$972 75	(⁴).....	(⁴).....			\$95 76	50 78
Merrill Railway and Lighting Co.....	(⁶).....	(⁶).....	(⁵).....	(⁵).....	(⁵).....	(⁵).....	(⁵).....	\$322 57
Milwaukee Electric Ry. & Light Co., The.....	23,782 68	21,811 41	8,683 25	38,247 58	7,522 05	507 02	3,183 88	25,237 62
Milwaukee, Light, Heat and Traction Co.....	4,148 69	3,819 98	1,515 70	6,605 26	1,310 46	85 88	562 70	4,437 40
Milwaukee Northern Railway Co. ²	795 43	503 32	545 26	168 81	260 82		743 85	83 86
Rockford and Interurban Railway Co. ¹	1,223 84	1,331 68	118 39	310 20	94 27	119 80	\$92 12	520 67
Sheboygan Light, Power and Railway Co.....	73,328 14						3,520 66	\$556 79
Southern Wisconsin Railway Co. (Madison)...	4,532 34	1,394 67	2,406 97	854 59		1,438 51	663 08	1,934 16
Twin City General Electric Co. (Hurley) ¹	416 66		49 00					255 39
Waupaca Electric Light and Railway Co.....	960 00	210 09	(⁷).....	\$215 10			199 14	
Wausau Street Railroad Co.....		381 00	345 03	727 72			139 40	
Winnebago Traction Co. (Oshkosh).....	8,800 57	1,233 40	(⁷).....	\$1,013 97			1,446 17	1,157 24
W. Trac., Light, Heat & Power Co. (Appleton)	2,495 68	1,971 20	295 21	281 27	94 60	214 38	317 58	800 24
Total.....	\$63,498 13	\$47,779 30	\$15,382 06	\$49,511 71	\$9,844 73	\$2,836 21	\$16,861 56	\$41,486 66

¹ Wisconsin, part only. ² Two months only. ³ Salaries of clerks included in salaries of general officers. ⁴ Printing and stationery and miscellaneous office expenses, included under "salaries of clerks." ⁵ All general expenses except damages and insurance, included under "miscellaneous general expenses." ⁶ One-half of total for railway and lighting. ⁷ Clerks included under general officers. ⁸ Stationery and printing included under "miscellaneous office expenses."

*No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway; no details reported by the La Crosse City Railway and the La Crosse and Onalaska Street Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of operating expenses. (concluded).

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R.

* NAME OF COMPANY.	GENERAL EXPENSES—Concluded.					
	Damages.	Legal expenses connected with damages.	Miscellaneous legal expenses.	Rent of lands and buildings.	Rent of tracks and terminals.	Insurance.
Ashland Light, Power and Street Railway Co.....	\$200 50	\$33 02		\$200 00		\$260 67
Chicago, Harvard and Geneva Lake Railway Co. (1).....	19 62			268 00		348 39
Chippewa Valley Railway, Light and Power Co.....	1,078 10	2,464 17		50 00		1,009 88
Duluth Street Railway Co. (Superior) (1).....	4,535 44	1,500 00	989 96			1,688 00
Eastern Wisconsin Railway and Light Co. (Fond du Lac)....	825 69	784 45		53 14		1,866 21
Green Bay Traction Co.....	11,245 65	1,143 95	768 12	97 00		4,175 36
Janesville Street Railway Co.....	123 36					244 00
La Crosse City Railway Co.....						
La Crosse and Onalaska Street Railway Co.....						
Manitowoc and Northern Traction Co.....	625 00			100 00		433 25
Menominee and Marinette Light and Traction C. (1).....	² 425 00	(2)	(2)			(3)
Merrill Railway and Lighting Co.....	⁴ 85 50	(4)	(4)	(4)	(4)	80 00
Milwaukee Electric Railway and Light Co., The.....	⁵ 128,876 51	(5)	32,219 13	221 38		32,219 13
Milwaukee Light, Heat and Traction Co.....	⁵ 28,182 28	(5)	7,045 58	37 86		14,091 15
Milwaukee Northern Railway Co.....	⁶ 17 80			⁶ 159 71		
Rockford and Interurban Railway Co. (1).....	645 17	156 09	68 03	541 40	\$783 41	808 53
Sheboygan Light, Power and Railway Co.....	⁷ 1,501 63	⁷ 275 36		⁷ 565 00		⁷ 403 77
Southern Wisconsin Railway Co. (Madison).....	2,503 98	1,312 00	500 00			1,586 02
Twin City General Electric Co. (Hurley) (1).....						⁸ 1,004 00
Waupaca Electric Light and Railway Co.....	38 50			150 00		295 73
Wausau Street Railroad Co.....	88 20					
Winnebago Traction Co. (Oshkosh).....	² 11,769 01	(2)	(2)	1,151 25		(3)
Wisconsin Traction, Light, Heat and Power Co. (Appleton)...	⁵ 3,241 94	(5)				1,620 99
Total.....	\$196,028 88	\$7,669 04	\$41,600 87	\$4,745 74	\$783 41	\$62,638 08

¹ Wisconsin part only. ² Legal expenses in connection with damages, and miscellaneous legal expenses included under damages. ³ Insurance charged direct to other accounts. ⁴ All general expenses except damages and insurance included under miscellaneous general expenses. ⁵ Legal expenses in connection with damages included under damages. ⁶ 2 months only. ⁷ One half of total for railway and lighting. ⁸ Includes interest and taxes.

* No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway; no details of operating expenses reported by the La Crosse City Railway and the La Crosse and Onalaska Street Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Balance Sheet.—Assets.

Name of Company. ⁴	Construction and equipment.	Investments.	Current assets.	Miscellaneous.	Cash.	Sinking and other funds.	Deficit.	Total.
Ashland Light, Power & Street Railway Co. ¹ ..	\$96,671 08	\$4,724 50	\$18,606 83	\$2,228 81	\$394 10			\$122,625 32
Chicago, Harvard & Geneva Lake Ry. Co. ² ..	167,678 16						9,530 90	177,209 06
Chippewa Valley Ry. Light & Power Co. ¹	1,259,348 19		13,611 47		5,321 58			1,278,281 24
Duluth Street Railway Co. (Superior) ³	4,917,970 29	102,043 90	73,095 34		49,009 08			5,142,118 61
Eastern Wis. Ry. & Light Co. (Fond du Lac) ²								
Green Bay Traction Co.	1,080,275 39		26,904 49		10,029 27		886,919 33	2,004,128 48
Janesville Street Railway Co.	75,000 00	140 00	725 64		3,578 67		153,398 63	232,842 94
La Crosse City Railway Co.	455,535 13		16,519 48		250 00			472,304 61
La Crosse & Onalaska Street Railway Co.	38,340 16				3,661 00			42,001 16
Manitowoc & Northern Traction Co.	239,117 44				117 95			239,235 39
Menominee & Marinette Light & Tr'tion Co. ¹ ²	182,076 34	375 00	4,793 53		865 00			188,109 87
Merrill Railway & Lighting Co. ¹	75,400 00	600 00	1,590 00		600 00		280 00	78,460 00
Milwaukee Electric Ry. & Light Co. The ¹	20,181,761 32	1,909,600 00	1,239,253 13		36,660 58	1,880,000 00		25,247,275 03
Milwaukee Light, Heat & Traction Co. ¹	6,267,720 71	12,320,750 00	127,632 71					18,716,103 42
Milwaukee Northern Railway Co.	3,500,000 00	1,238 50	5,493 75		5,774 69			3,512,506 94
Rockford & Interurban Railway Co. ³	3,930,929 06		6,426 55		26,403 08			3,963,758 69
Sheboygan Light, Power & Railway Co. ¹	1,064,695 64		30,857 37		1,694 65		6,579 67	1,103,827 33
Southern Wisconsin Railway Co. (Madison).....	1,390,197 62		10,182 14		6,778 94	15,000 00		1,422,158 70
Twin City General Electric Co. (Hurley) ⁵								
Waupaca Electric Light & Railway Co. ¹	66,000 00		700 00		845 11			67,545 11
Wausau Street Railroad Co.	133,121 63	12,200 52	33 74		3,478 44			148,834 33
Winnebago Traction Co. (Oshkosh).....	1,513,705 85		74,955 13		1,102 44		18,657 93	1,608,421 35
Wis. T., L'ht, Heat & Power Co. (Appleton) ¹	853,057 56	6,630 00	12,347 50		18,553 11	5,850 00		896,438 17
Total.....	\$47,488,601 57	\$14,358,302 42	\$1,663,718 80	\$2,228 81	\$175,117 69	\$1,900,850 00	\$1,075,366 46	\$66,664,185 75

¹Railway proportion only. ²Wisconsin proportion only. ³Covers whole line. ⁴No report from the Chicago & Milwaukee Electric Railroad and the Kenosha Electric Railway. ⁵No balance sheet reported.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Balance sheet.—Liabilities.

*NAME OF COMPANY.	Capital Stock.	Funded debt.	Current Liabilities.	Accrued Liabilities.	Sinking and other funds.	Miscellaneous.	Surplus.	Total.
Ashland Light, Power & Street Ry. Co. ¹ ..	\$66,667 00	\$43,333 00	\$7,411 26	\$620 34	.....	\$4,593 72	.....	\$122,625 32
Chicago, Harvard & Geneva Lake Ry. Co. ²	75 00 00	62,500 00	17,834 07	21,874 99	.....	.....	.....	177,209 06
Chippewa Valley Ry., Light & Power Co. ¹	729,000 00	526,500 00	18,580 31	.....	.....	.....	\$4,190 93	1,278,281 24
Duluth Street Railway Co. (Superior) ³	300,000 00	4,000,000 00	58,389 64	48,809 78	\$252,048 69	976 30	481,794 20	5,142,118 61
E. Wis. Ry. & Light Co. (Fond du Lac) ⁴....	.....	.....	.....	.....	.....	.....	.....	.....
Green Bay Traction Co.....	1,000,000 00	800,750 00	203,115 08	263 40	.....	.....	.....	2,004,128 48
Janesville Street Railway Co.....	50,000 00	75,000 00	106,686 02	1,156 92	.....	.....	.....	232,842 94
La Crosse City Railway Co.....	302,200 00	136,000 00	3,266 54	1,300 45	.....	.....	29,537 62	472,304 61
La Crosse & Onalaska Street Railway Co.	38,000 00	.....	.....	.....	.....	.....	4,001 16	42,001 16
Manitowoc & Northern Traction Co.....	100,000 00	118,000 00	4,326 41	.....	.....	.....	16,908 98	239,235 39
Menominee & Marinette Light & T. Co. ^{1 2}	133,900 00	46,250 00	2,223 88	1,747 74	.....	.....	3,988 25	188,109 87
Merrill Railway & Lighting Co. ¹	40,000 00	30,000 00	7,660 00	.....	800 00	.....	.....	78,460 00
Milwaukee Electric Ry. & L. Co., The ¹	10,800,000 00	10,800,000 00	1,387,333 72	163,092 88	1,668,189 97	.....	428,658 46	25,247,275 03
Milwaukee Light, Heat & Traction Co. ¹	8,500,000 00	8,500,000 00	177,565 00	65,408 53	116,869 44	900,110 29	456,150 16	18,716,103 42
Milwaukee Northern Railway Co.....	1,000,000 00	2,500,000 00	7,500 29	.....	.....	.....	5,006 65	3,512,506 94
Rockford & Interurban Railway Co. ³	1,050,000 00	2,600,000 00	105,418 40	47,936 87	.....	.....	160,403 42	3,963,758 69
Sheboygan Light, Power & Railway Co. ¹ ..	280,000 00	700,000 00	121,126 59	2,700 74	.....	.....	.....	1,103,827 33
Southern Wisconsin Ry. Co. (Madison).....	50,000 00	1,185,000 00	146,901 95	13,421 24	5,853 06	.....	20,982 45	1,422,158 70
Twin City General Electric Co. (Hurley) ⁴	.....	.....	.....	.....	.....	.....	.....	.....
Waupaca Electric Light & Railway Co. ¹ ..	50,160 00	15,840 00	.....	.....	.....	.....	1,545 11	67,545 11
Wausau Street Railroad Co.....	125,450 00	.....	10,000 00	.....	.....	.....	13,384 33	148,834 33
Winnebago Traction Co. (Oshkosh).....	650,000 00	⁵ 666,600 00	243,372 12	48,449 23	.....	.....	.....	1,608,421 35
Wis. Tr., L., Heat & Power Co. (Appleton) ¹	272,766 00	532,350 00	2,254 82	19,280 58	8,201 55	.....	61,585 22	896,438 17
Total.....	\$25,613,143 00	\$33,338,123 00	\$2,630,986 10	\$436,153 69	\$2,051,962 71	\$905,680 31	\$1,688,136 94	\$66,664,185 75

¹Railway proportion only. ²Wisconsin proportion only. ³Covers whole line. ⁴No balance sheet reported. ⁵Includes \$11,600 00 of receivers certificates.

⁶No report from the Chicago & Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Miles of Track.

*NAME OF COMPANY.	WISCONSIN.						WHOLE LINE.	
	1st track. (road.)	2nd track.	Sidings and turnouts.	Total tracks.	Within city limits.	Outside city limits.	1st track. (road.)	Total tracks.
Ashland Light, Power and Street Railway Co	6.70	.....	0.10	6.80	.....	.....	6.70	6.80
Chicago, Harvard & Geneva Lake Ry. Co.....	5.50	.....	50	55.00	.....	.....	11.00	11.61
Chippewa Valley Railway, Lt. and Power Co	.....	.....	.....	22.00	14.00	8.00	.....	22.00
Duluth Street Railway Co. (Superior)	.....	.....	.....	22.40	.....	.....	(1)	(1)
Eastern Wis. Ry. and Lt. Co. (Fond du Lac)	21.39	22.48	1.04	24.91	8.87	16.04	21.39	24.91
Green Bay Traction Co.....	37.82	2.02	96	40.80	13.73	27.07	37.82	40.80
Janesville Street Railway Co.....	4.87	.....	23	5.10	5.10	.....	4.87	5.10
La Crosse City Railway Co.....	11.57	2.73	33	14.63	14.63	.....	11.57	14.63
La Crosse and Onalaska Street Railway Co..	2.37	.....	.....	2.37	.....	.....	2.37	2.37
Manitowoc and Northern Traction Co.....	9.00	.....	28	9.28	5.28	4.00	9.00	9.28
Menominee & Marinette Lt. and Traction Co	6.17	1.37	83	8.37	8.37	.....	13.38	17.90
Merrill Railway and Lighting Co.....	1.50	.....	.....	1.50	1.50	.....	1.50	1.50
Milwaukee Electric Ry. and Light Co. The..	60.50	58.81	7.64	126.95	126.95	.....	60.50	126.95
Milwaukee Light, Heat and Traction Co.....	98.01	82.02	3.03	183.06	54.61	128.45	98.01	183.06
Milwaukee Northern Railway Co.....	28.55	3.20	1.15	32.90	6.55	26.35	28.55	32.90
Rockford and Interurban Railway Co.....	.....	.....	.....	14.57	.....	.....	292.81	399.63
Sheboygan Light, Power and Railway Co.....	25.50	.....	55	26.05	10.92	15.13	25.50	26.05
Southern Wisconsin Railway Co. (Madison)	10.70	.....	2.40	13.10	10.60	2.50	10.70	13.10
Twin City General Electric Co. (Hurley)....	2.20	.....	06	2.26	.....	.....	.....	4.62
Waupaca Electric Light and Railway Co.....	4.60	.....	15	4.75	1.34	3.41	4.60	4.75
Wausau Street Railroad Co.....	5.83	92	56	7.31	4.28	3.03	5.83	7.31
Winnebago Traction Co. (Oshkosh).....	38.67	68	1.24	40.59	16.20	24.39	38.67	40.59
Wis. Trac., Lt., H. and P. Co. (Appleton)....	19.72	.....	63	20.35	13.86	6.49	19.72	20.35
Total	401.17	154.23	24.68	466.05	.....	.....	504.49	716.21

¹ Not reported. ² .435 miles of this operated under trackage rights. ³ .75 miles of this operated under trackage rights. ⁴ The Chippewa Valley Ry., Lt. and Power Co., the Duluth Street Ry. Co., and the Rockford Interurban Ry. Co. fail to report separately the miles of first, second and siding tracks.
* No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Equipment—Cars.

* NAME OF COMPANY.	PASSENGER.						Total passenger.	Freight.	Mail, baggage, express, etc..	Work cars.	Snow plows and sweepers.
	With electric equipment.			Without electric equipment.							
	Closed.	Open.	Combination.	Closed.	Open.	Combination.					
Ashland Light, Power and Street Ry. Co.....	8	2	.....	2	1	.....	11	.....	.....	.....	1
Chicago, Harvard and Geneva Lake Ry. Co...	4	.....	.....	2	1	.....	7	.....	.....	.....	1
Chippewa Valley Ry. Light and Power Co...	11	8	.....	.....	.....	.....	19	.....	.....	1	1
Duluth Street Ry. Co. (Superior).....	33	.....	.....	.....	.....	.....	33	.....	.....	1	1
Eastern Wis. Ry. and Light Co. (Fond du Lac)	16	.....	.....	.....	8	.....	24	.....	.....	2	1
Green Bay Traction Co.....	22	4	.....	2	7	.....	35	1	.....	2	2
Janesville Street Railway Co.....	6	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
La Crosse City Railway Co.....	.....	.....	.....	.....	.....	.....	24	.....	.....	8	1
La Crosse and Onalaska Street Ry. Co.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Manitowoc and Northern Traction Co.....	6	2	.....	2	2	.....	12	1	.....	.....	.....
Menominee & Marinette Light & Traction Co.	7	4	.....	.....	13	.....	124	.....	.....	1	1
Merrill Railway and Lighting Co.....	4	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Milwaukee Electric Ry. and Light Co. The..	437	91	.....	.....	.....	.....	528	.....	.....	162	19
Milwaukee Light, Heat and Traction Co.....	55	.....	.....	64	.....	.....	119	.....	.....	.....	4
Milwaukee Northern Railway Co.....	16	.....	.....	.....	.....	.....	16	.....	.....	1	2
Rockford and Interurban Railway Co.....	9	.....	2	6	.....	.....	317	.....	1	6	1
Sheboygan Light, Power and Railway Co....	11	4	.....	4	2	.....	21	2	1	1	2
Southern Wisconsin Ry. Co. (Madison).....	19	10	.....	.....	.....	.....	29	.....	.....	8	1
Twin City General Electric Co. (Hurley)....	4	.....	.....	.....	.....	.....	47	.....	.....	1	.....
Waupaca Electric Light and Railway Co....	1	3	.....	.....	3	.....	7	1	1	2	.....
Wausau Street Railroad Co.....	5	1	1	4	.....	.....	11	.....	.....	.....	.....
Winnebago Traction Co. (Oshkosh).....	23	5	.....	.....	22	.....	50	.....	.....	1	2
W. Trac., Light, Heat & P. Co. (Appleton)...	11	2	.....	.....	.....	.....	13	.....	.....	1	.....
Total.....	709	136	3	80	63	.....	991	8	3	198	41

¹Total number of passenger cars for whole line, 44. ²One hospital car in addition. ³Total number of passenger cars for whole line, 86. ⁴Includes 3 old cars in use as auxiliary cars only.

*No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Statistics of Operation.

*NAME OF COMPANY.	PASSENGERS CARRIED.		Tons of Freight carried.	CAR MILES.			CAR HOURS.			Kw. Hrs. generated for railroad purposes.
	Fare.	Transfer.		Passenger.	Other.	Total.	Passenger.	Other.	Total.	
Ashland Lt., Power and Street Ry. Co.	463,166			247,843		247,843	32,128		32,128	
Chi., Harvard and Geneva Lake Ry. Co. ¹ ..	51,931			21,459	² 15,321	² 36,780				³ 24,218
Chippewa Valley Ry., Lt. and Power Co.	1,574,854	254,756		460,596		460,596	48,585		48,585	1,000,000
Duluth Street Ry. (Superior) ¹	4,164,967	⁴ 314,022		828,608		828,608	88,450		88,450	1,570,405
E. Wis. Ry. and Lt. Co. (Fond du Lac)	1,190,784			516,493		516,493	44,097		44,097	1,277,362
Green Bay Traction Co.	2,048,327	230,821	403	920,970	10,496	931,466	85,800	956	86,756	2,029,590
Janesville Street Railway Co.	360,794			146,258		146,258	23,153		23,358	⁵ 154,138
La Crosse City Railway Co.	2,574,838	328,687		758,894		758,894				1,086,096
La Crosse and Onalaska Street Ry. Co.	91,237									
Manitowoc and Northern Tr. Co.										
Menominee & Marinette Lt. and Tr. Co. ¹ ..	832,431	193,209		294,710		294,710	37,717		37,717	
Merrill Ry. and Lighting Co.	171,950			90,000		90,000	15,400		15,400	³ 150,000
Milwaukee Electric Ry. and Lt. Co.	74,720,783	25,809,012		12,294,354		12,294,354	1,383,653		1,383,653	41,228,665
Milwaukee Lt. Heat and Traction Co., The	8,268,670	1,188,405		2,811,084		2,811,084	242,200		242,200	7,218,650
Milwaukee Northern Railway Co. ⁶	117,839			76,508		76,508	3,109		3,109	504,537
Rockford and Interurban Ry. Co. ¹ ..	474,188			224,387	758	225,145	12,591	78	12,669	1,113,000
Sheboygan Lt., Power and Railway Co.				351,866	35,939	417,805				820,000
Southern Wis. Railway Co. (Madison)	3,107,392	239,000		689,663		689,663	81,030		81,030	⁵ 998,011
Twin City Gen. Electric Co. (Hurley) ¹	199,923									
Waupaca Electric Lt. and Railway Co.	145,782			47,019	1,500	48,519	4,560	155	4,715	54,850
Wausau Street Railroad Co.	686,318									
Winnebago Traction Co. (Oshkosh)	2,154,962	393,362		1,025,675		1,025,675	116,316		116,316	1,512,487
Wis. Tr. L., Heat, and P. Co. (Appleton) ..	1,479,261	99,666		461,173		461,173	46,640		46,640	1,062,200
Total	104,883,399	30,035,840	403	22,297,560	64,014	22,361,583	2,265,634	1,189	2,266,823	61,984,199

¹ Wisconsin part only. ² Motor freight car mileage only; does not include mileage of freight cars hauled for other companies. ³ Estimated. ⁴ In-company employees' free tickets. ⁵ Purchased power. ⁶ 2 months only.

* No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway; no statistics of operation reported by the Manitowoc and Northern Traction Co.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Earnings and Expenses per Unit.

NAME OF COMPANY.	PASSENGER EARNINGS.				TOTAL EARNINGS.				OPERATING EXPENSES.			
	Per mile of road (1st main track) in dollars.	Per passenger car mile in cents.	Per passenger car hour in cents.	Per revenue passenger in cents.	Per mile of road (1st main track) in dollars.	Per car mile (all revenue cars) in cents.	Per car hour (all revenue cars) in cents.	Per revenue passenger in cents.	Per mile of road (1st main track) in dollars.	Per car mile (all revenue cars) in cents.	Per car hour (all revenue cars) in cents.	Per revenue passenger in cents.
Ashland Light, Power & St. Ry. Co.	\$3.304	8.93	68.9	4.78	\$3.877	10.50	80.8	5.61	\$3.441	9.31	71.8	4.98
Ch., Harvard & Geneva Lake Ry. Co.	1.214	31.10	.....	12.15	2.682	40.10	.....	26.86	2.201	32.92	.....	22.04
Chippewa Valley Ry. L. & P. Co....	14.002	19.12	181.2	5.59	14.002	19.12	181.2	5.59	12.327	11.12	105.4	3.25
Duluth Street Ry. Co. (Superior)....	18.951	24.20	226.7	4.81	18.999	24.33	227.8	4.84	14.681	12.65	118.5	2.52
E. Wis. Ry. & L. Co. (Fond du Lac)	4.332	18.02	211.1	7.82	4.461	18.48	216.4	8.01	2.570	10.64	124.7	4.62
Green Bay Traction Co.....	3.506	14.39	154.5	6.47	3.783	15.36	164.9	6.98	2.827	11.48	123.2	5.21
Janesville Street Railway Co.....	3.581	11.92	74.6	4.83	3.591	11.96	74.8	4.85	3.061	10.19	63.8	4.13
La Crosse City Railway Co.....	10.766	16.41	.....	4.84	10.900	16.62	.....	4.90	6.831	10.42	.....	3.07
La Crosse & Onalaska Street Ry. Co.	2.928	.....	.....	7.61	2.928	.....	.....	7.61	1.886	.....	.....	4.90
Manitowoc & Northern Traction Co.	3.711	.....	.....	.....	3.921	.....	.....	.....	2.647	.....	.....	.....
Menominee & Marinette L. & T. Co.	6.181	12.94	101.1	4.58	6.390	13.38	104.5	4.74	4.522	9.46	73.9	3.35
Merrill Railway & Lighting Co.	5.478	9.13	53.3	4.78	5.498	9.16	53.6	4.80	5.139	8.56	50.0	4.48
Milwaukee Elect. Ry. & L. Co., The	52.959	26.05	231.5	4.29	53.260	26.21	232.8	4.31	27.847	13.70	121.7	2.25
Milwaukee Light, Heat & T. Co....	7.138	24.89	288.9	8.46	7.189	25.06	290.9	8.52	3.049	10.63	123.4	3.61
Milwaukee Northern Railway Co....	2.741	27.66	680.7	17.96	2.769	28.70	706.3	18.63	2.594	22.15	545.2	14.38
Rockford & Interurban Ry. Co.....	14.768	30.94	551.7	14.65	14.778	30.92	549.5	14.68	12.877	18.62	330.9	8.84
Sheboygan Light, Power & Ry. Co.	2.958	19.75	.....	.....	3.228	19.70	.....	.....	2.391	14.59	.....	.....
S. Wisconsin Ry. Co. (Madison)....	14.366	22.28	189.7	4.95	14.407	22.35	190.3	4.96	7.631	11.84	100.8	2.63
Twin City Gen. Elect. Co. (Hurley)...	4.544	.....	.....	5.00	4.544	.....	.....	5.00	3.196	.....	.....	3.52
Waupaca Elect. Light & Ry. Co.....	2.616	25.59	263.9	8.25	2.695	25.55	262.9	8.51	1.596	15.13	155.7	5.04
Wausau Street Railroad Co.	5.709	.....	.....	4.85	5.815	.....	.....	4.94	2.636	.....	.....	2.24
Winnebago Traction Co. (Oshkosh)...	3.743	14.11	124.5	6.72	3.817	14.39	126.9	6.85	3.082	11.62	102.5	5.53
Wis. T. L. H. & Pow. Co. (Appleton)	5.465	23.57	231.1	7.28	5.480	23.44	231.7	7.30	2.911	12.45	123.1	3.88

¹Per mile of track (all tracks); miles of road not reported. ²2 months only of operation.

PART XI.]



Statistics Affecting Other Public Utilities.

TABLE I.—ELECTRIC
Income Account of Electric Plants Operating

No.	City.	Name.
CORPORATIONS.		
1	Antigo	Antigo Electric Light Co.
2	Appleton	Wisconsin Traction, Light, Heat and Power Co.
3	Ashland	Ashland Light, Power & St. Ry. Co.
4	Baraboo	Baraboo Lighting Co.
5	Beaver Dam	Beaver Dam Illuminating Co.
6	Beloit	Beloit Water, Gas & Electric Co.
7	Berlin	The Berlin Light, Heat & Power Co.
8	Chippewa Falls	Chippewa Falls Water Works & Lighting Co.
9	De Pere	De Pere Light & Power Co.
10	Eau Claire	Chippewa Valley Railway, Light & Power Co.
11	Fond du Lac	Eastern Wisconsin Railway, Light & Power Co.
12	Grand Rapids	Grand Rapids Electric & Water Co.
13	Green Bay	Green Bay Gas & Electric Co.
14	Janesville	Janesville Electric Co.
15	Kaukauna	Kaukauna Gas, Electric Light & Power Co.
16	Kenosha	Kenosha Gas & Electric Co.
17	La Crosse	La Crosse Gas & Electric Co.
18	Madison	Madison Gas & Electric Co.
19	Manitowoc	Manitowoc Electric Light Co.
20	Marinette	Menominee Gas, Electric Light & Traction Co.
21	Menominee	Menominee Electric Light & Power Co.
22	Merrill	Merrill Railway & Lighting Co.
23	Milwaukee	The Milwaukee Electric Railway & Light Co.
24	Milwaukee	Milwaukee Light, Heat & Traction Co.
25	Milwaukee	Plankinton Electric Light & Power Co.
26	Milwaukee	Wells Power Co.
27	Oconto	Oconto Electric Co.
28	Oconto	People's Land & Manufacturing Co.
29	Oshkosh	Oshkosh Gas Light Co.
30	Portage	Portage Electric Light Co.
31	Rhineland	Rhineland Lighting Co.
32	St. Croix Falls	Minnesota Improvement Co. ¹
33	Sheboygan	Sheboygan Light, Power & Ry. Co.
34	Stevens Point	Stevens Point Lighting Co.
35	Superior	Superior Water, Light & Power Co.
36	Washburn	Washburn Electric Light & Power Co.
37	Watertown	Watertown Gas & Electric Co.
38	Waukesha	Waukesha Gas & Electric Co.
39	Wausau	Wausau Electric Co.
		Total
MUNICIPAL PLANTS.		
1	Marshfield	Municipal Electric Plant.
2	Menasha	" " "
3	Sturgeon Bay	" " "
4	Two Rivers	" " "
		Total

¹In operation since February 1, 1907, only.

REPORT OF THE RAILROAD COMMISSION.

1019

PLANTS, 1907.

in Cities of Over 5,000 Population.

OPERATING REVENUES.

Public service.	Commercial service.	Income from sale of current for traction	Miscellaneous income.	Deduct discounts, etc.	Total.
\$3,100 00	\$18,952 97		\$2,935 22		\$24,988 19
17,675 03	51,839 47				69,514 50
3,380 59	26,643 86			\$1,983 31	28,041 14
3,300 00	9,800 00		500 00	2,396 00	11,204 00
5,450 00	14,533 95				19,983 95
6,679 50	36,353 39			368 55	42,664 34
1,804 86	17,615 49		10,211 84	1,340 86	28,291 33
6,021 05	19,910 01		3,859 92		29,790 98
3,713 39	11,391 83			156 96	14,948 26
7,182 97	43,192 19				50,375 16
13,790 62	55,659 78				69,450 40
3,435 00	16,110 45		4,415 63		23,961 08
11,594 15	34,241 36		177 50	3,781 30	42,231 71
13,428 88	51,040 93	\$4,037 94	2,679 24	2,512 48	68,674 01
4,176 20	12,404 31			715 64	15,864 87
10,747 52	36,400 59		1,138 32	478 15	47,808 28
17,847 55	96,611 88		34,214 09		148,673 52
14,599 47	154,366 58	16,477 00	959 03		186,402 08
5,791 88	25,667 09		1,898 66	107 01	33,250 62
5,994 46	29,815 20		88 23		35,897 83
4,546 03	8,899 10				13,445 13
5,204 26	16,554 77				21,849 03
123,354 77	478,115 64				601,470 41
27,487 11	94,086 70				121,573 81
	35,002 13		32,496 68	34 71	68,064 10
	32,135 63		24,066 59		56,202 22
3,397 12	3,439 43		12 00	272 04	6,576 51
	7,498 48				7,498 48
19,353 81	74,461 64		3,100 67	193 76	96,722 36
4,955 20	8,435 05				13,390 25
4,419 94	17,772 45		3,499 92		25,692 31
419 09	123,590 40			51 27	123,958 22
13,465 77	54,488 87		1,113 05		69,067 69
5,469 00	11,979 27				17,448 27
13,374 94	87,211 63				100,586 57
1,776 00	8,244 00		980 00		11,000 00
5,329 44	23,079 92			303 10	28,106 26
7,910 43	7,810 97		520 34	592 35	15,649 39
5,442 16	33,478 58		15,138 82		54,059 56
\$405,707 63	\$1,889,435 99	\$20,514 94	\$144,005 75	\$15,287 49	\$2,444,376 82
\$3,873 88	\$12,306 87				\$16,180 75
3,500 00	33 24				3,533 24
4,119 67	8,494 56		\$673 47		13,287 70
2,728 50	5,346 23				8,074 73
\$14,222 05	\$26,180 90		\$673 47		\$41,076 42

TABLE I—ELECTRIC
Income Account of Electric Plants Operating

No.	OPERATING					
	Generating Expense.				Distri-	
	Labor.	Supplies and expense.	Mainte- nance.	Total.	Labor.	Supplies and expense.
CORPORATIONS.						
1						
2	\$ 1,711 75	\$ 9,010 38	\$ 156 28	\$10,878 41	\$ 5,405 28	\$ 3,220 66
3	2,648 14	9,426 04	176 72	12,250 90	3,055 94	501 79
4	1,680 00	3,128 50	.....	4,808 50	900 00	.....
5	1,140 00	6,319 74	.....	7,459 74	1,308 00	125 00
6	4,160 17	10,178 10	531 59	14,869 86	1,001 88	686 67
7	2,402 88	14,687 67	499 81	17,590 36	1,020 00	.....
8	.....	.....	.....	4,010 00	.....	.....
9	2,465 14	450 00	684 15	3,599 29	981 00	379 15
10	3,452 02	1,225 87	.....	4,677 89	1,557 82	1,015 54
11	2,696 15	15,195 09	389 02	18,280 26	7,533 06	1,735 64
12	5,614 96	13,096 61	.....	18,711 57	.....	.....
13	3,475 00	12,663 30	589 68	16,727 98	3,138 84	853 12
14	.....	.....	.....	.....	.....	.....
15	1,425 36	1,671 76	1,125 69	4,222 81	571 82	705 51
16	4,091 41	13,517 97	1,018 05	18,627 43	724 63	1,233 75
17	10,965 90	66,465 42	2,482 41	79,913 73	2,463 84	6,213 96
18	12,183 77	60,811 93	9,023 64	82,019 34	7,474 96	8,283 38
19	4,985 05	8,384 34	1,496 56	14,865 95	1,000 00	1,461 57
20	2,103 64	10,399 27	3,025 73	15,528 64	4,000 02	1,834 67
21	1,442 99	487 15	735 06	2,665 20	1,395 35	49 60
22	945 00	813 31	1,454 71	3,213 02	2,499 03	2,119 72
23	25,351 44	95,274 76	15,015 54	135,641 74	39,974 24	28,303 00
24	5,143 27	19,568 15	2,896 02	27,607 44	7,955 79	4,578 89
25	5,673 19	31,300 70	1,989 42	38,963 31	678 38	62 52
26	6,538 38	23,641 43	2,702 59	32,882 40	2,452 86	2,282 20
27	2,416 23	2,355 94	83 24	4,855 41	111 02	53 60
28	.....	2,262 40	.....	2,262 40	.....	.....
29	4,825 05	25,734 91	1,858 61	32,398 57	6,581 52	4,397 89
30	1,260 00	4,985 00	400 00	6,645 00	780 00	.....
31	.....	15,100 00	.....	5,100 00	4,656 27	.....
32	4,721 18	803 62	2,170 32	7,695 12	4,246 36	17 55
33	3,588 93	9,621 20	597 80	13,807 93	2,250 02	2,370 14
34	.....	15,500 00	.....	5,500 00	1,200 00	538 23
35	6,897 54	17,888 37	6,824 11	31,610 02	6,217 07	617 19
36	3,240 00	2,600 00	796 00	6,636 00	.....	.....
37	2,388 50	3,506 83	674 77	6,570 10	2,431 86	1,613 15
38	1,692 10	7,441 98	1,964 42	11,098 50	1,140 07	303 87
39	2,660 00	44 13	.....	2,704 13	4,541 36	1,113 84
	\$145,985 14	\$515,561 87	\$61,341 94	² \$726,898 95	\$130,248 29	\$76,671 80
MUNICIPAL PLANT.						
1	\$ 1,607 40	\$ 3,374 40	\$ 1,710 00	\$ 6,691 80	.....	.....
2	.....	.....	.....	.....	.....	.....
3	1,980 00	3,730 20	220 98	5,931 18	\$ 1,352 70	\$ 246 47
4	1,813 30	3,665 34	110 18	3,588 55	654 00	.....
	\$ 5,400 43	\$ 8,769 94	\$ 2,041 16	\$16,211 53	\$ 2,006 70	\$ 246 47

¹Current purchased.

²Total includes \$4,010.00 undistributed expense.

³Total includes \$8,199.00 undistributed expense.

⁴Total includes \$2,137.29 undistributed expense.

PLANTS, 1907—Continued.

in Cities of Over 5,000 Population.—Continued.

EXPENSES.					
Location.		General Expense.			Total.
Maintenance.	Total.	Salaries.	Supplies and expense.	Total.	
\$2,059 65	\$10,685 59	\$2,977 83	\$4,542 88	\$7,520 71	\$23,460 32
1,180 51	4,738 24	1,460 06	1,825 46	3,285 52	29,084 71
.....	900 00	750 00	150 00	900 00	20,274 06
250 00	1,683 00	1,790 00	1,353 00	3,143 00	6,608 50
.....	.....	.....	.....	.....	12,285 74
1,187 93	2,876 48	3,930 84	2,800 06	6,730 90	24,477 24
535 19	1,555 19	1,620 00	1,001 33	2,621 33	21,766 88
.....	8,199 00	.....	.....	2,137 29	14,346 29
2,148 94	3,509 09	200 00	212 95	412 95	7,521 33
1,832 49	4,405 85	2,145 59	1,593 42	3,739 01	12,822 75
.....
2,335 97	11,604 67	3,168 26	3,722 65	6,890 91	36,775 84
.....	.....	1,980 00	254 72	2,234 72	20,946 29
1,818 98	5,810 94	2,750 18	4,429 00	7,179 18	29,718 10
.....	.....	.....	.....	.....	34,814 00
452 07	1,729 40	2,140 00	1,206 75	3,346 75	9,298 96
.....
1,590 44	3,548 82	1,708 09	2,324 43	4,032 52	26,208 77
5,378 30	14,056 10	11,897 02	5,806 30	17,703 32	111,673 15
8,418 09	24,179 43	5,258 06	15,793 07	21,051 13	127,246 90
600 00	3,061 57	1,710 00	1,789 18	3,499 18	21,426 70
1,383 89	7,218 58	1,350 00	2,555 65	3,905 65	26,652 87
.....
285 97	1,730 92	1,550 00	835 05	2,385 05	6,781 17
805 95	5,424 70	1,500 00	461 81	1,961 81	10,599 53
23,787 47	92,064 71	14,615 59	48,332 59	62,948 18	290,654 63
7,404 78	19,939 46	5,248 06	7,823 80	13,071 86	60,618 76
560 48	1,301 38	3,259 19	1,313 50	4,572 69	44,887 38
.....
1,181 36	5,916 42	3,790 10	2,543 39	6,333 49	45,132 31
49 77	214 39	857 92	820 09	1,678 01	6,747 81
.....	.....	1,560 00	.....	1,560 00	3,822 40
1,253 77	12,233 18	2,726 66	5,872 65	8,599 31	53,231 06
.....	780 00	1,800 00	300 00	2,100 00	9,525 00
.....	4,656 27	5,480 00	3,743 83	9,223 83	18,980 10
4,685 94	7,949 85	20 00	719 33	739 33	16,384 30
1,498 20	6,118 36	2,610 52	4,769 00	7,379 52	27,305 81
250 63	1,988 86	1,808 00	1,446 80	3,254 80	10,743 66
5,281 34	12,115 60	4,887 34	5,812 53	10,699 87	54,425 49
.....	.....	900 00	164 00	1,064 00	7,700 00
552 37	4,597 38	1,890 00	2,690 38	4,580 38	15,747 86
318 90	1,702 84	1,336 67	1,121 97	2,458 64	15,319 98
.....	5,655 20	1,200 00	70 40	1,270 40	9,629 73
.....
\$79,089 38	\$294,208 47	\$103,875 98	\$140,201 97	\$246,215 24	\$1,325,596 98
.....
.....	\$1,464 85	\$940 50	\$284 17	1,224 67	\$9,381 32
.....	.....	.....	.....	.....	4,522 07
\$ 770 62	2,369 79	1,400 00	539 59	\$1,939 59	10,240 56
515 25	1,169 25	200 00	594 64	794 64	5,552 44
.....
\$1,285 87	\$5,003 89	\$2,540 50	\$1,418 40	\$3,958 90	\$29,696 39

⁶Total includes \$58,274.32 undistributed expense.

⁷Total includes \$1,164.85 undistributed expense.

⁷Total includes \$4,522.07 undistributed expense.

TABLE I.—ELECTRIC
Income Account of Electric Plants Operating

No.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.		
				Taxes.	Interest.	Total.
CORPORATIONS.						
1	\$1,527 87		\$1,527 87	\$513 61	\$960 00	\$1,473 61
2	40,429 79	\$2,689 32	43,119 11	3,525 71	23,256 00	26,781 71
3	7,766 48	30 00	7,796 48	811 20	1,663 12	2,474 32
4	4,595 50		4,595 50	720 80		720 80
5	7,698 21		7,698 21	825 55	1,950 00	2,775 55
6	18,187 10		18,187 10	1,462 80	11,132 34	12,595 14
7	6,524 45		6,524 45	612 00	2,016 04	2,628 04
8	15,444 69		15,444 69	1,793 75	2,400 00	4,193 75
9	7,426 93	151 73	7,578 66	761 54		761 54
10	37,552 41		37,552 41	1,265 76	15,875 00	17,140 76
11	32,674 56		32,674 56	1,414 06	13,000 00	14,414 06
12	3,014 79		3,014 79	823 28	768 75	1,592 03
13	12,513 61		12,513 61	1,694 37	15,214 87	16,909 24
14	33,860 01		33,860 01	(1)	8,295 78	8,295 78
15	6,565 91	435 47	7,001 38	1,120 21	5,250 00	6,370 21
16	21,599 51	285 07	21,884 58	823 14	5,019 34	5,842 48
17	37,000 37		37,000 37	7,610 12	28,133 33	⁶ 42,343 45
18	59,155 18		59,155 18	3,812 76	19,204 72	23,017 48
19	11,823 92		11,823 92	985 70		¹ 1,285 70
20	9,244 96		9,244 96	897 44	1,401 65	2,299 09
21	6,663 96	243 04	6,907 00	468 13		468 13
22	11,249 50	3,050 00	14,299 50	802 02	2,901 77	3,703 79
23	310,815 78	47,455 65	358,271 43	36,088 22	114,572 74	150,660 96
24	60,955 05	51,922 08	112,877 13	7,294 41	65,893 89	73,188 30
25	23,226 72		23,226 72	203 30	5,862 54	⁷ 20,036 34
26	11,069 91		11,069 91			⁵ 5,000 00
27	² 171 30	155 69	¹ 15 61	258 62	25 00	283 62
28	3,676 08		3,676 08	217 31		217 31
29	43,491 30	3,222 55	46,713 85	3,595 70	14,528 09	⁴ 22,997 29
30	3,865 25		3,865 25	240 00	1,500 00	1,740 00
31	6,712 21		6,712 21	628 27	720 00	1,348 27
32	107,573 92	134 37	107,708 29	9,166 66	98,541 63	107,708 29
33	41,761 88		41,761 88	2,311 66	25,000 00	27,311 66
34	6,704 61	1,005 08	7,709 69	726 76	4,768 64	5,495 40
35	46,161 08		46,161 08	2,431 68	21,197 81	23,629 49
36	3,300 00		3,300 00			
37	12,358 40	1,003 62	13,362 02	490 46	5,499 96	5,990 42
38	329 41		329 41	595 50	1,800 00	2,395 50
39	44,429 83		44,429 83	2,570 20	3,614 67	⁶ 7,674 87
.....	\$1,118,779 84	\$111,783 67	\$1,230,563 51	\$99,562 70	\$521,967 68	³ \$653,764 38
MUNICIPAL PLANTS.						
1	\$6,799 43	\$1,817 86	\$8,617 29		\$5,885 25	\$5,885 25
2	⁹ 988 83		⁹ 988 83		607 60	607 60
3	3,047 14		3,047 14			
4	2,522 29		2,522 29		550 00	550 00
.....	\$11,380 03	\$1,817 86	\$13,197 89		\$7,042 85	\$7,042 85

¹ Taxes included in expenses of operation.

² Deficit.

³ Includes lease \$300.00.

⁴ Includes \$4,873.50 rents.

⁶ Includes \$1,490.00 rents.

PLANTS, 1907—Concluded.

in Cities of Over 5,000 Population—Concluded.

RESERVES.			Dividends.	Surplus or deficit.
Depreciation.	Other reserves.	Total.		
				\$54 26
\$3,525 71		\$3,525 71		12,811 69
				5,322 16
2,500 00	\$2,500 00	5,000 00		3,874 70
				277 34
			\$1,500 00	4,091 96
	3,440 84	3,440 84		455 57
	3,000 00	3,000 00		8,250 94
			6,000 00	817 12
			3,500 00	16,911 65
6,945 04		6,945 04		11,315 46
				1,422 76
				²⁴ 4,385 63
			9,600 00	15,964 23
				631 17
	4,912 19	4,912 19		11,129 91
¹⁰ 8,834 40		8,834 40		²⁵ 5,343 08
				27,303 30
				10,538 22
				6,945 87
2,754 96		2,754 96		3,683 91
3,200 00		3,200 00	2,480 00	4,915 71
60,147 04		60,147 04	162,000 00	²¹⁴ 536 57
10,941 63		10,941 63	30,000 00	²¹ 1,252 80
				3,190 38
				6,069 91
				299 23
				3,458 77
719 95		719 95		22,996 61
1,250 00		1,250 00		875 25
				5,363 94
				14,450 22
				2,214 29
17,500 00		17,500 00		5,031 59
				3,300 00
1,413 06		1,413 06		5,958 54
				²² 2,066 09
			15,000 00	21,754 96
\$119,731 79	\$13,853 03	\$133,584 82	\$230,080 00	\$213,134 31
				\$2,732 04
	\$7,980 00	\$7,980 00		²¹ 1,596 43
				²⁴ 4,932 86
				1,972 29
	\$7,980 00	\$7,980 00		² \$1,824 96

⁶ Includes lease \$6,600.00.

⁷ Includes \$11,208.30 rents, and \$2,762.20 "extraordinary expense.

⁸ Rent.

⁹ Total includes \$32,234.00 rents and miscellaneous fixed charges.

¹⁰ "Reconstruction" reserve.

TABLE II.—ELECTRIC
Income Account of Companies Operating in

No.	Municipalities.	Name of Company.	OPERATING	
			Public service.	Commercial service.
1	Albany	Albany Electric Light & Milling Co. ¹		
2	Alma.....	Alma Electric Light Co.....	\$580 00	\$2,867 79
3	Amery.....	Amery Electric Co.....	483 00	1,909 80
4	Amherst.....	B. E. Dwinell & Co. ¹	400 35	1,874 65
5	Athens.....	Athens Electric Light & Power Co.,	493 10	2,336 34
6	Augusta.....	J. L. Ball Electric Light Plant.....	977 00	2,109 00
7	Baldwin.....	Baldwin Electric Light & Fuel Co....	949 20	2,290 80
8	Bangor.....	Hussa Bros. ¹	921 30	1,527 34
9	Belleville.....	Belleville Mills & Electric Light Co. ¹	360 00	480 00
10	Birnamwood...	Birnamwood Electric Light Plant. ¹ ..	497 00	2,900 00
11	Bloomer.....	Martin Rasmus. ¹	420 00	2,400 00
12	Boyd.....	Chas Shong & Son. ¹	800 00	534 73
13	Brodhead.....	Brodhead Electric Co.....	1,056 00	4,874 74
14	Burlington.....	Burlington El. Lt. & Power Plant.....	1,494 00	9,591 53
15	Cashon.....	Cashon Milling Co. ¹	600 00	560 00
16	Chetek.....	Chetek Light & Power Co.....	554 37	1,581 60
17	Colfax.....	Colfax Mill & Power Plant. ¹	700 00	
18	Darlington.....	Darlington El. Lt. & Water Power Co		
19	Dodgeville.....	Dodgeville Electric Light & P. Co.....	1,590 00	4,050 00
20	Durand.....	Durand Light & Power Co.....	444 00	4,540 00
21	Edgerton.....	Edgerton Electric Light Co.....	1,596 00	7,227 42
22	Elkhart Lake....	Milwaukee & Fox Riv. Valley Ry. Co.	960 13	2,651 15
23	Ellsworth.....	Ellsworth Heat, Light & Power Co....	640 00	2,906 10
24	Fountain City...	Fountain City Light & Power Co.....	921 60	3,246 00
25	Frederick.....	Dahlberg Bros. ¹	590 00	1,582 00
26	Galesville.....	Davis Mill Co. ¹	363 60	3,136 40
27	Gays Mills.....	Atwood & Haggerty ¹	344 00	838 50
28	Glenwood.....	Glenwood & Downing Lt. & P. Co....	1,264 08	1,856 72
29	Hartford.....	Hartford Electric Co.....		5,437 50
30	Hudson.....	Burkhardt Milling, El. Lt. & P. Co. ¹	4,939 75	9,919 11
31	Iola.....	Frogner Bros. & Sons. ¹		
32	Iron River.....	Iron River Water, Lt. & Power Co....	860 00	6,119 89
33	Kewaskum.....	Kewaskum Electric Light Co. ¹		2,880 00
34	Ladysmith.....	Ladysmith Lighting Co.....	4,800 00	1,800 00
35	La Farge.....	La Farge Electric Co.....	444 00	1,049 99
36	Lake Geneva....	Equitable Electric Light Co.....	2,284 80	17,719 51
37	Lake Mills.....	Creamery Package Mfg. Co. ¹	840 00	4,160 00
38	Lancaster.....	Lancaster Electric Light Co. ¹	2,550 00	7,601 30
39	Manawa.....	Little Wolf River Lumber Co. ¹	216 00	1,980 00
40	Mauston.....	Mauston Electric Service Co.....		
41	Mayville.....	The Northwestern Iron Co. ¹	1,317 15	4,336 58
42	Medford.....	Medford Light and Heating Co.....	2,400 00	4,507 25
43	Mellen.....	Mellen Water & Light Co. ¹	808 00	3,273 05
44	Menomonee Falls	Menomonee Falls Electric Light Co..	1,080 00	1,300 67
45	Milwaukee.....	Railway Exchange Building Co. ¹		3,459 48
46	Mineral Point...	Mineral Pt. Electric Light Co. ¹	1,050 00	3,526 51
47	Mondovi.....	Mondovi Electric Light Plant.....		
48	Monroe.....	Monroe Electric Light & Power Co....	4,838 74	8,042 84
49	Montello.....	Montello Granite Co. ¹	875 00	2,575 00
50	Mt. Horeb.....	Mt. Horeb Electric Light Co.....	399 38	1,975 00

¹ Company principally engaged in a manufacturing business. Electric service an auxiliary product.

PLANTS.—1907.

Municipalities of Less Than 5,000 Population.

REVENUES.			OPERATING EXPENSES.			
Miscellaneous.	Deduct discounts, etc.	Total.	Generating.	Distributing.	General.	Total.
.....		\$2,735 00	\$735 00	.....	.....	\$735 00
.....		3,447 79	2,410 13	.....	\$883 09	3,293 22
.....	\$86 83	2,305 97	1,439 14	\$26 72	506 28	1,972 12
.....		2,275 00	505 00	30 00	40 00	575 00
\$130 49	2 32	2,957 61	1,319 74	176 96	219 43	1,716 13
375 55	.....	3,461 55	2,619 26	.....	300 00	2,919 26
.....	.....	3,240 00	2,422 00	47 53	.....	2,469 53
.....	22 17	2,426 47	1,934 53	27 79	279 69	2,242 01
80 00	.....	920 00	56 50	5 00	.....	61 50
.....	.....	3,397 00	2,815 00	70 00	.....	2,885 00
.....	.....	2,820 00	.....	.....	.....	1,242 00
427 20	.....	1,761 93	1,167 50	87 00	.....	1,254 50
.....	.....	5,930 74	2,110 00	922 00	468 00	3,500 00
.....	34 56	11,050 97	.....	.....	.....	5,813 40
940 00	.....	2,100 00	2,770 00	59 00	85 00	2,914 00
3 70	.....	2,139 67	490 75	112 00	967 50	1,570 25
160 00	.....	860 00	230 00	95 00	120 00	445 00
.....	.....	7,983 30	3,368 84	.....	1,188 60	4,577 44
.....	.....	5,640 00	4,146 50	.....	820 00	4,966 50
300 00	24 00	5,200 00	800 00	571 85	627 17	1,999 02
210 25	.....	9,033 67	3,969 97	941 31	511 81	5,423 09
.....	114 41	3,496 87	2,878 00	240 00	80 00	3,198 00
507 04	.....	4,053 14	2,263 83	675 00	158 97	3,097 80
.....	.....	4,167 60	2,735 36	360 00	910 00	4,005 36
.....	.....	2,172 00	1,625 00	295 00	210 00	2,130 00
.....	.....	3,500 00	.....	.....	.....	2,000 00
.....	.....	1,182 50	637 45	43 50	150 00	830 95
252 10	.....	3,372 90	3,029 98	325 00	46 50	3,401 48
.....	78 61	5,358 89	2,839 95	.....	500 00	3,339 95
.....	.....	14,858 86	6,276 03	3,860 00	727 80	10,863 83
.....	.....	1,865 55	.....	.....	.....	1,600 00
.....	.....	6,979 89	3,790 00	185 00	883 00	4,858 00
.....	.....	2,880 00	1,370 00	.....	1,500 00	2,870 00
.....	.....	6,600 00	1,125 00	1,125 00	1,876 00	4,126 00
.....	.....	1,493 99	1,073 82	.....	74 59	1,148 41
.....	461 54	19,542 77	6,661 79	2,446 30	2,642 48	11,750 57
.....	.....	5,000 00	2,460 50	1,560 00	.....	4,020 50
.....	.....	10,151 30	5,981 50	.....	1,434 37	7,415 87
.....	.....	2,196 00	1,200 00	120 00	300 00	1,620 00
.....	.....	6,606 75	.....	.....	.....	2,051 01
1,383 64	.....	7,037 37	7,587 97	.....	.....	7,587 97
.....	.....	6,907 25	4,702 75	1,040 00	247 50	5,990 25
1,945 80	.....	6,026 85	.....	.....	.....	4,313 00
.....	.....	2,380 67	1,900 00	.....	60 00	1,960 00
.....	.....	3,459 48	2,813 98	397 12	667 06	3,878 16
3,439 61	.....	8,016 12	4,553 56	.....	2,579 74	7,133 30
.....	.....	4,200 00	1,851 90	.....	60 00	1,911 95
7 00	.....	13,488 58	6,165 15	1,775 00	2,039 00	9,979 10
60 00	.....	3,510 00	615 00	50 00	15 00	680 00
75 00	.....	2,449 38	765 00	.....	27 00	792 00

TABLE II.—ELECTRIC

Income Account of Companies Operating in

No.	Municipality.	Name of Company.	OPERATING	
			Public service.	Commercial service.
51	Necedah	Necedah Milling & Electric Co ¹	\$636 00	\$3,035 33
52	Neillsville	Neillsville Electric & Water Supply Co	1,698 16	3,615 70
53	New Richmond..	New Richmond Power Co ²		3,284 39
54	North Freedom .	North Freedom Electric Light Co.	351 12	686 92
55	N'rth Milwaukee	North Milwaukee Light & Power Co..	2,409 45	3,789 30
56	Omro	Omro Electric Light Co.		
57	Pardeeville	Pardeeville Electric Light Plant.	432 00	1,358 85
58	Park Falls	Park Falls Water, Light & Power Co. .	1,668 66	7,521 07
59	Plainfield	Starks & Skeel ¹	1,200 00	1,200 00
60	Platteville	Platteville Electric Light & Power Co.	2,909 18	9,752 04
61	Prairie du Chien	Prairie City Electric Co.	2,121 12	6,845 93
62	Ripon	Ripon Light & Water Co.	4,408 00	4,860 39
63	Seymour	Seymour Electric Co.	745 00	2,851 00
64	Sheboygan Falls.	Sheboygan Falls Light & Power Co. ...	1,080 00	2,646 84
65	Soldiers Grove..	Soldiers Grove Electric Co.		
66	Sparta	O. I. Newton Sons Co ¹	3,369 98	14,168 58
67	Stanley	Northwestern Lumber Co. ¹	6,700 69	120 00
68	Viroqua	Viroqua Electric Light Co	4,420 40	6,035 00
69	Walworth	T. H. Windsor	1,200 00	3,977 85
70	Waterford	Waterford Electric Light Co. ¹	720 00	1,080 00
71	West Bend	West Bend Heating & Lighting Co ¹ ...	1,869 48	7,988 09
72	Westfield	Westfield Milling & Electric Light Co ¹	1,365 00	1,200 00
73	West Salem	Neshonoc Light & Power Co. ¹	900 00	2,200 00
74	Weyauwega	Weyauwega Electric Light Co	766 20	3,133 88
75	Whitewater	Whitewater Electric Light Co	3,761 94	9,211 83
76	Wittenberg	Viking Lumber Co. ¹	1,188 66	4,085 76
77	Wycocena	Duck Creek Light and Power Co	100 00	1,920 00
		Total	\$95,722 59	\$268,685 04

¹ Company principally engaged in the manufacturing business. Electric service an auxiliary product.

² In operation six months.

PLANTS, 1907.—Continued.

Municipalities of Less Than 5,000 Population.

REVENUES.			OPERATING EXPENSES.			
Miscellaneous.	Deduct discounts, etc.	Total operating revenue.	Generating.	Distributing.	General.	Total operating expenses.
\$300 00		\$3,971 33	\$2,370 00	\$8 00	\$623 50	\$3,001 50
		5,313 86				5,590 51
		3,284 39	2,945 93	40 00		2,985 93
		1,038 04	1,156 50		63 00	1,219 50
766 11		6,944 86				5,495 25
		3,466 24	1,975 15	49 16	606 22	2,630 53
		1,790 85	1,797 00	86 16	18 50	1,901 66
	\$301 23	8,888 50	5,971 18	1,473 13	1,181 36	8,625 67
		2,400 00				1,805 00
2,870 79		15,532 01	9,992 74	2,342 25	1,709 30	14,044 29
		8,967 05	6,589 57	925 05	1,685 55	9,200 17
	743 97	8,524 42	4,076 24	459 69	1,517 70	6,053 63
		3,596 00	2,323 00	196 00	68 00	2,587 00
400 00		4,126 84	3,128 00	400 00	900 00	4,428 00
		2,174 05	925 05		700 00	1,625 05
4,274 76	375 84	21,437 48	2,118 94	1,872 09	7,305 65	11,296 68
492 24		7,312 93	2,015 00	800 00	600 00	3,415 00
		10,455 40	7,383 29	185 06	2,006 67	9,575 02
11 60		5,189 45	4,219 71	947 00	7 03	5,173 74
		1,800 00				780 00
1,188 15	3,040 87	8,004 85	3,995 65	1,376 89	1,000 00	6,372 54
		2,565 00	950 00	420 00	130 00	1,500 00
		3,100 00	1,100 00	150 00	120 00	1,370 00
		3,900 08	1,125 00		197 56	1,322 56
		12,973 77	5,153 83		3,128 19	8,282 02
		5,274 42	700 00	88 00	2,203 53	2,991 53
75 00		2,035 00	974 25	50 00	15 00	1,039 25
\$20,676 03	\$5,286 35	\$2408,828 20	\$185,219 41	\$29,537 56	\$49,992 32	*\$295,439 46

³ Total contains \$29,030.89 undistributed revenue.

⁴ Total contains \$30,690.17 undistributed expense.

TABLE II.—ELECTRIC
Income Account of Companies Operating

No.	Net operating revenue or deficit.	Income from sources other than operation.	Gross ¹ income or deficit.	FIXED CHARGES.		
				Taxes.	Interest.	Total.
1	\$2,000 00		\$2,000 00	\$175 00		\$175 00
2	154 57		154 57	42 37		42 37
3	333 85	\$121 60	455 45	29 10	\$420 00	449 10
4	1,700 00		1,700 00	40 00		40 00
5	1,241 48	78 42	1,319 90	52 91	450 00	502 91
6	542 29		542 29	170 10	360 00	530 10
7	770 47		770 47	64 26		64 26
8	184 46	146 50	330 96	133 18	60 00	193 18
9	858 50		858 50	20 00		20 00
10	512 00		512 00			
11	1,578 00		1,578 00	137 00		137 00
12	507 43		507 43			
13	2,430 74		2,430 74	106 87		106 87
14	5,237 57		5,237 57	142 98	108 77	251 75
15	814 00		814 00	79 00	100 00	179 00
16	569 42		569 42	57 85	90 00	2647 85
17	415 00		415 00			
18	3,405 86		3,405 86	178 71		178 71
19	673 50		673 50		673 50	673 50
20	3,260 98		3,260 98	250 43	124 64	381 07
21	3,610 58		3,610 58			
22	298 87		298 87			
23	955 34		955 34		154 85	204 85
24	162 24		162 24			
25	42 00		42 00	75 00		75 00
26	1,500 00		1,500 00			
27	351 55	25 00	376 55	17 60	120 00	197 60
28	128 58		128 58	46 26		46 26
29	2,018 94		2,018 94	46 20		46 20
30	3,995 03		3,995 03	485 54		485 54
31	265 55		265 55			
32	2,121 89		2,121 89	1,341 89	780 00	2,121 89
33	10 00		10 00			
34	2,474 00		2,474 00	137 78		137 78
35	345 58		345 58			
36	7,792 20	337 44	8,129 64	317 23	321 92	1,989 15
37	979 50		979 50	55 00		55 00
38	2,735 43		2,735 43	137 40	650 00	787 40
39	576 00		576 00	50 00		50 00
40	4,555 74		4,555 74			
41	1550 60		1550 60	60 20		60 20
42	917 00		917 00	161 94	158 35	320 29
43	1,713 85		1,713 85	250 00	1,120 00	1,370 00
44	420 67		420 67			
45	1418 68		1418 68	50 00		50 00
46	882 82	2,646 16	3,528 98	125 00	600 00	725 00
47	2,288 10		2,288 10	65 34		65 34
48	3,509 43		3,509 43	309 06	325 00	634 06
49	2,830 00		2,830 00			
50	1,657 38		1,657 38	26 58	16 00	42 58

¹ Deficit.² Includes \$500 lease of water power.³ Includes \$50 lease.⁴ Includes \$60 lease of water power.

PLANTS, 1907—Continued.
in Municipalities of Less Than 5,000 Population.

RESERVES.			Dividends.	Surplus or deficit.
Depreciation.	Other reserves.	Total.		
				\$1,825 00
				112 20
				6 35
				1,660 00
				816 99
				12 19
				706 21
				137 78
				838 50
				512 00
				1,441 00
				507 43
				2,323 87
	\$1,792 12	\$1,792 12	\$2,500 00	393 70
				2,993 00
\$500 00		500 00		2578 43
				415 00
				3,227 15
				2,879 91
			2,093 10	1,517 48
				298 87
				750 49
				162 24
				233 00
	100 00	100 00		1,500 00
				78 85
				274 84
				1,972 74
				3,509 49
				265 55
				10 00
			345 58	2,336 22
				6,140 49
	1,227 97	1,227 97		924 50
				720 06
				526 00
				4,555 74
			600 00	2610 80
				23 29
				343 85
				420 67
				2468 08
				2,803 08
				2,222 76
			1,500 00	1,375 37
				2,830 00
				1,614 80

⁶ Includes \$1,350 lease.

¹ Suspense account.

² Deficit.

TABLE II.—ELECTRIC
Income Account of Companies Operating in

No.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.		
				Taxes.	Interest.	Total.
51	969 83	.....	969 83	120 00	.....	120 00
52	¹ 276 65	.....	¹ 276 65	164 24	.....	164 24
53	298 46	.....	298 46	65 00	.....	65 00
54	¹ 2181 46	\$13 35	¹ 168 11	55 54	60 00	115 54
55	1,449 61	.....	1,449 61	132 36	600 00	732 36
56	835 71	.....	835 71	106 35	114 46	220 81
57	¹ 110 81	.....	¹ 110 81	80 00	.....	80 00
58	262 83	.....	262 83	34 98	351 85	386 83
59	595 00	.....	595 00	216 00	.....	216 00
60	1,487 72	.....	1,487 72	231 65	613 45	845 10
61	¹ 233 12	.....	¹ 233 12	167 95	219 75	387 70
62	2,470 79	76 98	2,547 77	155 75	446 11	601 86
63	1,009 00	.....	1,009 00	84 00	135 00	344 00
64	¹ 301 16	.....	¹ 301 16	.....	.....	.....
65	549 00	.....	549 00	48 50	.....	48 50
66	10,140 80	.....	10,140 80	509 56	3,900 00	4,409 56
67	3,897 93	.....	3,897 93	175 00	25 00	200 00
68	880 38	.....	880 38	219 80	.....	219 80
69	15 71	.....	15 71	25 82	183 21	209 03
70	1,020 00	.....	1,020 00	.....	.....	.....
71	1,632 31	.....	1,632 31	104 02	.....	104 02
72	1,065 00	100 00	1,165 00	30 00	.....	30 00
73	1,730 00	.....	1,730 00	309 00	.....	300 00
74	2,577 52	.....	2,577 52	104 04	.....	104 04
75	4,691 75	.....	4,691 75	437 73	90 00	527 73
76	2,282 89	.....	2,282 89	.....	91 75	91 75
77	1,055 75	482 00	1,537 75	86 39	15 75	102 14
	\$113,333 74	\$4,027 45	\$117,416 19	\$9,098 46	\$13,479 36	\$24,762 82

¹ Deficit.² In operation six months.

PLANTS, 1907—Concluded.
Municipalities of Less Than 5,000 Population.

RESERVES.			Dividends.	Surplus or deficit.
Depreciation.	Other reserves.	Total.		
.....	849 83
.....	¹ 440 89
.....	233 46
.....	² 283 65
.....	717 25
.....	614 90
.....	¹ 190 81
238 18	562 18	800 36	200 00	¹ 1,124 36
.....	379 00
.....	642 62
.....
.....	1,013 25	¹ 1,634 07
.....	557 15	1,388 76
.....	565 00
.....	¹ 301 16
.....	500 50	.....
3,000 00	500 00	3,500 00	.....	2,231 24
.....	3,697 93
.....	660 58
.....	¹ 193 32
.....	1,020 00
.....
.....	1,528 29
.....	1,135 00
.....	1,430 00
.....
.....	2,400 00	73 48
.....	3,599 72	564 30
.....
.....	2,191 14
.....	1,435 61
\$3,738 18	\$4,182 27	\$7,920 45	\$15,309 30	\$69,423 62

³ Includes \$225 rent.

⁴ Total includes \$2,185.00 miscellaneous fixed charges.

TABLE III.—ELECTRIC
Income Account of Municipal Plants Operating

No.	Municipality.	OPERATING REVENUES.				Total.
		Public service.	Com- mercial service.	Mis- cellaneous income.	Deduct discounts, etc.	
1	Algoma ¹	\$2,172 00	\$3,350 14			\$5,522 14
2	Arcadia ¹	781 57	2,662 56	\$293 80		3,737 93
3	Barron.....		3,553 62			3,553 62
4	Bayfield ¹	1,200 00	7,285 84			8,485 84
5	Black River Falls ¹	1,904 99	4,078 86			5,983 85
6	Blair.....	1,800 00				1,800 00
7	Boscobel.....					3,215 94
8	Cedarburg.....	1,591 68	4,282 58	118 16		5,992 42
9	Clintonville.....	1,731 70	4,772 95	2,296 04	\$5 84	8,794 85
10	Columbus ¹	2,250 00	5,158 64			7,408 64
11	Cuba City ¹		903 00			903 00
12	Cumberland.....		3,118 62			3,118 62
13	Elkhorn ^{1 2}	3,060 00	5,532 84			8,592 84
14	Elroy ¹		3,978 00	400 00		4,378 00
15	Evansville ¹	2,500 00	5,593 56	314 22		8,407 78
16	Fennimore ¹	1,319 00	5,146 50			6,465 50
17	Ft. Atkinson ¹	1,734 96	17,482 83			19,217 79
18	Grantsburg.....	780 00	2,792 28			3,572 28
19	Independence.....		1,607 00	700 00		2,307 00
20	Jefferson ¹	1,580 00	6,072 71	480 00		8,132 71
21	Kilbourn.....		2,005 44			2,005 44
22	Mazomanie ¹	660 00	1,844 44			2,504 44
23	Monticello.....	1,000 00	1,350 00			2,350 00
24	New Glarus.....	1,100 00	1,200 00			2,300 00
25	New London ¹	2,518 02	3,782 84			6,300 86
26	New Richmond ¹		6,364 37			6,364 37
27	Oconomowoc ¹	4,737 72	10,240 51		749 31	14,228 92
28	Plymouth ¹					15,280 00
29	Port Washington ³	2,857 50	7,280 00			10,137 50
30	Princeton.....	1,000 00	3,423 84			4,423 84
31	Randolph.....	1,200 00	2,145 93	329 57		3,675 50
32	Rice Lake ¹	2,600 00	6,613 75			9,213 75
33	Richland Center ¹	3,867 00	6,833 49			10,700 49
34	River Falls ¹		7,556 00			7,556 00
35	Sauk City.....	600 00	1,683 89			2,283 89
36	Shell Lake ¹		1,486 80			1,486 80
37	Spooner ¹		3,860 05	151 65		4,011 70
38	Spring Green.....	900 00	2,530 00			3,430 00
39	Stoughton ¹	3,189 25	9,813 27			13,002 52
40	Waupun ¹	1,380 00	6,175 83	376 90		7,932 73
41	Westby ¹	610 00	3,000 00			3,610 00
	Total.....	\$52,625 39	\$176,562 98	\$5,460 34	\$755 15	\$252,389 50

¹ Municipality also furnishes water service.² Report covers period of 15 months.³ Municipal plant operated on a two-year lease by the Wisconsin Chair Co.⁴ Total includes items of \$18,495.94 undistributed revenue.

PLANTS, 1907.

in Municipalities of Less Than 5,000 Population.

OPERATING EXPENSES.				Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	In-terest.	Re-serves.	Surplus or deficit.
Gen-erating.	Distri-bution.	General.	Total.						
\$3,542 99	\$159 73	\$1,039 93	\$4,742 65	\$779 49		\$779 49	\$1,950 00		\$1,170 51
2,751 06	31 37	378 55	3,160 98	576 95		576 95			576 95
4,560 71	2,345 33	344 93	7,250 97	1,377 32		1,377 32		\$1,487 06	7109 74
2,550 44	568 80	361 37	3,480 61	2,503 24		1,234 87	160 00	400 00	674 87
1,830 00	4 00		1,834 00	734 00		2,503 24	423 63		2,079 61
3,630 00	225 00	300 00	4,155 00	7939 06		734 00			734 00
5,515 90		196 52	5,712 42	280 00		7939 06	250 00		71,189 06
4,922 79	260 75	2,126 32	7,309 86	1,484 99	\$20 79	280 00	280 00		
4,224 17	1,373 76	521 43	6,119 36	1,289 28		1,505 78	400 00		1,105 78
1,973 00		50 00	2,023 00	71,120 00		1,289 28	1,105 00		184 28
			4,513 00	71,394 38		71,120 00	300 00		71,420 00
5,240 40		288 00	5,528 40	3,064 44		71,394 38			71,394 38
5,418 00	443 00	200 00	6,061 00	71,683 00		3,064 44	750 00	1,050 00	1,264 44
5,646 73	1,635 49	565 71	7,847 93	559 85		71,683 00	500 00		72,183 00
2,300 00	2,200 00	2,200 00	6,700 00	7234 50		559 85	441 52		118 33
8,855 44		859 55	9,714 99	9,502 80		7234 50	637 50		7872 00
2,941 72	140 00	111 00	3,192 72	379 56	22 85	9,502 80	1,725 62		7,777 18
2,222 00		50 00	2,272 00	35 00		402 41	400 00		2 41
5,357 01	340 14	222 70	6,119 85	2,012 86		35 00			35 00
2,514 01			2,514 01	7508 57		2,012 86	1,570 00		442 86
2,396 55	32 87	38 96	2,468 38	36 06		7508 57	200 00		7708 57
1,750 00	200 00	550 00	2,500 00	7150 00		36 06	161 23		7125 17
1,455 00	510 00	60 00	2,025 00	275 00		7150 00	425 00		7575 00
3,034 71	323 39	950 00	4,308 10	1,992 76		275 00	580 00		7305 00
6,099 96	2,018 29	43 25	8,161 50	71,797 13		1,992 76	262 53		1,730 23
5,170 00	2,464 51	900 00	8,534 51	5,694 41		71,797 13			71,797 13
5,683 34	180 09	126 00	5,989 43	9,290 57		5,694 41	880 00		4,814 41
5,300 00	735 00	1,205 00	7,240 00	2,897 50	1,018 00	9,290 57	2,156 00		7,134 57
806 99	30 75	1,157 50	1,995 24	2,428 60		3,915 50	1,004 80		8900 00
2,976 76	828 33	110 10	3,915 19	7239 69		2,428 60	360 00		2,068 60
11,060 17	450 00	600 00	12,110 17	72,896 42		7239 69	380 00		7619 69
5,728 47	561 45	318 61	6,608 53	4,091 96		72,896 42			72,896 42
1,564 62	1,142 19	1,526 93	4,233 74	3,322 26	72 00	4,091 96	2,960 00		1,131 96
1,763 25			1,763 25	520 64		3,394 26	640 00	1,500 00	1,254 26
			1,138 90	347 90		520 64			520 64
1,020 76	161 00	1,002 51	2,184 27	1,827 43		347 90	173 00		174 90
3,656 53	3,583 13	73 40	7,313 06	73,883 06	50 00	1,827 43	300 00		1,827 43
5,336 69	2,203 67	1,225 05	8,765 41	4,237 11		73,883 06	809 35		74,133 06
			5,907 69	2,025 04		4,237 11	300 00		3,427 76
2,430 00	114 00	135 00	2,679 00	931 00		2,025 04			1,725 04
143,230 17	\$25,466 04	\$19,838 32	\$202,270 42	\$50,119 08	\$1,183 64	\$51,302 72	\$22,485 18	\$4,437 06	\$22,369 78

⁵ Power purchased.

⁶ Total includes items of \$13,735.89 undistributed expense.

⁷ Deficit.

⁸ Includes deduction of \$2,010.70 for dividends.

TABLE IV.—ELECTRIC PLANTS, 1907.
 Ratios of Operating Expenses and Earnings of all Electric Companies.

No.	LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percent- age of operating expenses to operating revenues.
			Generat- ing.	Distri- bution.	General.	Total.	
1	Albany	Albany Elec. Light & Milling Co.....	100.00			100.00	26.87
2	Algoma	Algoma City Water & Light Plant.....	74.72	3.36	21.92	100.00	85.89
3	Alma	Alma Elec. Light Plant.....	73.18		26.82	100.00	95.54
4	Amery	Amery Electric Co.....	72.98	1.35	25.67	100.00	85.52
5	Amherst	B. E. Dwindell & Co.....	87.83	5.22	6.95	100.00	25.28
6	Antigo	Antigo Electric Light Co.....				100.00	93.88
7	Appleton	Wis. Trac. Light, Heat & Power Co.....	37.38	36.76	25.86	100.00	41.84
8	Arcadia	Arcadia Elec. Light & Power Plant.....	87.03	.99	11.98	100.00	84.56
9	Ashland	Ashland Light, Power & Street Ry. Co.....	60.43	23.37	16.20	100.00	72.30
10	Athens	Athens Elec. Light & Power Co.....	76.89	10.32	12.79	100.00	58.03
11	Augusta	J. L. Ball Elec. Light Plant.....	89.72		10.28	100.00	84.34
12	Baldwin	Baldwin Elec. Light & Fuel Co.....	98.08	1.92		100.00	76.22
13	Bangor	Hussa Bros. Light & Power Plant.....	86.29	1.24	12.47	100.00	92.40
14	Baraboo	Baraboo Lighting Co.....	72.76	13.62	13.62	100.00	58.99
15	Barron	Barron Munic. Light Plant.....				100.00	61.24
16	Bayfield	Bayfield Munic. Light Plant.....	62.90	32.34	4.76	100.00	85.46
17	Beaver Dam	Beaver Dam Illuminating Co.....	60.72	13.70	25.58	100.00	61.48
18	Belleville	Belleville Mills & Elec. Light Plant.....	91.87	8.13		100.00	6.68
19	Beloit	Beloit Water, Gas & Elec. Co.....	60.75	11.75	27.50	100.00	57.37
20	Berlin	Berlin Lighting, Heating & Power Co.....	80.82	7.14	12.04	100.00	76.94
21	Birnamwood	Birnamwood Elec. Light Plant.....	97.57	2.43		100.00	84.93
22	Black River Falls	Black River Falls Munic. Elec. Plant.....	73.28	16.34	10.38	100.00	58.18
23	Blair	Blair Elec. Light & Pumping Station.....	99.78	.22		100.00	101.89
24	Bloomer	Martin Rasmus Elec. Light Plant.....				100.00	44.04
25	Boscobel	Boscobel Elec. Light & Power Co.....	87.36	5.42	7.22	100.00	129.20

26	Boyd	Chas. Shong & Son	93.06	6.94		100.00	71.20
27	Brodhead	Brodhead Elec. Co.	60.29	26.34	13.37	100.00	59.01
28	Burlington	Burlington Elec. Light & Power Co.				100.00	52.60
29	Cashton	Cashton Milling Co.	95.06	2.02	2.92	100.00	183.76
30	Cedarburg	Cedarburg Elec. Light Plant	96.56		3.44	100.00	95.33
31	Chetek	Chetek Light & Power Co.	31.25	7.14	61.61	100.00	73.39
32	Chippewa Falls	Chippewa Falls Water Works & Lighting Co.	27.95	57.15	14.90	100.00	48.16
33	Clintonville	Clintonville Elec. Light Plant	67.35	3.56	29.09	100.00	88.12
34	Colfax	Colfax Mill & Power Plant	51.68	21.35	26.97	100.00	51.74
35	Columbus	Columbus Water Works & Lighting Plant	69.08	22.45	8.52	100.00	82.58
36	Cuba City	Cuba City Elec. Light Plant	97.53		2.47	100.00	224.00
37	Cumberland	Cumberland Munic. Lighting Plant				100.00	144.70
38	Darlington	Darlington Elec. Light & Water Co.	83.49		16.51	100.00	57.34
39	De Pere	De Pere Elec. Light & Power Co.	47.85	46.66	5.49	100.00	50.32
40	Dodgeville	Dodgeville Elec. Light & Power Co.	83.49		16.51	100.00	88.06
41	Durand	Durand Light & Power Co.	40.02	28.61	31.37	100.00	38.00
42	Eau Claire	Chippewa Valley Ry. Light & Power Co.	36.48	34.36	29.16	100.00	25.46
43	Edgerton	Edgerton Elec. Light Co.	73.19	17.37	9.44	100.00	60.03
44	Elkhart Lake	Milwaukee & Fox River Valley Ry. Co.	90.00	7.50	2.50	100.00	91.46
45	Elkhorn	Elkhorn Light & Power Co.	94.30		5.20	100.00	64.34
46	Ellsworth	Ellsworth Heat, Light & Power Co.	73.08	21.79	5.13	100.00	76.43
47	Elroy	Elroy Munic. Light & Water Works Plant	89.40	7.30	3.30	100.00	138.40
48	Evansville	Evansville Water & Light Department	71.96	20.84	7.20	100.00	98.34
49	Fennimore	Fennimore Munic. Elec. Light Plant	34.32	32.84	32.84	100.00	103.63
50	Fond du Lac	Eastern Wis. Ry. & Light Co.	49.71	31.55	18.74	100.00	52.95
51	Fort Atkinson	Fort Atkinson Light & Water Department	91.16		8.81	100.00	50.55
52	Fountain City	Fountain City Light & Power Co.	68.29	8.99	22.72	100.00	96.10
53	Frederick	Dahlberg Bros.	76.29	13.85	9.86	100.00	93.06
54	Galesville	Davis Mill Co.				100.00	57.14
55	Gays Mills	Atwood & Haggerty	76.72	5.23	18.05	100.00	70.27
56	Glenwood	Glenwood & Downing Light & Power Co.	89.07	9.56	1.37	100.00	100.85
57	Grand Rapids	Grand Rapids Elec. & Water Co.	89.34		10.66	100.00	87.42
58	Grantsburg	Grantsburg Munic. Elec. Light Plant	92.14	4.33	3.43	100.00	89.38
59	Green Bay	Green Bay Gas & Elec. Co.	56.28	19.56	24.16	100.00	70.37
60	Hartford	Hartford Elec. Co.	85.04		14.96	100.00	62.33
61	Hudson	Burkhardt Milling Elec. Light & Power Co.	57.78	35.33	6.69	100.00	73.12

TABLE IV.—ELECTRIC PLANTS, 1907.—Continued.
Ratios of Operating Expenses and Earnings of all Electric Companies.

No.	LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percent- age of operating expenses to operating revenues.
			Generat- ing.	Distri- bution.	General.	Total.	
62	Independence	Independence Munic. Elec. Light Plant.....	97.80	2.20	.....	100.00	98.48
63	Iola	Frogner Bros. & Son.....	.....	.....	.....	100.00	85.77
64	Iron River	Iron River Water, Light & Power Co.....	78.01	3.81	18.18	100.00	69.60
65	Janesville	Janesville Elec. Co.....	.....	.....	.....	100.00	50.69
66	Jefferson	Jefferson Munic. Light Plant.....	87.54	3.82	3.64	100.00	75.24
67	Kaukauna	Kaukauna Gas, Elec. Light & Power Co.....	45.41	18.60	35.99	100.00	58.62
68	Kenosha	Kenosha Gas & Elec. Co.....	71.08	13.54	15.38	100.00	54.82
69	Kewaskum	Kewaskum Elec. Light Co.....	92.84	.....	7.66	100.00	99.65
70	Kilbourn	Kilbourn Munic. Elec. Light Plant.....	100.00	.....	.....	100.00	125.86
71	La Crosse	La Crosse Gas & Elec. Co.....	71.56	12.59	15.85	100.00	75.11
72	Ladysmith	Ladysmith Lighting Co.....	27.23	27.26	45.48	100.00	62.52
73	La Farge	La Farge Elec. Co.....	93.50	.....	6.50	100.00	76.87
74	Lake Geneva	Equitable Elec. Light Co.....	56.69	20.82	22.49	100.00	60.14
75	Lake Mills	Creamery Package Mfg. Co.....	61.20	38.80	.....	100.00	80.41
76	Lancaster	Lancaster Elec. Light Co.....	80.66	.....	19.34	100.00	73.05
77	Madison	Madison Gas & Elec. Co.....	64.46	19.00	16.54	100.00	68.25
78	Manawa	Little Wolf River Lumber Co.....	74.08	7.40	18.52	100.00	73.75
79	Manitowoc	Manitowoc Elec. Light Co.....	69.38	14.29	16.33	100.00	64.44
80	Marinette	Menominee & Marinette Light & Traction Co.....	58.26	27.09	14.65	100.00	74.25
81	Marshfield	Marshfield Water, Elec. Light & Power Co.....	71.33	15.62	13.05	100.00	57.97
82	Mauston	Mauston Elec. Service Co.....	.....	.....	.....	100.00	31.04
83	Mayville	Northwestern Iron Co.....	100.00	.....	.....	100.00	107.82
84	Mazomanie	Mazomanie Munic. Light & Heating Co.....	97.10	1.33	1.57	100.00	98.56
85	Medford	Medford Light & Heating Co.....	78.51	17.36	4.13	100.00	86.72
86	Mellen	Mellen Water & Light Co.....	.....	.....	.....	100.00	71.56

87	Menasha	Menasha Munic. Elec. Light Plant.....				100.00	127.99
88	Menomonee Falls	Menomonee Falls Elec. Light Co.....	96.94		3.06	100.00	82.33
89	Menomonie	Menomonie Elec. Light & Power Co.....	39.30	25.53	35.17	100.00	50.43
90	Merrill	Merrill Ry. & Lighting Co.....	30.32	51.18	18.50	100.00	43.51
91	Milwaukee	The Milwaukee Elec. Ry. & Light Co.....	46.66	31.63	21.66	100.00	43.32
92	Milwaukee	Milwaukee Light, Heat & Traction Co.....	45.55	32.89	21.56	100.00	49.86
93	Milwaukee	Plankinton Elec. Light & Power Co.....	86.90	2.90	10.20	100.00	65.87
94	Milwaukee	Railway Exchange Building Co.....	73.56	10.24	17.20	100.00	112.10
95	Milwaukee	Wells Power Co.....	72.86	13.11	14.03	100.00	80.30
96	Mineral Point	Mineral Point Elec. Light Co.....	63.84		36.16	100.00	83.99
97	Mondovi	Mondovi Elec. Light Plant.....	96.86		3.14	100.00	45.52
98	Monroe	Monroe Elec. Light & Power Co.....	61.78	17.79	20.43	100.00	73.98
99	Montello	Montello Granite Co.....	90.44	7.35	2.21	100.00	19.37
100	Monticello	Monticello Munic. Elec. Light Plant.....	70.00	8.00	22.00	100.00	106.40
101	Mt. Horeb	Mt. Horeb Elec. Light Co.....	96.59		3.41	100.00	32.34
102	Necedah	Necedah Milling & Elec. Co.....	78.96	.27	20.77	100.00	75.58
103	Neillsville	Neillsville Elec. Light & Power Co.....				100.00	105.21
104	New Glarus	New Glarus Elec. Light & Power Co.....	71.86	25.18	2.96	100.00	88.04
105	New London	New London Elec. Light & Water Works.....	70.45	7.50	22.05	100.00	63.36
106	New Richmond	New Richmond Munic. Light & Water Plant.....	74.74		.53	100.00	123.24
107	New Richmond	New Richmond Power Co.....	98.66	1.34		100.00	90.91
108	North Freedom	North Freedom Elec. Light Co.....	94.84		5.16	100.00	117.47
109	North Milwaukee	North Milwaukee Light & Power Co.....				100.00	79.13
110	Oconomowoc	Oconomowoc Munic. Light Department.....	60.58	23.88	10.54	100.00	59.98
111	Oconto	Oconto Elec. Co.....	71.96	3.17	24.87	100.00	102.60
112	Oconto	People's Land & Manufacturing Co.....	59.18		40.82	100.00	50.97
113	Omro	Omro Elec. Light Co.....	75.09	1.87	23.04	100.00	75.89
114	Oshkosh	Oshkosh Gas Light Co.....	60.86	22.98	16.16	100.00	55.04
115	Pardeeville	Pardeeville Elec. Light Plant.....	94.50	4.53	.97	100.00	106.19
116	Park Falls	Park Falls Water, Light & Power Co.....	69.23	17.03	13.69	100.00	97.04
117	Plainfield	Starks & Skeel.....				100.00	75.21
118	Platteville	Platteville Elec. Light & Power Co.....	71.16	16.67	12.17	100.00	90.42
119	Plymouth	Plymouth Munic. Elec. Light Plant.....	94.90	3.00	2.10	100.00	39.20
120	Portage	Portage Elec. Light Co.....	69.76	8.19	22.05	100.00	71.13
121	Port Washington	Wisconsin Chair Co.....	73.21	10.15	16.64	100.00	71.42

TABLE IV.—ELECTRIC PLANTS, 1907.—Concluded.
Ratios of Operating Expenses and Earnings of all Electric Companies.

No.	LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percent- age of operating expenses to operating revenues.
			Generat- ing.	Distri- bution.	General.	Total.	
122	Prairie du Chien	Prairie City Elec. Light Co.....	71.62	10.06	13.32	100.00	102.60
123	Princeton	Princeton Munic. Light Department.....	40.45	1.54	53.01	100.00	45.11
124	Randolph	Randolph Munic. Elec. Light Plant.....	76.04	21.15	2.81	100.00	106.51
125	Rhineland	Rhineland Lighting Co.....	26.86	24.55	43.59	100.00	73.83
126	Rice Lake	Rice Lake Munic. Elec. Light Plant.....	91.33	3.72	4.95	100.00	131.50
127	Richland Center	Richland Center Munic. Elec. Light Plant.....	86.69	8.49	4.32	100.00	61.76
128	Ripon	Ripon Light & Water Co.....	67.34	7.59	25.07	100.00	71.01
129	River Falls	River Falls Munic. Elec. Light Plant.....	36.96	26.97	36.07	100.00	56.03
130	St. Croix Falls	Minnesota Improvement Co.....	46.97	43.52	4.51	100.00	13.22
131	Sauk City	Sauk City Munic. Elec. Light Plant.....	100.00			100.00	77.20
132	Seymour	Seymour Elec. Co.....	89.80	7.57	2.63	100.00	71.94
133	Sheboygan	Sheboygan Light, Power & Ry. Co.....	50.55	22.42	97.03	100.00	39.53
134	Sheboygan Falls	Falls Light & Power Co.....	70.64	9.03	20.33	100.00	107.30
135	Shell Lake	Shell Lake Munic. Water & Light Plant.....				100.00	76.00
136	Soldiers Grove	Soldiers Grove Elec. Co.....	56.92		43.08	100.00	74.75
137	Sparta	O. I. Newtons Sons Co.....	18.76	16.57	64.67	100.00	52.70
138	Spooner	Spooner Munic. Water & Light Plant.....	46.76	7.37	45.37	100.00	54.45
139	Spring Green	Spring Green Munic. Elec. Light Plant.....	50.00	49.00	1.00	100.00	213.20
140	Stanley	Northwestern Lumber Co.....	59.00	23.43	17.57	100.00	46.70
141	Stevens Point	Stevens Point Lighting Co.....	51.20	18.51	30.29	100.00	61.55
142	Stoughton	Stoughton Munic. Elec. Light System.....	60.89	25.14	13.97	100.00	67.42
143	Sturgeon Bay	Sturgeon Bay Municipal Elec. Light Plant.....	57.92	23.14	13.94	100.00	77.07
144	Superior	Superior Water, Light & Power Co.....	38.08		19.66	100.00	54.11
145	Two Rivers	Two Rivers Munic. Water & Light Plant.....	64.63	21.06	14.31	100.00	31.23
146	Viroqua	Viroqua Elec. Light Co.....	77.11	1.93	20.96	100.00	91.53

147	Walworth	T. H. Windsor	81.56	18.30	.14	100.00	99.70
148	Washburn	Washburn Elec. Light & Power Co.....	86.18		13.82	100.00	70.00
149	Waterford	Waterford Elec. Light Co.....				100.00	43.33
150	Watertown	Watertown Gas & Elec. Co.....	41.72	29.19	29.09	100.00	56.03
151	Waukesha	Waukesha Gas & Elec. Co.....	72.45	11.50	16.05	100.00	97.89
152	Waupun	Waupun Munic. Light Plant.....				100.00	74.47
153	Wausau	Wausau Electric Co.....	28.08	58.73	13.19	100.00	17.81
154	West Bend	West Bend Heating & Lighting Co.....	62.70	21.61	15.69	100.00	79.61
155	Westby	Westby Munic. Light Plant.....	90.70	4.26	5.04	100.00	74.21
156	Westfield	Westfield Milling & Elec. Light Co.....	63.33	28.00	8.67	100.00	58.48
157	West Salem	Neshonoc Light & Power Co.....	90.29	10.95	8.76	100.00	44.19
158	Weyauwega	Weyauwega Elec. Light Co.....	85.06		14.94	100.00	33.91
159	Whitewater	Whitewater Elec. Light Co.....	62.70	21.61	15.69	100.00	79.61
160	Wittenberg	Viking Lumber Co.....	23.40	2.94	73.66	100.00	56.72
161	Wyocena	Duck Creek Light & Power Co.....	93.76	4.31	1.43	100.00	49.61

TABLE V.—ELECTRIC
Balance Sheet of Plants Operating in

CITY.	NAME.
CORPORATIONS.	
Antigo	Antigo Electric Light Co.
Appleton	Wisconsin Traction, Light, Heat & Power Co.
Ashland	Ashland Light, Power & St. Ry. Co.
Baraboo	Baraboo Lighting Co.
Beaver Dam	Beaver Dam Illuminating Co.
Beloit	Beloit Water, Gas & Electric Co.
Berlin	The Berlin Light, Heat & Power Co.
Chippewa Falls	Chippewa Falls Water Works & Lighting Co.
De Pere	De Pere Light & Power Co.
Eau Claire	Chippewa Valley Ry., Light & Power Co.
Fond du Lac	Eastern Wisconsin Ry. Light & Power Co.
Grand Rapids	Grand Rapids Electric & Water Co.
Green Bay	Green Bay Gas & Electric Co.
Janesville	Janesville Electric Co.
Kaukauna	Kaukauna Gas, Electric Light & Power Co.
Kenosha	Kenosha Gas & Electric Co.
La Crosse	La Crosse Gas & Electric Co.
Madison	Madison Gas & Electric Co.
Manitowoc	Manitowoc Electric Light Co.
Marinette	Menominee & Marinette Light & Traction Co.
Menomonie	Menomonie Electric Light & Power Co.
Merrill	Merrill Railway & Lighting Co.
Milwaukee	The Milwaukee Electric Ry. & Light Co.
Milwaukee	Milwaukee Light, Heat & Traction Co.
Milwaukee	Plankinton Electric Light & Power Co.
Milwaukee	Wells Power Co.
Oconto	Oconto Electric Co.
Oconto	Peoples Land & Manufacturing Co.
Oshkosh	Oshkosh Gas Light Co.
Portage	Portage Electric Light Co.
Rhineland	Rhineland Lighting Co.
St. Croix Falls	Minnesota Improvement Co. 1
Sheboygan	Sheboygan Light, Power & Ry. Co.
Stevens Point	Stevens Point Lighting Co.
Superior	Superior Water, Light & Power Co.
Washburn	Washburn Electric Light & Power Co.
Watertown	Watertown Gas & Electric Co.
Waukesha	Waukesha Gas & Electric Co.
Wausau	Wausau Electric Co.
	Total
MUNICIPALITIES.	
Marshfield	Municipal Electric Plant
Menasha	" " "
Sturgeon Bay	" " "
Two Rivers	" " "
	Total

1 In operation 11 months.

PLANTS--1907.

Cities of Over 5,000 Population.

ASSETS.						
Property assets.	Investments securities, etc.	Current and accrued assets.	Miscellaneous	Cash.	Deficit.	Total.
\$31,465 24		\$3,000 00		\$300 00		\$34,765 24
743,691 20	\$10,880 00	19,090 82		16,174 51		789,836 53
93,703 41	2,000 00	25,944 28	\$2,228 80	394 11		130,270 60
46,000 00		1,949 15		1,018 00	\$148,382 85	197,350 00
103,671 23		1,633 16		339 01		105,643 40
393,394 34		10,471 57		1,946 46		405,812 37
162,307 83		15,921 95		455 57	51,243 86	229,929 21
81,523 29		9,564 77				91,088 06
54,200 00		5,757 89		1,549 15		61,507 04
300,000 00		3,192 76		1,248 30		304,441 06
379,204 44		31,262 98		6,773 29		417,240 71
24,204 41		6,849 99		34 02	3,203 05	34,291 47
527,030 08	1,538 79	12,049 43			16,111 22	556,729 52
477,113 95		9,090 43		1,957 08		488,161 46
88,165 90	820 26	5,395 84		389 04	72,814 10	167,585 14
203,958 90		12,691 41		858 60		217,508 91
1,067,891 47		44,844 87		1,154 41		1,113,890 75
674,268 12	10,392 00	40,331 32	\$3,506 05	1,993 25		723,478 64
85,675 40		4,332 69		532 01		90,540 10
103,673 52		8,747 45		1,300 00		113,720 97
34,436 94		5,084 19		10,256 57		49,777 70
124,637 72	911 83	17,989 18		925 08		144,464 81
5,045,440 33	770,000 00	487,213 29		9,165 14		6,311,818 76
1,030,427 86	2,249,890 50	22,523 41				3,302,841 77
264,781 24		25,040 05		11,372 42		301,193 71
198,869 47		19,657 81		255 30		218,782 58
37,206 84		904 39		74 85		38,186 08
54,702 73		8,564 71		216 00		63,483 44
1,115,580 19	5,659 66	19,150 10		2,240 54		1,142,630 49
25,000 00		1,550 00		150 00		26,700 00
90,118 67		7,785 81		286 38		98,190 86
1,615,578 22		299,908 40		646 79		1,916,133 41
459,298 13		13,224 58		726 28	2,819 86	473,068 85
153,737 20		6,358 70		56 35	15,524 37	175,676 62
758,426 93	91,842 42	14,631 83	1,541 85	563 26		870,006 29
20,000 00		420 00		1,500 00		21,920 00
238,035 48	50,000 00	6,910 11		645 70		295,591 29
98,658 33		8,551 56			19,805 95	127,015 84
136,434 02	57,101 26	64,819 81		506 32		258,861 41
\$17,145,513 03	\$3,254,036 72	\$1,302,410 69	\$264 60	\$78,004 79	\$329,905 26	\$22,110,135 09
\$112,806 24		\$2,081 85		\$699 99		\$115,588 08
18,032 50						18,032 50
21,048 99		5,708 16		2,211 84		29,628 99
15,466 21		1,152 69		1,337 04		17,956 54
\$167,953 94		\$9,002 70		\$4,249 47		\$181,206 11

² Deduction--special expense.

TABLE V.—ELECTRIC
Balance Sheet of Plants Operating in

CITY.	NAME.
CORPORATIONS.	
Antigo	Antigo Electric Light Co.
Appleton	Wisconsin Traction, Heat, Light & Power Co.
Ashland	Ashland Light, Power & St. Ry. Co.
Baraboo	Baraboo Lighting Co.
Beaver Dam	Beaver Dam Illuminating Co.
Beloit	Beloit Water, Gas & Electric Co.
Berlin	The Berlin Light, Heat & Power Co.
Chippewa Falls	Chippewa Falls Water Works & Lighting Co.
De Pere	De Pere Light & Power Co.
Eau Claire	Chippewa Valley Ry., Light & Power Co.
Fond du Lac	Eastern Wisconsin Ry. Light & Power Co.
Grand Rapids	Grand Rapids Electric & Water Co.
Green Bay	Green Bay Gas & Electric Co.
Janesville	Janesville Electric Co.
Kaukauna	Kaukauna Gas, Electric Light & Power Co.
Kenosha	Kenosha Gas & Electric Co.
La Crosse	La Crosse Gas & Electric Co.
Madison	Madison Gas & Electric Co.
Manitowoc	Manitowoc Electric Light Co.
Marinette	Menominee & Marinette Light & Traction Co.
Menomonie	Menomonie Electric Light & Power Co.
Merrill	Merrill Railway & Lighting Co.
Milwaukee	The Milwaukee Electric Ry. & Light Co.
Milwaukee	Milwaukee Light, Heat & Traction Co.
Milwaukee	Plankinton Electric Light & Power Co.
Milwaukee	Wells Power Co.
Oconto	Oconto Electric Co.
Oconto	People's Land & Manufacturing Co.
Oshkosh	Oshkosh Gas Light Co.
Portage	Portage Electric Light Co.
Rhineland	Rhineland Lighting Co.
St. Croix Falls	Minnesota Improvement Co. ¹
Sheboygan	Sheboygan Light, Power & Ry. Co.
Stevens Point	Stevens Point Lighting Co.
Superior	Superior Water, Light & Power Co.
Washburn	Washburn Electric Light & Power Co.
Watertown	Watertown Gas & Electric Co.
Waukesha	Waukesha Gas & Electric Co.
Wausau	Wausau Electric Co.
	Total
MUNICIPALITIES.	
Marshfield	Municipal Electric Plant
Menasha	" " "
Sturgeon Bay	" " "
Two Rivers	" " "
	Total

¹ In operation 11 months.

REPORT OF THE RAILROAD COMMISSION.

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PLANTS, 1907—Continued.
 Cities of Over 5,000 Population.

LIABILITIES.						
Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
.....	\$16,000 00	\$13,320 00	.....	.....	\$5,445 24	\$34,765 24
\$340,000 00	361,896 00	18,591 44	\$10,016 54	.....	59,332 55	789,836 53
66,666 00	43,333 00	7,097 48	7,779 67	.....	5,394 45	130,270 60
100,000 00	97,000 00	350 00	.....	.....	.....	197,350 00
50,000 90	36,000 00	17,016 63	.....	.....	2,626 77	105,643 40
150,000 00	175,000 00	73,855 94	.....	.....	6,956 43	405,812 37
100,000 00	² 115,000 00	14,929 21	.....	.....	.....	229,929 21
35,000 00	50,000 00	4,901 02	.....	.....	1,187 04	91,088 06
50,000 00	.....	71 33	.....	.....	11,435 71	61,507 04
171,000 00	123,500 00	4,360 69	.....	.....	5,580 37	304,441 06
100,000 00	260,000 00	20,117 14	31,533 05	.....	5,590 52	417,240 71
15,512 00	.....	18,779 47	.....	.....	.....	34,291 47
270,000 00	225,450 00	61,279 52	.....	.....	.....	556,723 52
96,000 00	150,000 00	20,032 07	.....	.....	222,129 39	488,161 46
51,000 00	105,000 00	11,585 14	.....	.....	.....	167,585 14
99,000 00	99,000 00	10,984 07	2,502 12	.....	6,022 72	217,508 91
372,000 00	620,000 00	99,528 87	14,880 00	.....	7,481 88	1,113,890 75
207,840 00	259,800 00	200,734 94	65 00	.....	55,038 70	723,478 64
75,000 00	.....	7,500 00	.....	.....	8,040 10	90,540 10
80,350 00	27,750 00	3,228 26	.....	.....	2,392 71	113,720 97
40,000 00	.....	1,134 63	.....	.....	8,643 07	49,777 70
62,000 00	45,000 00	12,240 00	3,200 00	.....	22,024 81	144,464 81
2,700,000 00	2,700,000 00	394,891 49	409,762 63	.....	107,164 61	6,311,818 76
1,500,000 00	1,500,000 00	201,720 66	20,624 03	.....	80,497 03	3,302,841 77
50,000 00	200,000 00	48,003 33	.....	.....	3,190 38	301,193 71
64,000 00	.....	149,693 40	.....	.....	5,039 18	218,782 58
5,000 00	.....	31,953 15	.....	.....	1,232 93	38,186 08
50,000 00	.....	4,885 00	.....	.....	8,598 44	63,483 44
537,100 00	590,810 00	13,221 67	.....	.....	1,498 82	1,142,630 49
8,500 00	.....	450 00	.....	.....	17,750 00	26,700 00
.....	.....	11,432 50	.....	.....	86,758 36	98,190 86
500,000 00	1,400,000 00	16,133 41	.....	.....	.....	1,916,133 41
120,000 00	300,000 00	53,068 85	.....	.....	.....	473,068 85
60,000 00	75,000 00	40,676 62	.....	.....	.....	175,676 62
277,600 00	513,560 00	37,358 74	31,785 20	\$493 91	9,208 44	870,006 29
20,000 00	.....	.....	.....	.....	1,920 00	21,920 00
100,000 00	150,000 00	26,965 67	1,413 06	.....	17,212 56	295,591 29
35,000 00	80,000 00	12,015 84	.....	.....	.....	127,015 84
150,000 00	.....	78,000 00	.....	.....	30,861 41	258,861 41
\$8,708,568 00	\$10,319,099 00	\$1,742,108 18	\$533,561 33	\$493 91	\$806,304 67	\$22,110,135 09
.....	\$105,450 00	\$274 10	.....	.....	\$9,863 98	\$115,588 08
.....	13,312 00	.....	.....	.....	4,720 50	18,032 50
.....	11,000 00	.....	.....	.....	29,628 99	29,628 99
.....	.....	.....	.....	.....	6,956 54	17,956 54
.....	\$129,762 00	\$274 10	.....	.....	\$51,170 01	\$181,206 11

²Includes \$40,000 receivers' certificates.

TABLE VI—ELECTRIC

Balance Sheet of Companies Operating in

MUNICIPALITY.	NAME OF COMPANY.	As-	
		Capital assets.	Current and accrued assets and cash.
Albany	Albany Electric Light & Milling Co. ¹	\$4,700 00	.....
Alma	Alma Electric Light Co.	4,200 00	\$233 82
Amery	Amery Electric Co.	6,550 00	338 35
Amherst	B. E. Dwinell & Co. ¹	8,000 00	8,000 00
Athens	Athens Electric Light & Power Co.	22,430 76	1,818 32
Augusta	J. L. Ball Electric Light Plant	12,800 00	758 75
Baldwin	Baldwin Electric Light & Fuel Co.	8,100 00	540 30
Bangor	Hussa Bros. ¹	70,000 00	3,180 25
Belleville	Belleville Mills & Electric Light Co. ¹	1,200 00	.....
Birnamwood.....	Birnamwood Electric Light Plant. ¹	12,000 00	.....
Bloomer	Martin Rasmus ¹	30,694 00	.....
Boyd	Chas. Shong & Sons. ¹	3,000 00	435 00
Brodhead	Brodhead Electric Co.	15,000 00	.....
Burlington	Burlington Electric Light & Power Plant ..	45,349 80	2,104 89
Cashton	Cashton Milling Co. ¹	10,250 00	.....
Chetek	Chetek Light and Power Co.	10,062 75	107 60
Colfax	Colfax Mill & Power Plant. ¹	15,400 00	4,400 00
Darlington	Darlington Electric Light & Power Co.	25,500 00	5,500 00
Dodgeville	Dodgeville Electric Light & Power Co.	15,000 00	.....
Durand	Durand Light & Power Co.	28,911 21	20,040 69
Edgerton	Edgerton Electric Light Co.	21,665 99	2,280 26
Elkhart Lake	Milwaukee & Fox River Valley Ry. Co.	31,000 00	523 50
Ellsworth	Ellsworth Heat, Light & Power Co.	45,192 25	2,345 57
Fountain City	Fountain City Light & Power Plant	4,266 70	435 34
Frederick	Dahlberg Bros. ¹	5,500 00	100 00
Galesville	Davis Mill Co. ¹	13,000 00	150 00
Gays Mills	Atwood & Haggerty ¹	2,030 00	58 00
Glenwood	Glenwood & Downing Light & Power Co.	9,400 00	226 51
Hartford	Hartford Electric Co.	4,322 83	6,254 47
Hudson	Burkhardt Milling Electric Lt. & Power Co. ¹ ..	85,000 00	2,040 02
Iola	Frogner Bros. & Sons ¹	2,600 00	.....
Iron River	Iron River Water, Light & Power Co. ² .....	.....	.....
Kewaskum	Kewaskum Electric Light Co. ¹	4,000 00	1,150 00
Ladysmith	Ladysmith Lighting Co.	20,292 35	3,075 52
La Farge	La Farge Electric Co.	6,345 58	296 19
Lake Geneva.....	Equitable Electric Light Co.	31,887 19	4,891 05
Lake Mills	Creamery Package Mfr. Co. ¹	11,480 00	600 00
Lancaster	Lancaster Electric Light Co.	30,000 00	320 05
Manawa	Little Wolf River Lumber Co. ¹	4,338 00	.....
Mauston	Mauston Electric Service Co.	25,219 37	3,804 29
Mayville	The Northwestern Iron Co. ¹	15,000 00	.....
Medford	Medford Light & Heating Co.	24,867 58	.....
Mellen	Mellen Water & Light Co. ¹	37,231 43	2,241 66
Menomonee Falls	Menomonee Falls Electric Light Co.	14,225 00	1,164 74
Milwaukee	Railway Exchange Building Co. ¹	24,402 00	600 00
Mineral Point	Mineral Point Electric Light Co. ¹	67,952 92	2,250 00
Mondovi	Mondovi Electric Light Plant	7,500 00	.....
Monroe	Monroe Electric Light & Power Co.	42,200 00	972 23
Montello	Montello Granite Co. ¹	2,500 00	700 00
Mt. Horeb	Mt. Horeb Electric Light Co.	8,000 00	.....

¹ Company principally engaged in a manufacturing business. Electric service an auxiliary product.

PLANTS—1907.

Municipalities of Less Than 5,000 Population.

SETS.		LIABILITIES.				
Deficit.	Total.	Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
	\$4,433 82	\$4,100 00			\$333 82	\$4,433 82
	6,888 36	3,000 00		\$3,888 36		6,888 36
	16,000 00		\$6,000 00	225 00	9,775 00	16,000 00
	24,249 08	12,500 00	10,000 00	1 43	1,747 65	24,249 08
	13,558 75	12,800 00		390 81	367 94	13,558 75
	8,640 39	8,100 00		213 83	326 56	8,640 39
	73,180 25	49,000 00		7,967 50	16,212 75	73,180 25
	3,435 00			65 00	3,370 00	3,435 00
	15,000 00			6,500 00	8,500 00	15,000 00
\$2,545 31	50,000 00	50,000 00				50,000 00
	10,170 35			2,029 83	8,140 52	10,170 35
	19,800 00			2,300 00	17,500 00	19,800 00
	31,000 00	20,000 00		11,000 00		31,000 00
	48,951 90	35,000 00		5,670 85	8,281 05	48,951 90
	23,946 25	16,000 00		6,801 21	1,145 04	23,946 25
	31,523 50	7,500 00		23,542 50	481 00	31,523 50
	47,537 82	25,000 00	20,000 00	1,786 38	751 44	47,537 82
2,297 96	7,000 00		7,000 00			7,000 00
	5,600 00			2,000 00	3,600 00	5,600 00
2,150 00	15,300 00	12,000 00		3,300 00		15,300 00
	2,088 00			300 00	1,788 00	2,088 00
5,373 49	15,000 00	15,000 00				15,000 00
	10,577 30	4,160 00		1,378 56	5,038 65	10,577 30
	87,040 02	50,000 00		4,225 00	32,815 02	87,040 02
	5,150 00	4,000 00		650 00	500 00	5,150 00
145 03	23,512 90	15,200 00		8,312 90		23,512 90
	6,641 77	6,000 00		70 00	571 77	6,641 77
	36,778 24	9,000 00			27,778 24	36,778 24
	12,080 00	11,480 00		200 00	400 00	12,080 00
9,679 94	40,000 00	30,000 00		10,000 00		40,000 00
13,876 34	42,900 00	34,300 00		8,600 00		42,900 00
	24,867 58	20,000 00		2,190 31	2,677 27	24,867 58
	39,473 09	15,000 00		19,379 54	5,093 55	34,473 09
	15,389 74		6,500 00	8,124 91	764 83	15,389 74
	25,002 00	15,000 00		200 00	9,802 00	25,002 00
	70,202 92	35,000 00	12,000 00	15,100 00	8,102 92	70,202 92
	7,500 00	6,881 00		619 00		7,500 00
	43,172 23	12,000 00		6,519 50	24,652 73	43,172 23
	3,200 00			250 00	2,950 00	3,200 00
2,060 00	10,060 00	10,000 00		60 00		10,060 00

² Company reports a combined plant value of \$31,300 to cover its electric, water and telephone properties.

TABLE VI.—ELECTRIC
Balance sheet of Companies Operating in

MUNICIPALITY.	NAME OF COMPANY.	As-	
		Capital assets.	Current and accrued assets and cash.
Necedah.....	Necedah Milling & Electric Co. ¹	\$12,550 00	\$1,450 00
Neillsville.....	Neillsville Electric & Water Supply Co.....	12,260 53	2,538 31
New Richmond...	New Richmond Power Co. ²	2,500 00	233 46
North Freedom...	North Freedom Electric Light Co.....	6,000 00	130 00
North Milwaukee	North Milwaukee Light & Power Co.....	12,372 78	475 94
Omro.....	Omro Electric Light Co.....	10,025 60	646 02
Pardeeville.....	Pardeeville Electric Light Plant.....	12,552 68	1,481 08
Park Falls.....	Park Falls Water, Light & Power Co.....	6,543 18	1,743 17
Plainfield.....	Starks & Skeel ¹	8,000 00	.....
Platteville.....	Platteville Electric Light & Power Co.....	42,550 00	5,610 84
Prairie du Chien.	Prairie City Electric Co.....	23,613 96	1,781 98
Ripon.....	Ripon Light & Water Co.....	24,151 75	4,398 08
Seymour.....	Seymour Electric Co.....	8,500 00	855 00
Sheboygan Falls..	Falls Light & Power Co.....	10,465 93	708 57
Soldiers Grove....	Soldiers Grove Electric Co.....	3,850 00	1,455 55
Sparta.....	O. I. Newton Sons Co. ¹	134,044 99	5,079 60
Stanley.....	Northwestern Lumber Co. ¹	5,000 00	.....
Viroqua.....	Viroqua Electric Light Co.....	17,500 00	1,165 78
Walworth.....	T. H. Windsor.....	5,918 83	1,057 71
Waterford.....	Waterford Electric Light Co. ¹	7,000 00	.....
West Bend.....	West Bend Heating & Lighting Co. ¹	25,000 00	100 00
Westfield.....	Westfield Milling & Electric Light Co. ¹	6,500 00	615 00
West Salem.....	Neshonoc Light & Power Co. ¹	28,000 00	.....
Weyauwega.....	Weyauwega Electric Light Co.....	20,000 00	73 48
Whitewater.....	Whitewater Electric Light Co.....	59,347 03	3,985 68
Wittenberg.....	Viking Lumber Co. ¹	18,684 98	400 00
Wycocena.....	Duck Creek Light & Power Co.....	12,300 00	284 37
	Total.....	\$1,485,799 32	\$120,167 10

¹ Company principally engaged in manufacturing business. Electric service an auxiliary product.

² In operation only six months.

PLANTS, 1907—Continued.

Municipalities of Less Than 5,000 Population.

SETS.		LIABILITIES.				
Deficit.	Total.	Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
	\$14,000 00				\$14,000 00	\$14,000 00
	14,798 84	\$5,000 00		\$3,636 05	\$5,162 79	14,798 84
	2,733 46	2,500 00			233 46	2,733 46
	6,130 00			1,000 00	5,130 00	6,130 00
	12,848 72	12,000 00			848 72	12,848 72
\$1,538 88	12,209 90	10,000 00		2,209 90		12,209 90
	14,033 70	10,000 00		4,033 70		14,033 70
	8,286 35	1,000 00		7,286 35		8,286 35
	48,160 84	27,000 00	\$6,000 00	4,792 41	10,368 43	48,160 84
	25,395 94	14,475 00		10,920 94		25,395 94
	28,549 83	15,518 58		8,536 25	8,095 00	28,549 83
	9,325 00				9,325 00	9,325 00
	11,174 53	8,000 00		3,174 53		11,174 53
	5,275 55				5,275 55	5,275 55
	139,144 59	50,000 00	40,000 00	8,207 16	40,937 43	139,144 59
	18,665 78	17,500 00			1,165 78	18,665 78
	6,976 54			718 69	6,257 85	6,976 54
	25,100 00	25,000 00			100 00	25,100 00
	7,115 00	4,000 00			3,115 00	7,115 00
	20,073 48	20,000 00			73 48	20,073 48
	63,332 71	60,000 00		1,970 54	1,362 17	63,332 71
	19,084 98	14,500 00		2,302 09	2,282 89	19,084 98
	12,584 37		3,000 00	276 55	9,307 82	12,584 37
\$39,666 95	\$1,501,851 37	\$845,514 67	\$110,500 00	\$222,927 58	\$322,909 12	\$1,501,851 37

³Total includes \$143,782.00 "plant value" of companies which have failed to report completed balance sheets.

TABLE VII.—ELEC
Balance Sheet of Municipal Plants Operating in

MUNICIPALITY.	ASSETS.			
	Plant value first of year.	Construc- tion during year.	Current as- sets and cash	Total.
Algoma ¹	\$22,500 00	\$45 98	\$1,157 17	\$23,703 15
Arcadia ¹	14,825 98	96 70	1,451 95	16,374 63
Barron.....	10,650 00	453 73	3,583 77	14,687 50
Bayfield ¹	5,000 00	350 00	7,133 78	12,483 78
Black River Falls ¹	8,212 13	255 39	2,367 46	10,834 98
Blair.....	7,000 00	.....	.....	7,000 00
Boscobel.....	15,000 00	200 00	.....	15,200 00
Cedarburg.....	30,000 00	.....	.....	30,000 00
Clintonville.....	20,820 91	407 01	4,210 47	25,438 39
Columbus ¹	21,462 54	814 11	361 61	22,638 26
Cuba City ¹	6,000 00	.....	.....	6,000 00
Cumberland ¹	20,000 00	.....	.....	20,000 00
Elkhorn ^{1, 2}	15,000 00	.....	5,258 52	20,258 52
Elroy ¹	35,000 00	.....	600 00	35,600 00
Evansville ¹	11,000 00	385 87	4,292 68	15,678 55
Fennimore ¹	6,000 00	.....	.....	6,000 00
Ft. Atkinson ¹	28,200 32	.....	1,899 96	30,100 28
Grantsburg.....	11,000 00	.....	2,720 69	13,720 69
Independence.....	12,000 00	.....	.....	12,000 00
Jefferson ¹	33,505 00	185 00	1,151 62	34,841 62
Kilbourn.....	10,344 56	820 29	.....	11,164 85
Mazomanie ¹	2,600 00	.....	.....	2,600 00
Montello.....	14,000 00	700 00	495 00	15,195 00
New Glarus.....	22,000 00	.....	.....	22,000 00
New London ¹	20,598 47	511 63	2,608 07	23,718 17
New Richmond ¹	19,000 00	1,000 00	200 00	20,200 00
Oconomowoc ¹	47,641 19	954 38	10,192 59	58,788 16
Plymouth ¹	44,405 68	6,077 96	.....	50,483 64
Port Washington ³	22,500 00	1,200 00	300 00	24,000 00
Princeton.....	12,246 13	426 00	1,124 00	13,796 13
Randolph.....	11,699 90	.....	2,005 79	13,705 69
Rice Lake ¹	13,593 76	4,516 00	2,828 38	20,938 14
Richland Center ¹	29,923 87	942 56	9,755 15	40,621 58
River Falls ¹	40,000 00	.....	1,514 49	41,514 49
Sauk City.....	11,000 00	.....	.....	11,000 00
Shell Lake ¹	10,000 00	.....	.....	10,000 00
Spoooner ¹	6,000 00	416 65	4,749 04	11,165 69
Spring Green.....	6,000 00	.....	.....	6,000 00
Stoughton ¹	34,289 99	7,311 94	1,567 61	43,169 54
Waupun ¹	19,145 27	1,322 22	1,187 22	21,654 71
Westby ¹	8,000 00	.....	1,239 35	9,239 35
Total.....	\$738,165 70	\$29,393 42	\$75,956 37	\$843,515 49

¹ Municipality also furnishes water service.

² Report covers period of fifteen months.

TRIC PLANTS, 1907.

Municipalities of Less Than 5,000 Population.

LIABILITIES.

Bonds.	Current liabilities.	City equity.	Total.
\$20,000 00	\$1,912 91	\$1,790 24	\$23,703 15
.....	.....	16,374 63	16,374 63
3,969 06	.....	10,718 44	14,687 50
4,000 00	1,587 05	6,896 73	12,483 78
7,000 00	880 78	2,954 20	10,834 98
.....	.....	7,000 00	7,000 00
6,500 00	.....	8,700 00	15,200 00
6,800 00	.....	23,200 00	30,000 00
10,000 00	410 15	15,028 24	25,438 39
2,000 00	.....	20,638 26	22,638 26
.....	.....	6,000 00	6,000 00
.....	.....	20,000 00	20,000 00
.....	1,966 00	18,292 52	20,258 52
10,000 00	6,000 00	19,600 00	35,600 00
11,000 00	4,118 70	559 85	15,678 55
.....	.....	6,000 00	6,000 00
.....	1,952 95	28,147 33	30,100 28
8,000 00	.....	5,720 69	13,720 69
.....	.....	12,000 00	12,000 00
18,000 00	602 00	16,239 62	34,841 62
5,000 00	.....	6,164 85	11,164 85
600 00	.....	2,000 00	2,600 00
8,500 00	250 00	6,445 00	15,195 00
14,000 00	.....	8,000 00	22,000 00
10,000 00	868 38	12,849 79	23,718 17
.....	.....	20,200 00	20,200 00
20,000 00	.....	38,788 16	58,788 16
28,491 63	.....	21,092 01	50,483 64
22,500 00	.....	1,500 00	24,000 00
9,000 00	212 00	4,584 13	13,796 13
9,500 00	2,000 00	2,205 69	13,705 69
.....	2,682 75	18,255 39	20,938 14
16,000 00	.....	24,621 58	40,621 58
17,500 00	279 11	23,735 38	41,514 49
8,000 00	.....	3,000 00	11,000 00
9,000 00	.....	1,000 00	10,000 00
.....	4,749 04	6,416 65	11,165 69
6,000 00	.....	.....	6,000 00
22,500 00	.....	20,009 54	43,169 54
6,000 00	.....	15,654 71	21,654 71
2,000 00	278 93	6,960 42	9,239 35
\$321,860 69	\$30,750 75	\$490,904 05	\$843,515 49

³ Municipal plant operated on a two year lease by The Wisconsin Chair Co.
67—R. R.

TABLE VIII.—ELECTRIC PLANTS, 1907.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Boilers.		PRIME MOTIVE POWER.						Power purchased (Reported in H. P.)	ELECTRIC GENERATORS.		Maximum demand on station or peak load K. W.
				Water wheels.		Steam engines.		Gas engines.			Total prime motive power, rated H. P.	No.		Total K. W. capacity.
		No.	Total H. P.	No.	Total H. P.	No.	Total H. P.	No.	Total H. P.				
Albany.....	Albany Elec. Light & Milling Co.....			2	70			1	34	104	1	25	30
Algoma.....	Algoma City Water & Light Plant.....	2	180			1	150			150	1	75	50
Alma.....	Alma Elec. Light Plant.....	1	70			1	65			65	1	50	32
Amery.....	Amery Electric Co.....			1	62					62	2	40	36
Amherst.....	B. E. Dwindell & Co.....			4	40					40	1	60	30
Antigo.....	Antigo Elec. Light Co.....	3	210			2	480			480	4	310	220
Appleton.....	Wis. Trac. Light & Power Co.....	4	1,200	16	2,550	2	2,000			4,550	2	1,000	700
Arcadia.....	Arcadia Elec. Light & Power Plant.....	2	160			1	126			126	1	75	70
Ashland.....	Ashland Light, Power & St. Ry. Co.....	4	500			2	300			300	6	315	231
Athens.....	Athens Elec. Light & Power Co.....	1	50			1	50			50	1	35	40
Augusta.....	J. L. Ball Elec. Light Plant.....	1	100			2	200			200	2	140	63
Baldwin.....	Baldwin Elec. Lt. & Fuel Co.....	1	85			1	75			75	1	50	50
Bangor.....	Hussa Bros. Light & Power Plant.....	2	200			2	75			75	2	58	27
Baraboo.....	Baraboo Lighting Co.....	2	200			2	300			300	3	128	107
Barron.....	Barron Munic. Light Plant.....			1	164					164	1	90	66
Bayfield.....	Bayfield Munic. Light Plant.....	2	250			2	250			250	2	225	100
Beaver Dam.....	Beaver Dam Illuminating Co.....	3	450			3	410			410	3	255	142
Belleville.....	Belleville Mills & Elec. Light Plant.....			1	80					80	1	14	16
Beloit.....	Beloit Water, Gas & Elec. Co.....	3	950	2	254	3	750			1,004	3	900	490
Berlin.....	Berlin Lighting, Heating & Power Co.....	3	550			2	700			700	2	580	505
Biramwood.....	Biramwood Elec. Light Plant.....	3	240			1	150			150	1	55	40
Black River Falls.....	B. R. Falls Munic. Elec. Plant.....			1	158					158	2	20	20
Blair.....	Blair Elec. Light & Pumping Sta.....	1	85			1	100			100	1	60	48
Bloomer.....	Martin Rasmus. Elec. Light Plant.....			1	82					82	1	45	45
Boscobel.....	Boscobel Elec. Light & Power Co.....	2	200			1	140			140	1	100	93

Boyd.....	Chas. Shong & Son.....	1	100			1	65		65	1	37 ¹ / ₂	26
Brodhead.....	Brodhead Elec. Co.....			4	200				200	5	140	100
Burlington.....	Burlington Elec. Light & Power Co.....	2	200		120	1			230	2	200	125
Cashton.....	Cashton Milling Co.....	1	100			1			96	1	75	60
Cedarburg.....	Cedarburg Elec. Light Plant.....	2	200			2			200	2	92	92
Chetek.....	Chetek Light & Power Co.....			1	75				75	1	60	44
Chippewa Falls.....	Chip. Falls W. Wks. & Lighting Co.....			5	956				956	9	540	318
Clintonville.....	Clintonville Elec. Light Plant.....	2	200			2			225	2	110	80
Colfax.....	Colfax Mill & Power Plant.....	1	30	2	85	1			25	1	50	40
Columbus.....	Columbus Water Wks. & Lighting Plant.....	2	160			2			225	2	140	100
Cuba City.....	Cuba City Elec. Light Plant.....	1	100			1			85	1	75	20
Cumberland.....	Cumberland Munic. Lighting Plant.....					1			100	2		100
Darlington.....	Darlington Elec. Light & Water Co.....	1	150	2	80	1			150	3	140	80
De Pere.....	De Pere Elec. Light & Power Co.....			2	180				180	2	230	135
Dodgeville.....	Dodgeville Elec. Light & Power Co.....	2	140			1			150	2	85	60
Durand.....	Durand Light & Power Co.....			2	608				608	2	350	160
Eau Claire.....	Chippewa Valley Ry., Light & Power Co.....	4	400	6	2,200	1			4,600	2	1,200	750
Edgerton.....	Edgerton Elec. Light Co.....			1	150				150	3	95	61
Elkhart Lake.....	Milwaukee & Fox River Valley Ry. Co.....						2	180	180	2	130	64
Elkhorn.....	Elkhorn Light & Power Co.....	3	350			2		380	380	3	194	96
Ellsworth.....	Ellsworth Heat, Light & Power Co.....	1	100	1	157	1			257	3	160	128
Elroy.....	Elroy Munic. Light & W. Wks. Plant.....	2	230			2			175	2	150	60
Evansville.....	Evansville Water & Light Dep't.....	2	200			2			190	2	82	79
Fennimore.....	Fennimore Munic. Elec. Light Plant.....	2	200			1			95	2	100	37
Fond du Lac.....	Eastern Wis. Ry. & Light Co.....	4	1,750			3	2,250		2,250	9	1,645	751
Ft. Atkinson.....	Ft. Atkinson Light & Water Dep't.....	2	220			2		320	320	2	200	100
Fountain City.....	Fountain City Light & Power Co.....										123,241	
Frederick.....	Dahlberg Bros.....	1	80			1			80	1	35	30
Galesville.....	Davis Mill Co.....			2	140				140			
Gays Mills.....	Atwood & Haggerty.....			1	80				80	1	30	16
Glenwood.....	Glen. & Downing Light & Power Co.....	1	200			1			90	1	60	30
Grand Rapids.....	Grand Rapids Elec. & Water Co.....	2	550			2			375	2	350	257
Grantsburg.....	Grantsburg Munic. Elec. Light Plant.....	1	90			1			87	1	50	47
Green Bay.....	Green Bay Gas & Elec. Co.....	1 ⁴	1,375			1 ⁴	2,318		2,318	2	740	500
Hartford.....	Hartford Elec. Co.....	2	160			1			125	2	60	50
Hudson.....	Burkhardt Milling, Elec. Light & Power Co.....			2	575				575	3	360	182
Independence.....	Independence Munic. Elec. Light Plant.....	1	75			1			70	1	38	30
Iola.....	Froemer Bros. & Son.....	2	70			1			65	1	30	30
Iron River.....	Iron River Water, Light & Power Co.....	3	175			1			200	2	113	100
Janesville.....	Janesville Elec. Co.....	5	750	15	1,750	3			2,550	12	1,275	820

¹ Owned jointly with Green Bay Traction Co.

TABLE VIII.—ELECTRIC PLANTS, 1907—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Boilers.		PRIME MOTIVE POWER.						Power purchased (Reported in H. P.)	ELECTRIC GENERATORS.		Maximum demand on station or peak load. K. W.
				Water wheels.		Steam engines.		Gas engines.			Total prime motive power rated H. P.	No.		Total K. W. capacity.
		No.	Total H. P.	No.	Total H. P.	No.	Total H. P.	No.	Total H. P.				
Jefferson.....	Jefferson Munic. Light Plant.....	2	200	.....	.....	1	100	.....	.....	100	2	115	65
Kaukauna.....	Kauk. Gas. Elec. Light & Power Co.....	2	150	2	358	1	247	.....	.....	605	6	261	246
Kenosha.....	Kenosha Gas & Elec. Co.....	3	600	.....	.....	2	900	.....	.....	900	3	500	396
Kewaskum.....	Kewaskum Elec. Light Co.....	.....	.....	.....	.....	1	80	.....	.....	80	2	.....	.....
Kilbourn.....	Kilb. Munic. Elec. Light Plant.....	1	120	.....	.....	1	75	.....	.....	75	1	50	50
La Crosse.....	La Crosse Gas & Electric Co.....	11	2,370	.....	.....	9	2,920	2	170	3,090	120	1,625	2,000
Ladysmith.....	Ladysmith Lighting Co.....	.....	.....	1	235	.....	.....	.....	.....	235	1	55	40
La Farge.....	La Farge Elec. Co.....	.....	.....	1	70	.....	.....	.....	.....	70	1	60	55
Lake Geneva.....	Equitable Elec. Light Co.....	2	160	5	230	2	150	.....	.....	380	3	200	150
Lake Mills.....	Creamery Package Mfg. Co.....	2	125	.....	.....	1	150	.....	.....	150	2	165	80
Lancaster.....	Lancaster Elec. Light Co.....	2	200	.....	.....	2	160	.....	.....	160	3	190	99
Madison.....	Madison Gas and Elec. Co.....	6	1,837	.....	.....	6	2,156	3	685	2,841	15	2,507	¹ 1,580
Manawa.....	Little Wolf River Lumber Co.....	.....	.....	2	150	.....	.....	.....	.....	150	1	100	45
Manitowoc.....	Manitowoc Elec. Light Co.....	4	600	.....	.....	4	650	1	150	800	11	450	370
Marinette.....	Men. & Mari. Light & Traction Co.....	6	900	.....	.....	3	950	.....	.....	950	² 14	1,245	.....
Marshfield.....	Mar. Water. Elec. Light & Power Co.....	3	450	.....	.....	2	425	.....	.....	425	2	425	280
Mauston.....	Mauston Elec. Service Co.....	1	150	1	150	1	150	.....	.....	300	2	145	77
Mayville.....	Northwestern Iron Co.....	.....	250	1	125	1	250	.....	.....	375	2	.....	.....
Mazomanie.....	Maz. Munic. Light & Water Plant.....	1	70	.....	.....	1	50	.....	.....	50	1	30	20
Medford.....	Medford Light & Heating Co.....	2	160	.....	.....	1	169	.....	.....	169	2	108	74
Mellen.....	Mellen Water & Light Co.....	1	60	2	200	1	35	.....	.....	235	1	60	40
Menasha.....	Menasha Munic. Elec. Light Plant.....	.....	.....	.....	.....	1	75	.....	.....	75	1	60	60
Menominee Falls.....	Men. Falls Elec. Light Co.....	.....	.....	.....	.....	.....	.....	1	50	50	1	30	33
Menomonie.....	Men. Elec. Light & Power Co.....	2	200	1	127	2	200	.....	.....	327	5	193	95
Merrill.....	Merrill Ry. & Lighting Co.....	4	400	4	400	1	200	.....	.....	600	6	498	300

¹ Does not include 3 D. C. Arc Dynamos—total capacity of 260 lamps.

² Includes Power & Light generators for Menominee, Mich.

³ Does not include traction.

Milwaukee.....	The Mil. Elec. Ry. & Light Co.	30	14,900			16	28,280			28,280		57	22,850	15,162
Milwaukee.....	Mil. Light, Heat & Trac. Co. ¹	6	1,500			2	1,300			1,300		4	1,420	1,071
Milwaukee.....	Plankinton Elec. Light & Power Co.	6	1,932			10	1,487			1,487		6	748	819
Milwaukee.....	Ry. Exchange Bldg. Co.....	2	300			9	300			300		2	105	70
Milwaukee.....	Wells Power Co.	6	2,471			5	1,655			1,655		5	1,550	825
Mineral Point...	Mineral P. Electric Light Co.....	3	550			2	300			300		2	200	60
Mondovi	Mondovi Elec. Light Plant.....	1	75			1	80			80		2	50	40
Monroe	Monroe Elec. Light & Power Co.	2	300			2	340			340		2	250	224
Montello.....	Montello Granite Co.			1	150					150		1	120	100
Monticello.....	Mont. Munic. Elec. Light Plant.....	1	100			1	80			80		1	60	50
Mt. Horeb	Mt. Horeb Elec. Light Co.	1	125			1	105			105		1	50	40
Necedah	Necedah Milling & Elec. Co.	1	120	1	160	1	120			280		2		
Neillsville	Neills. Elec. Light & Power Co.					2	250			250		6	290	
New Glarus	New G. Elec. Light & Water Co.	1	100			1	100			100		2	100	150
New London.....	New L. Elec. Light & Water Works.....	2	250			1	150			150		1	120	100
New Richmond...	New R. Munic. Light & Water Plant.....													325
New Richmond...	New R. Power Co.							1	20		2,150			300
North Freedom..	North F. Elec. Light Co.									20				28
N. Milwaukee	N. Milwaukee Light and Power Co.	2	160			3	110			110		2	69	50
Oconomowoc.....	Oconomowoc Munic. Light Dept	3	325			3	300			300		3	240	176
Oconto	Oconto Elec. Co.	2	300			2	230			230		6	235	104
Oconto	Peoples Land & Mfg. Co.	1									220	1	50	120
Omro	Omro Elec. Light Co.	1	75			1	65			65		1	50	34
Oshkosh	Oshkosh Gas Light Co.	4	1,440			3	1,700	4	350	2,050		8	1,530	1,210
Pardeeville	Pard. Elec. Light Plant	1	60	1	75	1	60			135		2	80	46
Park Falls.....	Park Falls Water, Light & Power Co.										(³)	3	82	75
Plainfield	Starks and Steel							1	50	50		1	60	30
Platteville.....	Platteville Electric Light & Power Co.	2	450			2	300			300		4	160	145
Plymouth	Plymouth Munic. Elec. Light Co.	3	450			2	500			500		3	190	104
Portage	Portage Elec. Light Co.	3	350			1	350			350		2	250	
Port Washington.	Wisconsin Chair Co.	4	600			1	300			300		2	225	126
Prairie du Chien.	Prairie City Elec. Light Co.	2	250			2	250			250		2	180	100
Princeton	Princeton Munic. Light Dept	1	100	1	105	1	85			180		1	60	43
Randolph	Randolph Munic. Elec. Light Plant.....	1	100			1	65			65		1	45	30
Rhinelanders	Rhinelanders Lighting Co.										208			
Rice Lake.....	Rice Lake Munic. Elec. Light Plant.....	2	300			2	220			220		2	170	
Richland Center.	Rich. Center Munic. Elec. Light Plant.....	2	200			2	300			300		2	185	130
Ripon	Ripon Light & Water Co.	3	250			3	350			350		2	95	84
River Falls.....	River Falls Munic. Elec. Light Plant.....			2	350					350		3	261	161
St. Croix Falls..	Minnesota Improvement Co.			6	17,250					17,250		4	10,000	7,600

¹Covers Racine and Waukesha plants.
Richmond Roller Mills.

²New Richmond municipal plant buys current from New Richmond Power Co., which buys from New
³Power rented.

TABLE VIII.—ELECTRIC PLANTS, 1907—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Boilers.		PRIME MOTIVE POWER.						Power purchased (Reported in H. P.)	ELECTRIC GENERATORS.		Maximum demand on station or peak load. K. W.
				Water wheels.		Steam engines.		Gas engines.			No.	Total K. W. capacity.	
		No.	Total H. P.	No.	Total H. P.	No.	Total H. P.	No.	Total H. P.	Total prime motive power rated H. P.			
Sauk City.....	Sauk City Munic. Elec. Light Plant	1	60	1	50					50	1	35	30
Seymour.....	Seymour Elec. Co.....	1	100	1	85					85	1	50	40
Sheboygan.....	Sheboygan Light, Power & Railway Co.....	4	1,000	4	2,200					2,200	3	1,150	650
Sheboygan Falls..	Falls Light & Power Co.....	3	400	2	250					250	3	150	
Shell Lake.....	Shell Lake Munic. Water & Light Plant.....	2	125	1	125					125	2	33	28
Soldier's Grove..	Soldier's Grove Elec. Co.....			2	100					100	1	75	50
Sparta.....	O. I. Newton's Sons Co.....	1	150	3	400	1	150			550	3	337	321
Spooner.....	Spooner Munic. Water & Light Plant.....			1	87					87	2	99	38
Spring Green.....	Spr. Gr. Munic. Elec. Light Plant.....	2	125			1	80			80	1	37	37
Stanley.....	Northwestern Lumber Co.....	2	350			1	175			175	2	180	
Stevens Point....	Stevens Point Lighting Co.....			1	550					550	1	300	
Stoughton.....	Stoughton Munic. Elec. Light System.....	1	160	2	300	1	150			450	4	237	150
Sturgeon Bay.....	St. Bay Munic. Elec. Light Plant.....	3	240			2	200			200	4	160	145
Superior.....	Sup. Water, Light & Power Co.....	4	710	2	1,420	2	800			2,220	3	1,550	1,260
Two Rivers.....	Two Rivers Munic. Water & Light Plant.....	2	250			1	195			195	2	115	110
Viroqua.....	Viroqua Elec. Light Co.....	2	160			1	150			150	1	100	80
Walworth.....	T. H. Windsor.....									(1)			
Washburn.....	Washburn Elec. Light and Power Co.....	3	360			2	400			400	3	265	103
Waterford.....	Waterford Elec. Light Co.....			4	160					160	1	60	42
Watertown.....	Watertown Gas & Elec. Co.....	2	240	2	200	2	500			700	3	625	360
Waukesha.....	Waukesha Gas & Elec. Co.....	2	250			2	300	2	175	475	3	231	118
Waupun.....	Waupun Munic. Light Plant.....	3	228			3	192			192	3	170	105
Wausau.....	Wausau Elec. Co.....	3	360	4	1,200	1	500			1,700	2	700	500
West Bend.....	West Bend Heating & Lighting Co.....	2	200	1	85	1	150			235	2	120	85
Westby.....	Wertby Munic. Light Plant.....	1	100			1	85			85	1	40	40

¹ Company purchases power—amount not reported.

Westfield.....	Westfield Milling & Elec. Light Co.....	.....	.....	2	100	.....	.....	.....	.....	100	.....	1	50	28
West Salem.....	Neshonoc Light & Power Co.....	.....	.....	3	130	.....	.....	.....	.....	130	.....	1	60	60
Weyauwega.....	Weyauwega Elec. Light Co.....	.....	.....	2	150	.....	.....	.....	.....	150	.....	1	75	60
Whitewater.....	Whitewater Elec. Light Co.....	2	150	.....	.....	2	185	1	6	191	.....	3	170	120
Wittenberg.....	Viking Lumber Co.....	.....	.....	2	100	.....	.....	.....	.....	100	.....	1	75	56
Wyocena.....	Duck Creek Light & Power Co.....	.....	.....	3	112	.....	.....	1	35	147	.....	1	60	50

TABLE VIII.—ELECTRIC PLANTS, 1907—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	LOAD DATA.					Meters	Trans- formers.	Length of service.
		Com- mercial con- sumers.	Arcs.	Motors.		Total con- nected load K. W.			
				No.	Total H. P.				
Albany	Albany Elec. Light & Milling Co.....	91	15	.....	.....	30	10	Night.
Algoma.....	Algoma City Water & Light Plant.....	126	29	.....	.....	138	100	25
Alma.....	Alma Elec. Light Plant.....	120	7	2	1.66	52	33	.....
Amery.....	Amery Electric Co.....	57	9	.....	.....	39	.....	Dusk to midnight.
Amherst.....	B. E. Dwindell & Co.....	50	12	.....	.....	30	40	Dusk—dawn. Dusk—midnight. ²
Antigo.....	Antigo Elec. Light Co.....	504	131	21	108.00	475	450	.....
Appleton.....	Wis. Trac., Light, Heat & Power Co.....	1,360	1,253	166	621.00	1,757	644	120	
Arcadia.....	Arcadia Elec. Light & Power Plant.....	152	6	.....	.....	75	130	.....
Ashland.....	Ashland Light, Power & St. Ry. Co.....	652	91	3	8.50	587	483	143	
Athens.....	Athens Elec. Light & Power Co.....	89	10	.....	.....	107	.....	.....
Augusta.....	J. L. Ball Elec. Light Plant.....	87	9	.....	.....	65	28	.....
Baldwin.....	Baldwin Elec. Light & Fuel Co.....	93	13	1	10.00	60	37	.....
Bangor.....	Hussa Bros. Light & Power Plant.....	63	2	5	8.00	65	60	.....
Baraboo.....	Baraboo Lighting Co.....	272	61	.....	.....	330	.....	.....
Barro.....	Barron Munic. Light Plant.....	238	19	.....	.....	133	147	29
Bayfield.....	Bayfield Munic. Light Plant.....	190	20	.....	.....	100	172	121
Beaver Dam.....	Beaver Dam Illuminating Co.....	125	92	8	25.00	434	369	65	
Belleville.....	Belleville Mills & Elec. Light Plant.....	21	.....	.....	.....	16	.....	.....
Beloit.....	Beloit Water, Gas & Elec. Co.....	659	208	126	527.00	1,471	659	.....
Berlin.....	Berlin Lighting, Heating & Power Co.....	319	86	50	654.50	753	258	117	
Birnamwood.....	Birnamwood Elec. Light Plant.....	85	13	.....	.....	50	20	.....
Black River Falls.....	B. R. Falls Munic. Elec. Plant.....	214	.....	1	50.00	60	90	25
Blair.....	Blair Elec. Light & Pumping Station.....	.....	10	.....	.....	48	3	.....
Bloomer.....	Martin Rasmus, Elec. Light Plant.....	80	7	.....	.....	45	54	20
Boscobel.....	Boscobel Elec. Light & Power Co.....	152	35	.....	.....	93	148	28

Boyd.....	Chas. Shong & Son.....	34	15			30	12	Night.	
Brodhead.....	Brodhead Elec. Co.....	330	6	1	25.00	100	120	Night.	
Burlington.....	Burlington Elec. Light & Power Co.....	365	6	26	140.00	300	311	Continuous.	
Cashton.....	Cashton Milling Co.....	31		1	75.00	70		Night.	
Cedarburg.....	Cedarburg Elec. Light Plant.....	136	38	2	1.75	95	23	Night.	
Chetek.....	Chetek Light & Power Co.....	110	7			44	12	Night.	
Chippewa Falls.....	Chippewa Falls W. Wks. & Lighting Co.....	356	158	29	203.00	596	225	138	Continuous.
Clintonville.....	Clintonville Elec. Light Plant.....	143	25			179	143	23	Continuous.
Colfax.....	Colfax Mill & Power Plant.....	42		1		40	6		Night.
Columbus.....	Columbus Water Wks. & Lighting Plant.....	228	81	23	50.25	325	242		Continuous.
Cuba City.....	Cuba City Elec. Light Plant.....	72	17	1		20	15		Night.
Cumberland.....	Cumberland Munic. Lighting Plant.....	150				150			Night.
Darlington.....	Darlington Elec. Light & Water Co.....	191	8			207	144		Dusk—dawn.
De Pere.....	De Pere Elec. Light & Power Co.....	388	107	77	363.00	822	318		Continuous.
Dodgeville.....	Dodgeville Elec. Light & Power Co.....	100	5			60	76	35	Dusk—midnight. ²
Durand.....	Durand Light & Power Co.....	99	4	5	92.50	250			Continuous.
Eau Claire.....	Chippewa Valley Ry. Light & Power Co.....	739	340	151	1,010.75	1,744	542	100	Continuous.
Edgerton.....	Edgerton Elec. Light Co.....		15	16	56.00	65	276	26	Continuous.
Elkhart Lake.....	Milwaukee & Fox River Valley Ry. Co.....	90		1	20.00	68	48	22	Dusk—midnight. ²
Elkhorn.....	Elkhorn Light & Power Co.....	213	136			96	211	30	Night.
Ellsworth.....	Ellsworth Heat, Light & Power Co.....	111	17			128	64	22	Night.
Elroy.....	Elroy Munic. Light & W. Wks. Plant.....	260	26			242	243	33	Night.
Evansville.....	Evansville Water & Light Dep't.....	180	35			190	169	24	Night.
Fennimore.....	Fennimore Munic. Elec. Light Plant.....		23			83			Night.
Fond du Lac.....	Eastern Wis. Ry. & Light Co.....	1,335	290	134	600.00	1,500	1,413	139	Continuous.
Ft. Atkinson.....	Ft. Atkinson Light & Water Dept.....	264	7	73	63.00	100	521	123	Continuous.
Fountain City.....	Fountain City Light & Power Co.....	78	4	6	141.00	125	52	12	Continuous.
Frederick.....	Dahlberg Bros.....	80	4	1	75	35			Night.
Galesville.....	Davis Mill Co.....								Dusk—midnight. ²
Guys Mills.....	Atwood & Haggerty.....	61	6			16		15	Dusk—11:00; 5:30—dawn.
Glenwood.....	Glen. & Downing Light & Power Co.....	90	8			42	45	20	Night.
Grand Rapids.....	Grand Rapids Elec. & Water Co.....	650	55	18	55.00		285		Continuous.
Grantsburg.....	Grantsburg Munic. Elec. Light Plant.....	113	7	2	6.00	47	50		Dusk—midnight. ²
Green Bay.....	Green Bay Gas & Elec. Co.....	913	161	31	239.00	1,500			Continuous.
Hartford.....	Hartford Elec. Co.....	225		4	15.00	60			Continuous.
Hudson.....	Burkhardt Milling, Elec. Light & Power Co.....	472	55	8	63.00	360	337	72	Continuous.
Independence.....	Independence Munic. Elec. Light Plant.....			1		30			Dusk to 1:00 a. m.
Iola.....	Frogner Bros. & Son.....	74			.66	71	46		Dusk—mid.; 5:00 dawn.
Iron River.....	Iron River Water, Light & Power Co.....	153	20	3	136.00	184	46	51	Power continuous.
Janesville.....	Janesville Elec. Co.....	886	211	450	847.00	1,806	1,026	45	Continuous.

¹ Ares for public service only, no others reported.

² Service given from 5:30 a. m. to dawn, during winter.

TABLE VIII.—ELECTRIC PLANTS, 1907—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	LOAD DATA.					Meters	Trans- formers.	Length of service.
		Com- mer- cial con- sumers.	Arcs.	Motors.		Total con- nected load K. W.			
				No.	Total H. P.				
Jefferson.....	Jefferson Munic. Light Plant.....	217				65		Night.	
Kaukauna.....	Kauk. Gas, Elec. Light & Power Co.....	588	53	57	240.00	507	205	21	
Kenosha.....	Kenosha Gas & Elec. Co.....	588	155	51	202.50	805	596	76	
Kewaskum.....	Kewaskum Elec. Light Co.....	40	19			80			
Kilbourn.....	Kilbourn Munic. Elec. Light Plant.....	120							
LaCrosse.....	LaCrosse Gas & Elec. Co.....	2,930	525	328	1,870.00	5,000	2,930		
Ladysmith.....	Ladysmith Lighting Co.....	250	35			90	58	42	
LaFarge.....	LaFarge Elec. Co.....	74	10			60	10	8	
Lake Geneva.....	Equitable Elec. Light Co.....	366	7	45	130.00	600	366		
Lake Mills.....	Creamery Package Mfg. Co.....	105	9	3	10.00	158	38	70	
Lancaster.....	Lancaster Elec. Light Co.....	165	52	1	2.00	190	112	6	
Madison.....	Madison Gas & Elec. Co.....	3,069	265	268	1,412.80	24,892	2,919	52	
Manawa.....	Little Wolf River Lumber Co.....	40	4			242			
Manitowoc.....	Manitowoc Elec. Light Co.....	976	126	26	55.00	1,115	976		
Marinette.....	Men. & Mari. Light & Traction Co.....	666	170	73	215.00	1,014	700	58	
Marshfield.....	Mar. Water, Elec. Light & Power Co.....	330	79	8	34.00	510	293	33	
Mauston.....	Mauston Elec. Service Co.....	190	27			140	167	35	
Mayville.....	Northwestern Iron Co.....	115	27	10	80.00	70			
Mazomanie.....	Maz. Munic. Light & Water Plant.....	100				50	65		
Medford.....	Medford Light & Heating Co.....	165	30			140	147		
Mellen.....	Mellen Water & Light Co.....	121	5			298	41	47	
Menasha.....	Menasha Munic. Elec. Light Plant.....		80			163		3	
Menomonee Falls.....	Men. Falls Elec. Light Co.....	55	20			162			
Menomonie.....	Men. Elec. Light & Power Co.....	259	64	7	37.50	495	270	74	
Merrill.....	Merrill Ry. & Lighting Co.....	444	108	22	155.50	650	382		

Milwaukee.....	The Mil. Elec. Ry. & Light Co....	\$6,246	3,794	157	12,156.00	24,148	6,210	205	Continuous.
Milwaukee.....	Mil. Light, Heat & Traction Co.....		516	5	1,150.00	3,359	2,012	72	Continuous.
Milwaukee.....	Plankinton Elec. Light & Power Co.....	112	407	64	275.00	1,159	156		Continuous.
Milwaukee.....	Ry. Exchange Bldg. Co.....	62	9	1	3.50	130	58		Continuous.
Milwaukee.....	Wells Power Co.....	475	550	350	575.00	1,600	570		Continuous.
Mineral Point....	Mineral Point Elec. Light Co.....	177	9	5	95.00	150	172	63	Continuous.
Modovi.....	Mondovi Electric Light Plant.....	120	17			47	71		Night.
Monroe.....	Monroe Elec. Light & Power Co.....	68	14		33.00	533	315	70	Continuous.
Montello.....	Montello Granite Co.....	18				60		122	Dusk—midnight.
Monticello.....	Mont. Munic. Electric Light Plant.....		20				89	12	Dusk—midnight.
Mt. Horeb.....	Mt. Horeb Elec. Light Co.....	101	1			40	35		Night.
Necedah.....	Necedah Milling & Elec. Co.....	125	14	1	2.00	50	10		Dusk—midnight. ⁴
Neillsville.....	Neillsville Elec. Light & Power Co.....		36				88		Dusk—midnight. ⁴
New Glarus.....	New G. Elec. Light & Water Co.....		15						Continuous.
New London.....	New L. Elec. Light & Water Works.....	223	51			100			Night.
New Richmond.....	New R. Munic. Light and Water Plant.....	230	17			230		8	Continuous.
New Richmond.....	New R. Power Co.....	2		22	78.00	300		1	Continuous.
North Freedom.....	North F. Elec. Light Co.....	28				19	29	6	Night.
N. Milwaukee.....	N. Mil. Light & Power Co.....	72	39	10	24.25	100			Continuous.
Oconomowoc.....	Oconomowoc Munic. Light Dept.....	327	50	8	9.00	480		103	Night.
Oconto.....	Oconto Elec. Co.....	125	89	11	60.00	232	127	37	Continuous.
Oconto.....	Peoples Land & Mfg. Co.....	244		13	112.00	220			Continuous.
Omro.....	Omro Elec. Light Co.....	92	1			50	48		Night.
Oshkosh.....	Oshkosh Gas Light Co.....	975	699	182	1,606.00	2,877	1,115	235	Continuous.
Pardeeville.....	Pard. Elec. Light Plant.....	62				46	31		Night.
Park Falls.....	Park Falls Water, Light & Power Co.....	64	30	1	4.00	97	76		Continuous.
Plainfield.....	Starks & Steel.....	75	17			30	75		Night.
Platteville.....	Platteville Elec. Light & Power Co.....	432	22			280	216		Night.
Plymouth.....	Plymouth Munic. Elec. Light Plant.....	300	80	12	31.00	104	314	60	Continuous.
Portage.....	Portage Elec. Light Co.....	298	69			349	330	49	Night.
Port Washington.....	Wisconsin Chair Co.....	198	69	16	71.75	210	205	29	Continuous.
Prairie du Chien.....	Prairie City Elec. Light Co.....	186	30	1	.50	100	128	11	Night.
Princeton.....	Princeton Munic. Light Dept.....	140	26	1	.50	90	81	17	Night.
Randolph.....	Randolph Munic. Elec. Light Plant.....	104	6			100	100		Night.
Rhineland.....	Rhineland Lighting Co.....	384	62	17	34.00	328	239	81	Continuous.

¹ Arcs for public service only, no others reported.

² Does not include traction.

³ Rates are filed and business transacted for both the M. L. H. & T. Co., and T. M. E. R. & L. Co., by the T. M. E. R. & L. Co. The consumers reported are listed: Milwaukee... 4,357 Wauwatosa..... 220 Waukesha..... 6 West Milwaukee..... 20 Racine..... 1,262 South Milwaukee... 225 West Allis... 156

⁴ Service given from 5:30 a.m. to dawn during winter.

TABLE VIII.—ELECTRIC PLANTS, 1907—Continued.

Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	LOAD DATA.					Meters	Transformers.	Length of service.
		Com- mercial con- sumers.	Arcs.	Motors.		Total con- nected load K. W.			
				No.	Total H. P.				
Rice Lake	Rice Lake Munic. Elec. Light Plant.....	372	29	.....	.....	165	232	76	Night.
Richland Center	Richland Center Munic. Elec. Light Plant	225	76	2	5.12	130	216	61	Night.
Ripon	Ripon Light & Water Co	182	64	3	.50	231	176	53	Night.
River Falls	River Falls Munic. Elec. Light Plant	364	37	28	125.00	700	304	42	Continuous.
St. Croix Falls.....	Minnesota Improvement Co	47	7	2	2.50	.....	80	.....	Continuous.
Sauk City	Sauk City Munic. Elec. Light Plant	107	.....	.....	.....	100	.....	.....	Night.
Seymour	Seymour Elec. Co	90	14	.....	.....	150	63	43	Night.
Sheboygan	Sheboygan Light, Power & Railway Co.....	1,200	488	100	500.00	1,500	1,050	262	Continuous.
Sheboygan Falls	Falls Light & Water Co	100	36	11	33.90	150	96	.....	Continuous.
Shell Lake.....	Shell Lake Munic. Water & Light Plant	90	10	.....	.....	28	.....	.....	Night.
Soldiers Grove.....	Soldiers Grove Elec. Co.....	100	.....	.....	.....	55	.....	.....	Night.
Sparta	O. I. Newton's Sons Co	329	61	26	183.00	789	254	32	Continuous.
Spooner	Spooner Munic. Water & Light Plant	130	4	1	.12	55	102	9	Night.
Spring Green	Spring Green Munic. Elec. Light Plant .....	.....	3	.....	.....	47	81	17	Night.
Stanley	Northwestern Lumber Co.....	139	36	2	1.00	100	35	67	Night.
Stevens Point	Stevens Point Lighting Co.....	.....	83	25	105.00	.....	276	107	Continuous.
Stoughton	Stoughton Munic. Electric Light System.....	366	73	6	18.00	265	310	41	Continuous.
Sturgeon Bay	Sturgeon Bay Munic. Elec. Light Plant.....	328	41	1	1.50	.....	242	30	Night.
Superior	Superior Water, Light & Power Co.....	1,881	390	76	854.00	2,738	1,906	437	Continuous.
Two Rivers	Two Rivers Munic. Water & Light Plant.....	213	65	.....	.....	335	212	39	Night.
Viroqua	Viroqua Elec. Light Co.....	245	12	.....	.....	80	111	26	Night.
Walworth	T. H. Windsor	77	34	12	307.00	264	69	14	Night.
Washburn	Washburn Elec. Light & Power Co.....	233	26	2	2.25	150	.....	.....	Night.
Waterford	Waterford Elec. Light Co.....	75	.....	12	14.00	50	.....	.....	Night.
Watertown	Watertown Gas & Elec. Co.....	425	107	64	389.00	741	396	55	Continuous.

Waukesha	Waukesha Gas & Elec. Co.....	194	107	4	3.00	345	186	42	9:00 a. m.—1:00 a. m.
Waupun	Waupun Munic. Light Plant	253	46			286	268	29	Continuous.
Wausau	Wausau Elec. Co.....	717	146	110	919.00	1,700			Continuous.
West Bend.....	West Bend Heating & Lighting Co.....	141	71			200	115		Continuous.
Westby.....	Westby Munic. Light Plant.....	120				44	43		Night.
Westfield	Westfield Milling & Electric Light Co.....	60	121			35	44	8	Night.
West Salem.....	Neshonoc Light & Power Co.....	112	5			60	70	16	Night.
Weyauwega	Weyauwega Elec. Light Co.....	41	20	1	150.00	60		31	Night.
Whitewater.....	Whitewater Elec. Light Co.....	331	40				334	40	Night.
Wittenberg.....	Viking Lumber Co.....	81	26	1	10.00	60	73	12	Night.
Wycocena.....	Duck Creek Light & Power Co.....	29				50	13	12	Night.

¹Arcs for public service only, no others reported.

TABLE I.—GAS PLANTS, 1907.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING REVENUES.					OPERATING EXPENSES.				
		Public service.	Commercial service.	By-products.	Miscellaneous receipts.	Deduct discount etc.	Total.	Production.			
								Labor.	Supplies and expenses.	Maintenance.	Total.
Appleton.....	Wisconsin T. L. H. & P. Co.		\$68,383 81	\$16,940 54	\$1,181 62	\$436 19	\$86,069 78	\$3,401 78	\$34,826 54	\$2,319 90	\$40,548 22
Ashland.....	Ashland L. P. & S. Ry. Co.	\$3,000 00	24,041 59	13 16		4,502 36	22,552 39	1,088 80	7,657 31	426 03	9,172 14
Baraboo.....	Baraboo Lighting Co.		8,750 00	2,130 00			10,880 00	1,440 00	7,087 80		8,527 80
Beloit.....	Beloit Water, G. & E. Co.	38 18	50,402 39	14,006 02	55 21	83 41	64,418 39	6,480 82	24,375 50	630 93	31,487 25
Berlin.....	Berlin Gas Co.		10,471 25	543 78		1,414 03	9,601 03	1,304 09	3,629 04	192 00	5,125 13
Chip. Falls....	Chippewa F. W. W. & L. Co.		8,093 81	103 12	114 13		8,311 06	580 00	2,721 26	648 74	3,950 00
Eau Claire....	Eau Claire Gas Light Co.		40,030 84	9,447 61	4,751 63	171 58	54,065 50	3,524 73	16,015 41	180 69	19,720 83
Fond du Lac..	Eastern Wis. Ry. & L. Co.		38,958 40	14,769 83	2,817 00		56,545 23	1,129 39	22,694 01	4,184 24	28,007 64
Green Bay....	Green Bay Gas & E. Co.		41,293 45	15,264 70	591 77	4,621 60	52,528 32	6,364 11	26,103 65	1,440 60	33,908 36
Janesville....	New Gas Light Co.		68,597 72	288 72		4,777 54	64,108 90	3,743 88	16,872 98	1,525 52	22,142 38
Kenosha.....	Kenosha Gas & E. Co.		79,586 18	658 86	1,291 26	255 57	81,280 73	3,748 19	32,410 26	896 42	37,054 87
La Crosse....	La Crosse Gas & E. Co.		61,160 55	25,927 02			87,087 57	7,159 43	45,611 57	2,198 50	54,969 50
Madison.....	Madison Gas & E. Co.		121,367 62	22,218 19	19,919 71		163,505 52	15,326 81	68,327 14	6,380 53	90,034 48
Manitowoc....	Manitowoc Gas Co.		22,293 58	5,890 89	5,944 15	245 86	33,882 76	2,174 55	9,451 80	170 20	11,796 55
Marquette....	Mn'e & Mar'te L. & T. Co.		10,434 54	1,439 94			11,874 48	1,609 43	3,827 64	1,234 81	6,671 88
Menomonie... ¹	Menomonie Gas Co.		5,513 75				5,513 75	782 00	1,866 41	290 55	2,938 96
Milwaukee... ²	Milwaukee Gas Light Co.	25,778 32	1,703,846 29	356,056 11	9,010 66	2,625 45	2,092,065 93	85,811 28	823,427 13	59,874 08	769,112 49
Portage.....	Oshkosh Gas Light Co.	436 00	69,000 16	24,879 30	6,249 51	51 71	100,513 26	12,222 17	35,040 57	1,716 12	48,978 86
Portage.....	American Gas Co.	2,116 13	18,807 48	6,989 38	154 93		28,067 92	1,743 02	11,461 42	819 90	14,024 34
Racine.....	Racine Gas Light Co.		159,952 08	51,072 77	1,040 99	237 76	211,828 08	12,611 67	72,759 94	5,636 53	91,008 14
Sheboygan....	Sheboygan Gas Light Co.		38,281 03	9,173 19		418 75	47,035 47	4,026 59	14,036 50	1,297 68	19,360 77
Stevens Point	Stevens Point Light'ng Co.		11,746 60		493 15		12,239 75	1,200 00	3,989 52	252 48	5,442 00
Superior.....	Superior Water, L. & P. Co.		55,818 78				55,818 78	1,321 06	417,589 19	1,701 96	19,081 21
Watertown....	Watertown Gas & E. Co.	1,886 25	26,557 29	6,471 67		69 22	34,845 99	2,032 93	13,638 13	912 60	16,583 66
Waukesha....	Waukesha Gas & E. Co.	18 00	42,076 90	13,609 50	129 92	2,060 83	53,773 49	5,961 90	25,553 02	2,965 69	34,480 61
Wausau.....	Wausau Gas Co.		24,661 46	7,162 84		2,030 08	29,794 22	3,019 89	12,700 76	962 47	16,683 12
Total.....		\$33,272 88	\$2,810,127 55	\$605,057 14	\$53,745 64	\$24,001 91	\$3,478,201 30	\$189,808 52	\$1,153,674 50	\$97,328 17	\$1,440,811 19

¹Oil gas plant.

²Includes \$3,878.40 purchased gas.

³Includes \$187,874.44 purchased gas.

⁴Includes \$17,150.70 purchased gas.

TABLE I.—GAS PLANTS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING EXPENSES—(CONCLUDED.)								
		Distribution.				General.			Total operating expenses.	
		Labor.	Supplies and expenses.	Main-tenance.	Gratu-ous work.	Total.	Salaries.	Supplies and expenses.		Total.
Appleton.....	Wisconsin Traction, L. H. & P. Co.....	\$3,287 70	\$484 91	\$4,969 98	.....	\$8,682 59	\$4,108 73	\$6,667 36	\$10,776 09	\$30,006 90
Ashland.....	Ashland Light, Power & St. Ry. Co.....	2,164 67	439 53	274 30	\$11 00	2,889 50	1,460 05	1,068 10	2,328 16	14,589 80
Baraboo.....	Baraboo Lighting Co.....	.....	.....	.....	.....	.....	750 00	150 00	900 00	9,427 80
Beloit.....	Beloit Water Gas & Electric Co.....	157 82	460 39	511 11	396 73	1,526 05	4,392 64	2,729 15	7,121 79	40,153 09
Berlin.....	Berlin Gas Co.....	576 00	150 00	20 00	.....	746 00	1,416 00	1,035 92	2,451 92	8,323 05
Chip. Falls....	Chippewa Falls Waterworks & L. Co.....	.....	.....	.....	.....	1,145 00	.....	.....	927 63	6,022 63
Eau Claire....	Eau Claire Gas Light Co.....	2,451 52	77 58	636 31	205 76	3,371 17	4,783 60	3,966 84	8,750 44	31,842 44
Fond du Lac..	Eastern Wisconsin Ry. & Light Co.....	.....	.....	.....	.....	3,714 36	2,443 36	2,649 47	5,092 83	36,814 83
Green Bay....	Green Bay Gas & Electric Co.....	1,513 52	448 90	702 32	1,001 60	3,666 34	3,065 03	4,129 40	7,195 43	44,770 13
Janesville....	New Gas Light Co.....	1,792 24	1,165 40	1,189 55	1,087 19	5,235 38	4,049 15	6,489 18	10,538 33	37,916 09
Kenosha.....	Kenosha Gas & Electric Co.....	1,182 85	284 81	1,105 53	694 24	3,267 43	3,453 00	3,030 90	6,483 90	46,806 20
La Crosse....	La Crosse Gas & Electric Co.....	1,277 63	911 87	445 32	279 21	2,914 03	2,974 26	2,256 70	5,229 96	63,113 49
Madison.....	Madison Gas & Electric Co.....	5,455 19	1,636 37	5,334 78	6,280 39	18,705 64	3,430 08	8,460 97	11,891 05	120,632 17
Manitowoc....	Manitowoc Gas Co.....	1,105 03	132 06	718 14	418 98	2,374 21	2,144 50	2,563 89	9,708 39	23,879 15
Marinette....	Menominee & Marinette L. & T. Co.....	.....	.....	.....	.....	2,271 20	460 00	188 28	648 28	9,591 36
Menomonie... ¹	Menomonie Gas Co ¹.....	.....	.....	.....	150 00	150 00	898 00	265 10	1,153 10	4,247 06
Milwaukee....	Milwaukee Gas Light Co.....	69,404 21	12,885 99	45,917 10	7,633 24	135,845 54	70,253 86	76,917 03	147,171 03	1,052,129 06
Oshkosh.....	Oshkosh Gas Light Co.....	3,034 35	474 59	.....	1,329 68	4,838 62	2,726 66	5,587 60	8,314 26	62,131 74
Portage.....	American Gas Co.....	326 10	819 07	194 21	120 74	1,460 12	2,327 84	1,098 78	3,426 62	18,911 08
Racine.....	Racine Gas Light Co.....	1,667 97	.....	5,712 34	1,724 04	9,104 35	9,652 85	13,514 88	23,167 73	123,280 22
Sheboygan....	Sheboygan Gas Light Co.....	285 70	737 09	1,302 98	472 05	2,797 82	3,270 00	3,391 82	6,661 82	28,820 41
Stevens Point.	Stevens Point Lighting Co.....	1,080 00	538 23	.....	.....	1,618 23	1,272 00	964 55	2,236 55	9,296 78
Superior.....	Superior Water, Light & Power Co.....	3,502 51	203 40	587 91	250 68	4,544 50	3,808 83	4,368 10	8,176 93	31,802 64
Watertown....	Watertown Gas & Electric Co.....	540 00	.....	1,189 45	1,154 11	2,833 56	1,182 02	2,209 50	3,391 52	22,808 74
Waukesha....	Waukesha Gas & Electric Co.....	896 90	.....	506 90	864 53	2,268 33	2,022 97	1,888 68	3,911 65	40,660 59
Wausau.....	Wausau Gas Co.....	312 01	64 04	126 29	112 07	614 41	1,731 85	1,875 89	3,607 74	20,905 27
Total.....		\$102,018 92	\$21,915 23	\$71,334 52	\$24,186 15	\$226,585 38	\$138,078 29	\$162,462 23	\$301,468 15	\$1,938,864 72

¹Oil gas plant. ²Includes \$4,833.97 cost of stoves and other sales. ³Includes \$7,130.56 undistributed expense. ⁴Includes \$927.63 undistributed expenses.

TABLE I.—GAS PLANTS, 1907.—(Concluded).
Income Account of Plants Operating in Municipalities of Over 5,000 Population.

NAME OF COMPANY.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.			Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.	Total.		
(Appleton) Wis. T. L., H. & P. Co.	\$26,002 88	\$2,175 74	\$ 28,238 62	\$3,267 19	\$18,468 00	\$21,735 19	\$2,054 62		\$2,054 62		\$4,448 81
Ashland Lt., P. & St. Ry. Co.	7,902 59	30 00	7,992 59	1,239 60	1,663 12	2,902 72					5,089 87
Baraboo Lighting Co.	1,452 20		1,452 20	720 81		720 81					731 39
Beloit W., G. & E. Co.	24,283 30	258 77	24,542 07	2,081 91	15,585 27	17,667 18				\$2,100 00	4,774 89
Berlin Gas Co.	1,277 98		1,277 98	303 00	936 42	1,239 42					88 56
Chippewa Falls W. & L. Co.	2,288 43		2,288 43	631 25	1,200 00	1,831 25					457 18
Eau Claire, G. L. Co.	22,216 06		22,216 06	2,287 32	10,919 68	13,207 00				6,440 00	2,569 06
(Fond du Lac) E. Wis. Ry. & L. Co.	19,730 40		19,730 40	1,770 00	14,750 00	16,520 00					3,210 40
Green Bay G. & E. Co.	7,758 19		7,758 19	2,071 00	18,600 00	20,671 00					12,912 81
(Janesville) New G. L. Co.	26,192 81	182 54	26,375 35	3,242 42	11,450 00	14,692 42				5,000 00	6,682 93
Kenosha G. & E. Co.	34,474 53	480 81	34,955 34	1,407 11	8,465 69	9,872 80		\$8,612 25	8,612 25		16,470 29
La Crosse G. & E. Co.	23,974 08		23,974 08	1,460 54	17,283 33	18,743 87					5,230 21
Madison G. & E. Co.	42,873 35		42,873 35	2,487 24	19,924 71	22,411 95	9,165 60		9,165 60		11,285 80
Manitowoc Gas Co.	10,003 61		10,003 61	1,039 39	5,764 47	6,803 86					3,199 75
Menominee & Mar. L & Tr. Co.	2,283 12		2,283 12	530 25	948 32	1,478 57					804 55
Menomonie Gas Co.	1,266 69		1,266 69	287 62	123 80	411 42					855 27
Milwaukee G. L. Co.	1,039,936 87	17,861 75	1,057,798 62	131,113 73	305,323 62	436,437 35	180,000 00		180,000 00	343,400 03	97,961 24
Oshkosh G. L. Co.	38,381 52	2,292 66	40,674 18	3,595 70	14,528 09	18,123 79	175 08		175 08		22,375 31
(Portage) Am. Gas Co.	9,156 84		9,156 84	520 00	2,400 00	2,920 00				6,236 84	
Racine G. L. Co.	88,547 86		88,547 86	7,410 75	50,000 00	57,410 75				30,000 00	1,137 11
Sheboygan G. L. Co.	18,215 06	4,325 36	22,540 42	1,308 26	12,595 73	13,903 99				7,500 00	1,136 43
Stevens Point L. Co.	2,942 97		2,942 97	484 50	3,179 09	3,663 59					1720 62
Superior W. L. & P. Co.	24,016 14		24,016 14	1,864 01	11,415 46	13,279 47	7,500 00	1,253 00	8,753 00		1,983 67
Watertown G. & E. Co.	12,037 25	1,375 53	13,412 78	490 46	5,750 04	6,240 50		461 51	461 51		6,710 77
Waukesha G. & E. Co.	13,112 90		13,112 90	595 50	3,600 00	4,195 50				6,851 31	2,066 09
Wausau Gas Co.	8,885 95	1,433 09	10,322 04	1,500 00	8,606 62	10,106 62		277 26	277 26		161 84
Total.....	\$1,509,333 58	\$30,416 25	\$1,539,752 83	\$173,709 56	\$563,481 46	\$737,191 02	\$198,895 30	\$10,604 02	\$209,499 32	\$407,528 18	\$185,534 31

¹Deficit.

TABLE II.—GAS PLANTS, 1907.

Income Account of Gas Companies Operating in Cities of Less Than 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING REVENUES.				OPERATING EXPENSES.				
		Public service.	Commercial service.	Miscellaneous income.	Deduct discounts, etc.	Total.	Production.	Distribution.	General.	Total.
Ripon	Ripon Light and Water Co.....	\$132 00	\$10,294 21	\$4 00	\$112 25	\$10,017 96	\$5,712 25	\$570 81	\$1,432 10	\$7,715 16
Stoughton	Stoughton Light & Fuel Co. ¹		2,826 95	42 49		2,869 44	1,850 89			3,531 16
Wauwatosa	Wauwatosa Gas Co.....		13,126 80	87 30	101 89	13,112 21		4 85	1,675 42	29,575 12
West Allis	West Allis Gas Co.....		12,451 20	120 37	125 12	12,446 45				29,524 14
Total.....		\$132 00	\$38,699 16	\$254 16	\$639 26	\$38,446 06	\$7,563 14	\$575 66	\$3,107 52	\$30,345 58

NAME OF COMPANY.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			RESERVES.			Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.	Total.		
Ripon Light and Water Co.....	\$2,302 80		\$2,302 80	\$254 88	\$729 50	\$984 38				\$453 24	\$865 18
Stoughton Light and Fuel Co. ¹	161 72		161 72		947 32	947 32					1,609 04
Wauwatosa Gas Co.....	3,537 09		3,537 09	177 38	135 88	313 26				2,250 00	973 83
West Allis Gas Co.....	2,922 31		2,922 31	294 09	659 95	954 04				500 00	1,468 27
Total.....	\$8,100 48		\$8,100 48	\$726 35	\$2,472 65	\$3,199 00				\$3,203 24	\$1,698 24

¹ Began operation, Aug., 1907.² Gas purchased.³ Total contains \$19,029.26 unapportioned expense.⁴ Deficit.

TABLE III.—GAS PLANTS, 1907.
Ratio of Operating Expenses and Earnings of all Gas Companies,
(Excluding Gasoline and Carbide Process.)

LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percentage of operating expenses to operating revenues.
		Production.	Distribution.	General.	Total.	
Appleton.....	Wisconsin Traction, Light, Heat & Power Co.....	67.57	14.48	17.94	100.00	69.72
Ashland.....	Ashland Light, Power & Street Railway Co.....	62.87	19.80	17.33	100.00	64.70
Baraboo.....	Baraboo Lighting Co.....	90.46		9.54	100.00	86.65
Beloit.....	Beloit Water, Gas & Electric Co.....	78.46	3.80	17.74	100.00	62.30
Berlin.....	Berlin Gas Co.....	61.58	8.96	29.46	100.00	86.69
Chippewa Falls.....	Chippewa Falls Water Works & Lighting Co.....	65.59	19.01	15.40	100.00	72.47
Eau Claire.....	Eau Claire Gas Light Co.....	61.93	10.58	27.49	100.00	58.90
Fond du Lac.....	Eastern Wisconsin Railway & Light Co.....	76.08	10.09	13.53	100.00	65.11
Green Bay.....	Green Bay Gas & Electric Co.....	75.74	8.19	16.07	100.00	85.23
Janesville.....	New Gas Light Co.....	58.40	13.82	27.78	100.00	59.14
Kenosha.....	Kenosha Gas & Electric Co.....	79.17	6.98	13.85	100.00	57.59
La Crosse.....	La Crosse Gas & Electric Co.....	87.10	4.62	8.28	100.00	72.44
Madison.....	Madison Gas & Electric Co.....	74.63	15.50	9.87	100.00	73.78
Manitowoc.....	Manitowoc Gas Co.....	49.41	9.94	40.65	100.00	70.47
Marinette.....	Menominee & Marinette Light & Traction Co.....	69.56	23.68	6.76	100.00	80.76
Menomonie.....	Menominee Gas Co.....	69.20	3.53	27.27	100.00	77.03
Milwaukee.....	Milwaukee Gas Light Co.....	73.10	12.91	13.99	100.00	50.30
Oshkosh.....	Oshkosh Gas Light Co.....	78.83	7.79	13.38	100.00	61.82
Portage.....	American Gas Co.....	74.16	7.72	18.12	100.00	67.35
Racine.....	Racine Gas Light Co.....	73.82	7.39	18.79	100.00	58.20
Ripon.....	Ripon Light & Water Co.....	74.04	7.40	18.56	100.00	77.02
Sheboygan.....	Sheboygan Gas Light Co.....	67.18	9.70	23.12	100.00	61.28
Stevens Point.....	Stevens Point Lighting Co.....	58.54	17.40	24.06	100.00	75.96
Stoughton.....	Stoughton Light & Fuel Co.....	52.42	.13	47.45	100.00	123.08
Superior.....	Superior Water, Light & Power Co.....	60.00	14.29	25.71	100.00	56.98
Watertown.....	Watertown Gas & Electric Co.....	72.71	12.42	14.87	100.00	65.46
Waukesha.....	Waukesha Gas & Electric Co.....	84.81	5.58	9.61	100.00	75.62
Wausau.....	Wausau Gas Co.....	79.81	2.93	17.26	100.00	70.17
Wauwatosa.....	Wauwatosa Gas Co.....				100.00	73.03
West Allis.....	West Allis Gas Co.....				100.00	76.52

TABLE IV.—GAS PLANTS, 1907.
(Gasoline and Carbide Process.)
Financial Statement.

MUNICIPALITY.	NAME.	Plant value.	Bonds outstanding.	OPERATING REVENUES.			Operating expenses.	Net operating revenue or deficit.	Taxes.	Interest.	Dividends.	Surplus or deficit.
				Public service.	Commercial service.	Total.						
Acetylene plants.												
Deerfield.....	Urban Construction Co....	\$7,500 00			\$812 85	\$812 85	\$863 59	⁴ \$50 74	\$42 38			⁴ \$93 12
Milton.....	Milton & Milton Jct. Co-operative Plant.....											
Palmyra.....	Municipal Gas Plant.....	2,000 00				500 00	1,000 00	⁴ 500 00				⁴ 500 00
Total.....		\$9,500 00				\$1,312 85	\$1,863 59	⁴ \$550 74	\$42 38			⁴ \$593 12
Gasoline plants.												
Altoona.....	Municipal Gas Plant.....	\$5,000 00	\$4,000 00		\$1,200 00	\$1,200 00	\$1,400 00	⁴ \$200 00		\$240 00		⁴ \$440 00
Cambria.....	Municipal Gas Plant.....	6,000 00	3,000 00		1,236 48	1,236 48	2,144 01	⁴ 907 53		150 00		⁴ 1,057 53
Clinton.....	Municipal Gas Plant ¹	6,500 00	6,500 00		2,000 00	2,000 00	2,340 00	⁴ 340 00		325 00		⁴ 665 00
Fox Lake.....	Municipal Gas Plant.....	7,000 00	5,600 00		3,037 35	³ 3,058 43	3,932 96	⁴ \$74 53		224 00		⁴ 1,098 53
Hammond.....	Municipal Gas Plant.....	4,500 00	3,000 00		1,603 64	1,603 64	1,771 05	⁴ 167 41				⁴ 167 41
Hilbert.....	Municipal Gas Plant.....	7,000 00	5,500 00		1,485 48	1,485 48	1,272 30	213 18		840 00		⁴ 635 82
Horicon.....	Municipal Gas Plant.....	10,500 00	10,000 00				594 96					
Juneau.....	Municipal Gas Plant ¹	13,000 00	13,000 00	\$900 00	3,132 62	4,032 62	4,181 49	⁴ 148 87		650 00		⁴ 798 87
Marion.....	Municipal Gas Plant.....	7,000 00	5,200 00		1,542 03	1,542 03	2,138 98	⁴ 596 95		276 25		⁴ 873 20
Markesan.....	Municipal Gas Plant.....											
Nekoosa.....	Municipal Gas Plant.....	5,000 00				1,800 00	2,210 00	⁴ 410 00				⁴ 410 00
Wautoma.....	Municipal Gas Plant.....	7,500 00	6,000 00			1,679 40	1,470 00	⁴ 209 40		500 00		⁴ 290 00
Total.....		\$79,000 00	\$61,800 00			\$19,638 08	\$22,860 79	⁴ \$3,222 71		\$3,214 25		⁴ \$6,436 36
Hortonville.....	Hortonville Light, Heat & Power Co.....	\$7,500 00	² \$600 00	\$576 00	\$1,208 50	\$1,784 50	\$1,655 90	\$128 60	\$45 61	\$35 00		\$47 99

¹ Also furnishes water service.
² Mortgage.

³ Includes \$21.08 miscellaneous income.
⁴ Deficit.

TABLE V.—GAS PLANTS, 1907.

Balance Sheet of Companies in Operation in Cities of Over 5,000 Population.
Assets.

CITY.	NAME OF COMPANY.	Property assets.	Investments securities, etc.	Current and accrued assets.	Miscellaneous.	Cash.	Deficit.	Total.
Appleton.....	Wis. Traction Light Heat & Power Co.	\$590,578 30	\$89,802 00	\$11,513 99	\$3,849 36	\$12,844 46		\$708,588 11
Ashland.....	Ashland Light, Power & St. Ry Co....	107,531 27		21,237 22	1,928 80	394 10		131,091 39
Baraboo.....	Baraboo Lighting Co.....	46,000 00		1,156 98		1,058 00	\$149,135 02	197,350 00
Beloit.....	Beloit Water, Gas & Electric Co.....	550,752 07		14,660 20		2,725 04		568,137 31
Berlin.....	Berlin Gas Co.....	64,272 39		1,803 00				66,075 39
Chippewa Falls...	Chippewa Falls Water Works & L. Co..	60,000 00		3,297 11				63,297 11
Eau Claire.....	Eau Claire Gas Light Co.....	437,855 11	700 00	20,628 64		1,525 47		460,709 22
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co...	493,285 26		19,836 08		6,773 28		519,894 62
Green Bay.....	Green Bay Gas & Electric Co.....	644,147 87	1,880 74	14,727 08	125 27		19,566 24	680,447 20
Janesville.....	New Gas Light Co.....	500,741 36	10,000 00	21,768 48		4,418 66		536,928 50
Kenosha.....	Kenosha Gas & Electric Co.....	421,589 17	4,000 00	50,386 27	295 90	1,457 03		477,728 37
La Crosse.....	La Crosse Gas & Electric Co.....	551,169 79		24,212 75		595 82	3,139 12	579,117 48
Madison.....	Madison Gas & Electric Co.....	623,399 70		45,193 81	4,146 30	1,147 21		665,594 42
Manitowoc.....	Manitowoc Gas Co.....	402,644 89	100 00	13,998 68				416,683 57
Marinette.....	Menominee & Marinette L. & T. Co...	64,542 36		6,431 88		433 30		71,407 54
Menomonie.....	Menomonie Gas Co.....	25,882 26		1,486 44		134 02		27,502 72
Milwaukee.....	Milwaukee Gas Light Co.....	13,138,259 64	519,706 63	558,033 81		35,329 04		14,251,329 12
Oshkosh.....	Oshkosh Gas Light Co.....	961,368 62	4,877 78	20,170 33		1,931 01		988,347 74
Portage.....	American Gas Co.....	123,014 35		7,352 98		543 06		130,910 39
Racine.....	Racine Gas Light Co.....	1,609,807 49		88,440 35		17,805 53		1,716,053 37
Sheboygan.....	Sheboygan Gas Light Co.....	348,982 26	61,000 00	15,401 04		590 57		425,982 87
Stevens Point...	Stevens Point Lighting Co.....	102,491 29		4,239 14		37 56	10,349 77	117,117 76
Superior.....	Superior Water, Light & Power Co...	455,966 83	57,021 62	8,797 03	927 00	398 04		523,051 12
Watertown.....	Watertown Gas & Electric Co.....	238,686 51		5,635 87	1,274 26	645 71		246,242 35
Waukesha.....	Waukesha Gas & Electric Co.....	250,728 70		22,277 80		734 28		273,740 78
Wausau.....	Wausau Gas Co.....	328,574 60	17,000 00	20,726 59		996 53	885 46	368,183 18
Total.....		\$23,142,272 09	\$766,088 77	\$1,023,353 55	\$4,254 29	\$92,467 32	\$183,075 61	\$25,211,511 63

¹Deduction, special expense account.

TABLE V.—GAS PLANTS, 1907—Concluded.

Balance Sheet of Companies in Operation in Cities of Over 5,000 Population.
Liabilities.

CITY.	NAME OF COMPANY.	Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
Appleton.....	Wisconsin T., L., H. & P. Co.....	\$270,000 00	\$368,550 00	\$14,710 99	\$3,510 00	.....	\$48,817 12	\$708,588 11
Ashland.....	Ashland Light, Power & St. Ry. Co.....	66,637 00	43,334 00	7,380 00	8,315 94	.....	5,394 45	131,091 39
Baraboo.....	Baraboo Lighting Co.....	100,000 00	97,000 00	350 00	.....	.....	.....	197,350 00
Beloit.....	Beloit Water, Gas & Electric Co.....	210,000 00	215,000 00	103,348 32	.....	.....	9,738 99	568,137 31
Berlin.....	Berlin Gas Co.....	35,000 00	.....	30,217 32	.....	.....	858 07	66,075 39
Chippewa Falls.....	Chippewa Falls W. W. & L. Co.....	40,000 00	20,000 00	2,735 64	.....	.....	561 47	63,297 11
Eau Claire.....	Eau Claire Gas Light Co.....	184,000 00	235,000 00	12,928 52	.....	.....	28,780 70	460,709 22
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co.....	175,000 00	295,000 00	22,223 05	22,638 72	.....	5,032 84	519,894 62
Green Bay.....	Green Bay Gas & Electric Co.....	330,000 00	275,550 00	74,897 20	.....	.....	.....	680,447 20
Janesville.....	New Gas Light Co.....	250,000 00	230,000 00	1,739 14	.....	.....	46,189 36	536,928 50
Kenosha.....	Kenosha Gas & Electric Co.....	168,000 00	168,000 00	18,897 31	4,542 98	.....	118,288 08	477,728 37
La Crosse.....	La Crosse Gas & Electric Co.....	192,000 00	320,000 00	159,437 48	7,680 00	.....	.....	579,117 48
Madison.....	Madison Gas & Electric Co.....	192,160 00	240,200 00	55,757 44	12,891 60	.....	164,585 38	665,594 42
Manitowoc.....	Manitowoc Gas Co.....	220,000 00	172,000 00	21,483 82	.....	.....	3,199 75	416,683 57
Marinette.....	Menominee & Marinette L. & T. Co.....	24,500 00	10,000 00	36,103 09	.....	.....	804 45	71,407 54
Menomonie.....	Menomonie Gas Co.....	25,000 00	.....	780 45	.....	.....	1,722 27	27,502 72
Milwaukee.....	Milwaukee Gas Light Co.....	5,000,000 00	8,111,000 00	633,677 88	408,690 00	.....	97,961 24	14,251,329 12
Oshkosh.....	Oshkosh Gas Light Co.....	462,900 00	509,190 00	11,576 02	.....	.....	4,681 72	988,347 74
Portage.....	American Gas Co.....	40,000 00	40,000 00	41,951 30	.....	.....	8,959 09	130,910 39
Racine.....	Racine Gas Light Co.....	500,000 00	700,000 00	416,105 73	46,841 99	.....	53,105 65	1,716,053 37
Sheboygan.....	Sheboygan Gas Light Co.....	150,000 00	250,000 00	7,903 75	.....	.....	18,079 12	425,982 87
Stevens Point.....	Stevens Point Lighting Co.....	40,000 00	50,000 00	27,117 76	.....	.....	.....	117,117 76
Superior.....	Superior Water, Light & Power Co.....	166,900 00	308,765 00	22,461 00	19,110 05	\$296 95	5,518 12	523,051 12
Watertown.....	Watertown Gas & Electric Co.....	100,000 00	100,000 00	26,990 69	2,038 99	.....	17,212 67	246,242 35
Waukesha.....	Waukesha Gas & Electric Co.....	65,000 00	180,000 00	28,740 78	.....	.....	.....	273,740 78
Wausau.....	Wausau Gas Co.....	200,000 00	138,000 00	30,183 18	.....	.....	.....	368,183 18
Total.....	.....	\$9,207,127 00	\$13,115,589 00	\$1,709,747 87	\$539,260 27	\$296 95	\$639,490 54	\$25,211,511 63

¹ Includes \$4,800 accrued dividends on preferred stock.

TABLE VI.—GAS PLANTS, 1907.

Balance Sheet of Companies Operating in Municipalities of Less Than 5,000 Population.

CITY.	NAME OF COMPANY.	ASSETS.			
		Capital assets.	Current accrued assets and cash.	Deficit.	Total.
Ripon.....	Ripon Light and Water Co.....	\$35,766 05	\$6,060 38		\$41,826 43
Stoughton.....	Stoughton Light and Fuel Co.....	156,871 85	9,326 41	\$1,132 83	167,331 09
Wauwatosa.....	Wauwatosa Gas Co.....	48,636 10	3,201 96		51,841 06
West Allis.....	West Allis Gas Co.....	143,270 53	2,950 80		46,221 33
Total.....		\$284,544 53	\$21,542 55	\$1,132 83	\$307,219 91

CITY.	NAME OF COMPANY.	LIABILITIES.				
		Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
Ripon.....	Ripon Light and Water Co.....	\$12,949 79		\$13,399 37	\$15,477 27	\$41,826 43
Stoughton.....	Stoughton Light and Fuel Co.....	85,000 00	\$43,000 00	39,331 09		167,331 09
Wauwatosa.....	Wauwatosa Gas Co.....	45,000 00		3,636 10	3,204 96	51,841 06
West Allis.....	West Allis Gas Co.....	25,000 00		18,687 80	2,533 53	46,221 33
Total.....		\$167,949 79	\$43,000 00	\$75,054 36	\$21,215 76	\$307,219 91

¹Includes \$15,000 stock subscription.

TABLE VII.—GAS PLANTS, 1907.

Statistics of Production and Service Data of Companies Operating in Cities Over 5,000 Population.
Coal gas.

LOCATION.	NAME OF COMPANY.	Coal gas made during year. Cu. ft.	Kinds of coal used.	Tons of coal used.	Cost of coal per ton in shed or storage.	Coke made during year. Tons.	Average price per ton of coke sold.	Coal gas tar made. Gals.	Average price per gallon of tar sold.	Other residu-als.	Average price received per unit sold.
Appleton	Wis. Trac. Light, Heat & Power Co.	59,424,000	Yough	5,775.31	\$4.25	4,037.11	.....	70,868	\$0.02	215,982	\$0.04
Ashland	Ashland Light, Power & Street Ry. Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baraboo	Baraboo Lighting Co.	7,240,850	Yough	912.00	4.90	600.00	\$6.00	10,950	.03	.....	.....
Beloit	Beloit Water, Gas & Electric Co.	39,980,285	Pittsburg	3,914.40	4.17	2,339.47	5.50	51,575	.02	.....	.....
Berlin	Berlin Gas Co.	6,922,000	Yough	77.00	4.30	78.05	6.00	924	.03	3100	.....
Chippewa Falls	Chip. Falls W. Wks. & Lighting Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eau Claire	Eau Claire Gas Light Co.	.....	Yough	3,525.00	4.25	1,453.00	5.67	42,961	.026	.....	.....
Fond du Lac	Eastern Wis. Ry. & Light Co.	39,076,000	Yough	4,212.14	4.40	2,916.00	5.55	50,836	.045	.....	.....
Green Bay	Green Bay Gas & Elect. Co.	49,896,000	Yough	4,781.75	3.50	3,000.15	5.00	56,117	.02	.....	.....
Janesville	New Gas Light Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kenosha	Kenosha Gas & Elec. Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Crosse	La Crosse Gas & Elec. Co.	71,518,000	Yough	7,176.00	4.59	4,305.00	5.50	86,100	.023	.....	.....
Madison	Madison Gas & Elec. Co.	75,116,700	Yough	7,845.80	4.24	4,707.10	6.20	86,297	.024	.....	.....
Manitowoc	Manitowoc Gas Co.	23,228,500	Yough	2,577.43	3.50	1,215.38	4.48	25,000	.017	.....	.....
Marinette	Men.-Mar. Light & Trac. Co.	10,079,700	Y. Kavnake.	1,120.00	3.30	792.00	2.82	9,964	.042	.....	.....
Menomonie	Menomonie Gas Co. ¹	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee	Milwaukee Gas Light Co.	1,117,966,000	.....	115,518.80	2.83	82,848.14	4.81	1,572,894	.026	4595,671	.082
Oshkosh	Oshkosh Gas Light Co.	65,681,000	Yough	6,435.00	4.31	5,547.00	5.00	79,250	.022	217,655	.08
Portage	American Gas Co.	16,374,600	Yough	1,801.80	4.44	638.90	6.00	22,637	.022	.....	.....
Racine	Racine Gas Light Co.	166,687,000	Yough	16,557.46	3.25	11,581.00	3.57	227,014	.029	460,407	.....
Ripon	Ripon Light & Water Co. ¹	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheboygan	Sheboygan Gas Light Co.	32,504,000	Pile Run	4,157.20	3.20	1,976.00	4.15	40,051	.022	21,604	.048
Stevens Point	Stevens Point Lighting Co.	9,925,000	Yough	495.00	4.85	590.00	5.50	9,900	.02	.....	.....
Stoughton	Stoughton Light & Fuel Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Superior	Superior Water, Light & Power Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Watertown	Watertown Gas & Elec. Co.	24,863,400	.....	2,280.00	4.35	1,482.00	4.00	22,800	.015	32,000	.....
Waukesha	Waukesha Gas & Elec. Co.	47,037,500	Yough	4,991.15	3.86	3,272.27	4.35	64,776	.016	.....	.....
Wausau	Wausau Gas Co.	19,412,400	.....	2,024.47	4.42	1,212.50	5.50	24,180	.02	.....	.....
Wauwatosa	Wauwatosa Gas Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Allis	West Allis Gas Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Make oil gas—no records. ² Ammonia. ³ Carbon. ⁴ Ammonia and carbon.

TABLE VII.—GAS PLANTS, 1907.—Continued.
 Statistics of Production and Service Data of Companies Operating in Cities Over 5,000 Population.

LOCATION.	NAME OF COMPANY.	WATER GAS.					PURCHASED GAS.
		Water gas made during year. Cu. ft.	Kinds of fuel used.	Amount of fuel used. Tons.	Water gas tar made. Gals.	Price per gal. of tar sold.	Amount purchased. Cu. ft.
Appleton	Wis. Trac. Light, Heat & Power Co.	4,026,000	Coal, Coke, Brieze	463.11			
Ashland	Ashland Light, Power & St. Ry. Co.	18,400,000	Anthracite	406.00			
Baraboo	Baraboo Lighting Co.						
Beloit	Beloit Water, Gas & Elec. Co.	733,100	Screenings	10.00	395	\$0.01	
Berlin	Berlin Gas Co.						
Chippewa Falls	Chip. Falls W. Works & Lighting Co.	6,018,200	Slabs		3,650		
Eau Claire	Eau Claire Gas Light Co.						
Fond du Lac	Eastern Wis. Ry. & Light Co.						
Green Bay	Green Bay Gas & Elec. Co.						
Janesville	New Gas Light Co.	48,444,425	Coal, Tar, Coke	517.27	14,346	.01	
Kenosha	Kenosha Gas & Elec. Co.	73,500,000	Coal	930.00	32,943	.02	7,756,800
LaCrosse	LaCrosse Gas & Elec. Co.						
Madison	Madison Gas & Elec. Co.	96,074,200			21,713	.024	
Manitowoc	Manitowoc Gas Co.						
Marinette	Men., Mar. Light & Traction Co.						
Menomonie	Menomonie Gas Co. ¹						
Milwaukee	Milwaukee Gas Light Co.	149,279,000	Coke and Coal	3,118.14	164,392	.019	1,126,629,000
Oshkosh	Oshkosh Gas Light Co.						
Portage	American Gas Co.						
Racine	Racine Gas Light Co.						
Ripon	Ripon Light & Water Co. ¹						
Sheboygan	Sheboygan Gas Light Co.						
Stevens Point	Stevens Point Lighting Co.						
Stoughton	Stoughton Light & Fuel Co.	2,515,930	Mine Run	44.96			48,977,000
Superior	Superior Water, Light & Power Co.						
Watertown	Watertown Gas & Elec. Co.						
Waukesha	Waukesha Gas & Elec. Co.						
Wausau	Wausau Gas Co.						11,968,900
Wauwatosa	Wauwatosa Gas Co.						12,242,400
West Allis	West Allis Gas Co.						

¹Make of gas—no records. ²Also used 7,248 gallons of tar.

TABLE VII.—GAS PLANTS, 1907—Concluded.
 Statistics of Production and Service Data of Companies Operating in Cities Over 5,000 Population.

LOCATION.	NAME OF COMPANY.	TOTALS.						SERVICE CONNECTIONS.			
		Total gas produced and purchased during year. Cu. ft.	Gas sold for all purposes. Cu. ft.	Average amount sold per day. Cu. ft.	Largest amount sold in one day. Cu. ft.	Smallest amount sold in one day. Cu. ft.	Per cent. of gas sold which is metered.	Number of gas arcs.	Gas Engines.		Total number consumers.
							No.	Approximate horse power.			
Appleton	Wis. Trac. Light, Heat & Power Co	63,450,000	53,604,500	146,682	233,000	118,000	100	430		2,700	
Ashland	Ashland Light, Power & St. Ry. Co	18,400,000	16,324,000	50,450	78,660	39,400		177	6	738	
Baraboo	Baraboo Lighting Co.	7,240,850	6,360,900	17,427	36,490	8,260	100	25	1	307	
Beloit	Beloit Water, Gas & Elec. Co	40,713,380	37,269,700	102,100	140,000	72,000	100	211		1,532	
Berlin	Berlin Gas Co.	6,922,000	6,609,000	21,000	25,000	12,000	100	12	1	372	
Chippewa F. Eau Claire	Chipp. Falls W. Wks & Lighting Co.	6,018,200	5,382,300	14,745	34,000	7,400	100	60		385	
Fond du Lac	Eau Claire Gas Light Co.		31,469,000	86,216	137,400	60,900	100	140	1	2,179	
Green Bay	Eastern Wis. Ry. & Light Co.	39,076,000	33,776,700	92,538	175,000	59,000	100	352	8	2,221	
Janesville	Green Bay Gas & Elec. Co.	49,896,000	37,103,400	130,000	160,000	110,000	100	162		1,951	
Kenosha	New Gas Light Co.	48,444,425	45,454,000	124,531	183,900	91,700	100	338	1	2,490	
LaCrosse	Kenosha Gas & Elec. Co.	81,256,800	76,306,200	209,058			100	1225	3	2,527	
Madison	LaCrosse Gas & Elec. Co.	71,518,000	62,455,900	171,000	227,000	146,000	87.4	150	4	2,475	
Manitowoc	Madison Gas & Elec. Co.	171,190,900	150,812,200	469,016	477,000	239,000	100	96	3	4,090	
Marinette	Manitowoc Gas Co.	23,228,500	21,312,500	87,000	122,700	51,600	100	1240	16	1,541	
Menomonee	Men. Mar. Light & Traction Co.	10,079,700	8,955,200	24,500	33,800	18,800	100	65		400	
Milwaukee	Menomonee Gas Co.							24	5	265	
Oshkosh	Milwaukee Gas Light Co.	2,393,872,000	2,229,878,600	6,110,000	8,657,000	4,084,000	98.44	10,900	383	58,574	
Portage	Oshkosh Gas Light Co.	65,681,000	60,541,300	165,866	250,000	113,000	100	125	87	3,225	
Racine	American Gas Co.	16,374,600	15,345,500	40,000			100	141	2	873	
Ripon	Racine Gas Light Co.	166,687,000	166,645,000	456,562	664,000	326,000	100	63	7	6,042	
Sheboygan	Ripon Light & Water Co.	5,634,200	4,381,415	12,000	32,100	6,400	99	17	6	410	
Stevens Point	Sheboygan Gas Light Co.	33,504,000	28,714,200	78,669	127,000	58,000	100	45	5	2,120	
Stoughton	Stevens Point Lighting Co.	9,925,000	7,884,000	21,600	40,000	15,000	100	8	2	598	
Superior	Stoughton Light & Fuel Co.	2,515,930	2,334,900	15,000	20,000	11,000	100	51		251	
Watertown	Superior Water, Light & Power Co	48,977,000	46,863,500	128,400	205,000	73,000	100	450	15	2,181	
Waukesha	Watertown Gas & Elec. Co.	24,863,400	20,563,000	56,337	75,689	37,791	95	66		1,151	
Wausau	Waukesha Gas & Elec. Co.	47,037,500	29,780,100	81,600			100	16	7	1,446	
Wauwatosa	Wausau Gas Co.	19,412,400	15,584,400	42,697	91,600	47,000	100	187	3		
West Allis	Wauwatosa Gas Co.	11,968,900						36	3	445	
	West Allis Gas Co.	12,242,400						59	3	345	

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TABLE VIII.—GAS PLANTS, 1907.
Gas Distribution System Data—Mains—All Gas Companies.

NAME OF COMPANY.	SIZES OF MAIN PIPE.															Total length in feet.
	1"	1½"	2"	2½"	3"	4"	6"	8"	10"	12"	16"	20"	24"	30"		
(Appleton) Wis. Trac. Lt., H. & P. Co.	2,500	8,823	3,444	60,639		4,980	167,385	32,882	2,929						283,582	
Ashland Light, Power & St. Ry. Co.	9,172	30,682	5,217	50,183		10,056	3,828	2,635	335	760					112,814	
Baraboo Lighting Co.															75,170	
Beloit Water, Gas & Elec. Co.	1,997	803	978	250		12,288	40,481	16,314	2,059						35,350	
Berlin Gas Co.			650	21,500		8,500	4,200		500							
Chip. Falls Water Wks. & Lighting Co.		4,116	3,051	19,699	522	6,778	1,912	2,699							38,777	
Eau Claire Gas Light Co.		12,255	3,931	44,195		62,853	48,653	3,151	3,152	1,186	928				180,304	
(Fond du Lac) East. Wis. Ry. & Lt. Co.		833	1,836	16,968		32,500	72,506	19,890		11,880					156,393	
Green Bay Gas & Elec. Co.		2,350		30,975		70,900	44,200	24,500	9,500	1,500	2,100	180			186,205	
(Janesville) New Gas Light Co.		24,148		13,885	19	17,096	71,029	15,521	2,738	130	2,512				147,078	
Kenosha Gas & Elec. Co.				9,884			109,034	31,965		6,951					157,834	
La Crosse Gas & Elec. Co.	255,000	2,500	2,400	60,000	5,000	80,000	39,000	417,500	2,000	1,800	1,200				466,000	
Madison Gas & Elec. Co.				130,577		5,743	45,512	28,385	946	7,231	131	2,429			220,954	
Manitowoc Gas Co.		1,160	890	20,770		3,570	60,820	8,850	1,320	2,850					100,230	
Menominee-Marquette Lt. & Trac. Co.	750	1,100	1,600	7,100		16,500	11,380	10,200	1,416						50,046	
Menomonie Gas Co.																
Milwaukee Gas Light Co.				3,930		114,409	1,283,418	299,955	4,704	171,449	97,661	75,029	39,341	21,322	2,021	2,113,219
Oshkosh Gas Light Co.				2,295		42,697	94,639	29,050	9,683	4,951						183,315
(Portage) American Gas Co.		1,731	5,883	17,444		28,412	10,124	4,505								68,099
Racine Gas Light Co.		452		5,144	3,444	58,101	162,628	53,675	69,589	7,894	6,261	2,615		247		370,050
Ripon Light & Water Co.	116,338	3,147	9,581	15,068		2,772	5,688	1,126								53,720
Sheboygan Gas Light Co.			35,388	21,611		6,450	76,483	24,872	600	4,725	80					140,209
Stevens Point Lighting Co.		4,775	3,825	8,500	1,425	7,350	27,675	2,100								55,650
Stoughton Light & Fuel Co.	256	3,116	440	10,240	18,496	12,672	7,744	47,936	768	192						50,980
Superior Water, Light & Power Co.				14,267		12,670	30,496	46,997	9,591	6,897						120,918
Watertown Gas & Elec. Co.	1,269	3,188	6,039	40,005	2,389	13,908	9,117	11,285	2,600	25						89,825
Waukesha Gas & Elec. Co.			4,406	3,447		12,771	60,954	17,865	6,527	864	584					107,418
Wausau Gas Co.		8,037		29,757		9,285	31,941									79,020
Wauwatosa Gas Co.				329			27,824	8,493		10,321	5,310	94				52,371
West Allis Gas Co.				2,994			11,305	5,761	3,120	6,326						29,506

¹ Includes ¾ inch mains.

² Includes one inch mains.

³ Includes 1 inch and 1½ inch mains.

⁴ Includes 5 inch mains.

TABLE IX.—GAS PLANTS, 1907.
Gas Distribution System Data—Meters—All Gas Companies.

NAME OF COMPANY.	SIZE OF METERS—LAMP CAPACITY.													Total number of meters	Total lamp meter capacity.		
	2	3	5	10	20	30	45	60	80	90	100	150	200			250	300
(Appleton) Wis. Trac., L. H. & P. Co.....		1,458	2,303	73	6	1		1								3,842	16,829
Ashland Light, Power & St. Ry. Co.....		578	228	6	1							1				814	3,104
Baraboo Lighting Co.....		320	9	4	1											334	1,065
Beloit Water, Gas & Electric Co.....		157	1,327	26	14	6		2			1	1				1,534	8,196
Berlin Gas Co.....			485	4												489	2,465
Chip. Falls Water Wks. & Lighting Co.....		279	112	11	5	1	1									409	1,682
Eau Claire Gas Light Co.....		1,151	1,057	55	13		3		2							2,281	9,843
(Fond du Lac) E. Wis. Ry. & Light Co.....		310	1,749	26	21	2	2	1			2					2,113	10,765
Green Bay Gas & Electric Co.....		1,870	1,185	54	23	10	2				2					3,144	12,805
(Janesville) New Gas Light Co.....		646	1,758	44	27	9	11									2,495	12,473
Kenosha Gas & Electric Co.....		298	3,225	26	13	7	4	2	1		2	3	2			3,583	19,179
La Crosse Gas & Electric Co.....		749	1,966	38	20	4	3	2			2			2		2,786	13,932
Madison Gas & Electric Co.....		1,399	3,006	115	27	13	16	9			11	1	3			4,603	24,417
Manitowoc Gas Co.....		846	1,309	48	7	2	12	2						2		2,228	10,923
Menominee-Mar. Light & Trac. Co.....		195	289	3	1		1									489	2,125
Menomonie Gas Co.....		293	16	4	1											314	1,019
Milwaukee Gas Light Co.....		3,647	79,730	2,136	920	319	357	141		99	72	22	81			87,527	526,056
Oshkosh Gas Light Co.....		684	4,354	37	16	16	8	2			3					5,122	26,372
(Portage) American Gas Co.....		281	576	12	1	3										873	3,953
Racine Gas Light Co.....	1	3,223	5,991	114	57	37	26	9		4	15		3			9,480	47,186
Ripon Light & Water Co.....		413	4	5	1											423	1,329
Sheboygan Gas Light Co.....		463	1,583	54	15			3		1	1					2,120	10,459
Stevens Point Lighting Co.....		627	95	2	1											725	2,396
Stoughton Light & Fuel Co.....		40	228	6		1	1									276	1,395
Superior Water, Light & Power Co.....		866	1,827	42	8	6	4	5			3	1				2,762	13,423
Watertown Gas & Electric Co.....		1,187	438	38	10	1		3	1							1,678	.....
Waukesha Gas & Electric Co.....		436	954	31	15	1	4				3				2	1,446	7,798
Wausau Gas Co.....		369	745	23	6	4										1,147	5,302
Wauwatosa Gas Co.....			426	14	2											445	2,310
West Allis Gas Co.....			525	13	4		2	1			1	1	4			551	4,035

TABLE I.—WATER WORKS, 1907.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME.	OPERATING REVENUES.				
		Public service.	Commercial service.	Miscellaneous receipts.	Deduct discounts, etc.	Total.
COMPANIES.						
Antigo.....	Antigo Water Co.....	\$5,785 00	\$9,749 57	.....	.....	\$15,534 57
Appleton.....	Appleton Water Works Co.....	(1)	21,122 82	\$484 69	\$77 41	21,556 10
Ashland.....	Ashland Water Co.....	14,882 92	40,012 33	753 31	620 37	55,028 19
Beaver Dam.....	Beaver Dam Water Co.....	5,578 08	8,900 36	.....	.....	14,478 44
Beloit.....	Beloit Water, Gas & Electric Co.....	9,362 75	26,158 20	305 00	622 24	35,203 71
Chippewa Falls.....	Chippewa Falls Water Works & Light Co.....	8,300 00	16,837 42	280 00	.....	25,417 42
Eau Claire.....	Eau Claire Water Co.....	8,514 72	25,326 96	1,169 34	.....	35,011 02
Fond du Lac.....	Fond du Lac Water Co.....	15,375 07	24,031 00	1,442 60	31 63	40,817 04
Green Bay.....	The Green Bay Water Co.....	10,510 56	38,467 12	1,661 00	.....	50,638 68
Janesville.....	Janesville Water Co.....	7,500 00	29,586 75	513 02	166 23	37,433 54
Manitowoc.....	Manitowoc Water Works Co.....	8,687 50	24,828 22	4,137 07	.....	37,652 79
Marinette.....	City Water Works Co.....	10,400 00	30,669 73	125 00	361 83	40,832 90
Menomonie.....	Menomonie Water Works Co.....	5,500 00	5,994 70	.....	.....	11,494 70
Merrill.....	City Water Works Co.....	7,509 00	12,475 87	225 00	.....	20,209 87
Oconto.....	City Water Supply Co.....	7,141 65	7,212 00	.....	9 50	14,344 15
Oshkosh.....	Oshkosh Water Works Co.....	17,644 76	43,889 81	2,800 45	.....	64,335 02
Racine.....	The Racine Water Co.....	18,728 57	86,542 25	1,804 65	2,590 26	104,485 21
Sheboygan.....	City Water Co.....	13,262 49	58,203 00	870 90	220 49	72,115 90
Stevens Point.....	Stevens Point Water Co.....	5,810 00	8,500 00	400 00	.....	14,710 00
Superior.....	Superior Water, Light & Power Co.....	24,385 83	60,643 39	.....	.....	85,029 22
Washburn.....	Washburn Water Works Co.....	5,300 00	7,387 63	259 32	.....	12,946 95
Total.....		\$210,178 90	\$586,539 13	\$17,231 35	\$4,699 96	\$809,249 42

¹ Amount to be paid in litigation.

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME.	OPERATING REVENUES.				
		Public service.	Commercial service.	Miscellaneous receipts.	Deduct discounts, etc.	Total.
MUNICIPAL PLANTS.						
Baraboo.....	City Water Works.....	\$277 87	\$12,686 22	\$474 55	\$13 85	\$13,424 79
Berlin.....	" " ".....	4,500 00	3,862 02	.....	.....	8,362 02
Depere.....	" " ".....	4,150 00	3,808 85	63 00	.....	8,021 85
Grand Rapids.....	" " ".....	.....	6,251 50	205 00	.....	6,456 50
Kaukauna.....	" " ".....	1,900 00	2,968 78	525 00	.....	5,393 78
Kenosha.....	" " ".....	9,204 00	40,496 70	6,865 86	52 68	56,513 88
La Crosse.....	" " ".....	.....	37,602 27	.....	.....	37,602 27
Madison.....	" " ".....	.....	33,589 80	3,987 02	.....	37,576 82
Marshfield.....	" " ".....	5,360 00	6,381 08	91 00	.....	11,832 08
Menasha.....	" " ".....	.....	1,876 53	1,275 95	.....	3,152 48
Milwaukee.....	" " ".....	26,342 51	536,513 59	41,722 23	.....	604,578 33
Neenah.....	" " ".....	6,477 31	5,685 37	2,005 66	12 50	14,155 84
Portage.....	" " ".....	.....	7,822 55	.....	.....	7,822 55
Rhineland.....	" " ".....	.....	6,457 35	.....	.....	6,457 35
Two Rivers.....	" " ".....	3,199 47	4,040 27	.....	.....	7,239 74
Watertown.....	" " ".....	.....	9,166 81	900 00	.....	10,066 81
Waukesha.....	" " ".....	6,420 00	13,178 04	1,888 66	50 71	21,435 99
Wausau.....	" " ".....	.....	24,672 11	350 00	28 58	24,993 53
Total.....	.....	\$67,831 16	\$757,059 84	\$60,353 93	\$158 32	\$885,086 61

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.
Operating expenses.

NAME.	PUMPING STATION EXPENSE.				DISTRIBUTION EXPENSE.					GENERAL EXPENSE.			Total.
	Labor.	Supplies and expense.	Main-tenance.	Total.	Labor.	Sup-plies and ex-pense.	Main-tenance.	Gra-tuitous work.	Total.	Salaries.	Sup-plies and ex-pense.	Total.	
COMPANIES.													
Antigo Water Co.....	\$1,132 44	\$1,506 40	\$180 92	\$2,819 76			\$59 15		\$59 15	\$2,110 76	\$301 01	\$2,411 77	\$5,290 68
Appleton Water W. Co....	2,726 11	4,735 76	1,023 51	8,485 18	\$686 34	\$275 38	697 68		1,659 60	2,230 00	1,196 64	3,426 64	13,571 42
Ashland Water Co.....	2,300 00	3,595 68	365 21	6,260 89	1,526 30	727 91	389 57		2,643 78	5,084 69	1,776 13	6,860 82	15,765 49
Beaver Dam Water Co....	565 00	2,980 01		3,545 01	960 00	576 68	269 21		1,805 89	754 54	150 00	904 54	6,255 44
Beloit Water, G. & E. Co.	2,376 65	5,273 99	1,203 33	8,853 97		11 76	408 36	\$128 07	548 19	3,205 83	1,828 50	5,034 33	14,436 49
Chip'wa F. W. W. & L. Co.				2,955 00								450 00	4,769 17
Eau Claire Water Co.....	1,920 00	838 50	1,162 12	3,920 62	3,003 75	280 02	679 66		3,972 43	2,800 00	2,626 38	5,426 38	13,319 43
Fond du Lac Water Co....	2,750 00	1,980 01	275 54	5,005 55	1,728 35	194 14	1,969 62		3,892 11	4,445 00	407 66	4,852 66	13,750 32
The Green Bay W. Co....	2,934 34	7,621 83	2,004 63	12,560 80	1,023 45	1,071 52	3,431 73		5,526 70	2,739 71	807 36	3,547 07	21,634 57
Janesville Water Co.....	2,100 00	4,459 34	598 52	7,157 86	2,930 00	397 06	190 26	33 80	3,551 12	4,800 00	2,232 47	7,032 47	17,741 45
Manitowoc W. W. Co.....	1,190 00	2,498 48	143 29	3,831 77	2,197 96	150 60	1,427 32		3,775 88	7,380 00	2,706 31	10,086 31	17,693 96
(Ma'inette) City W. W. Co.	2,654 20	5,428 27	660 21	8,742 68	415 00		280 81		695 81	3,785 37	891 52	4,676 89	14,115 38
Menomonic W. W. Co....	565 00	2,138 13	236 77	2,939 90			12 85		12 85	900 00	140 88	1,040 88	3,993 63
(Merrill) City W. W. Co..	1,497 26	5,000 70	672 10	7,239 06	452 25		513 68		965 93	1,336 61	473 65	1,810 26	10,005 25
(Oconto) City W. S. Co...	1,080 00	4,176 02	139 38	5,395 40			564 34		564 34	760 00	144 04	904 04	6,863 78
Oshkosh Water W. Co....	3,080 34	8,417 36	709 64	12,207 34	1,839 96	283 00	208 20		2,331 16	3,350 00	1,772 06	5,122 06	19,630 56
The Racine Water Co....	3,500 01	3,826 51	1,452 10	8,778 62	1,208 63		3,134 63		4,343 26	12,484 02	11,288 83	23,772 85	36,894 73
(Sheboygan) City W. Co..	3,232 82	4,397 67	605 10	8,235 59	411 25		198 22		809 47	8,531 81	1,986 79	10,518 60	19,563 66
Stevens Point Water Co..	1,063 70	2,927 09	421 48	4,412 27			180 39	77 00	257 39	2,250 00	412 94	2,662 94	7,332 60
Superior W., L. & P. Co..	3,769 18	9,817 89	3,340 62	16,927 69	2,307 33	274 25	2,365 06		4,946 64	4,651 83	2,503 17	7,155 00	29,029 33
Washburn Water W. Co..	1,341 08	2,061 89	262 70	3,665 67			231 90		231 90	400 00	222 74	622 74	4,520 31
Total.....	\$41,778 13	\$83,741 53	\$15,456 97	\$143,931 63	\$20,690 77	\$4,251 32	\$17,412 64	\$238 87	\$43,043 60	\$74,000 17	\$3,896 08	\$109,233 42	\$296,208 65

¹Total includes \$2,955.00 unapportioned expense. ²Total includes \$150.00 unapportioned expense. ³Total includes \$1,364.17 unapportioned expense.

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.
Operating expenses.

NAME.	PUMPING STATION EXPENSE.				DISTRIBUTION EXPENSE.					GENERAL EXPENSE.			Total.
	Labor.	Supplies and expense.	Main-tenance.	Total.	Labor.	Sup-plies and ex-pense.	Main-tenance.	Gra-tuitous work.	Total.	Salaries.	Sup-plies and ex-pense..	Total.	
MUNICIPAL PLANTS.													
Baraboo..City Wat. Wks.	\$1,020 00	\$642 27	\$322 96	\$1,985 23	\$98 51		\$236 17		\$334 68	\$1,200 00	\$210 35	\$1,410 35	\$3,730 26
Berlin.....	900 00	1,198 69		2,098 69							29 00	29 00	2,127 69
Depere.....	452 50	56 74	1,811 27	2,320 51	600 00		212 93		812 93	525 98	80 23	606 21	3,739 55
Gr. Rapids.....				2,890 65					1,116 87				4,007 52
Kaukauna.....	870 00	1,464 59	334 87	2,669 46			901 65		901 65		39 70	39 70	3,610 81
Kenosha.....	3,419 96	6,505 51	5,355 27	15,280 74	1,539 00	\$117 00	166 00		1,822 00	1,060 00	230 89	1,290 89	18,393 63
La Crosse.....	7,007 23	5,332 44	233 50	12,663 20	2,181 64	758 02	1,422 88		4,362 54				17,025 74
Madison.....	6,240 00	6,592 66	3,052 06	15,884 72	2,640 00		2,210 23		4,850 23	2,300 00	571 80	2,871 80	23,606 75
Marshfield..	1,212 60	2,545 60	1,290 00	5,048 20	983 60		41 95		1,025 55	838 50	164 92	1,003 42	7,077 17
Menasha.....													2,411 89
Milwaukee..	46,458 03	36,178 76	10,622 53	93,259 32	50,155 52	4,210 14	3,136 13		57,501 79	54,964 55	6,089 37	61,053 92	211,815 03
Neenah.....	690 00	2,294 20	708 94	3,693 14	1,134 53	1,281 33	783 57		3,199 43	720 00	129 05	849 05	7,741 62
Portage.....	1,980 00	2,944 90	302 00	5,226 90			893 37		893 37	300 00	148 95	448 95	6,569 22
Rhinola'der	1,902 86	3,016 66		4,919 52			160 00		160 00	400 00	32 25	432 25	5,511 77
Two Rivers..	906 50	593 20	5 20	1,504 90			2,237 30		2,237 30	100 00	76 50	176 50	3,918 70
Watertown..	2,050 00	5,528 21	107 44	7,685 65			192 65		192 65	300 00	60 00	360 00	8,238 30
Waukesha..	4,342 59	8,506 13	220 94	13,069 66			938 64		938 64	300 00	334 89	634 89	14,643 19
Wausau.....	3,000 00	3,013 69	339 25	6,352 94	1,131 22	177 21	658 40		1,966 86	800 00	170 94	970 94	9,290 74
Total.....	\$82,542 30	\$86,414 25	\$24,706 23	\$196,553 43	\$60,464 02	\$6,543 73	\$14,191 87		\$82,316 49	\$63,809 03	\$8,368 84	\$72,177 87	\$353,459 68

¹Total includes \$2,890.65 unapportioned expense. ²Total includes \$1,116.87 unapportioned expense. ³Total includes \$2,411.89 unapportioned expense.

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5000 Population.

NAME.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.			Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.	Total.		
COMPANIES.											
Antigo Water Co.....	\$10,243 89		\$10,243 89	\$1,414 87		\$1,414 87					\$8,829 02
Appleton Water Works Co.....	7,958 68		7,958 68	5,205 49	\$8,000 00	13,205 49					45,246 81
Ashland Water Co.....	39,262 70		39,262 70	12,006 90	13,548 17	25,555 07		\$7,960 28			5,747 35
Beaver Dam Water Co.....	8,223 00		8,223 00	1,780 94	3,030 00	4,810 94	\$2,000 00		2,000 00		1,412 06
Beloit Water, Gas & Electric Co.	20,767 22	\$169 72	20,936 94	2,658 84	17,811 74	20,470 58				\$2,400 00	41,933 64
Chippewa Falls W. W. & L. Co..	20,648 25		20,648 25	2,525 00	9,540 00	12,065 00		1,000 00	1,000 00		7,583 25
Eau Claire Water Co.....	21,691 59		21,691 59		15,809 55	15,809 55					5,882 04
Fond du Lac Water Co.....	27,066 72		27,066 72	3,536 60	10,816 75	14,473 35	4,225 28	8,376 09	12,601 37		48 00
The Green Bay Water Co.....	29,004 11		29,004 11	3,695 77	17,748 00	21,443 77					7,560 34
Janesville Water Co.....	19,692 09		19,692 09	2,665 00	6,652 92	9,317 92		10,542 47	10,542 47		4168 30
Manitowoc Water Works Co.....	19,958 83		19,958 83	1,775 37	12,437 50	14,212 87					5,745 96
(Marinette) City Water W. Co...	26,717 52		26,717 52	6,088 78	17,333 33	23,422 11		549 15	549 15		2,746 26
Menomonie Water Works Co.....	7,501 07		7,501 07	2,109 91	3,542 27	5,651 18					1,598 89
(Merrill) City Water Works Co..	10,203 62		10,203 62	2,102 70	8,769 58	10,872 28					4688 66
(Oconto) City Water Supply Co.	7,480 37		7,480 37	2,327 60		2,327 60				2,000 00	3,152 77
Oshkosh Water Works Co.....	44,674 46		44,674 46	6,521 36		6,521 36					38,153 10
The Racine Water Co.....	67,590 48		67,590 48	8,375 59	46,958 11	55,333 70				8,000 00	4,256 78
(Sheboygan) City Water Co.....	52,552 24		52,552 24	6,116 94	42,252 81	48,369 75					4,182 49
Stevens Point Water Co.....	7,377 40		7,377 40	1,419 10	5,012 50	6,431 60		892 90	892 90		52 90
Superior Water, Light & P. Co.	55,999 89		55,999 89	6,923 52	38,733 50	45,657 02	7,500 00		7,500 00		2,842 87
Washburn Water Works Co.....	8,426 64		8,426 64	2,297 75	6,000 00	8,297 75					128 89
Total.....	\$513,040 77	\$169 72	\$513,210 49	\$81,548 03	\$283,996 73	\$365,914 76	\$13,725 28	\$29,320 89	\$43,046 17	\$12,400 00	\$91,849 56

¹Includes rent \$120.00.²Includes rent \$250.00.³Total includes \$370.00 rent.⁴Deficit.

TABLE I.—WATER WORKS, 1907—Concluded.
Income Account of Plants Operating in Cities of Over 5000 Population.

NAME.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.			Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.	Total.		
MUNICIPAL PLANTS.											
Baraboo.....City Water Works	\$9,694 53	\$130 48	\$9,825 01	.....	\$6,600 00	\$6,600 00	.....	.....	.....	.....	\$3,225 01
Berlin.....	6,234 33	.....	6,234 33	.....	4,500 00	4,500 00	.....	.....	.....	.....	1,734 33
Depere.....	4,282 20	.....	4,282 20	.....	2,882 00	2,882 00	.....	.....	.....	.....	1,400 20
Grand Rapids.....	2,448 98	.....	2,448 98	.....	2,790 00	2,790 00	.....	.....	.....	.....	21,947 58
Kaukauna.....	1,782 97	.....	1,782 97	.....	3,750 00	3,750 00	.....	\$1,606 56	\$1,606 56	.....	\$3,112 25
Kenosha.....	38,120 25	463 50	38,583 75	.....	4,100 00	4,100 00	.....	.....	.....	.....	34,483 75
La Crosse.....	20,576 53	.....	20,576 53	.....	7,400 00	7,400 00	.....	.....	.....	.....	13,176 53
Madison.....	13,970 07	5,000 00	18,970 07	.....	800 00	800 00	.....	5,000 00	5,000 00	.....	13,170 07
Marshfield.....	4,754 91	.....	4,754 91	.....	4,439 75	4,439 75	.....	.....	.....	.....	515 16
Menasha.....	740 59	.....	740 59	.....	3,267 40	3,267 40	.....	.....	.....	.....	\$2,526 81
Milwaukee.....	392,763 30	46,209 77	438,973 07	.....	8,662 50	134,012 50	.....	256,137 25	256,137 25	.....	148,823 32
Neenah.....	6,414 22	.....	6,414 22	.....	2,800 00	2,800 00	.....	.....	.....	.....	3,614 22
Portage.....	1,253 33	.....	1,253 33	.....	955 00	955 00	.....	.....	.....	.....	298 33
Rhineland.....	945 58	.....	945 58	.....	4,990 00	4,990 00	.....	.....	.....	.....	\$17,115 52
Two Rivers.....	3,321 04	.....	3,321 04	.....	1,900 00	1,900 00	.....	13,071 10	13,071 10	.....	1,421 04
Watertown.....	1,828 51	.....	1,828 51	.....	3,375 00	3,375 00	.....	1,828 51	1,828 51	.....	\$3,375 00
Waukesha.....	6,792 80	.....	6,792 80	.....	1,500 00	1,500 00	.....	3,806 08	3,806 08	.....	1,486 72
Wausau.....	15,702 79	.....	15,702 79	.....	12,000 00	12,000 00	.....	.....	.....	.....	3,702 79
Total.....	\$531,626 93	\$51,803 75	\$583,430 68	.....	\$76,711 65	\$102,061 65	.....	\$282,594 72	\$282,594 72	.....	\$198,774 31

¹Includes \$25,350.00 contributed to general city fund. ²Deficit.

TABLE II.—WATER WORKS, 1907.
Income Account of Companies Operating in Cities of Less Than 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING REVENUES.				OPERATING EXPENSES.				
		Public service.	Commercial service.	Miscellaneous income.	Deduct discounts etc.	Total.	Pumping station.	Distribution.	General.	Total.
Iron River....	Iron River Water, Light and Power Co...	\$3,042 00	\$4,584 00	.....	.....	\$7,626 00	\$1,773 00	\$1,371 00	\$2,900 13	\$6,044 13
Lake Geneva.	Lake Geneva Water and Light Co.....	3,617 70	6,087 40	\$1,085 71	.....	10,790 81	4,154 46	1,318 87	253 03	5,726 36
Mellen.....	Mellen Water and Light Co.....	576 00	1,497 00	.....	.....	2,073 00	1,525 00	.....	66 88	1,591 88
Ripon.....	Ripon Light and Water Co.....	4,876 30	8,223 97	355 90	\$1,060 42	12,395 75	1,625 50	480 59	1,554 71	3,660 80
Whitewater...	Whitewater Water Works Co.....	4,059 12	5,083 70	125 00	.....	9,267 82	2,521 24	47 80	1,168 25	3,737 29
Total.....	.....	\$16,171 12	\$25,476 07	\$1,566 61	\$1,060 42	\$42,153 38	\$11,599 20	\$3,218 26	\$5,943 00	\$20,760 46

CITY.	NAME OF COMPANY.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.			Dividends.	Surplus or deficit.
					Taxes.	Interest.	Total.	Depreciation.	Other reserves.	Total.		
Iron River....	Iron River W., L. and P. Co..	\$1,581 87	.....	\$1,581 87	\$109 00	\$1,000 00	\$1,109 00	.....	.....	.....	.....	\$472 87
Lake Geneva.	Lake Geneva W. and L. Co...	5,064 45	\$231 00	5,295 45	533 88	3,658 14	4,192 02	.....	.....	.....	.....	1,103 43
Mellen.....	Mellen Water and Light Co..	481 12	.....	481 12	62 50	280 00	342 50	.....	.....	.....	.....	138 62
Ripon.....	Ripon Light and Water Co....	8,734 95	76 98	8,811 93	658 44	4,462 30	5,120 74	.....	.....	.....	.....	1,201 58
Whitewater...	Whitewater Water Works Co.	5,530 53	.....	5,530 53	795 88	4,305 00	5,160 88	.....	\$410 81	\$410 81	.....	141 16
Total.....	.....	\$21,392 92	\$307 98	\$21,700 90	\$2,159 70	\$13,765 44	\$15,925 14	.....	\$410 81	\$410 81	\$2,489 61	\$2,875 34

¹ Deficit.

TABLE III.—WATER WORKS, 1907.

Income Account of Municipal Plants Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITY.	OPERATING REVENUES.				Total.	OPERATING EXPENSES.				Net operating revenue or deficit. ¹	Income from sources other than operation.	Gross income or deficit. ¹	Interest.	Re-serves.	Surplus or deficit. ¹
	Public service.	Commercial service.	Miscellaneous income.	Deduct discounts etc.		Pump-station.	Distribution.	General	Total.						
Algoma.....	\$1,486 00	\$1,119 95			\$2,605 95	\$2,720 00			\$2,720 00	-\$114 05		-\$114 05	\$4,275 00		-4389 05
Arcadia.....	575 00	661 05	\$265 00		1,501 05	1,196 77	\$228 63		1,425 40	75 65		75 65	450 00		-374 35
Bayfield ²	300 00	1,230 33			1,530 33	2,167 40	\$39 00	556 00	2,762 40	-1,232 07		-1,232 07	350 00		-1582 07
Black River Falls.....	420 00	2,502 54			2,922 54	1,675 82	240 58		1,916 40	1,006 14		1,006 14			1,006 14
Brodhead.....		600 00			600 00	680 00			680 00	-80 00		-80 00			-80 00
Burlington.....		2,687 84		\$22 50	2,665 34	2,775 17			2,775 17	-109 83		-109 83			-109 83
Clinton.....		650 00			650 00	655 00			655 00	-5 00		-5 00	100 00		-105 00
Columbus.....	1,475 00	1,742 47	134 76		3,352 23	1,806 32	104 55	362 00	2,272 87	1,079 36		1,079 36	1,125 00	\$700 00	-745 64
Cuba City.....	750 00	750 00			1,500 00				680 00	820 00		820 00	500 00		320 00
Cumberland.....	12 00	1,044 61			1,056 61	2,061 81		124 26	2,186 07	-1,129 46		-1,129 46			-1129 46
Darlington.....	25 00	2,070 75	40 00		2,135 75	930 00		104 65	1,034 65	1,101 10		1,101 10	750 00		351 10
Deerfield.....		195 53			195 55	128 07	9 00		137 07	58 48		58 48	105 00		-46 52
Delavan.....	168 65	2,139 96	100 00		2,408 61	2,699 32			2,699 32	-290 71		-290 71	400 00		-690 71
Dodgeville.....		1,041 76			1,041 76				650 00	391 76		391 76	800 00		-408 24
Edgerton.....	2,386 08	3,608 95	50 00		6,045 03	2,182 46		137 50	2,319 96	3,725 07		3,725 07	1,650 00	1,006 80	1,068 27
Elkhorn.....	2,700 00	2,709 48	100 00		5,509 48	2,632 20		132 00	2,764 20	2,745 28		2,745 28	750 00	1,050 00	945 28
Ellsworth.....		778 10	69 12		847 22	649 80	5 50		655 30	191 92		191 92	600 00		-408 08
Elroy.....		5,043 32	36 00		5,079 32	2,480 00			2,480 00	2,599 32		2,599 32	500 00		2,099 32
Evansville.....	2,015 00	1,429 98	50 00		3,494 98	1,472 28	183 52	60 00	1,715 80	1,779 18		1,779 18	1,600 00		179 18
Fennimore.....		600 00	10 00		610 00	1,150 00		12 00	1,162 00	-552 00		-552 00	637 50		-1189 50
Fort Atkinson.....	1,956 69	2,754 58	400 00		5,111 27	2,213 89		21 00	2,234 89	2,876 38		2,876 38	112 00		2,764 38
Glenwood.....		817 88			817 88	1,073 75			1,073 75	-255 87		-255 87	165 00		-420 87
Hudson.....		5,481 53	324 79		5,806 32	2,377 14	1,300 55	350 00	4,027 69	1,778 63		1,778 63	930 00		848 63
Jefferson.....		1,759 24	350 00		2,109 24	900 00			1,854 46	254 78		254 78	1,448 50		-1193 72
Juneau.....	75 00	1,069 68			1,144 68	1,243 81		20 40	1,264 35	-119 67		-119 67	450 00		-569 67

¹ Amounts marked with a minus sign (—) signify deficit.² In operation six months only.

TABLE III.—WATER WORKS, 1907.—Continued.

Income Account of Municipal Plants Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITY.	OPERATING REVENUES.				OPERATING EXPENSES.				Net operating revenue or deficit. ¹	Income from sources other than operation.	Gross income or deficit. ¹	Interest.	Reserve.	Surplus or deficit. ¹	
	Public service.	Commercial service.	Miscellaneous income.	Deduct dis-counts, etc.	Total.	Pump-ing station.	Distri-bution.	General							Total.
Kiel.....	1,597 67	529 54	412 33	.....	2,539 54	958 43	487 88	12 00	1,458 31	1,081 23	.....	1,081 23	1,100 00	.....	-18 77
Lake Mills.....	.....	1,000 00	.....	.....	1,000 00	970 00	30 00	.....	1,000 00	.....	.....	.....	252 50	.....	-252 50
Lancaster.....	441 16	3,258 84	.....	.....	3,700 00	2,074 41	150 80	100 00	2,325 21	1,374 79	.....	1,374 79	1,000 00	.....	374 79
Lodi.....	1,005 00	943 73	36 00	.....	1,984 73	1,088 61	19 09	52 50	1,160 20	824 53	.....	824 53	435 00	.....	389 53
Mazomanie.....	340 00	107 00	.....	.....	447 00	401 09	.....	6 95	408 04	38 96	.....	38 96	26 50	.....	12 46
Merrilan.....	.....	450 00	.....	.....	450 00	175 00	.....	.....	175 00	275 00	.....	275 00	280 00	.....	-5 00
Monroe.....	5,900 00	7,124 00	698 00	.....	13,722 00	3,785 00	988 00	992 00	5,765 00	7,957 00	.....	7,957 00	3,400 00	3,020 00	1,537 00
New London.....	1,350 00	677 26	208 75	.....	2,236 01	999 89	16 72	25 00	1,041 61	1,194 40	.....	1,194 40	1,070 00	.....	124 40
New Richmond.....	.....	2,828 00	.....	.....	2,828 00	532 50	.....	.....	532 50	2,295 50	.....	2,295 50	.....	.....	2,295 50
Oconomowoc.....	2,000 00	2,023 41	300 00	.....	4,323 41	1,578 84	.....	383 25	1,962 09	2,361 32	.....	2,361 32	1,500 00	1,004 95	-143 63
Onalaska.....	.....	849 68	.....	.....	849 68	990 85	80 85	.....	1,071 70	-222 02	.....	-222 02	.....	.....	-222 02
Platteville.....	2,309 37	2,993 93	131 62	.....	5,434 92	2,143 50	194 60	719 75	3,057 85	2,377 07	3,500 00	5,877 07	1,140 00	.....	4,737 07
Plymouth.....	3,750 00	1,503 02	372 38	.....	5,625 40	2,092 00	.....	46 50	2,138 50	3,486 90	.....	3,486 90	797 31	.....	2,689 59
Prairie du Chien.....	.....	210 00	.....	.....	210 00	1,003 50	.....	.....	1,003 50	-793 50	.....	-793 50	960 00	.....	-1753 50
Reedsburg.....	.....	3,918 53	.....	.....	3,918 53	3,138 28	216 56	606 00	3,960 84	-42 31	.....	-42 31	550 00	.....	-592 31
Rice Lake.....	2,150 00	2,461 58	.....	.....	4,611 58	3,910 21	.....	.....	3,910 21	701 37	.....	701 37	.....	1,097 98	-396 61
Richland Center.....	.....	2,802 21	62 00	.....	2,864 21	2,889 53	281 71	.....	3,171 24	-307 03	.....	-307 03	50 00	.....	-357 03
River Falls.....	.....	2,813 74	485 00	.....	3,298 74	2,000 00	100 50	100 00	2,200 50	1,098 24	.....	1,098 24	500 00	.....	598 24
Shell Lake.....	.....	1,776 31	.....	.....	1,776 31	1,361 10	.....	109 00	1,470 10	306 21	.....	306 21	332 50	.....	-26 29
Soldiers Grove.....	.....	325 00	.....	.....	325 00	480 00	.....	.....	480 00	-155 00	.....	-155 00	.....	.....	-155 00
Sparta.....	1,530 00	4,996 74	119 40	.....	6,646 14	3,285 33	337 24	98 50	3,721 07	2,925 07	.....	2,925 07	1,630 00	662 78	632 29
Spooner.....	.....	1,485 06	62 00	.....	1,547 06	1,831 52	430 13	74 82	2,336 47	-789 41	.....	-789 41	750 00	.....	-1539 41
Stanley.....	300 00	800 00	50 00	.....	1,150 00	755 55	.....	.....	755 55	394 45	.....	394 45	.....	.....	394 95
Stoughton.....	3,880 00	4,849 62	500 00	.....	9,229 62	4,892 74	884 66	57 00	5,834 40	3,595 22	.....	3,595 22	.....	.....	3,395 22
Sun Prairie.....	.....	849 53	50 00	.....	899 53	772 45	130 00	.....	902 45	-2 92	.....	-2 92	240 00	1,824 49	-2067 41

Tomah.....		2,746 25			2,746 25	2,951 14			2,951 14	-204 89		-204 89	1,500 00		-1704 89
Tomahawk.....	985 00	3,749 50			4,734 50	2,951 14	120 00	35 00	3,106 14	1,628 36		1,628 36	1,483 59		144 77
Viroqua.....		2,384 40			2,384 40	2,700 00			2,700 00	-315 60		-315 60	500 00		-815 60
Waupaca.....	4,558 02	3,377 82		10 41	7,925 43	820 61	1,393 46	1,141 55	3,355 62	4,569 81		4,569 81	5,391 00		-821 19
Waupun.....	920 00	2,810 21	164 86		3,895 07				2,953 82	941 25		941 25	450 00		491 25
Wauwatosa.....	173 23	3,445 04	537 19		4,155 46	2,783 00			2,783 00	1,372 46		1,372 46	900 00		472 46
Westby.....		1,163 63			1,163 63	1,164 10			1,164 10	- 47		- 47	90 00		-90 47
Total.....	\$47,533 87	\$115,743 13	\$6,119 20	\$32 91	\$169,363 29	\$95,351 33	\$8,699 36	\$6,668 40	\$115,002 91	\$54,360 38	\$3,500 00	\$57,860 38	\$44,026 40	\$10,367 00	\$3,466 98

¹ Amounts marked with a minus sign (—) signify deficit.

² Total includes \$4,283.82 undistributed expense.

TABLE IV.—WATER WORKS, 1907.
Ratio of Operating Expenses and Earnings of all Water Companies.

LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percentage of operating expenses to operating revenues.
		Pumping.	Distribution.	General.	Total.	
Algoma.....	Algoma Munic. Water & Light Co.....	100.00	.....	.....	100.00	104.38
Antigo.....	Antigo Water Co.....	53.30	1.12	45.58	100.00	34.06
Appleton.....	Appleton Water Works Co.....	62.52	12.23	25.25	100.00	63.04
Arcadia.....	Arcadia Electric Light & Milling Co.....	83.96	.....	16.04	100.00	64.96
Ashland.....	Ashland Water Co.....	39.71	16.77	43.52	100.00	28.65
Baraboo.....	Baraboo Munic. Water Works.....	53.22	8.97	37.81	100.00	27.79
Bayfield.....	Bayfield Munic. Water Works.....	78.46	1.41	20.13	100.00	180.52
Beaver Dam.....	Beaver Dam Water Co.....	56.67	28.87	14.46	100.00	43.21
Beloit.....	Beloit Water, Gas & Electric Co.....	61.33	3.80	34.87	100.00	41.01
Berlin.....	Berlin Munic. Water Works.....	98.64	.....	1.36	100.00	25.44
Black River Falls.....	Black River Falls Water Works.....	87.44	12.56	.....	100.00	65.58
Brodhead.....	Brodhead Munic. Water Works.....	100.00	.....	.....	100.00	113.34
Burlington.....	Burlington Munic. Water Works.....	100.00	.....	.....	100.00	104.21
Chippewa Falls.....	Chippewa Falls Water Works & Light Co.....	61.97	9.43	28.60	100.00	18.77
Clinton.....	Clinton Munic. Water Works.....	100.00	.....	.....	100.00	100.78
Columbus.....	Columbus Munic. W. Works & Electric Light.....	79.47	4.60	15.93	100.00	67.80
Cuba City.....	Cuba City Munic. Water Works.....	.....	.....	.....	100.00	45.37
Cumberland.....	Cumberland Munic. Water Works.....	94.32	.....	5.68	100.00	206.93
Darlington.....	Darlington Munic. Water Works.....	89.88	.....	10.12	100.00	48.45
Deerfield.....	Deerfield Munic. Water Works.....	93.44	6.56	.....	100.00	70.09
Delavan.....	Delavan Water Works Plant.....	100.00	.....	.....	100.00	112.09
De Pere.....	De Pere Munic. Water Works.....	62.05	21.74	16.21	100.00	46.62
Dodgeville.....	Dodgeville Munic. Water Works.....	.....	.....	.....	100.00	62.39
Eau Claire.....	Eau Claire Water Co.....	29.43	29.82	40.75	100.00	38.04
Edgerton.....	Edgerton Munic. Water Works.....	94.07	.....	5.93	100.00	38.38
Elkhorn.....	Elkhorn Munic. Water Works.....	95.23	.....	4.77	100.00	50.18
Ellsworth.....	Ellsworth Water Works Co.....	99.16	.84	.....	100.00	77.35
Elroy.....	Elroy Munic. Water Works.....	100.00	.....	.....	100.00	48.83
Evansville.....	Evansville Light & Water Department.....	85.82	10.68	3.50	100.00	49.09
Fennimore.....	Fennimore Munic. Water Works.....	98.97	.....	1.03	100.00	190.52

Fond du Lac	Fond du Lac Water Co.	36.40	28.31	35.29	100.00	33.69
Ft. Atkinson	Ft. Atkinson Munic. Water Works.	99.06		.94	100.00	43.73
Glenwood	Glenwood Munic. Water Works.	100.00			100.00	131.30
Grand Rapids	Grand Rapids Munic. Water Works.	72.13	27.87		100.00	62.07
Green Bay	Green Bay Water Co.	58.03	25.58	16.39	100.00	42.73
Hudson	Hudson Munic. Water Works.	59.02	32.29	8.69	100.00	69.37
Iron River	Iron River Water, Light & Power Co.	29.34	22.68	47.98	100.00	79.26
Janesville	Janesville Water Co.	40.34	20.02	39.64	100.00	47.40
Jefferson	Jefferson Water Works.	48.53	51.47		100.00	87.93
Juneau	Juneau Munic. Water Works.	98.39		1.61	100.00	110.47
Kaukauna	Kaukauna Munic. Water Works.	73.93	24.97	1.10	100.00	66.94
Kenosha	Kenosha Munic. Water Works.	83.08	9.90	7.02	100.00	32.55
Kiel	Kiel Munic. Water Works.	65.73	33.45	.82	100.00	57.43
La Crosse	La Crosse Munic. Water Works.	74.38	25.62		100.00	45.28
Lake Geneva	Lake Geneva Water & Light Co.	72.55	23.03	4.42	100.00	53.07
Lake Mills	Lake Mills Munic. Water Works.	97.00	3.00		100.00	100.00
Lancaster	Lancaster Munic. Water Works.	89.20	6.49	4.31	100.00	62.85
Lodi	Lodi Water Works.	93.82	1.65	4.53	100.00	58.46
Madison	Madison City Water Department.	67.30	20.55	12.15	100.00	62.33
Manitowoc	Manitowoc Water Works Co.	21.66	21.34	57.00	100.00	46.99
Marinette	Marinette City Water Co.	61.94	4.93	33.13	100.00	34.57
Marshfield	Marshfield Munic. Water, Electric Light & Power.	71.33	14.49	14.18	100.00	59.82
Mazomanie	Mazomanie Munic. Light & Water Works.	98.30		1.70	100.00	91.28
Mellen	Mellen Water & Light Co.	95.80		4.20	100.00	76.79
Menasha	Menasha Munic. Water Works.				100.00	76.51
Menomonie	Menomonie Water Works Co.	73.62	.32	26.06	100.00	34.74
Merrill	Merrill City Water Works Co.	72.26	9.65	18.09	100.00	49.50
Merrillan	Merrillan Water Works.	100.00			100.00	38.89
Milwaukee	Milwaukee Munic. Water Works.	44.03	27.15	28.82	100.00	35.04
Monroe	Monroe Munic. Water Works.	65.66	17.14	17.20	100.00	42.03
Neenah	Neenah Munic. Water Works.	47.71	41.32	10.97	100.00	54.68
New London	New London Munic. Electric Light & Water Works.	96.00	1.60	2.40	100.00	46.58
New Richmond	New Richmond Munic. Elec. Lt. & W. Works.	100.00			100.00	18.86
Oconomowoc	Oconomowoc Munic. Water Works.	80.46		19.54	100.00	45.39
Oconto	Oconto City Water Supply Co.	78.60	8.22	13.18	100.00	47.85
Onalaska	Onalaska Munic. Water Works.	92.46	7.54		100.00	126.12
Oshkosh	Oshkosh Water Works Co.	62.08	11.86	26.06	100.00	30.56
Platteville	Platteville Munic. Water Works.	70.10	6.36	23.54	100.00	56.26
Plymouth	Plymouth Munic. Water Works.	97.83		2.17	100.00	38.02
Portage	Portage Water Department.	79.58	13.60	6.82	100.00	83.98

TABLE IV.—WATER WORKS, 1907.—Continued.
Ratio of Operating Expenses and Earnings of all Water Companies.

LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percentage of operating expenses to operating revenues.
		Pumping.	Distribution.	General.	Total.	
Prairie du Chien.....	Prairie du Chien Munic. Water Works.....	100.00	.....	.....	100.00	47.79
Racine.....	The Racine Water Co.....	23.79	11.77	64.44	100.00	35.31
Reedsburg.....	Reedsburg Water Works.....	79.23	5.47	15.30	100.00	101.08
Rhineland.....	Rhineland Munic. Water Works.....	89.26	2.90	7.84	100.00	85.36
Rice Lake.....	Rice Lake Munic. Water Works.....	100.00	.....	.....	100.00	84.80
Richland Center.....	Richland Center Munic. Water Works.....	91.12	8.88	.....	100.00	110.73
Ripon.....	Ripon Light & Water Co.....	44.41	13.12	42.47	100.00	29.53
River Falls.....	River Falls Munic. Water Works.....	90.90	4.56	4.54	100.00	66.70
Sheboygan.....	City Water Co.....	42.10	4.13	53.77	100.00	27.13
Shell Lake.....	Shell Lake Munic. Water & Light.....	92.59	.....	7.41	100.00	82.77
Soldiers Grove.....	Soldiers Grove Munic. Water Works.....	100.00	.....	.....	100.00	147.69
Sparta.....	Sparta Munic. Water Works.....	88.29	9.06	2.65	100.00	55.98
Spooner.....	Spooner Munic. Water & Light.....	78.39	18.41	3.20	100.00	151.04
Stanley.....	Stanley Munic. Water Works.....	100.00	.....	.....	100.00	65.70
Stevens Point.....	Stevens Point Water Co.....	60.16	3.51	36.33	100.00	49.85
Stoughton.....	Stoughton Munic. Water Works.....	83.86	15.16	.98	100.00	63.22
Sun Prairie.....	Sun Prairie Munic. Water Works.....	85.60	14.40	.....	100.00	100.33
Superior.....	Superior Water, Light & Power Co.....	58.31	17.04	24.65	100.00	34.14
Tomah.....	Tomah Munic. Water Works.....	100.00	.....	.....	100.00	107.46
Tomahawk.....	Tomahawk Munic. Water Works.....	95.01	3.86	1.13	100.00	65.61
Two Rivers.....	Two Rivers Munic. Water & Light.....	38.40	57.10	4.50	100.00	54.12
Viroqua.....	Viroqua Munic. Water Works.....	100.00	.....	.....	100.00	113.24
Watertown.....	Watertown Water Department.....	93.28	2.34	4.38	100.00	81.84
Washburn.....	Washburn Water Works Co.....	81.10	5.13	13.77	100.00	34.91
Waukesha.....	Waukesha Water Department.....	89.24	6.42	4.34	100.00	68.31
Waupaca.....	Waupaca Munic. Water Works.....	24.43	41.53	34.02	100.00	42.34
Waupun.....	Waupun Munic. Electric Lt. & Power.....	.....	.....	.....	100.00	75.84
Wausau.....	Wausau Munic. Water Works.....	68.38	21.17	10.45	100.00	37.17
Wauwatosa.....	Wauwatosa Water Works Plant.....	100.00	.....	.....	100.00	66.98
Westby.....	Westby Munic. Water Works.....	100.00	.....	.....	100.00	100.05
Whitewater.....	Whitewater Water Works Co.....	67.46	1.28	31.26	100.00	40.33

TABLE V.—WATER WORKS, 1907.
Balance Sheet of Plants in Cities of Over 5,000 Population.

Assets.

CITY.	NAME.	Property assets.	Investments securities, etc.	Current and accrued assets.	Miscellaneous.	Cash.	Deficit.	Total.
COMPANIES.								
Antigo	Antigo Water Co.	\$203,760 79		\$346 94		\$191 89		\$204,299 62
Appleton	Appleton Water Works Co.	508,150 97		5,669 03	\$29,437 99	3,468 93		546,726 92
Ashland	Ashland Water Co.	653,650 32		2,191 02		8,247 41		664,088 75
Beaver Dam	Beaver Dam Water Co.	261,523 12		166 00		8,881 08		270,570 20
Beloit	Beloit Water, Gas & Electric Co.	629,430 94		16,734 51		3,114 33		649,299 78
Chippewa Falls	Chippewa Falls Water Wks. & Lt. Co.	262,936 95		16,141 47				279,078 42
Eau Claire	Eau Claire Water Co.	455,464 84		1,041 64		5,247 69		461,754 17
Fond du Lac	Fond du Lac Water Co.	340,854 79	\$23,100 00	8,537 39		1,193 00	\$36,994 80	430,679 98
Green Bay	The Green Bay Water Co.	437,019 66		1,283 89			25,796 45	464,100 00
Janesville	Janesville Water Co.	434,128 61				1,626 80		435,755 41
Manitowoc	Manitowoc Water Works Co.	440,299 01						440,299 01
Marinette	City Water Works Co.	332,313 40		4,085 43	\$3,549 15	254 20		590,202 18
Menomonie	Menomonie Water Works Co.	83,000 00		63 02			135,936 98	219,000 00
Merrill	City Water Works Co.	338,722 46		7,472 27		727 73	21,465 73	368,388 19
Oconto	City Water Supply Co.	106,021 02						106,021 02
Oshkosh	Oshkosh Water Works Co.	755,247 56		5,090 05		1,423 96		761,761 57
Racine	The Racine Water Co.	1,347,857 96		45,801 60		3,490 86		1,397,150 42
Sheboygan	City Water Co.	802,384 34		45,084 22		1,747 66		849,216 22
Stevens Point	Stevens Point Water Co.	125,892 90					149,107 10	275,000 00
Superior	Superior Water, Light & Power Co.	1,517,646 69	189,787 35	29,279 48	3,085 37	1,127 13		1,740,926 02
Washburn	Washburn Water Works Co.	201,421 46		66 50			38,012 04	239,500 00
Total		\$10,487,727 79	\$212,887 35	\$189,074 46	\$36,072 51	\$40,742 67	\$427,313 10	\$11,383,817 88

¹ Claimed due from city. ² Sinking fund.

TABLE V.—WATER WORKS, 1907—Continued.
Balance Sheet of Plants in Cities of Over 5,000 Population.

Assets.

CITY.	NAME.	Property assets.	Investments securities, etc.	Current and accrued as-sets.	Miscellane-ous.	Cash.	Deficit.	Total.
MUNICIPAL PLANTS.								
Baraboo	City Water Works.....	\$137,661 42	.....	\$520 00	.....	\$10,186 24	.....	\$148,367 66
Berlin.....	" " " ".....	64,600 00	.....	2,628 52	.....	.....	.....	67,228 52
De Pere.....	" " " ".....	76,961 52	.....	5,297 88	.....	.....	.....	82,259 40
Grand Rapids.....	" " " ".....	112,000 00	.....	1,500 00	.....	.....	.....	113,500 00
Kaukauna.....	" " " ".....	85,170 76	.....	.....	.....	.....	.....	85,170 76
Kenosha.....	" " " ".....	261,375 87	\$4,000 00	18,905 23	\$25,913 50	16,682 71	.....	326,877 31
La Crosse.....	" " " ".....	483,819 54	.....	.....	.....	.....	.....	483,819 54
Madison.....	" " " ".....	514,446 82	.....	4,600 00	.....	6,463 97	.....	525,510 79
Marshfield.....	" " " ".....	79,540 97	15,000 00	1,141 25	.....	528 08	.....	96,210 30
Menasha.....	" " " ".....	96,967 50	.....	.....	.....	.....	.....	96,967 50
Milwaukee.....	" " " ".....	5,894,290 94	.....	109,278 01	148,750 00	419,159 49	.....	6,471,478 44
Neenah.....	" " " ".....	106,475 00	.....	100 00	.....	.....	.....	106,575 00
Portage.....	" " " ".....	51,000 00	.....	450 00	.....	11,232 36	.....	62,682 36
Rhineland.....	" " " ".....	87,179 10	.....	4,620 00	.....	.....	.....	91,799 10
Two Rivers.....	" " " ".....	61,799 18	.....	552 29	.....	1,255 30	.....	63,606 86
Watertown.....	" " " ".....	140,842 66	.....	525 00	.....	.....	.....	141,367 66
Waukesha.....	" " " ".....	156,000 00	.....	2,210 48	.....	3,931 92	.....	142,142 40
Wausau.....	" " " ".....	226,577 66	.....	11,381 71	.....	3,198 22	.....	241,157 59
Total.....	.....	\$8,616,708 94	\$19,000 00	\$163,710 37	\$74,663 50	\$472,638 38	.....	\$9,346,721 19

¹ Sinking fund.

TABLE V.—WATER WORKS, 1907—Continued.
Balance Sheet of Plants in Cities of Over 5,000 Population.
Liabilities.

CITY.	NAME.	Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
COMPANIES.								
Antigo.....	Antigo Water Co.....	\$100,000 00	\$76,000 00	\$16,342 26			\$11,957 36	\$204,299 62
Appleton.....	Appleton Water Works Co.....	200,000 00	291,000 00	55,726 92				546,726 92
Ashland.....	Ashland Water Co.....	300,000 00	221,000 00	5,012 50			138,076 25	664,088 75
Beaver Dam.....	Beaver Dam Water Co.....	125,000 00	132,750 00				12,820 20	270,570 20
Beloit.....	Beloit Water, Gas & Electric Co.....	240,000 00	280,000 00	118,169 52			11,130 26	649,299 78
Chippewa Falls..	Chippewa Falls Water Works & Lt. Co.	125,000 00	149,000 00	4,329 49			748 93	279,078 42
Eau Claire.....	Eau Claire Water Co.....	100,000 00	350,000 00	489 79			11,264 38	461,754 17
Fond du Lac.....	Fond du Lac Water Co.....	200,000 00	204,500 00	24,629 26	\$1,550 72			430,679 98
Green Bay.....	The Green Bay Water Co.....	168,300 00	133,500 00	162,300 00				464,100 00
Janesville.....	Janesville Water Co.....	200,000 00	175,000 00				60,735 41	435,735 41
Manitowoc.....	Manitowoc Water Works Co.....	200,000 00	200,000 00				40,299 01	440,299 01
Marinette.....	City Water Works Co.....	200,000 00	300,000 00	86,146 73			4,055 45	590,202 18
Menomonie.....	Menomonie Water Works Co.....	100,000 00	119,000 00					219,000 00
Merrill.....	City Water Works Co.....	125,000 00	150,000 00	93,388 19				368,388 19
Oconto.....	City Water Supply Co.....	100,000 00					6,021 02	106,021 02
Oshkosh.....	Oshkosh Water Works Co.....	288,000 00	430,000 00				43,761 57	761,761 57
Racine.....	The Racine Water Co.....	400,000 00	936,000 00	25,877 27			35,273 15	1,397,150 42
Sheboygan.....	City Water Co.....	250,000 00	500,000 00	83,799 17			15,417 05	849,216 22
Stevens Point.....	Stevens Point Water Co.....	175,000 00	100,000 00					275,000 00
Superior.....	Superior Water, Light & Power Co.....	555,500 00	1,027,675 00	74,757 85	63,604 75	\$988 36	18,400 06	1,740,925 02
Washburn.....	Washburn Water Works Co.....	100,000 00	100,000 00	39,500 00				239,500 00
	Total.....	\$4,251,800 00	\$5,875,425 00	\$790,468 95	\$65,155 47	\$988 36	\$409,980 10	\$11,393,817 88

TABLE V.—WATER WORKS, 1907—Concluded.
Balance Sheet of Plants in Cities of Over 5,000 Population.
Liabilities.

CITY.	NAME.	Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
MUNICIPAL PLANTS.								
Baraboo	City Water Works		\$109,000 00	\$4,000 00			\$35,367 66	\$148,367 66
Berlin	" " "		36,000 00	7,908 29			23,320 23	67,228 52
De Pere	" " "		74,900 00	1,127 51	\$6,231 89			82,259 40
Grand Rapids	" " "		66,000 00	445 00			47,055 00	113,500 00
Kaukauna	" " "		60,500 00	838 05			23,832 71	85,170 76
Kenosha	" " "		77,000 00	1,537 69			248,339 62	326,877 31
La Crosse	" " "		185,000 00				298,819 54	483,819 54
Madison	" " "		20,000 00				505,510 79	525,510 79
Marshfield	" " "		79,550 00				16,660 30	96,210 30
Menasha	" " "		83,200 00				13,767 50	96,967 50
Milwaukee	" " "		190,000 00				6,281,478 44	6,471,478 44
Neenah	" " "		60,000 00				46,575 00	106,575 00
Portage	" " "		29,000 00				33,682 36	62,682 36
Rhineland	" " "		83,000 00	4,127 04			4,672 06	91,799 10
Two Rivers	" " "		42,000 00				21,606 86	63,606 86
Watertown	" " "		75,000 00	562 50			65,805 16	141,367 66
Waukesha	" " "		133,000 00		1,200 00		7,942 40	142,142 40
Wausau	" " "		100,000 00	46,900 47			94,257 12	241,157 59
Total			\$1,503,150 00	\$67,446 55	\$7,431 89		\$7,768,692 75	\$9,346,721 19

TABLE VI.—WATER WORKS. 1907.
Balance Sheet of Companies Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITY.	NAME OF COMPANY.	ASSETS.			
		Capital assets.	Current and accrued assets and cash.	Deficit.	Total.
Iron River.....	Iron River Water, Light & Power Co.....				
Lake Geneva.....	Lake Geneva Water & Light Co.....	\$121,197 79	\$4,447 60		\$125,645 39
Mellen.....	Mellen Water & Light Co.....	19,300 00	200 00		19,500 00
Ripon.....	Ripon Light and Water Co.....	154,045 63	8,023 55		162,069 18
Whitewater.....	Whitewater Water Works Co.....	33,000 00		\$70,500 00	153,500 00
Total.....		\$377,543 42	\$12,671 15	\$70,500 00	\$460,714 57

MUNICIPALITY.	NAME OF COMPANY.	LIABILITIES.				
		Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
Iron River.....	Iron River Water, Light & Power Co.....					
Lake Geneva.....	Lake Geneva Water & Light Co.....	\$32,650 00	\$83,000 00	\$8,692 84	\$1,302 55	\$125,645 39
Mellen.....	Mellen Water & Light Co.....	7,000 00		9,960 00	2,540 00	19,500 00
Ripon.....	Ripon Light & Water Co.....	71,131 63	67,000 00	8,467 55	15,470 00	162,069 18
Whitewater.....	Whitewater Water Works Co.....	80,000 00	73,500 00			153,500 00
Total.....		\$190,781 63	\$223,500 00	\$27,120 39	\$19,312 55	\$460,714 57

TABLE VII.—WATER WORKS, 1907.
Balance Sheet of Municipal Plants Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITIES.	ASSETS.				LIABILITIES.			
	Plant value first of year.	Construction during year.	Current assets and cash.	Total.	Bonds.	Current liabilities, etc.	City equity.	Total.
Algoma ¹	\$22,000 00		\$1,243 25	\$23,243 25	\$20,000 00		\$3,243 25	\$23,243 25
Arcadia ¹	21,584 42	\$80 00	79 15	21,743 57	10,000 00		11,743 57	21,743 57
Bayfield ¹	5,000 00	404 50	4,350 00	9,754 50	4,000 00	\$786 63	4,967 87	9,754 50
Black River Falls ¹	24,135 36	1,633 61	1,381 85	27,150 82		322 61	26,828 21	27,150 82
Brodhead.....	18,000 00			18,000 00			18,000 00	18,000 00
Burlington.....	45,544 06			45,544 06			45,544 06	45,544 06
Clinton ²	13,000 00			13,000 00	1,000 00	50 00	11,950 00	13,000 00
Columbus ¹	30,511 55	104 55	2,508 90	33,125 00	13,500 00		19,625 00	33,125 00
Cuba City ¹	10,000 00			10,000 00	5,000 00		5,000 00	10,000 00
Cumberland ¹	10,000 00		14 75	10,014 75			10,014 75	10,014 75
Darlington.....	15,000 00			15,000 00	15,000 00			15,000 00
Deerfield.....	5,000 00			5,000 00	2,100 00		2,900 00	5,000 00
Delavan.....	10,000 00			10,000 00	8,000 00		2,000 00	10,000 00
Dodgeville.....	30,000 00	5,000 00		35,000 00	20,000 00		15,000 00	35,000 00
Egerton.....	39,500 00	954 65		40,454 65	29,000 00		11,454 65	40,454 65
Elkhorn ¹	15,000 00		2,326 25	17,326 25	15,000 00	1,884 00	442 25	17,326 25
Ellsworth.....	16,519 03			16,519 03	11,250 00		5,269 03	16,519 03
Elroy ¹	15,000 00		200 00	15,200 00	6,350 00		8,850 00	15,200 00
Evansville ¹	40,000 00	307 08	1,966 71	42,273 79	40,000 00		2,273 79	42,273 79
Fennimore ¹	15,000 00		4,600 00	19,600 00	15,000 00	400 00	4,200 00	19,600 00
Ft. Atkinson ¹	56,400 64		3,799 93	60,200 57		3,905 92	56,294 65	60,200 57
Glenwood.....	14,400 00			14,400 00	5,540 39		8,859 61	14,400 00
Hudson.....	60,000 00		550 00	60,550 00	23,000 00	221 23	37,328 77	60,550 00
Jefferson ¹	47,500 00		515 21	48,015 21	41,300 00		6,715 21	48,015 21
Juneau ²	20,000 00			20,000 00	9,000 00		11,000 00	20,000 00
Kiel.....	30,000 00		709 40	30,709 40	22,000 00		8,709 40	30,709 40
Lake Mills.....	15,000 00			15,000 00	11,500 00		3,500 00	15,000 00
Lancaster.....	75,000 00	963 03		75,963 03	19,000 00		56,963 03	75,963 03
Lodi.....	15,445 00	1,911 44	1,984 73	19,341 17	8,700 00	1,620 30	9,020 87	19,341 17
Mazomanie ¹	10,400 00			10,400 00	2,400 00		8,000 00	10,400 00

Merrillan.....	7,500 00			7,500 00	7,500 00			7,500 00
Monroe.....	85,000 00	3,400 00	1,751 00	90,151 00	85,000 00	3,400 00	1,751 00	90,151 00
New London ¹	35,253 02	2,970 60	2,841 09	41,064 71	35,000 00	1,400 00	4,664 71	41,064 71
New Richmond ¹	25,000 00			25,000 00			25,000 00	25,000 00
Oconomowoc ¹	58,379 90	1,431 30	1,355 85	61,167 05	35,500 00	591 67	25,075 38	61,167 05
Onalaska.....	15,000 00		267 26	15,267 26		127 25	1,140 01	15,267 26
Plymouth ¹	39,831 23	1,022 76		40,853 99	³ 14,000 00		12,362 36	40,853 99
Prairie du Chien.....	27,000 00			27,000 00	28,491 63			27,000 00
Rice Lake ¹	30,982 53	2,228 98	957 47	34,168 98	27,000 00	1,914 94	32,254 04	34,168 98
Richland Center ¹	33,725 00			33,725 00	1,000 00		32,725 00	33,725 00
River Falls ¹	40,000 00			40,000 00	9,000 00		31,000 00	40,000 00
Shell Lake ¹	4,000 00			4,000 00	3,600 00		400 00	4,000 00
Soldiers Grove.....	12,000 00			12,000 00			12,000 00	12,000 00
Sparta.....	46,127 04	662 78		46,789 82	11,600 00		35,189 82	46,789 82
Spooner ¹	14,500 00	583 35	1,557 06	16,640 41	14,500 00	2,140 41		16,640 41
Stanley.....	15,000 00	2,500 00	16 00	17,516 00			17,516 00	17,516 00
Stoughton ¹	77,366 78	6,151 04		83,517 82			83,517 82	83,517 82
Sun Prairie.....	19,488 73	1,824 49	670 86	21,984 08	5,500 00	520 00	15,964 08	21,984 08
Tomah.....	30,000 00	5,500 00	750 00	36,250 00	30,000 00		6,250 00	36,250 00
Tomahawk.....	29,671 86	147 71		29,819 57			29,819 57	29,819 57
Viroqua.....	15,000 00	1,000 00	300 00	16,300 00	10,000 00	500 00	5,800 00	16,300 00
Waupaca.....	68,500 00	700 00	2,200 00	71,400 00	58,000 00		13,400 00	71,400 00
Waupun ¹	57,435 81	3,966 67	3,561 80	64,964 28	15,000 00		49,964 28	64,964 28
Wauwatosa.....	50,000 00	6,500 00		56,500 00	18,000 00		38,500 00	56,500 00
Westby ¹	4,500 00		75 00	4,575 00	2,000 00		2,575 00	4,575 00
Total.....	\$1,608,201 96	\$51,948 54	\$42,533 52	\$1,702,684 02	\$778,332 02	\$19,784 96	\$904,567 04	\$1,702,684 02

¹ Municipality also furnishes electric service.

² Municipality also furnishes gas service.

³ Legality of issue questioned by courts.

TABLE VIII.—WATER WORKS, 1907.

Water Supply, Pumpage, Pressure, Services and Meters for all Water Works—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Source of water supply.	Number of intakes or wells.	Depth of water at intake or well.	Power for p'ns. H. P.	Total water pumped. M gals.	Average daily p'mp age. M Gals.	Range of ordinary pressure. pounds	Range of fire pressure. pounds	SERVICE CONNECTIONS.				Number of meters.
										Foun-tains.	Hyd-rants	Commer-cial.	Total	
Algoma.....	Algoma City Water & L. D't	Intake.....	1	22	180	.....	.....	40-60	90-115	.....	37	125	162	1
Antigo.....	Antigo Water Co.	Wells.....	2	10	150	222,758	610	30-48	80-110	.....	3	99	11	113
Appleton.....	Appleton Water Works Co.	River and wells..	2 I-3W	12	200	526,000	1,500	25-70	90-125	.....	11	245	1,573	1,829
Arcadia.....	Arcadia El. L. & Water Plant	Well-Art.....	1	376	160	.....	.....	.....	.....	.....	.....	26	82	108
Ashland.....	Ashland Water Co.	Lake and wells..	1 I-10W	26-70	350	428,337	1,170	20-65	80-125	.....	4	243	2,051	2,298
Baraboo.....	Baraboo City Water Works.	Wells.....	6	15	80	284,820	781	60-104	80-120	.....	4	135	1,082	1,221
Bayfield.....	Bayfield Munic. Water Wks.	Lake.....	1	48	150	21,654	121	60-120	60-120	.....	2	41	380	423
Beaver Dam..	Beaver Dam Water Co.	Spr. & Art. wells	1 S-2W	.....	200	231,741	635	50-62	90-100	.....	5	134	795	934
Beloit.....	Beloit Water, Gas & Elec. Co.	Wells.....	49	80	200	618,072	1,700	.....	.....	.....	4	.....	1,457	1,461
Berlin.....	Berlin Munic. Water Wks.	Art. wells.....	2	24	140	42,000	127	54-90	.....	.....	7	81	372	460
B'k Ri'r Falls.	Bl'k Ri'r F'ls Ci'y W. Wks....	Well.....	1	10	100	32,850	90	80-100	80-100	.....	1	25	5	31
Brodhead.....	Brodhead Munic. Water Wks	Art. wells.....	2	500-1000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burlington....	Burlington City Water Wks.	Art. wells.....	3	155-1100	100	37,000	101	70-	70-	.....	5	57	394	456
Chi'p'wa Falls	Chip. Falls W. Wks. & L. Co.	Spring.....	9	.....	200	.....	.....	40-85	40-85	.....	8	156	1,541	1,716
Clinton.....	Clinton Munic. Water Wks.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
Columbus.....	Columbus W. W. & El. L. Co.	Wells.....	2	.....	160	.....	60	45-65	90-120	.....	1	36	227	264
Cuba City.....	Cuba City Munic. Water Wks	Well.....	1	150	100	.....	.....	.....	.....	.....	1	9	.....	10
Cumberland..	Cumberland Munic. W. Plant	Art. Well.....	1	600	250	.....	.....	.....	.....	.....	2	17	177	196
Darlington....	Darlington Munic. W. Wks.	Well.....	1	5	40	.....	.....	60-70	70-80	.....	1	.....	6	7
Deerfield.....	Deerfield Water Works.	Well.....	1	.....	.....	.....	.....	.....	.....	.....	.....	74	74	.....
Delavan.....	Delavan City Water Works.	Spring.....	6	6	140	17,945	54	37-50	37-120	.....	7	58	320	385
De Pere.....	De Pere City Water Dept.	Wells.....	4	.....	.....	.....	.....	.....	.....	.....	2	83	479	564
Dodgeville....	Dodgeville Munic. W. Wks.	Wells.....	3	300	140	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eau Claire....	Eau Claire Water Co.	Wells.....	56	25	240	.....	.....	65-75	90-140	.....	16	378	2,215	2,609
Edgerton.....	Edgerton Water Works.	Well.....	1	20	160	59,869	164	40-65	65-120	.....	1	1	24	26
Elkhorn.....	Elkhorn Light & Water Co.	Art. Well.....	1	1,050	350	18,552	58	45-60	60-80	.....	2	48	211	261
Ellsworth....	Ellsworth Munic. Water Wks.	Art. Well.....	1	265	.....	2,339	.....	40-70	50-110	.....	.....	29	63	92
Elroy.....	Elroy Munic. Water Plant.....	Wells.....	3	125	230	3,650	100	60-70	60-100	.....	1	20	341	362

Evansville....	Evansville Water & L. Dept.	Well.....	2	12	200	11,498	32	50-78	50-78	2	50	178	230	87
Fennimore....	Fennimore Water Plant.....	Art. well.....	1	878	200	2,855	8	50-60	100-120	1	51	.....	51	.....
Fond du Lac....	Fond du Lac Water Co.....	Art. wells.....	8	615	200	677,220	1,855	18-40	90-125	8	227	2,741	2,976	1,578
Ft. Atkinson....	Ft. Atkinson Munic. W. Wks.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glenwood.....	Glenwood Munic. W. Wks.....	Well.....	1	250	.....	.....	.....	40-50	40-50	2	15	100	117	.....
Grand Rapids	Grand Rapids Munic. W. Wks.	River, Wells.....	1 R-68	14	95	105,096	288	75-92	75-92	3	97	22	122	15
Green Bay.....	Green Bay Water Co.....	Art. wells.....	9	930	580	445,524	1,220	40-	80-85	6	338	3,435	3,769	.....
Hudson.....	Hudson City Water Works.....	Art. wells.....	2	650	200	125,759	342	60-85	70-105	4	66	579	649	547
Iron River.....	Iron River Water, L. & P. Co.	Spring.....	9	4	175	182,500	500	125	.....	1	41	211	253	.....
Janesville.....	Janesville Water Co.....	Wells.....	(? Art.)3	15	375	325,984	893	60-75	75-120	11	300	2,408	2,719	498
Jefferson.....	Jefferson City Water Dept.....	Art. well.....	1	800	200	34,587	100	60-65	105-115	2	52	295	349	3
Juneau.....	Juneau Munic. W. & Gas Pl't	Well.....	1	360	.....	.....	25	55-	55-	1	29	153	183	.....
Kaukauna.....	Kaukauna Water Works.....	Art. wells.....	2	800	320	.....	.....	30-75	60-100	4	95	319	323	60
Kenosha.....	Kenosha City Water Co.....	Lake, Art. wells.	1 I-8W	32	200	1,092,526	3,334	60-70	90-100	5	230	3,241	3,576	1,600
Kiel.....	Kiel Munic. Water Wks. Pl't.	Art. wells.....	1	485	.....	3,562	1	45-62	95-120	.....	.....	.....	.....	.....
La Crosse.....	La Crosse City Water Works.....	River.....	2	540	.....	993,015	2,720	60-	100-120	.....	472	4,340	4,812	960
Lake Geneva....	Lake Geneva Water & L. Co....	Spring, wells.....	5	16-1123	160	.....	.....	50-70	90-130	1	69	270	340	.....
Lake Mills.....	Lake Mills Munic. Water Wks	Wells.....	2	400	25	32,850	90	40-60	40-60	1	40	415	456	40
Lancaster.....	Lancaster Munic. W. Wks.....	Spring.....	1	130	160	27,000	75	.....	.....	1	3	461	465	28
Lodi.....	Lodi Water Works.....	Well.....	1	12	50	.....	40	75-80	75-80	1	28	162	191	.....
Madison.....	Madison City Water Works.....	Art. wells.....	9	740	260	531,987	1,458	45-86	74-115	4	292	4,188	4,474	4,070
Manitowoc.....	Manitowoc Water Wks. Co.....	River, well.....	2 I-1W	17	.....	370,122	1,014	67-79	90-115	7	203	1,661	1,871	.....
Marinette.....	Marinette City Water Co.....	L. R. Art. well.	2 I-1W	12-760	240	580,903	1,595	40-60	90-150	.....	237	2,556	2,793	.....
Marshfield.....	Marshfield Water, L. & P. Co.	Wells.....	17	.....	.....	114,000	175	60-78	78-110	2	91	280	243	.....
Mazomanie.....	Maz. Munic. L. & Water Pl't.	Wells.....	10	20	70	.....	18	80-	80-	1	10	2	13	.....
Mellen.....	Mellen Water & Light Co.....	River.....	1	80	.....	.....	45	60-	80-120	.....	8	75	83	.....
Menasha.....	Menasha Munic. Water Wks.	River.....	1	7	150	.....	175	55-65	55-65	.....	87	275	362	.....
Menomonie.....	Menomonie Water Wks. Co....	River, wells.....	1 I-2W	10-15	150	59,600	161	65-100	65-100	4	110	390	504	65
Merrill.....	Merrill City Water Wks. Co....	River.....	2	.....	180	277,297	760	.....	.....	5	175	862	1,042	.....
Merrillan.....	Merrillan Munic. Water Wks.	Wells.....	4	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee.....	Milwaukee Water Works.....	Lake.....	1	60	1,375	12,311,429	33,729	20-55	20-55	6	2,891	48,135	51,032	45,842
Monroe.....	Monroe City Water Works.....	Art. wells.....	3	95	120	70,000	.....	40-70	90-120	7	80	374	461	133
Neenah.....	Neenah City Water Works.....	Wells.....	2	550	120	128,294	352	40-49	49-80	6	91	567	634	.....
Neillsville.....	Neillsville Water Works.....	Well.....	1	.....	140	.....	.....	30-65	95-100	.....	54	207	261	207
New London....	New London Munic. W. Wks.....	River.....	1	15	100	.....	.....	50-65	65-75	3	56	159	118	50
New Rich'ond	New Rich. City E. L. & W. W.	Wells.....	7	42	100	10,957	.....	38-48	100-120	.....	26	122	148	.....
Oconomowoc....	Oconomowoc Water Works.....	Well.....	1	813	288	.....	65	45-55	85-110	2	53	267	324	263
Oconto.....	Oconto City Water Supply Co.	Wells.....	4	423	180	.....	.....	50-	100-	.....	4	122	906	1,032
Onalaska.....	Onalaska Water Works.....	Art. wells.....	2	170	50	.....	.....	60-65	60-65	1	23	124	148	.....

¹ Auxilliary service furnished by the Creamery Package Mfg. Co.

TABLE VIII.—WATER WORKS, 1907—Concluded.
Water Supply, Pumpage, Pressure, Services and Meters for all Water Works—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Source of water supply.	Number of intakes or wells.	Depth of water at intake or well.	Power for p'ns. H. P.	Total water pumped, M gals.	Average daily p'mp. M gals.	Range of ordinary pressure, pounds	Range of fire pressure, pounds	SERVICE CONNECTIONS.				Number of meters.
										Foun-tains.	Hyd-rants	Commer-cial.	Total	
Oshkosh.....	Oshkosh Water Works Co....	Lake.....	1	.....	500	1,020,623	2,796	35-40	90-125	15	444	2,693	3,152	454
Platteville....	Platteville Munc. W. Wks....	Well.....	1	120	175	34,792	192	76-80	110-120	7	129	781	917	533
Plymouth.....	Plymouth City Water Wks....	Art. Wells.....	2	310	450	.....	.....	.....	.....	2	53	164	219	153
Portage.....	Portage Water Works Dep't..	River.....	2	20	160	107,966	290	40-60	60-80	.....	94	855	949	.....
Pr. du Chien..	Pr. du Chien City Water Wks	Wells.....	1	.....	.....	.....	.....	123	123	.....	40	34	74	34
Racine.....	The Racine Water Co.....	Lake.....	1	47	500	869,844	2,383	.....	.....	6	558	6,310	6,874	3,555
Reedsburg....	Reedsburg Munc. Water Wks	Wells.....	4	10	300	.....	.....	50-65	50-100	5	46	424	475	360
Rhineland..	Rhineland Munc. Water Wks	River.....	2	12	200	.....	.....	48-54	80-105	.....	125	609	734	39
Rice Lake....	Rice Lake Munc. Water Wks.	Well.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rich'nd Cent.	Rich. Center City Water Wks	Well.....	1	348	120	.....	.....	70	90	5	53	410	468	86
Ripon.....	Ripon Light & Water Co.....	Wells.....	3	15	350	133,615	366	30-53	90-120	3	99	751	853	46
River Falls..	Riv. Falls Munc. Water Wks.	Art. wells.....	3	500	.....	64,159	176	65-80	65-80	3	.....	.....	6	.....
Sheboygan....	Sheb. City Water Works Co..	Lake.....	2	29	450	790,716	2,166	.....	.....	11	456	3,667	4,134	238
Shell Lake....	Shell Lake Water & Lt. Dep't.	Lake.....	1	25	160	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shullsburg..	Shullsburg Munc. Water Wks.	Wells.....	.....	.....	35	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soldiers Grove	Soldiers Gr. Munc. Water Wks	River, wells.....	11-1W	150	.....	13,140	36	85-105	85-105	1	21	55	77	.....
Sparta.....	Sparta Munc. Water Works....	Wells.....	2	18	160	95,142	261	60-80	100-140	1	51	311	363	260
Spooner.....	Spooner Munc. W. & Lt. Plant	River, well.....	1-1	.....	.....	46,590	127	18-20	100-115	1	16	115	132	.....
Stanley.....	Stanley Munc. Water Wks....	Well.....	1	12	35	10,950	30	60-65	125-150	3	24	93	120	.....
Stevens Point.	Stevens Point Water Co.....	River, well.....	11-2W	25	160	182,612	1,500	55-66	68-130	2	144	422	568	68
Stoughton....	Stoughton Munc. Water Wks.	Art. and sur. well	1A-2S	37-1,010	140	.....	.....	.....	.....	1	93	586	690	20
Sun Prairie..	Sun Pra. Munc. Water Wks....	Art. well.....	1	712	.....	10,097	28	55-58	55-58	3	30	105	138	7
Superior....	Superior Water Lt. & Pr. Co..	Wells.....	87	35	465	810,220	2,220	43-70	90-115	5	614	3,232	3,851	1,362
Tomah.....	Tomah Munc. Water Wks....	Wells.....	2	100	.....	.....	.....	.....	.....	2	59	485	546	.....
Tomahawk....	Tomahawk Munc. Water Wks.	Spring.....	2	8	360	.....	.....	25-40	80-120	.....	36	426	462	.....
Two Rivers... Viroqua.....	Two Riv. Munc. W. & Lt. Pl'nt Viroqua Munc. Water Wks....	Lake..... Wells.....	1 2	14 360	250	39,189	107	35-50	80-100	3	68	374	445	236
Washburn....	Washburn Water Works Co..	Lake.....	1	.....	160	123,389	343	25-108	25-108	1	76	408	545	1

Watertown.....	Watertown Munc. Water Wks	Art. wells.....	2	150-1,040	150	282,540	774	82- 87	110-120	5	167	790	962	515
Waukesha.....	Waukesha Munc. Water Wks.	Art. wells.....	3	1,400	180	164,250	450	55- 60	55- 60	5	213	1,194	1,402	1,195
Waupaca.....	Waupaca Munc. Water Wks...	Wells.....	16	10	130	87,600	242	55- 65	55-150	2	79	303	384	1
Waupun.....	Waupun City Water Works...	Wells.....	2	800	223	.....	.....	53- 55	53- 55	1	46	365	412	116
Wausau.....	Wausau Munc. Water Wks....	Wells.....	30	130	160	597,921	1,600	55- 60	90-120	1	206	2,100	2,307	35
Wauwatosa....	Wauwatosa Munc. Water Wks	Art. well.....	1	1,350	150	35,164	96	50- 95	50- 95	1	102	303	406	271
Westby.....	Westby Munc. Water Works..	Well.....	1	300	6	8,760	24	40	40	.....	.....	.....	.....	.....
Whitewater...	Whitewater Water Wks. Co..	Art. wells.....	4	0	160	64,748	177	65- 75	100-130	7	109	379	495	.....

TABLE IX.—WATER WORKS, 1907.
Equipment.—All Water Works.

LOCATION.	NAME OF COMPANY.	BOILERS.		PUMPS.			RESERVOIRS.			FILTERS.			STANDPIPES.			
		No.	Total rated H. P.	No.	Kinds.	Capacity in M gallons.	No.	Head feet.	Capacity in M gallons.	No.	Kind.	Capacity in M gallons.	No.	Distance from pumping sta- tion in feet.	Height in feet.	Capacity in M gallons.
Algoma	City Wat. & L. Dept.	2	180	2	Duplex.....	54	1	87								
Antigo	Antigo Water Co...	2	150	2	Gordon-Maxwell....	3,000						1	0	100	150	
Appleton.....	Appleton Water Works Co.	2	200	3	2 Water power and steam combined, 1 steam.	4,500	1	23	2,500	3	Jewel pres- sure.	2,250				
Arcadia.....	Arcadia Elec. Light & Water Plant.	2	160	1	Horiz. Compound Duplex.	500	1	80	175							
Ashland.....	Ashland Water Co..	3	350	3	2 Gaskill—1 Deane...	7,000	1		200	3	Slow sand...	3,000				
Baraboo.....	Baraboo City Water Works.	1	80	3	2 Wat. pow. 1 steam.	8,000							1	6,600	52	275.5
Bayfield.....	Bayfield Mun. Water Works.	2	150	2	Duplex.....	1,200	1	16	151							
Beaver Dam..	Beaver Dam Wat.Co.	2	200	2	Comp'd condensing.	3,000							1	5,580	84	190
Beloit.....	Beloit Water, Gas & Electric Co.	3	200	9	3 Power, 4 steam, 2 elec. centrifugal.	4,000	1	14	537.6				1	0	115.5	105.7
Berlin.....	Berlin Mun. Water Works.	2	140	2	Laidlaw-Dunn-Gor- don.	2,000	2	134	300							
Bl. Riv. Falls.	Black River Falls City Water Works.	1	100	2	Gordon-Maxwell- Smith-Vaile.	2,000							1	1,625	100	150
Brodhead....	Brodhead Mun. Wat. Works.			2	1 Piston, 1 fire rotary.	1,800										
Burlington...	Burlington City Wat. Works.	2	100	4	Duplex.....	3,168	1	12	85				1	2,640	100	70
Chip'wa Falls.	Chippewa Falls Wat. Wks. & Lt. Co.	2	200	3	2 Deane, 1 Phoenix..	5,000							1	6,083	100	368
Clinton.....	Clinton Mun. Water Works.							1								
Columbus....	Columbus Mun. Wat. Wks. & Elec.Lt.Co.	2	160	1	Compound duplex...	1,000	1	18	90				1	2,640	60	70
Cuba City....	Cuba City Mun. Wat. Works.	1	100	1	Belt pump.....								1		134	60

Cumberland..	Cumberland Mun. Water Plant.	2	250	1	Steam duplex.....	216					1	90	323			
Darlington ...	Darlington M un. Water Works.	1	40	2	Smedley		1	9								
Deerfield.....	Deerfield Wat. Wks.	2	140	2	Fairbanks & Morse Duplex.	50	2	18	70.5	1	Wood.....	535	1	700	70	47
Delavan.....	Delavan City Water Works.	2	140	2	Deane-Plunger Triplex.	1,440	2		100				2	4,000	125	100
De Pere.....	De Pere City Water Dept.			4	Keystone & Fairbanks Morse.	834							1	560	84	60
Dodgeville....	Dodgeville M un. Water Works.	2	140	6	Duplex steam, Triplex water power.	12,000	1	6	4,000							
Eau Claire....	Eau Claire Wat. Co..	3	240	2	Smith-Vaile.....	1,500	1	20	225				1	800	80	125
Edgerton.....	Edgerton Wat. Wks.	2	160	2	1 Air lift, 1 pressure.		1		42				1	2,640	110	75
Elkhorn.....	Elkhorn Lt. & Wat. Comm.	3	350	1	Deane steam.....	86							1	0	105	75
Ellsworth.....	Ellsworth Mun. Wat. Works.			2	Smith-Vaile	835	1	120	200				1		120	200
Elroy.....	Elroy Mun. Water Plant.	2	230	2	Compound duplex...	504							1	5,280	75	
Evansville....	Evansville Water & Light Dept.	2	200	2	Fairbanks-Morse....	216	1	10	4,712							
Fennimore....	Fennimore Water Plant.	2	200	2	Gaskill comp. condensing.	6,000	1	4	2,500							
Fond du Lac..	Fond du Lac Water Co.	2	200	2	Steam.....	2,000							1	2,300	111	120
Ft. Atkinson..	Ft. Atkinson Munic. Water Works.	2	220	2	Power force.....								1	1,650	100	
Glenwood.....	Glenwood Munic. Water Works.			3	1 Fairbanks-Morse 2 Geared.	2,520	2		125				1	5,280	160	165
Grand Rapids.	Grand Rapids Munic. Water Works	1	45	3	1 Snow 2 Knowles.	10,000	3	25	1,250							
Green Bay....	Green Bay Water Co.	4	580	2	Blake and Worthington.	1,000	1	235	216							
Hudson.....	Hudson City Water Works.	2	200	2	Blake and Dean.....	1,350										
Iron River....	Iron River Water Light & Power Co.	3	175	2	Blake duplex.....	4,500	1	11	796				1	6,600	85	312
Janesville....	Janesville Water Co.	3	375	2	Smith-Vaile.....	2,350	1		16				1	1,400	100	9.5
Jefferson.....	Jefferson City Water Dept.	2	200	1	Deep well.....	72							1		115	60
Juneau.....	Juneau Munic. Water & Gas Plant.			2	Deane comp. duplex.	3,000	1	14	300				1	2,000	102	176
Kaukauna....	Kaukauna Water Works.	2	320	3	{ Laidlaw-Dunn.....	8,000							1	2,640	138	250
Kenosha.....	Kenosha City Water Co.	2	200	2	{ Gordon and Barr....								1	2,500	120	110
Kiel.....	Kiel Munic. Water Works Plant.			2	Gould deep well....	792										

TABLE IX.—WATER WORKS, 1907—Continued.
Equipment—All Water Works.

LOCATION.	NAME OF COMPANY.	BOILERS.		PUMPS.			RESERVOIRS.			FILTERS.			STANDPIPES.			
		Number.	Total rated H. P.	Number.	Kind.	Capacity in M gallons.	Number.	Head feet.	Capacity in M gallons.	Number.	Kind.	Capacity in M gallons.	Number.	Distance from pumping station, in feet.	Height in feet.	Capacity in M gallons.
La Crosse.....	La Crosse City Water Works.	3	540	3	1 Holly, 2 Blake.....	16,500										
Lake Geneva..	Lake Geneva Water & Light Co.	2	160	5	4 Horiz, 1 Vertical...	3,350	1	16	84.7			1		65	100	
Lake Mills....	Lake Mills Munic. Water Works.			1	Gould triplex.....	432						1	660	120	60	
Lancaster....	Lancaster Munic. Water Works.	2	160	2	Deane.....	700						1	11,880	70	105	
Lodi.....	Lodi Water Works..	1	50	1	Worthington double duplex.	576	1	16	135							
Madison.....	Madison City Water Works.	2	260	2	{ Triple expan. condensed and Knowles-Reynolds.	5,500	1		198			1	1,650	200	53	
Manitowoc....	Manitowoc Water Works Co.	2		2	Comp. duplex.....	4,000	1		175			1	7,920	120	288	
Marinette....	Marinette City Water Co.	3	240	4	{ 1 Worthington triplex, 1 Worthington comp., 2 Deane comp	9,000	2	19.7		10	Jewell gravity.	3,000	2		19.7	300
Marshfield....	Marshfield Water, Light & Power Co.	3	450	3	{ Worthington-Smedley and De Laval.	3,000	1	11	500			1	8,000	120	170	
Mazomanie....	Maz. Munic. Light & Water Plant.	1	70	1	Smedley duplex.....	18	1	190	120							
Mellen.....	Mellen Water & Light Co.	1	65	2	{ Gould triplex, Cameron steam	648	1		450							
Menasha.....	Menasha Munic. Water Works.			2	Gould.....	2,500						1	550	135	86	
Menomonie....	Menomonie Water Works Co.	2	150	2	Gordon-Maxwell....	1,500						1	5,280	85	100	
Merrill.....	Merrill City Water Works Co.	2	180	3	{ Deane comp. and Deane simple and Laidlaw-Dunn-Gordon.	4,500				5	3 Jewell, 2 Concrete.					

Merrillan.....	Merrillan Munic. Water Works.			1	Gould.....	144						1	600	110	50
Milwaukee....	Milwaukee Water Works.	11	1,375	5	3 comp. 2 Triple comp	66,000	1	150	21,500			2	600	125	12
Monroe.....	Monroe City Water Works.	2	120	3	2 Steam. 1 belt triplex	960	1		75			1	5,280	65	60
Neenah.....	Neenah City Water Works.	2	120	2	Deane.....		1		93			1	0	115	270
Neillsville....	Neillsville Water Works.	2	140	2	Buffalo.....							1	5,280	100	118
New London..	New London Munic. Water Works.	1	100	2	Deane duplex.....	720						1	3,000	80	73
New Richmo'd	New Rich. City Elec. Lt. & Water Works	1	100	2	Steam and electric..	726						1	50	85	2.3
Oconomowoc..	Oconomowoc Water Works.	3	288	2	Comp. duplex.....	2,000						1	0	115	85
Oconto.....	Oconto City Water Supply Co.	3	180	4	Deane-Smith-Vaile.	4,000	1		280						
Onalaska.....	Onalaska Wat. Wks.	1	50	1	Gordon.....	1,000						1	2,200	110	183
Oshkosh.....	Oshkosh Wat. Wks. Co.	4	500	3	Hall-Gaskell, 1 Worthington Compound Duplex.	9,500	1	15	1,250	1	Warren & Jewell.	4,000			
Platteville....	Platteville Munic. W. Works.	2	175	2	Compound Duplex.	1,750	2	8	80			1	5,280	100	60
Plymouth.....	Plymouth City Wat. Works.	3	450	2	Triplex & Duplex.	1,500	1	20	40			1	1,320	1200	324
Portage.....	Portage Water Wks. Department.	2	160	2	Worthington-Simple & Compound.	3,370						1	1,500	100	
Pr. du Chien..	Prairie du Chien City Water Works.	1					1		320						
Racine.....	The Racine Wat. Co.	4	500	4	Allis-Centrif., Blake Compound, Allis Trip. Expan., Worthington Trip.	21,000						1		90	332
Reedsburg....	Reedsburg Munic. Water Works.	2	150	2	Worthington-Smith-Vaile.	1,550	1	17	40			1	2,500	100	63
Rhinelanders..	Rhinelanders Munic. Water Works.	2		3	2 steam, 1 electric...	2,000				1	Sand gravity	1	400	65	150
Rice Lake.....	Rice Lake Munic. Water Works.			2	Buffalo; Smith-Vaile.										
Richland Cen.	Rich. Center City Water Works.	2	120	2	Duplex steam.....	864	1	175	120						
Ripon.....	Ripon Light & Wat. Co.	3	350	2	Duplex.....	3,000						1	3,960	100	135
River Falls....	River Falls Munic. Water Works.			2	Gould triplex, Fairbanks Morse.	1,008	1	200	180						

¹200 feet above source.

TABLE IX.— WATER WORKS, 1907—Concluded.
Equipment—All Water Works.

LOCATION.	NAME OF COMPANY.	BOILERS.		PUMPS.			RESERVOIRS.			FILTERS			STANDPIPES.			
		No.	Total rated H. P.	No.	Kind.	Capacity in M gallons.	No.	Head-feet.	Capacity in M gallons.	No.	Kind.	Capacity in M gallons.	No.	Distance from pumping station in feet.	Height in feet	Capacity in M gallons.
Sheboygan....	Sheboygan City W. Works. Co.	4	450	3	Nordberg-comp. Gaskill comp. Laidlaw Dunn Gordon.	15,000						1	0	140	329	
Shell Lake....	Shell Lake Water & Light Department.	2	160	2	F. D. Wells.....											
Shullsburg....	Shullsburg Munic. Water Works.	1		1		720						1	5,280	60	60	
Soldiers Grove	Soldiers Grove Mun. Water Works.			2		423	1	38								
Sparta.....	Sparta Munic. Wat. Works.	2	160	2	Tandem compound duplex.	2,000						2	5,280	124 / 120	120	
Spooner.....	Spooner Munic. W. & Light Plant.			2	Deeming triplex....	720										
Stanley.....	Stanley Munic. Wat. Works.			1	Stillwell Bierce & Smith.	648	1	85								
Stevens Point.	Stevens Point W. Co.	2	160	2	Holly.....	4,000				2 Rebuilt Hyatt	1,000	1	0	140	363	
Stoughton....	Stoughton Munic. Water Works.	2	140	2	Duplex compound..	1,500						1	200	121	30	
Sun Prairie....	Sun Prairie Munic. Water Works.			2	Woods & Gould.....	1,094	1	30				1	1,695	85	60	
Superior.....	Superior W. Light & Power Co.	5	465	4	Worthington Horiz. 2 Deane comp. 1 Allis H. D. vertical compound.	12,000	1	68	325	1 Slow sand....	5,000					
Tomah.....	Tomah Munic. Wat. Works.	2	80	2	Smith-Vaile dup.	1,008	1	30				1	2,640	117	50	
Tomahawk....	Tomahawk Munic. Water Works.	2	360	2	Fairbanks-Morse; Smith-Vaile.	2,500										
Two Rivers...	Two Rivers Munic. Water & Lt. Plant.	2	250	2	Duplex.....	1,500						1	0	120	180	

Viroqua.....	Viroqua Munic. W. Works.																		
Washburn....	Washburn Water Works Co.	2	160	2	Deane.....	2,000	1		1,200										
Watertown...	Watertown Munic. Water Works.	2	150	2	Comp. condensing...	3,000	1	13	450			1	3,960	110	150				
Waukesha....	Waukesha Munic. Water Works.	2	180	2	1 Compound & 1 High pressure.	5,000	1	22	85			1	1,320	150	75				
Waupaca.....	Waupaca Munic. W. Works.			3	2 piston; 1 centrif...	2,160	1	117	282										
Waupun.....	Waupun City Wat. Works.	3	223	2	Deane duplex.....	1,008	1		45			1	2,640	75	60				
Wausau.....	Wausau Munic. W. Works.	2	150	2	Holly.....	6,000													
Wauwatosa...	Wauwatosa Munic. Water Works.	2	150	2	Smith-Vaile duplex.	2,000	1	12	176			1		130	101				
Westby.....	Westby Munic. W. Works.	1	6	1	Gasoline.....	57						1	100	50	72				
Whitewater...	Whitewater Water Works Co.	2	160	2	Deane.....	3,000	1	8	850			1	2,300	¹ 160	165				

¹160 feet above pumps.

TABLE I.—TELEPHONE COMPANIES, 1907.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	OPERATING REVENUES.				OPERATING EXPENSES.									
	Subscribers rentals.	Terminal charge on long distance business.	Miscellaneous revenues.	Total operating revenues.	General.				Operating.					
					Salaries and wages.	Rent, light and heat (gen. offices).	Directory expenses.	Sundry supplies and expense.	Total general.	Salaries and wages.	Rent, light and heat (exch. man'g't).	Advertising and canvassing.	Sundry supplies and expense.	
Algoma.....	\$2,457 04	\$226 34	\$6 00	\$2,689 38	\$223 17	\$17 13	\$4 00	\$109 94	\$354 24	\$718 50	\$123 35			\$12 00
Appleton.....	14,480 84	1,334 91		15,815 75	1,196 65	98 43	148 91	703 43	2,147 42	4,535 18	535 85	\$153 99		52 04
Ashland.....	10,145 18	1,128 87	49 50	11,323 55	1,880 43	90 72	39 70	888 51	2,899 36	2,766 71	605 88	326 03		75 02
Bayfield.....	2,528 50	293 42	4 50	2,826 42	406 30	21 47	18 00	135 78	581 55	740 73	149 67	12 58		5 50
Beaver Dam.....	11,308 54	475 39		11,783 93	852 39	72 22	53 30	451 06	1,428 97	2,616 65	525 28	40 33		17 90
Beloit ¹	11,123 86	536 97	58 52	11,719 35	1,014 41	84 22	86 90	607 86	1,793 39	2,938 65	304 92	237 13		35 37
Brookfield.....	1,051 00	69 46		1,120 46	84 35	8 12		51 81	144 28	373 25	133 05	5 83		18 29
Burlington.....	4,670 86	464 48	41 00	5,176 34	523 75	43 04	27 48	280 05	874 32	1,719 17	194 38	20 50		5 25
Burnett Jct.....	893 85	42 84		936 69	98 18	9 20		46 96	154 34	390 00	122 90			1 13
Cedarburg.....	1,121 81	168 11		1,289 92	109 73	5 87		36 30	151 90	354 98	60 00			
Chippewa Falls... ¹	13,036 51	407 52	4 90	13,448 93	974 32	78 23	34 88	506 23	1,593 66	2,694 94	509 12	284 36		15 73
Columbus.....	4,416 35	277 17	7 50	4,701 02	409 60	34 95	8 50	216 30	669 35	1,351 86	164 19	12 63		25 65
Corliss.....	653 08	55 07		708 15	101 81	8 76	18	60 08	170 83	431 79	125 50	11 49		27 57
Darlington.....	2,643 57	210 54		2,854 11	317 95	24 34	10 70	165 16	518 15	1,070 69	192 89	14 93		1 56
De Pere.....	8,945 32	219 93		9,165 25	671 31	66 89	15 90	421 17	1,175 27	2,206 32	378 96	49 65		96 10
Delavan.....	7,136 80	412 49	55 00	7,604 29	593 06	47 79	44 75	354 51	1,040 11	1,801 61	184 60	111 73		22 02
Eau Claire.....	33,511 06	1,088 03	297 50	34,896 59	2,830 05	195 71	622 91	1,318 00	4,966 67	6,272 92	976 84	1,213 22		35 19
Elkhorn.....	1,297 26	250 68	20	1,548 14	265 27	19 89	5 02	138 95	429 13	710 45	166 34	5 77		14 95
Fond du Lac.....	39,753 45	1,715 48	143 00	41,611 93	2,606 56	190 05	208 18	1,253 33	4,258 12	8,616 18	974 56	169 03		47 62
Fort Atkinson....	394 79	256 40		651 19	155 56	16 83		98 96	271 35	499 00	151 25			28 92
Genoa Jct.....	3,210 17	172 23		3,382 40	340 87	23 06	5 50	178 91	548 34	606 77	204 95	2 00		17 00
Grand Rapids ¹	167 50	193 48		360 98	158 21	6 17		40 19	204 57	339 50	81 85			3 00
Green Bay.....	46,434 74	2,756 23	12 00	49,202 97	3,531 18	290 61	494 40	2,642 94	6,959 13	9,587 20	1,350 65	2,796 92		224 74
Green Lake.....	804 20	122 09		926 29	90 80	4 82		26 98	122 60	274 58				
Hartford.....	3,141 58	345 34	4 50	3,491 42	339 22	21 20	7 50	122 24	490 16	1,030 60	264 83			13 30

¹ Discontinued during 1907.

TABLE I.—TELEPHONE COMPANIES. 1907.—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	OPERATING REVENUES.				OPERATING EXPENSES.								
	Subscribers rentals.	Terminal charge on long distance business.	Miscellaneous revenues.	Total operating revenues.	General.				Operating.				
					Salaries and wages.	Rent, light and heat (gen. offices).	Director-y expenses.	Sundry supplies and expense.	Total general.	Salaries and wages.	Rent light and heat (exch. man'g't).	Advertising and canvassing.	Sundry supplies and expense.
Waukesha	\$17,271 86	\$1,071 62	\$101 90	\$18,445 38	\$1,341 67	\$119 18	\$110 81	\$757 42	\$2,329 08	\$4,325 41	\$988 70	\$784 04	\$26 06
Waupun.....	2,990 07	342 43	08	3,332 58	374 65	24 38	5 50	146 08	550 61	921 57	132 85	.....	14 90
West Bend.....	3,239 33	310 19	6 63	3,556 15	315 30	20 11	22 93	124 77	483 11	1,028 89	180 31	.....	2 80
Whitewater.....	6,339 85	353 07	.....	6,692 92	619 87	51 68	32 00	289 91	993 46	1,670 23	493 44	6 00	47 32
Winneconne.....	310 33	77 73	.....	388 06	51 30	4 09	.....	26 47	81 86	198 56	.....	.....	.....
Total, ex. sys...	\$1,488,696 68	\$52,325 15	\$7,394 07	\$1,548,415 90	\$98,984 12	\$3,669 76	\$17,074 71	\$59,142 14	\$183,870 73	\$330,069 49	\$50,634 41	\$46,089 81	\$3,712 40
Total, toll sys...	.....	.....	.....	500,087 87	17,531 50	1,053 43	23 34	5,594 19	24,175 78	29,902 26	1,073 42	642 18	846 50
Total, entire sys	\$1,488,696 68	\$52,325 15	\$7,394 07	\$2,048,503 77	\$116,515 62	\$9,723 19	\$17,071 37	\$64,736 33	\$208,046 51	\$359,971 75	\$51,707 83	\$56,731 99	\$4,558 90

¹ The details of toll system total operating revenues are as follows:
Toll service.....\$164,482 86
85% of tolls originating from W. T. Co. exchanges.... 296,509 15
Private line and sub-licensee companies..... 22,447 45
Profit on material sold..... 16,478 39
Net income from messenger service..... 169 19
Miscellaneous toll earnings..... 83
Total.....\$500,087 87

² Net gain.

TABLE I.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems,
Operating Expenses—Continued.

LOCATION OF EXCHANGE.	Operating—conclud'd Total operating.	CURRENT REPAIRS.					Instrument rentals.	Real estate expense.	RECONSTRUCTION AND DEFERRED REPAIRS.				
		Salaries and wages.	Rent, light and heat.	Material and supplies.	Sundry expense.	Total current repairs.			Salaries and wages.	Material and supplies.	Sundry expense.	Reserve.	Total reconstruction and def. repairs.
Algoma.....	\$853 85	\$382 50	\$10 00	\$126 17	\$90 54	\$809 21	\$175 40		\$38 15	\$64 92	\$13 54	\$184 98	\$288 37
Appleton.....	5,277 06	1,875 05		691 78	3,067 59	3,067 59	1,035 42		312 91	657 59	35 65	499 68	1,505 83
Ashland.....	3,773 64	2,328 28	2 00	1,028 67	369 46	3,728 55	781 39		4,599 00	1,878 79	1,129 37	\$5,016 90	2,590 26
Bayfield.....	908 48	382 31	35 00	176 01	163 09	756 41	198 56		237 20	180 80	6 85	\$250 47	\$115 52
Beaver Dam.....	3,200 16	2,131 10		630 62	359 08	3,120 80	640 35		926 16	712 85	183 75	\$2985 29	827 47
Beloit ¹	3,516 07	2,055 52		680 68	266 67	3,002 87	646 29		1,693 09	4,246 53	254 91	\$5,015 67	1,178 86
Brookfield.....	530 42	8 85	3 50	40 63	106 00	158 98	66 94		23 42	28 27	101 40	349 10	502 19
Burlington.....	1,939 30	888 69	24 00	425 49	283 41	1,621 59	343 79		107 30	152 14	13 61	\$2603 37	\$330 32
Burnett Jct.....	514 03	41 91		157 60	126 09	225 60	52 13		5 55	22 11	24 85	272 43	325 04
Cedarburg.....	414 98	22 61		10 07	61 63	94 31	99 08		26 34	36 69		\$287 89	150 92
Chippewa Falls....	3,504 15	1,880 09		538 38	451 68	2,870 15	697 40		708 09	1,183 15	156 46	\$2,340 93	706 77
Columbus.....	1,554 33	1,014 53	12 50	180 35	221 57	1,428 95	277 06		165 83	501 19	30 27	\$2417 12	280 17
Corliss.....	596 35	26 83	3 40	44 71	85 29	160 23	45 02		7 04	20 18	3 05	456 98	487 25
Darlington.....	1,280 07	430 47		167 57	85 34	683 38	179 14		104 99	128 69	28 88	\$2207 33	55 23
De Pere.....	2,731 03	1,766 41		303 78	400 05	2,469 78	460 60		1,799 74	1,286 11	499 15	\$2,089 42	1,489 58
Delavan.....	2,119 96	1,184 75	19 00	262 72	635 80	2,102 27	436 37		477 48	534 27	185 93	\$2550 94	637 74
Eau Claire.....	8,498 17	5,843 57	498 13	1,443 50	947 42	8,742 62	1,802 80	\$813 18	7,223 86	5,738 97	1,923 94	\$11,545 58	3,341 19
Elkhorn.....	897 51	467 98		67 56	281 49	817 03	130 75		72 48	126 43	4 00	\$2425 07	\$222 16
Fond du Lac.....	9,207 39	4,553 83	45 00	1,425 10	570 94	6,594 87	2,264 51		1,365 96	1,364 44	275 90	\$2605 30	2,401 00
Fort Atkinson.....	679 17	107 62		32 87	117 00	257 49	92 88		6 00	30 26		\$2107 02	\$70 76
Genoa Jct.....	830 72	626 59		283 81	295 98	1,206 38	192 57		57 61	123 67	13 40	\$3 50	188 18
Grand Rapids ¹	424 55	16 14		3 03	23 19	42 36	64 31		2 60	12 54	1 55	114 50	131 19
Green Bay.....	13,959 51	6,368 37	727 32	1,714 56	1,538 97	10,349 22	2,867 47	1,368 72	2,219 85	2,766 58	420 22	\$916 08	6,322 73
Green Lake.....	274 58	68 75		6 90	79 71	155 36	71 56		8 92	29 00	1 50	116 43	155 85
Hartford.....	1,308 73	308 90		82 26	118 97	510 13	240 78		611 91	814 27	231 38	\$2749 26	908 30

¹Discontinued during 1907.

²Indicates deductions from maintenance reserve for current reconstruction.

³Net gain.

TABLE I.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.
Operating Expenses—Continued.

LOCATION OF EXCHANGE.	Operat- ing—conclud'd Total operat- ing.	CURRENT REPAIRS.					Instru- ment rentals.	Real estate expense.	RECONSTRUCTION AND DEFERRED REPAIRS.				
		Salaries and wages.	Rent, light and heat.	Material and supplies.	Sundry expense.	Total current repairs.			Salaries and wages.	Material and supplies.	Sundry expense.	Reserve.	Total reconstruction and def. repairs.
Hartland.....	\$858 83	\$266 40		\$62 98	\$142 14	\$471 52	\$135 66		\$37 78	\$82 31	\$3 43	\$137 26	\$213 74
Horicon.....	618 09	46 20		48 34	96 38	190 92	98 18		18 77	51 36	12 58	128 19	210 90
Hortonville.....	1,404 95	348 02		213 13	258 43	819 58	181 66		64 67	234 22	40 49	1,229 99	109 39
Hurley.....	1,251 54	920 99	\$3 00	184 40	99 33	1,207 72	236 33		54 76	105 96	3 00	1,398 69	2,234 97
Janesville.....	5,953 80	2,584 27	60 00	858 46	454 73	3,937 46	976 75		1,072 68	1,466 79	260 59	1,400 69	1,399 37
Jefferson.....	1,240 81	733 45	59 25	452 43	113 56	1,358 69	200 08		732 25	520 75	225 80	1,494 04	215 24
Juneau.....	845 73	43 60		120 47	57 83	97 35			11 82	97 25	6 50	171 21	44 36
Kaukauna.....	3,096 75	1,192 31	12 00	231 99	274 05	1,710 35	422 78		3,228 86	4,517 63	1,121 33	16,504 72	2,360 10
Kewaunee.....	654 37	185 68		140 42	138 21	464 31	140 94		287 64	925 54	116 28	1,667 85	661 61
La Crosse.....	10,657 04	6,994 77	731 08	1,820 02	1,233 76	10,779 63	1,839 89	\$1,077 63	1,678 81	2,790 02	235 82	872 71	5,577 36
Lake Geneva.....	4,847 69	2,552 78	41 00	581 91	1,942 15	5,117 84	788 77		2,908 29	4,475 40	978 39	16,187 99	2,174 09
Lancaster.....	1,155 95	367 45	19 50	143 54	130 01	660 50	165 41		62 81	82 85	1 78	185 93	333 37
Lima Center.....	177 47	89 16	36 00	81 42	299 18	505 76	69 07		16 65	24 89	16 00	168 15	225 69
Madison.....	13,944 25	6,936 25	899 57	1,835 02	1,232 53	10,930 37	2,171 81	1,541 97	1,402 66	2,337 78	266 70	8,903 55	12,912 69
Manitowoc.....	5,261 60	1,135 83		157 79	287 67	1,581 31	1,142 04		2,318 65	1,592 73	649 31	652 68	5,213 37
Marinette.....	5,376 89	2,005 25	53 00	481 77	351 30	2,891 32	1,216 35		2,113 64	1,278 06	578 36	1,547 76	3,422 30
Mayville.....	630 42	289 56	1 50	245 14	82 30	618 50	137 40		25 09	202 27	05	352 44	215 03
Menomonie.....	3,342 74	2,152 02	5 03	604 63	796 13	3,557 78	762 85		4,979 68	4,945 46	993 89	19,430 08	1,488 95
Milwaukee.....	229,513 43	95,065 38	7,678 51	19,791 76	9,997 97	132,533 62	43,067 61	20,408 92	101,144 11	45,755 93	1,598 55	129,441 74	119,056 85
Neenah-Menasha..	4,570 61	2,187 98	43 25	924 16	494 11	3,649 50	1,293 07		307 89	428 75	64 08	1,290 80	2,091 52
New London.....	1,871 07	618 88		427 52	74 14	1,120 54	247 14		48 41	238 46	8 13	1,489 76	2,194 76
Oconomowoc.....	2,421 45	1,189 34		282 95	681 34	2,153 63	562 01		914 12	948 74	91 12	1,222 68	1,731 30
Oconto.....	2,241 44	1,432 66	30 59	459 32	368 80	2,291 37	368 39		1,202 71	1,582 98	515 77	3,657 84	3,356 38
Oconto Falls.....	540 00	38 49		147 40	75 45	261 34	86 92		8 59	46 19	3 42	130 08	271 88
Omro.....	930 26	212 29	13 00	67 96	82 12	150 79	174 86		486 18	394 74	239 45	142 31	1,262 68

¹Indicates deduction from maintenance reserve for current reconstruction.

²Net gain.

Oshkosh.....	\$12,714 84	\$7,138 86	\$739 15	\$1,762 33	\$1,444 22	\$11,084 56	\$2,968 60	\$1,119 31	\$3,928 82	\$2,830 30	\$1,259 69	\$466 38	\$7,452 43
Peshigo.....	158 36	345 39		141 36	220 54	707 29	127 08		21 18	45 97	8 41	¹ 176 76	² 101 20
Port Washington..	1,448 94	397 71		218 60	120 49	736 80	237 02		1,753 61	1,307 67	617 96	³ 233 66	445 58
Princeton.....	540 57	89 13		39 73	35 27	164 13	74 58		17 95	22 08	1 19	59 64	100 86
Racine.....	12,027 75	7,392 80	671 10	2,141 23	1,490 39	11,695 52	1,921 36	1,171 50	10,175 04	6,574 83	3,735 24	¹ 10,625 38	9,859 73
St. Martins.....	906 68	96 34		15 07	139 40	250 81	60 49		7 75	26 95	10 85	205 54	251 09
Shawano.....	1,617 07	568 14	4 00	273 00	105 90	951 04	291 93		834 09	1,299 85	315 51	¹ 2,466 18	² 16 73
Shullsburg.....	900 00	304 06		77 22	88 21	469 49	115 71		27 49	43 18	16 00	¹ 144 68	² 58 01
South Milwaukee..	1,672 74	801 87		89 79	167 56	1,059 22	361 42		1,809 36	1,080 56	792 80	¹ 1,843 96	1,838 76
Stanley.....	995 11	431 98		173 60	124 78	730 36	152 55		35 52	90 57	7 99	¹ 342 98	² 208 90
Stevens Point.....	3,976 83	1,956 16	36 00	316 18	229 80	2,538 14	670 57		370 07	660 51	124 85	¹ 898 58	256 85
Stoughton.....	2,034 69	1,352 35	2 25	208 71	499 31	2,062 63	496 01		530 57	359 33	326 76	¹ 680 75	535 91
Sturgeon Bay.....	3,015 43	1,713 81	10 00	483 49	417 84	2,625 14	535 11		1,299 23	2,928 31	564 62	¹ 4,115 86	676 30
Washburn.....	1,433 46	617 35		105 60	138 24	861 19	180 26		174 07	320 22	41 25	¹ 406 95	128 59
Watertown.....	4,068 37	1,779 10		297 52	259 47	2,336 09	679 29		569 99	994 57	37 62	¹ 1,515 82	86 36
Waukesha.....	6,124 21	2,156 85		781 25	708 10	3,646 20	1,078 23		988 02	1,262 81	176 22	¹ 216 89	2,210 16
Waupun.....	1,069 32	530 49	31 50	189 96	238 87	990 82	233 14		61 77	124 05	19 71	¹ 415 76	² 210 23
West Bend.....	1,212 00	252 76	7 25	134 41	51 00	445 42	234 73		60 68	78 54		402 10	541 32
Whitewater.....	2,216 99	1,370 37	39 00	372 98	294 39	2,076 74	384 18		1,358 92	2,040 32	593 29	³ 551 61	440 92
Winneconne.....	198 56	57 71		18 74	67 29	143 74	36 59		9 48	9 89		¹ 53 35	² 33 98
Total, ex. sys....	\$430,506 11	\$193,499 48	\$12,606 35	\$49,633 06	\$34,784 82	\$289,523 71	\$81,284 74	\$27,501 23	\$171,862 61	\$119,868 01	\$22,220 54	\$107,121 83	\$206,829 33
Total, toll sys....	32,464 36	28,210 15	27 75	6,292 22	22,698 08	57,228 20	8,218 28	322 75	20,661 07	18,725 42	8,014 38	63,894 33	111,485 20
Total, entire sys..	\$462,970 47	\$221,709 63	\$12,634 10	\$54,925 28	\$57,482 90	\$346,751 91	\$89,450 89	\$27,823 98	\$192,523 68	\$138,773 43	\$30,234 92	\$43,237 50	\$318,314 53

¹Indicates deductions from maintenance reserve for current reconstruction.

²Net gain.

³Net deductions from maintenance reserve for exchange systems.

⁴Net deduction from maintenance reserve for entire company.

TABLE I.—TELEPHONE COMPANIES: 1907—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	Total operating expenses.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Taxes.	Interest.	Total.	
Algoma.....	\$1,924 33	\$765 05		\$765 05	\$161 47	\$125 33	\$286 80	\$478 25
Appleton.....	13,033 32	2,782 43		2,782 43	951 19	706 24	1,657 43	1,125 00
Ashland.....	13,773 20	² 2,449 65		² 2,449 65	710 44	658 17	1,368 61	² 3,818 26
Bayfield.....	2,329 48	496 94		496 94	182 63	155 79	338 45	158 49
Beaver Dam.....	9,217 75	2,566 18		2,566 18	590 19	532 47	1,122 66	1,443 52
Beloit ¹	10,137 48	1,581 87		1,581 87	569 73	651 96	1,221 69	360 18
Brookfield.....	1,402 81	² 282 35		² 282 35	61 38	59 55	120 93	² 403 28
Burlington.....	4,448 68	727 66		727 66	315 92	317 14	633 06	94 60
Burnett Jct.....	1,271 14	² 334 45		² 334 45	48 16	67 23	115 39	² 449 84
Cedarburg.....	911 19	378 73		378 73	90 97	39 95	130 92	247 81
Chippewa Falls.....	9,372 13	4,076 80		4,076 80	640 79	564 01	1,204 80	2,872 00
Columbus.....	4,209 86	491 16		491 16	260 18	258 57	518 75	² 27 59
Corliss.....	1,459 68	² 751 53		² 751 53	42 49	64 35	106 82	² 558 35
Darlington.....	2,715 97	138 14		138 14	164 96	172 55	337 51	² 199 37
De Pere.....	8,326 26	838 99		838 99	424 12	456 90	881 02	² 42 03
Delavan.....	6,336 45	1,267 84		1,267 84	399 40	361 37	760 77	507 07
Eau Claire.....	28,154 63	6,741 96	\$1,465 22	8,207 18	1,665 02	1,465 00	3,130 02	5,077 16
Elkhorn.....	2,052 26	² 504 12		² 504 12	120 26	147 97	268 23	² 72 35
Fond du Lac.....	24,725 89	16,886 04		16,886 04	2,085 49	1,379 03	3,464 52	13,421 32
Ft. Atkinson.....	1,230 13	² 578 94		² 578 94	85 59	80 97	166 56	² 745 50
Genoa Jct.....	2,966 19	416 21		416 21	175 59	174 19	349 78	66 43
Grand Rapids ¹	866 78	² 505 80		² 505 80	56 42	47 85	104 27	² 610 07
Green Bay.....	41,826 73	7,376 19	1,994 56	9,370 75	2,641 17	2,157 64	4,798 81	4,571 94
Green Lake.....	779 95	146 34		146 34	65 36	34 90	100 26	46 08
Hartford.....	3,458 10	58 32		58 32	221 97	375 47	597 44	² 842 15
Hartland.....	1,766 95	76 71		76 71	123 77	110 08	233 85	² 157 14
Horton.....	1,308 59	276 20		276 20	90 16	68 30	158 46	117 74
Hortonville.....	3,042 07	406 84		406 84	166 86	193 92	360 78	46 06
Hurley.....	3,180 24	1,314 86		1,314 86	222 73	213 74	436 47	878 39
Janesville.....	14,988 59	2,175 46		2,175 46	897 78	871 07	1,768 85	406 61

¹ Discontinued during 1907.² Deficit.

Jefferson	\$3,397 87	\$52 05	.....	\$52 05	\$184 06	\$221 25	\$408 31	\$1,356 26
Juneau.....	1,454 05	162 59	.....	112 59	89 63	96 41	186 04	1,348 63
Kaukauna.....	8,661 21	1,943 46	.....	1,443 46	389 64	416 73	806 37	11,749 83
Kewaunee.....	2,195 70	1,132 29	.....	1,132 29	129 13	96 46	225 59	1,357 88
La Crosse.....	36,082 11	393 06	2,233 30	2,623 45	1,699 30	1,891 03	3,593 36	1,366 91
Lake Geneva.....	15,183 59	75 92	.....	75 92	724 27	870 95	1,595 22	11,519 30
Lancaster.....	2,709 98	200 92	.....	200 92	151 60	149 83	301 43	1,100 51
Lima Center.....	1,165 01	146 71	.....	146 71	63 27	55 87	119 14	27 57
Madison.....	48,379 97	14,954 47	2,698 81	12,255 66	2,003 26	2,190 69	4,193 95	16,449 61
Manitowoc.....	14,920 74	4,591 55	.....	4,591 55	1,054 17	648 38	1,702 55	2,889 00
Marinette.....	15,081 15	7,258 38	.....	7,258 38	1,119 53	715 36	1,834 89	5,423 49
Mayville.....	1,614 83	317 79	.....	317 79	130 42	102 22	232 64	85 15
Menomonie.....	11,038 74	3,300 13	.....	3,300 13	703 02	609 82	1,312 84	1,987 29
Milwaukee.....	634,005 01	254,024 24	41,106 56	295,130 80	39,509 57	31,655 97	71,165 54	223,965 26
Neenah-Menasha.....	13,637 01	8,530 88	.....	8,530 88	1,189 55	725 96	1,915 51	6,615 37
New London.....	3,735 08	2 54	.....	2 54	217 68	256 46	474 14	1,471 60
Oconomowoc.....	7,927 99	1,229 93	.....	1,229 93	529 43	381 74	911 17	318 75
Oconto.....	5,564 19	235 99	.....	235 99	339 42	425 83	765 25	1,529 26
Oconto Falls.....	1,005 60	321 73	.....	321 73	79 61	73 58	153 19	168 54
Omro.....	2,883 40	200 21	.....	200 21	161 80	73 58	235 38	135 17
Oshkosh.....	41,785 03	10,785 36	2,087 83	12,873 19	2,732 31	2,061 98	4,794 29	8,078 90
Peshigo.....	1,108 03	499 88	.....	499 88	116 38	86 83	203 21	296 67
Port Washington.....	3,432 37	1,252 94	.....	1,252 94	216 50	180 30	396 60	1,649 74
Princeton.....	1,094 73	1,258 89	.....	1,258 89	68 71	59 64	128 35	1,387 24
Racine.....	42,753 66	8,315 19	1,971 42	16,343 77	1,766 28	2,085 94	3,552 22	10,195 99
St. Martins.....	1,697 28	1,805 55	.....	1,805 55	55 74	99 51	155 25	1,960 80
Shawano.....	3,476 44	851 86	.....	851 86	267 74	217 77	485 51	366 35
Shullsburg.....	1,773 51	171 05	.....	171 05	105 96	125 91	231 87	1,302 92
South Milwaukee.....	5,545 88	554 41	.....	554 41	333 98	249 00	582 98	1,28 57
Stanley.....	2,102 52	535 21	.....	535 21	139 97	147 10	287 07	248 14
Stevens Point.....	9,186 08	2,972 87	.....	2,972 87	616 36	561 17	1,177 53	1,795 34
Stoughton.....	6,067 43	3,215 29	.....	3,215 29	456 14	355 04	811 18	2,401 11
Sturgeon Bay.....	8,147 41	817 31	.....	817 31	493 52	508 94	1,062 46	1,185 15
Washburn.....	3,279 24	1,646 67	.....	1,646 67	164 44	201 96	366 40	1,013 07
Watertown.....	8,725 95	2,835 94	.....	2,835 94	625 09	564 80	1,189 89	1,646 05

¹ Deficit.

TABLE I.—TELEPHONE COMPANIES, 1907—Concluded.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	Total operating expenses.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Taxes.	Interest.	Total.	
Waukesha	\$15,387 88	\$3,057 50	.....	\$3,057 50	\$992 13	\$887 81	\$1,879 94	\$1,177 56
Waupun	2,633 66	698 92	.....	698 92	214 40	174 84	389 24	309 68
West Bend	2,916 58	639 57	.....	639 57	215 87	146 23	362 10	277 47
Whitewater	6,112 29	580 63	.....	580 63	355 00	369 07	724 07	² 143 44
Winneconne	426 77	² 38 71	.....	² 38 71	33 44	28 75	62 19	² 100 90
Total, exchange system.....	\$1,219,515 85	\$328,900 05	\$53,557 79	\$382,457 84	\$74,670 54	\$63,066 46	\$137,737 00	\$244,720 84
Total, toll system.....	¹ 241,957 36	258,130 51	16,284 13	274,414 64	6,688 95	7,670 14	14,359 09	260,055 55
Total, entire system	¹ \$1,461,473 21	\$587,030 56	\$69,841 92	\$656,872 48	\$81,359 49	\$70,736 60	\$152,096 09	\$504,776 39

¹ Includes sub-licensee expense. \$8,062.79.
² Deficit.

TABLE II.—TELEPHONE COMPANIES, 1907.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating Exchanges in Cities of Over 5,000 Population.

EXCHANGE.	NAME OF COMPANY.	OPERATING REVENUES.					OPERATING EXPENSES.				
		Subscribers' rentals.	Other exchange earnings.	Income from toll service.	Miscellaneous income from operation.	Total income from operation.	General.				Total.
							Salaries and wages.	Rent, light and heat.	Directory expense.	Miscellaneous general expense.	
Antigo.....	Antigo Telephone Co.....	\$10,440 53	\$536 50	\$4,707 86	.....	\$15,684 89	.....	.....	\$40 00	\$166 09	\$206 09
Appleton.....	Fox River Valley T. & T. Co.....	26,190 17	.....	584 35	.....	26,774 52	\$2,169 00	.....	90 00	272 10	2,531 10
Ashland.....	Ashland Home Telephone Co.....	19,072 28	497 29	1,370 53	.....	20,940 10	120 00	\$360 00	82 00	362 59	924 59
Baraboo.....	Baraboo Telephone Co.....	8,002 09	1,042 28	1,090 13	\$6 04	10,138 04	700 00	.....	25 00	118 51	843 51
Beloit ²	Beloit Home Telephone Co.....	10,398 35	579 22	214 63	60 95	11,253 15	625 00	.....	80 32	445 34	1,150 66
Chippewa Falls...	Chippewa County Telephone Co...	7,573 96	639 00	.....	.....	8,212 96	1,280 25	30 00	30 28	213 49	1,554 02
Grand Rapids.....	Wood County Telephone Co.....	9,939 88	.....	700 15	.....	10,640 03	\$4,451 26	\$896 40	\$24 00	\$350 68	\$5,722 34
Green Bay.....	Fox River Valley T. & T. Co.....	22,226 40	.....	335 05	.....	21,648 65	.....	.....	110 00	608 00	718 00
Kenosha.....	Kenosha Home Telephone Co.....	29,905 83	749 59	600 02	.....	31,255 44	900 00	.....	193 55	419 77	1,513 32
La Crosse.....	La Crosse Telephone Co.....	33,617 87	27 00	1,661 01	.....	35,305 88	4,090 50	463 93	380 00	1,151 62	6,086 05
Madison.....	Dane County Telephone Co.....	44,418 18	.....	3,590 40	.....	48,008 58	2,550 00	144 00	190 00	880 00	3,764 00
Merrill.....	Merrill Telephone Co.....	9,600 00	.....	1,016 00	.....	10,616 00	.....	.....	100 00	150 00	250 00
Portage.....	Portage Telephone Co.....	9,049 55	355 90	3,609 60	.....	13,015 05	200 00	.....	.....	64 00	264 00
Racine.....	Citizens Telephone Co.....	41,676 32	.....	455 29	.....	41,503 12	1,656 00	470 00	328 95	1,199 95	3,654 90
Rhineland.....	Rhineland Mutual Tele. Co.....	7,726 70	.....	.....	.....	7,726 70	.....	.....	66 00	100 50	166 50
Sheboygan.....	Citizens Telephone Co.....	26,588 37	1,112 36	1,466 42	.....	29,167 15	2,240 20	278 37	4 19	1,269 91	3,792 67
Superior.....	Douglas County Telephone Co.....	39,654 94	1,038 18	1,397 51	199 67	42,350 30	1,304 69	216 50	449 98	2,503 66	4,474 83
Superior.....	Peoples Telephone Co.....	31,360 00	.....	1,929 83	.....	33,282 33	1,229 76	74 11	210 00	2,694 14	4,208 01
Total.....	.....	\$87,441 42	\$6,637 32	\$24,738 78	\$266 66	\$417,522 89	\$23,516 66	\$2,933 31	\$2,404 27	\$12,970 35	\$41,824 59

¹ Refunds deducted, \$2.50. ² Report covers four months of the year. ³ Includes operating expenses. ⁴ Refunds deducted, \$912.80.

⁵ Refunds deducted, \$638.49. ⁶ Refunds deducted, \$7.50.

⁷ Total refunds deducted, \$1,561.29.

TABLE II.— TELEPHONE COMPANIES, 1907—Continued.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating Exchanges in Cities of Over 5,000 Population.

NAME OF COMPANY.	OPERATING EXPENSES—continued.												Instru- ment rentals.	Miscel- laneous expense of opera- tion.
	Operating.					Current repairs.								
	Salaries and wages.	Rent, light, heat.	Adver- tising and can- vassing.	Miscel- laneous.	Total.	Ex- change over- head lines.	Ex- change under- ground lines.	Central office equip- ment.	Sub- scribers equip- ment.	Toll over- head lines.	Miscel- laneous current repairs.	Total.		
Antigo Telephone Co.	\$4,437 39	\$279 20			\$4,716 59					\$12 21		\$2,112 21	\$317 68	
(Appleton) F. R. V. T. & T. Co.	6,730 00	360 00			7,090 00	\$2,100 00						2,371 54		\$24 50
Ashland Home Tel. Co.	8,277 55		\$13 45	\$422 13	8,713 13	250 00	\$425 75	\$615 50	295 50	\$784 79	2,371 54	185 25	119 06	65 91
Baraboo Tel. Co.	2,811 11	393 86		225 96	3,430 93		68 43	40 00			2,211 13	2,211 13	250 09	58 90
Beloit Home Tel. Co.	2,728 73	463 97	208 07	51 30	3,452 07									
(Chip. Falls) C. Co. Tel. Co.	1,222 50	180 00	28 00	25 00	1,455 50						288 97	288 97		
(Gr. Rapids) Wood Co. T. Co.	(1)	(1)	(1)	(1)	(1)	4,833 27	3,059 96	238 00			8,131 23			
(G. Bay) Fox R. V. T. & T. Co.	11,400 00	240 00			11,640 00	2,300 00		21 00			2,321 00			
Kenosha Home Tel. Co.	7,436 17	1,197 41	302 24	230 81	9,166 63					7,255 62	7,255 62	762 19	962 76	
La Crosse Tel. Co.	8,238 26	463 94	89 60	713 82	9,505 62	2,543 75	\$133 29	343 55	282 36	108 40	578 42	3,989 77		
(Madison) Dane Co. Tel. Co.	12,712 00	647 90	630 00	1,703 31	15,693 21	2,630 00		490 00	980 00	323 00	67 00	4,490 00		32 00
Merrill Tel. Co.	4,200 00	200 00		616 58	5,016 58	400 00		200 00	100 00		365 39	1,065 39	250 00	
Portage Tel. Co.	3,044 75			635 75	3,680 50						1,027 95	1,027 95		2,106 80
(Racine) Cit. Tel. Co.	8,617 66		436 00	848 66	9,902 32						\$5,233 32	\$5,233 32		
Rhineland Mut. Tel. Co. .	2,615 78	207 37		88 57	2,911 72	748 18		115 61			863 79	218 76		
(Sheboygan) Cit. Tel. Co. .	3,933 70	1,074 52		95 37	5,103 59						2,508 05	2,508 05	583 62	
(Superior) Douglas Co. T. Co.	10,221 97	1,081 05	1,157 00	309 45	12,769 47						6,892 78	6,892 78	1,976 19	177 13
(Superior) Peoples Tel. Co. .	6,148 80	518 83		223 89	6,891 52						\$5,511 79	\$5,511 79		
Total	\$104,776 37	\$7,308 05	\$2,864 36	\$6,190 60	\$121,139 38	\$15,805 20	\$133 29	\$4,703 30	\$2,276 86	\$739 11	\$32,803 03	\$56,460 79	\$4,477 59	\$3,428 00

¹ Included in general expense.² Includes deferred repairs.

TABLE II.—TELEPHONE COMPANIES, 1907—Concluded.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating Exchanges in Cities of Over 5,000 Population.

NAME OF COMPANY	OPERATING EXPENSES—Concluded.							Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
	Reconstruction and Deferred Repairs.						Total operating expenses.				Interest.	Taxes.	Total fixed charges.	
	Ex-change over-head lines.	Central office equip-ment.	Sub-scribers station equip-ment.	Toll over-head lines.	Miscel-laneous deferred repairs.	Total.								
Antigo Tel. Co.....	\$3,244 09	\$407 56	\$959 35	.....	\$101 89	\$4,712 89	\$9,953 25	\$5,731 64	.....	\$5,731 64	.....	\$270 95	\$270 95	\$5,460 69
(Appleton) F. R. V. T. & T. Co	.....	.....	.....	.....	8,740 79	8,740 79	20,474 10	6,300 42	.....	6,300 42	.....	\$5,873 63	618 66	6,492 29
Ashland Home Tel. Co.....	1,150 00	.....	75 00	\$225 00	122 49	1,572 49	13,606 25	7,333 85	\$633 84	7,972 69	6,792 00	509 04	7,501 04	671 65
Baraboo Tel. Co.....	.....	19 25	.....	.....	.....	19 25	4,664 91	5,473 13	327 03	5,800 16	177 50	237 38	414 88	5,385 28
Beloit Home Tel. Co.....	.....	.....	.....	.....	1,956 52	1,956 52	9,079 37	2,173 78	.....	2,173 78	.....	279 85	279 85	1,893 93
(Chipp. Falls) C. Co. Tel. Co	.....	.....	.....	.....	2,420 00	2,420 00	5,718 49	2,494 47	.....	2,494 47	.....	159 27	159 27	2,335 20
(G. Rapids) Wood Co. Tel Co	.....	.....	.....	.....	.....	.....	13,853 57	\$3,213 54	.....	\$3,213 54	88 06	256 41	345 07	\$3,558 61
(G. Bay) F. R. V. T. & T. Co.	.....	.....	.....	.....	5,213 59	5,213 59	19,892 59	1,756 06	.....	1,756 06	7,086 41	461 27	7,547 68	\$5,791 62
Kenosha Home Tel. Co.....	.....	.....	.....	.....	7,113 01	7,113 01	26,773 53	4,481 91	1,562 76	6,044 67	862 50	1,447 22	2,309 72	3,734 95
La Crosse Tel. Co.....	.....	.....	.....	.....	.....	.....	19,581 44	15,724 44	413 03	16,137 47	1,200 00	883 92	2,083 92	14,053 55
(Madison) Dane Co. Tel. Co.	4,780 00	100 00	1,075 00	350 00	270 00	6,575 00	30,554 21	17,454 37	.....	17,454 37	1,660 87	1,200 00	2,860 87	14,593 50
Merrill Tel. Co.....	510 00	.....	.....	289 84	.....	799 84	7,381 81	3,234 19	.....	3,234 19	.....	265 40	265 40	2,968 79
Portage Tel. Co.....	.....	.....	.....	.....	.....	.....	7,079 25	5,935 80	.....	5,935 80	675 20	220 55	895 75	5,040 05
(Racine) Cit. Tel. Co.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	18,790 54	22,712 58	.....	22,712 58	7,635 04	1,037 58	8,672 62	14,039 96
Rhineland Mut. Tel. Co..	.....	.....	.....	.....	.....	.....	4,160 77	3,565 93	.....	3,565 93	456 50	174 87	631 37	2,934 56
(Sheboygan) Cit. Tel. Co....	.....	.....	.....	.....	9,024 79	9,024 79	21,012 72	8,154 43	.....	8,154 43	.....	585 89	585 89	7,568 54
(Superior) Do'glas Co. T. Co	.....	.....	.....	.....	5,725 29	5,725 29	32,015 69	10,334 61	.....	10,334 61	7,928 53	1,359 63	9,288 16	1,046 45
(Superior) Peoples Tel. Co..	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	16,611 32	16,671 01	371 64	17,042 65	5,202 80	633 66	5,836 46	11,206 19
Total.....	\$9,684 09	\$523 81	\$2,109 35	\$864 84	\$40,688 37	\$53,873 46	\$281,203 81	\$136,319 08	\$3,313 30	\$139,632 38	\$45,639 64	\$10,601 55	\$56,241 19	\$83,391 19

¹ Included in current repairs.

² Deficit.

TABLE III—TELEPHONE COMPANIES, 1907.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Company) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Number of exchange systems included in report.	OPERATING REVENUES.				
			Subscribers' rentals.	Other exchange earnings.	Income from toll service.	Miscellaneous income from operation.	Total income from operation.
Abbotsford.....	Abbotsford Electric Light and Tel. Co.....	1	\$2,346 30	\$103 00	\$52 35		\$2,449 30
Albany.....	The United Telephone Company.....	1	1,839 30	160 66			1,999 96
Alma.....	The Fountain City Telephone Company.....	1	208 82				208 82
Almond.....	The Almond Telephone Company.....	1	2,265 72		848 75		3,114 47
Amery.....	The Amery Electric Company.....	1	3,853 25		497 04		4,350 29
Argyle.....	Argyle Telephone Company.....	1	850 00		52 00	\$197 00	1,099 00
Ashland.....	North Wisconsin Toll Line Company.....				4,204 85		4,204 85
Athens.....	Athens Telephone Company.....	1	921 75	30 66	4 15		956 56
Augusta.....	J. L. Ball Telephone Company.....	1	3,478 55	127 70	113 47	26 70	3,746 42
Baldwin.....	Baldwin Telephone Exchange.....	1	2,850 00				2,850 00
Belleville.....	Belleville Telephone Company.....	1	2,280 00	30 00			2,310 00
Berlin.....	Waushara Telephone Company.....	3	5,276 90	385 58	2,463 30		8,125 78
Biramwood.....	Biramwood Telephone Company.....	1	1,080 00		40 00	60 00	1,180 00
Blanchardville.....	The United Telephone Company.....	1	1,299 05	646 42			1,945 47
Bloomer.....	Bloomer Telephone Company.....	1	5,748 98	150 69			5,899 67
Boscobel.....	Boscobel Telephone Company.....	1	1,794 77		101 95	98 00	1,994 72
Bristol.....	Bristol Telephone Company.....	1	1,463 67				1,463 67
Brodhead.....	Brodhead Telephone Company.....	1	6,388 74	108 05	916 55	14 45	7,427 49
Brooklyn.....	Brooklyn Telephone Company.....	1	2,400 00		402 10	3 60	2,805 70
Bruce.....	Chippewa Valley Telephone Company.....	1	4,387 67		4,266 73	167 95	8,311 69
Burlington.....	Burlington, Brighton & Wheatland Tel. Co.....	1	2,499 60	262 05	279 49	16 50	3,030 21
Cambridge.....	Cambridge Telephone Company.....	1	701 00	20 95			721 95
Cedar Grove.....	Cedar Grove Telephone Company.....	1	690 55	55 55	88 57	10 05	812 12
Clinton.....	Clinton Telephone Company.....	1	6,094 57	108 27	142 37		6,345 21
Crandon.....	Crandon Telephone Company.....	1	2,032 05		212 00		2,244 05
Cumberland.....	Cumberland Telephone Company.....	1	2,481 21	162 85		18 00	2,662 06
DePere.....	Fox River Valley Telephone and Tel. Co.....	1	3,597 47		457 79		4,055 26

¹ Refunds deducted, \$52.35.² Refunds deducted, \$185.87.³ Refunds deducted, \$510.66.⁴ Refunds deducted, \$27.43.⁵ Refunds deducted, \$31.91.⁶ Refunds deducted, \$457.79.

Dorchester.....	Lapp & Sturner Telephone Co.....	1	206 75	76 24	44 00	49 60	576 59
Eagle.....	Eagle Telephone Company.....	7	14,753 00	785 78			15,538 78
Eleva.....	Shaw Telephone Company.....	1	1,200 00	30 00			1,225 00
Elkhorn.....	The State Long Distance Telephone Co.....	1	3,932 24			344 21	4,276 45
Ellsworth.....	Pierce County Telephone Company.....	1	4,111 77		1,210 78	63 80	5,386 35
Florence.....	Michigan State Telephone Company.....	2	2,030 14		228 80	17 25	2,276 19
Fountain City.....	Fountain City Telephone Company.....	1	3,031 58				3,031 58
Franksville.....	Franksville Telephone Company.....	1	1,482 78		133 75		1,616 53
Frederick.....	The Tri-State Telephone and Tel. Co.....	1	568 00		78 63		646 63
Freistadt.....	Freistadt and Cedarburg Telephone Co.....	1	323 46	56 80			380 26
Glenwood.....	West Wisconsin Telephone Company.....	1	1,844 65	50 80	108 18	23 65	2,027 28
Glidden.....	Glidden Telephone Company.....	3	3,154 65		860 93		4,015 58
Grafton.....	Grafton Telephone Company.....	1	1,262 20	141 70	60 07		1,463 97
Grantsburg.....	The Tri-State Telephone and Tel. Co.....	1	2,073 00		288 12		2,364 12
Green Bay.....	Brown County Telephone Company.....	1	1,678 51	1,124 06			2,663 29
Greenwood.....	Greenwood Telephone Company.....	1	715 55		304 37		1,019 92
Hillsboro.....	Hillsboro Telephone Company.....	1	3,048 55	25 95	138 65		3,213 15
Hixton.....	Central Wisconsin Telephone Company.....	10	16,276 83		1,218 66		17,495 49
Hudson.....	The Northwestern Telephone Exchange Co.....	3	12,193 33	51 04	7,408 94	758 92	18,276 67
Iron River.....	Iron River Water, Light & Power Company.....	1	2,040 00	344 00			2,384 00
Kilbourn.....	Farmer's Inter-County Mutual Tel. Co.....	1	2,678 04		141 19		2,819 23
Knapp.....	Knapp Telephone Company.....	4	3,085 85	105 99	376 34		3,568 18
LaFarge.....	LaFarge Telephone Company.....	1	1,904 55		127 62	18 00	2,050 17
Lake Mills.....	Interurban Telephone Company.....	1	2,800 00		383 00	19 00	3,202 00
Loyal.....	Loyal Telephone Company.....	1	881 47		63 17		944 64
McFarland.....	People's Telephone Co. of Dane County.....	1	492 00		124 56		611 76
Mapleton.....	The Badger Telephone Co. of Oconomowoc.....	2	761 31		360 48		1,121 79
Markesan.....	Markesan Telephone Company.....	1	2,280 00	156 00			2,436 00
Mazomanie.....	Mazomanie Telephone Company.....	1	2,128 68	10 00	268 80		2,407 48
Menomonee Falls.....	Menomonee Falls Telephone Company.....	1	1,853 54	290 47			2,144 01
Milton.....	Milton and Milton Junction Telephone Co.....	1	7,296 14	165 93			7,462 07
Milwaukee.....	Badger Telegraph and Telephone Co.....	1			12,141 36	239 80	12,381 16
Mineral Point.....	Mineral Point Telephone Company.....	1	5,178 70	511 64			5,690 34
Monroe.....	The Monroe Telephone Company.....	1	9,440 20	378 91			9,819 11
Monroe.....	The United Telephone Company.....	1	678 70		919 69		1,598 39
Monticello.....	The United Telephone Company.....	1	912 24	57 61			969 85
Morrisonville.....	Columbia County Telephone Company.....	2	639 17		43 05		682 22
Neillsville.....	Badger State Telegraph and Telephone Co.....	2	5,653 15		1,725 05		7,378 20

¹ Refunds deducted, \$5.00.

² Refunds deducted, \$139.28.

³ Refunds deducted, \$2,135.56.

⁴ Refunds deducted \$18.0.

⁵ Commissions to connecting companies deducted, \$3,583.33.

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Income Account of Companies, (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Number of exchange systems included in report.	OPERATING REVENUES.				
			Subscribers' rentals.	Other exchange earnings.	Income from toll service.	Miscellaneous income from operation.	Total income from operation.
New London.....	Fox River Valley Telep. and Telegraph Co.	1	\$629 04		\$27 75		² \$617 95
Norwalk.....	Monroe County Telephone Company.....	1	889 98			\$11 40	901 38
Oakfield.....	Oakfield Telephone Company.....	1	2,291 90		715 94		3,007 84
Picketts.....	Utica Telephone Company.....	1	1,385 50		373 75		1,759 25
Poynette.....	Poynette Telephone Company.....	2	2,760 00		150 00		2,910 00
Prairie du Chien..	Union Telephone Company.....	1	3,033 25	\$319 23		109 35	3,461 83
Rio.....	Peoples' Telephone Company of Wycocena..	6	7,993 05	558 01	879 83		9,430 89
Ripon.....	Ripon Telephone Company.....	1	3,993 74	559 04	59 32		4,612 10
River Falls.....	Pierce County Telephone Company.....	1	5,282 14		1,001 67	110 45	6,394 26
Roberts.....	Pierce County Telephone Company.....	1	630 00		318 67	6 65	955 32
Rochester.....	Burlington, Rochester & Kansasville T. Co	1	3,338 15	437 13	437 95	33 30	³ 4,206 37
Rosendale.....	Rosendale Telephone Company ¹	1	361 00	35 00	20 00	3 00	419 00
Seymour.....	Shiocton Telephone Company.....	1	1,361 00	180 00	120 00	12 00	1,673 00
Sharon.....	Sharon Telephone Company.....	1	3,455 20	68 00			3,523 20
Shiocton.....	Shiocton Telephone Company.....	1	1,465 00	48 00	420 00	36 00	1,969 00
Sparta.....	Monroe County Telephone Company.....	1	9,905 29	171 56	2,240 74	55 15	⁴ 12,168 18
Sun Prairie.....	Interurban Telephone Company.....	1	3,020 00		627 00	11 00	3,658 00
Tomahawk.....	Electric, Water and Telephone Company..	1	3,438 01	203 66	265 79		3,907 46
Turtle Lake.....	City Telephone Company.....	1	515 40		68 98		584 38
Viroqua.....	The Viroqua Telephone Company.....	1	4,580 09	567 73	287 08		5,434 90
Washburn.....	Bayfield County Telephone Company.....	1	3,898 67	274 09			4,172 76
Waterloo.....	Interurban Telephone Company.....	1	2,545 00		343 00	10 00	2,898 00
Waunakee.....	Waunakee Telephone Company.....	1	1,106 00		23 77		1,129 77
Wausaukee.....	Wausaukee Telephone Company.....	1	1,029 50				1,029 50
Westby.....	Westby Telephone Company.....	1	3,835 30	117 42	209 35		4,162 07
Wittenberg.....	Wittenberg Telephone Company.....	1	501 92	123 82	130 00	21 80	777 54
Wrightstown.....	Fox River Valley Telep. and Telegraph Co	1	534 80		284 60		⁵ \$810 55
Total.....			\$267,202 58	\$10,378 04	\$52,906 84	\$2,566 58	⁶ \$325,627 65

¹ Report is for last three months of 1907.⁴ Refunds deducted, \$204. 56.² Refunds deducted, \$38.84.⁵ Refunds deducted, \$8.85.³ Refunds deducted, \$40.16.⁶ Total deductions, \$7,426 39.

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.

Detailed Income Account of Companies, (Excepting the Wisconsin Telephone Company) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES.								
		General Expense.					Operating Expense.			
		Salaries and wages.	Rent, light and heat.	Directory expense.	Miscellaneous general expense.	Total.	Salaries and wages.	Rent, light and heat.	Miscellaneous operating expense.	Total.
Abbotsford.....	Abbotsford Electric Light and Tel. Co.....			\$10 00	\$27 00	\$37 00	\$1,100 00	\$90 00		\$1,190 00
Albany.....	The United Telephone Company.....	\$87 79		38 23	21 94	147 96	379 72	30 40	\$10 43	420 55
Alma.....	The Fountain City Telephone Company.....						200 00			200 00
Almond.....	The Almond Telephone Company.....	501 81		1 10	390 47	893 38	634 55			634 55
Amery.....	The Amery Electric Company.....	860 00			212 60	1,072 60	1,175 00	106 05	138 14	1,419 19
Argyle.....	Argyle Telephone Company.....			20 00	4 00	24 00	500 00	204 00	11 60	715 00
Ashland.....	North Wisconsin Toll Line Company.....	430 00			582 50	1,062 50	560 37		730 97	1,291 34
Athens.....	Athens Telephone Company.....	40 00			12 75	52 75	235 25			235 25
Augusta.....	J. L. Ball Telephone Company.....			15 60	63 25	78 85	2,552 00	226 25		2,778 25
Baldwin.....	Baldwin Telephone Exchange.....	200 00				200 00	615 00			615 00
Belleville.....	Belleville Telephone Company.....	300 00		6 00	38 00	344 00	780 00	30 00		810 00
Berlin.....	Waushara Telephone Company.....	697 00	\$142 00		365 51	1,204 51	1,622 13	125 00	72 99	1,820 12
Biramwood.....	Biramwood Telephone Company.....						300 00	60 00	50 00	410 00
Blanchardville.....	The United Telephone Company.....	184 36		48 42	15 25	248 03	672 12	51 60	15 93	739 65
Bloomer.....	Bloomer Telephone Company.....	305 00	12 00	20 00	50 00	387 00	1,401 00	100 00		1,501 00
Boscobel.....	Boscobel Telephone Company.....	476 00	140 00		37 00	653 00	414 05			414 05
Bristol.....	Bristol Telephone Company.....	127 96			71 00	198 96	748 68			748 68
Broadhead.....	Broadhead Telephone Company.....	350 00	34 56	15 00	201 83	601 39	1,238 00	115 00	708 64	2,061 64
Brooklyn.....	Brooklyn Telephone Company.....	84 00		24 60	32 28	140 88	1,144 00	227 27	29 12	1,400 39
Bruce.....	Chippewa Valley Telephone Company.....	648 40			618 63	1,267 03	1,908 82	275 77		2,184 59
Burlington.....	Burlington, Brighton & Wheatland Tel. Co.....	200 00		11 03	58 63	269 66	530 64			530 64
Cambridge.....	Cambridge Telephone Company.....				14 00	14 00	482 00	83 35	31 31	596 66
Cedar Grove.....	Cedar Grove Telephone Company.....	74 00		15 00	55 94	144 94	225 00	56 00		281 00
Clinton.....	Clinton Telephone Company.....	45 00		15 00	197 70	257 70	1,731 25	115 39		1,846 64
Crandon.....	Crandon Telephone Company.....				15 00	15 00	1,070 00	50 00		1,120 00
Cumberland.....	Cumberland Telephone Company.....				43 25	43 25	1,224 00	60 00	60 00	1,344 00
DePere.....	Fox River Valley Telephone & Tel. Co.....				220 45	220 45	2,616 00	140 00		2,756 00

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.

Detailed Income Account of Companies, (Excepting the Wisconsin Telephone Company) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES.								
		General Expense.					Operating Expense.			
		Salaries and wages.	Rent, light and heat.	Direct-ory expense.	Miscel-laneous general expense.	Total.	Salaries and wages.	Rent, light and heat.	Miscel-laneous operating ex-pense.	Total.
Dorchester.....	Lapp & Sturner Telephone Company			\$5 00	\$21 00	\$26 00	\$210 00	\$36 00	\$10 50	\$256 50
Eagle	Eagle Telephone Company	\$1,170 00	\$60 00		826 97	2,056 97	3,055 83	476 40	1 43	3,533 66
Eleva	Shaw Telephone Company	400 00			10 00	410 00	145 00	35 00		180 00
Elkhorn	The State Long Distance Telephone Co.				7 20	7 20	925 00	200 00	100 00	1,225 00
Ellsworth.....	Pierce County Telephone Company.....	1,300 00		40 50	362 10	1,702 60	1,440 00	160 50	286 20	1,886 70
Florence	Michigan State Telephone Company	75 21	3 39		99 03	177 63	598 38	84 50	80 04	762 92
Fountain City....	Fountain City Telephone Company	500 00		23 75	157 25	681 00	860 00	136 00	60 00	1,056 00
Franksville.....	Frankville Telephone Company	151 51			64 17	215 68	461 85		25 43	487 28
Frederick	The Tri-State Telephone and Tel. Co.	6 00	78 00		23 03	107 03	375 50			375 50
Freistadt	Freistadt and Cedarburg Telephone Co.	25 00		22 50	61 80	109 30	75 00			75 00
Glenwood	West Wisconsin Telephone Company			10 00	360 39	370 39	815 00	115 00		930 00
Glidden	Glidden Telephone Company	1,152 65	132 15		11 50	1,296 30	1,320 14		332 72	1,652 86
Grafton	Grafton Telephone Company	158 60			24 00	182 60	240 00	7 75	61 89	309 64
Grantsburg.....	The Tri-State Telephone and Tel. Co.	6 00	115 59		70 31	191 90	721 42			721 42
Green Bay	Brown County Telephone Company	780 00			59 51	839 51				
Greenwood	Greenwood Telephone Company	245 32			292 00	537 32	260 72	121 68		382 40
Hillsboro	Hillsboro Telephone Company			18 00	12 00	30 00	840 00	150 00		990 00
Hixton	Central Wisconsin Telephone Company	1,012 78				1,012 78	2,387 22	120 00	1,430 18	3,937 40
Hudson	The Northwestern Telephone Exchange Co.	1,110 64	94 99	38 25	1,833 99	3,077 87	4,828 97	765 24	155 46	5,749 67
Iron River.....	Iron River Water, Light & Power Co.	300 00	108 00		123 25	531 25	880 00	156 00	50 00	1,086 00
Kilbourn	Farmers' Inter-County Mutual Tel. Co.	50 00			50 00	100 00	1,196 00	161 00	77 00	1,428 00
Knapp	Knapp Telephone Company						985 00			985 00
LaFarge	LaFarge Telephone Company			25 00	75 00	100 00	1,000 00	85 00	350 00	1,435 00
Lake Mills.....	Interurban Telephone Company	500 00		20 00	95 00	615 00	820 00	90 00		910 00
Loyal	Loyal Telephone Company	70 00		1 25	40 20	111 45	440 00	120 00		560 00
McFarland.....	People's Telephone Co. of Dane County.....			8 00	10 00	18 00	210 00	25 00	38 12	273 12
Mapleton	The Badger Telephone Co. of Oconomowoc ..	32 50			68 47	100 97	705 00			705 00

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Markesan.....	Markesan Telephone Company.....		10 00	150 00	160 00	600 00		10 00	610 00	
Mazomanie.....	Mazomanie Telephone Company.....	407 81	50 00	56 00	513 31	384 00			384 00	
Menomonee Falls.....	Menomonee Falls Telephone Company.....	225 00		49 20	324 90	640 50	90 00	102 26	832 76	
Milton.....	Milton and Milton Junction Telephone Co.....			11 00	61 00	2,400 00	220 00		2,620 00	
Milwaukee.....	Badger Telegraph and Telephone Co.....	2,638 50	122 00	686 37	3,446 87					
Mineral Point.....	Mineral Point Telephone Company.....	500 00		115 00	615 00	1,324 95	185 00	85 82	1,595 77	
Monroe.....	The Monroe Telephone Company.....					3,058 30	237 22	245 78	3,539 30	
Monroe.....	The United Telephone Company.....	54 10	18 98	27 45	100 53	247 63	5 40	3 52	256 57	
Monticello.....	The United Telephone Company.....	177 47	24 27	33 78	235 52	185 75	53 60	24 46	263 81	
Morrisonville.....	Columbia County Telephone Company.....	156 43		3 36	159 79	98 05			98 05	
Neillsville.....	Badger State Teleg. and Telephone Co.....	600 00	106 53	20 00	118 13	844 66	1,825 55	130 00	29 16	
New London.....	Fox River Valley Teleg. and Telephone Co.....				60 00	60 00	664 31	230 00		
Norwalk.....	Monroe County Telephone Company.....				41 29	41 29	169 65		1 15	
Oakfield.....	Oakfield Telephone Company.....	60 00			85 27	145 27	561 30	38 41	599 71	
Picketts.....	Utica Telephone Company.....	621 40	4 00		54 37	679 77	335 75		535 75	
Poynette.....	Poynette Telephone Company.....						1,971 00	161 50	2,132 50	
Prairie du Chien.....	Union Telephone Company.....				95 46	95 46	1,913 86	90 00	61 50	
Rio.....	People's Telephone Company of Wyoceua.....		30 00		85 36	115 36	4,089 65	233 28	153 40	
Ripon.....	Ripon Telephone Company.....				100 45	100 45	2,258 03	163 69	146 92	
River Falls.....	Pierce County Telephone Company.....		45 00		8 40		1,952 50	181 50	455 86	
Roberts.....	Pierce County Telephone Company.....		6 75	10 00	16 75	351 48	27 35	12 00	390 83	
Rochester.....	Burlington Rochester & Kansasville T. Co.....	258 00	13 12	69 63	340 75	795 17	52 76	15 18	863 11	
Rosendale.....	Rosendale Telephone Company.....				36 50	100 00	30 00	13 00	143 00	
Seymour.....	Shiocton Telephone Company.....		20 00	230 00	250 00	800 00	65 00	50 00	915 00	
Sharon.....	Sharon Telephone Company.....		10 00	15 00	25 00	1,380 00			1,380 00	
Shiocton.....	Shiocton Telephone Company.....		10 00	130 00	140 00	900 00	100 00	20 00	1,020 00	
Sparta.....	Monroe County Telephone Company.....	600 00		29 00	194 98	823 98	1,180 40	253 20	53 34	
Sun Prairie.....	Interurban Telephone Company.....	500 00		20 00	95 00	615 00	784 00	48 00	832 00	
Tomahawk.....	Electric Water and Telephone Company.....	240 00	50 00	15 75	247 67	553 42	900 00	144 00	27 80	
Turtle Lake.....	City Telephone Company.....				6 00	6 00	150 00		150 00	
Viroqua.....	The Viroqua Telephone Company.....		35 00	105 42	140 42	1,496 25	119 39	22 00	1,637 64	
Washburn.....	Bayfield County Telephone Company.....	186 66	16 16	98 34	301 16	2,030 62	120 00	227 19	2,377 81	
Waterloo.....	Interurban Telephone Company.....	500 00	20 00	95 00	615 00	640 00	90 00		730 00	
Waunakee.....	Waunakee Telephone Company.....	400 00		38 00	438 00	360 00			360 00	
Wausaukee.....	Wausaukee Telephone Company.....	25 00		38 75	63 75	528 00	5 75	30 00	563 75	
Westby.....	Westby Telephone Company.....	262 27	18 00	167 71	447 98	1,245 00	18 00		1,263 00	
Wittenberg.....	Wittenberg Telephone Company.....		4 50	12 23	16 73	525 00	42 00		567 00	
Wrightstown.....	Fox River Valley Teleg. and Telephone Co.....			19 00	19 00	540 00	90 00		630 00	
Total.....		\$23,120 17	\$1,249 21	\$923 46	\$11,497 27	\$36,790 11	\$91,236 33	\$8,416 20	\$6,708 84	\$106,361 37

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES—Continued.								
		Current repairs.					Instru- ment rentals.	Miscel- laneous expense of oper- ation.	Recon- struc- tion and deferred repairs.	Total operating expenses.
		Ex- change over- head lines.	Central office equip- ment.	Sub- scribers' equip- ment.	Miscel- laneous current repairs.	Total.				
Abbotsford.....	Abbotsford Electric Light and Tel. Co.....									\$1,227 00
Albany.....	The United Telephone Company.....	\$11 44	\$18 64	\$27 85	\$18 02	\$75 95	\$72 00		\$77 20	793 66
Alma.....	The Fountain City Telephone Company.....		20 14		18 70	38 84				238 84
Almond.....	The Almond Telephone Company.....						212 51	\$6 95	1,050 68	2,798 07
Amery.....	The Amery Electric Company.....	229 00	90 21		208 78	527 99		20 62	333 45	3,373 85
Argyle.....	Argyle Telephone Company.....						41 00	62 04		842 04
Ashland.....	North Wisconsin Toll Line Company.....				354 29	354 29	45 00			2,753 13
Athens.....	Athens Telephone Company.....	75 00				75 00				363 00
Augusta.....	J. L. Ball Telephone Company.....	267 86	45 00	25 00		337 86				3,194 96
Baldwin.....	Baldwin Telephone Exchange.....				399 59	399 59				1,214 59
Belleville.....	Belleville Telephone Company.....	500 00	50 00	150 00	30 00	730 00				1,884 00
Berlin.....	Waushara Telephone Company.....	762 19	285 92	260 00	961 22	2,269 33	83 97		1,549 84	6,927 77
Biramwood.....	Biramwood Telephone Company.....						43 20		35 00	488 20
Blanchardville.....	The United Telephone Company.....	20 63	34 00	26 61	24 11	105 35	54 00		184 36	1,331 39
Bloomer.....	Bloomer Telephone Company.....	737 25				737 25				2,625 25
Boscobel.....	Boscobel Telephone Company.....				650 00	650 00	100 00		177 67	1,994 72
Bristol.....	Bristol Telephone Company.....	130 60				130 60			350 00	1,428 24
Broadhead.....	Broadhead Telephone Company.....	615 00	94 19	320 03	95 75	1,124 97		17 60	1,026 00	4,831 60
Brooklyn.....	Brooklyn Telephone Company.....							11 91		1,553 18
Bruce.....	Chippewa Valley Telephone Company.....				1,835 51	1,835 51	170 40	166 35	837 60	6,461 48
Burlington.....	Burlington, Brighton & Wheatland Tel. Co.....	165 03	20 78	80 27		266 08	144 86			1,211 24
Cambridge.....	Cambridge Telephone Company.....	70 50				70 50				681 16
Cedar Grove.....	Cedar Grove Telephone Company.....	14 00	12 00	10 00		36 00	31 87	20 05		513 86
Clinton.....	Clinton Telephone Company.....				559 07	559 07				2,663 41
Crandon.....	Crandon Telephone Company.....	676 07	645 00	204 00	42 50	1,567 57	26 69	\$28 42		2,757 68

Cumberland.....	Cumberland Telephone Company.....						100 00			1,487 25
DePere.....	Fox River Valley Telephone and Tel. Co.....				845 00	845 00		440 08		4,261 53
Dorchester.....	Lapp & Sturner Telephone Co.....		20 00		23 00	43 00	30 00	111 75		467 25
Eagle.....	Eagle Telephone Company.....				2,139 50	2,139 50	619 97	18 50	9,521 83	17,890 43
Eleva.....	Shaw Telephone Company.....	50 00	25 00	10 00	40 00	125 00	250 00			965 00
Elkhorn.....	The State Long Distance Telephone Co.....	100 00	12 00			112 00			1,162 67	2,506 87
Ellsworth.....	Pierce County Telephone Company.....				559 23	559 23		14 35		4,162 88
Florence.....	Michigan State Telephone Company.....				586 68	586 68	132 26	29 70	373 32	2,062 51
Fountain City.....	Fountain City Telephone Company.....	225 00	40 20	163 00	700 00	1,128 20			200 00	3,065 20
Franksville.....	Franksville Telephone Company.....				414 66	414 66	374 14			1,491 76
Frederick.....	The Tri-State Telephone and Tel. Co.....				192 15	192 15				674 68
Freistadt.....	Freistadt and Cedarburg Telephone Co.....									184 30
Glenwood.....	West Wisconsin Telephone Company.....				25 00	25 00	56 00	12 00	45 00	1,438 39
Glidden.....	Glidden Telephone Company.....				132 71	132 71			406 41	3,488 28
Grafton.....	Grafton Telephone Company.....						91 72	19 58	365 48	939 02
Grantsburg.....	The Tri-State Telephone and Tel. Co.....				268 33	268 33				1,181 65
Green Bay.....	Brown County Telephone Company.....		50 78	9 10	10 00	69 88	383 97			1,293 36
Greenwood.....	Greenwood Telephone Company.....				80 13	80 13		187 24		1,187 09
Hillsboro.....	Hillsboro Telephone Company.....	55 33			190 00	245 33	37 50		1,430 00	2,732 83
Hixton.....	Central Wisconsin Telephone Company.....				2,749 73	2,749 73	126 00			7,825 91
Hudson.....	The Northwestern Telephone Exchange Co.....				3,354 21	3,354 21	793 02	1,346 80	5,329 99	19,651 56
Iron River.....	Iron River Water, Light & Power Co.....				50 00	50 00			375 00	2,042 25
Kilbourn.....	Farmers Inter-County Mutual Tel. Co.....						37 00		743 70	2,368 70
Knapp.....	Knapp Telephone Company.....						120 00	12 99		1,117 99
La Farge.....	La Farge Telephone Company.....								400 00	1,935 00
Lake Mills.....	Interurban Telephone Company.....	75 00	25 00	35 00	25 00	160 00		7 00		1,717 00
Loyal.....	Loyal Telephone Company.....	25 00			5 00	30 00			25 00	1,701 45
McFarland.....	Peoples Telephone Co. of Dane County.....	82 00	21 00	20 48		123 48	22 00		642 31	1,078 91
Mapleton.....	The Badger Telephone Co. of Oconomowoc.....	32 60			42 13	74 73			47 20	927 90
Markesan.....	Markesan Telephone Co.....	50 00	50 00	25 00		125 00	108 00		25 00	1,028 00
Mazomanie.....	Mazomanie Telephone Company.....		500 00	150 00		650 00	35 00		350 00	1,932 81
Menomonee Falls.....	Menomonee Falls Telephone Company.....				339 03	339 03	256 86	12 25		1,765 80
Milton.....	Milton and Milton Junction Telephone Co.....	356 91	100 00		100 00	556 91				3,297 91
Milwaukee.....	Badger Telegraph and Telephone Co.....				1,918 23	1,918 23		433 50	111 08	5,909 68
Mineral Point.....	Mineral Point Telephone Company.....				851 44	851 44	179 91			3,242 12
Monroe.....	The Monroe Telephone Company.....	2,813 61				2,813 61				6,352 91
Monroe.....	The United Telephone Company.....	5 69		5 13	36 44	47 26	20 59		17 13	442 08
Monticello.....	The United Telephone Company.....	39 56	7 87	14 62	23 55	85 60	36 00		173 50	734 43
Morrisonville.....	Columbia County Telephone Company.....	3 40	7 98	4 00		15 38				273 22
Neillsville.....	Badger State Telegraph and Telephone Co.....				1,114 57	1,114 57	123 00			4,066 94

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES—Continued.							Total operating expenses.	
		Current Repairs.					Instrumental rentals.	Miscellaneous expense of operation.		Reconstruction and deferred repairs.
		Exchange overhead lines.	Central office equipment.	Subscribers' equipment.	Miscellaneous current repairs.	Total.				
New London.....	Fox River Valley Teleg. and Telegraph Co.				\$625 00	\$625 00		\$900 00	\$2,479 31	
Norwalk.....	Monroe County Telephone Company.....	\$56 96	\$5 00	\$10 00		71 96		217 22	520 07	
Oakfield.....	Oakfield Telephone Company.....				650 29	650 29	\$37 11	400 00	1,892 38	
Picketts.....	Utica Telephone Company.....	248 68				248 68	190 62		1,454 82	
Poynette.....	Poynette Telephone Company.....		25 00	100 00	500 00	625 00			2,757 50	
Prairie du Chien..	Union Telephone Company.....				1,146 94	1,146 94			3,307 76	
Rio.....	Peoples' Telephone Company of Wycocena..	200 56	302 77	524 67		1,028 00	135 00	184 16	5,941 85	
Ripon.....	Ripon Telephone Company.....	149 41	25 00	102 41		276 82		250 00	3,195 91	
River Falls.....	Pierce County Telephone Company.....				1,118 44	1,118 44		12 35	4,050 05	
Roberts.....	Pierce County Telephone Company.....							3 15	410 73	
Rochester.....	Burlington, Rochester & Kansasville T. Co.	320 78	43 43	98 55		462 76	463 07	54 51	2,184 20	
Rosendale.....	Rosendale Telephone Company.....	5 00	10 00	10 00		25 00	13 13	3 00	220 63	
Seymour.....	Shiocton Telephone Company.....	50 00	50 00	50 00	125 00	275 00	375 00	52 00	1,867 00	
Sharon.....	Sharon Telephone Company.....	150 00	25 00		20 01	195 01		100 00	1,700 01	
Shiocton.....	Shiocton Telephone Company.....	125 00			40 00	165 00	376 00	36 00	1,737 00	
Sparta.....	Monroe County Telephone.....	756 96	200 00	50 00	825 09	1,832 05	140 19	189 33	5,580 71	
Sun Prairie.....	Interurban Telephone Company.....	250 00	50 00	25 00	50 00	375 00		11 00	1,883 00	
Tomahawk.....	Electric, Water and Telephone Company..		478 00	55 60	175 30	708 90	125 00	130 50	2,895 82	
Turtle Lake.....	City Telephone Company.....	3 00	10 00	40 00	10 00	63 00	55 48	20 00	294 48	
Viroqua.....	The Viroqua Telephone Company.....	51 96	60 50	14 40	54 57	181 43	273 47	3,810 95	6,043 91	
Washburn.....	Bayfield County Telephone Company.....	75 00	52 50	185 69	19 55	332 74		53	3,012 24	
Waterloo.....	Interurban Telephone Company.....	50 00	25 00	35 00	50 00	160 00		7 00	1,562 00	
Waunakee.....	Waunakee Telephone Company.....	30 00	7 00	27 00		64 00			862 00	
Wausaukee.....	Wausaukee Telephone Company.....				70 68	70 68	37 20		735 38	
Westby.....	Westby Telephone Company.....	152 10	40 24			192 34			1,903 32	
Wittenberg.....	Wittenberg Telephone Company.....	25 00		45 87	4 00	74 87	54 61	30 80	744 01	
Wrightstown.....	Fox River Valley Teleg. and Telephone Co.				82 00	82 00		84 43	815 43	
Total.....		\$10,889 08	\$3,565 15	\$2,934 28	\$27,580 13	\$44,968 64	\$7,294 32	\$3,272 73	\$35,379 52	\$234,066 69

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Net operating revenues or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Interest.	Taxes.	Total.	
Abbotsford.....	Abbotsford Electric Light and Tel. Co.....	\$1,222 30		\$1,222 30		\$61 23	\$61 23	\$1,161 07
Albany.....	The United Telephone Company.....	1,206 30		1,206 30		49 50	49 50	1,156 80
Alma.....	The Fountain City Telephone Company.....	130 02		130 02		4 44	4 44	134 46
Almond.....	The Almond Telephone Company.....	316 40		316 40	\$60 00	68 44	128 44	187 96
Amery.....	The Amery Electric Company.....	790 57	\$117 00	907 57	220 00	207 57	427 57	480 00
Argyle.....	Argyle Telephone Company.....	256 96		256 96		27 47	27 47	229 49
Ashland.....	North Wisconsin Toll Line Company.....	1,451 72		1,451 72		134 97	134 97	1,316 75
Athens.....	Athens Telephone Company.....	593 56		593 56	22 46	23 90	46 36	547 20
Augusta.....	J. L. Ball Telephone Company.....	551 46		551 46	450 00	89 79	539 79	11 67
Baldwin.....	Baldwin Telephone Exchange.....	1,635 41		1,635 41				1,635 41
Belleville.....	Belleville Telephone Company.....	426 00		426 00	50 00	8 00	58 00	368 00
Berlin.....	Waushara Telephone Company.....	1,198 01		1,198 01	122 28	210 64	332 92	865 09
Birnamwood.....	Birnamwood Telephone Company.....	691 80		691 80				691 80
Blanchardville.....	The United Telephone Company.....	614 08		614 08		42 90	42 90	571 18
Bloomer.....	Bloomer Telephone Company.....	3,274 42		3,274 42	109 65	118 83	228 48	3,045 94
Boscobel.....	Boscobel Telephone Company.....				49 00		49 00	149 00
Bristol.....	Bristol Telephone Company.....	35 43		35 43	40 00	37 59	77 59	142 16
Brodhead.....	Brodhead Telephone Company.....	2,596 19		2,596 19		156 84	156 84	2,439 35
Brooklyn.....	Brooklyn Telephone Company.....	1,252 52		1,252 52	39 00	9 02	48 02	1,204 50
Bruce.....	Chippewa Valley Telephone Company.....	1,850 21		1,850 21		169 89	169 89	1,680 32
Burlington.....	Burlington, Brighton & Wheatland Tel. Co.....	1,818 97		1,818 97		50 52	50 52	1,768 45
Cambridge.....	Cambridge Telephone Company.....	40 79		40 79		15 00	15 00	25 79
Cedar Grove.....	Cedar Grove Telephone Company.....	298 95		298 95		21 11	21 11	277 84
Clinton.....	Clinton Telephone Company.....	3,681 80		3,681 80	734 54	149 84	884 38	2,797 42
Crandon.....	Crandon Telephone Company.....	513 63		513 63	31 35	31 86	63 21	576 84
Cumberland.....	Cumberland Telephone Company.....	1,174 81		1,174 81	115 50	62 00	177 50	997 31
DePere.....	Fox River Valley Telephone and Tel. Co.....	1,664 06		1,664 06	1,193 41	77 30	1,270 71	1,934 77
Dorchester.....	Lapp & Sturner Telephone Co.....	190 66		190 66		11 08	11 08	1,101 74
Eagle.....	Eagle Telephone Company.....	12,351 65	1,400 00	1,951 65	125 00	263 01	388 01	1,339 66
Eleva.....	Shaw Telephone Company.....	260 00		260 00	100 00	30 00	130 00	130 00

¹ Deficit.

TABLE III.—TELEPHONE COMPANIES, 1907—Concluded.

Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Interest.	Taxes.	Total	
Elkhorn.....	The State Long Distance Telephone Co.....	\$1,769 58		\$1,769 58	\$325 00	\$106 86	\$431 86	\$1,337 72
Ellsworth.....	Pierce County Telephone Company.....	1,223 47		1,223 47	123 56	116 85	240 41	983 06
Florence.....	Michigan State Telephone Company.....	213 08		213 08		56 47	56 47	157 21
Fountain City.....	Fountain City Telephone Company.....	133 62		133 62		76 57	76 57	110 19
Franksville.....	Franksville Telephone Company.....	124 77		124 77	5 00	32 85	37 85	86 92
Frederick.....	The Tri-State Telephone and Tel. Co.....	128 05		128 05				128 05
Freistadt.....	Freistadt and Cedarburg Telephone Co.....	195 96		195 96		9 50	9 50	186 46
Glenwood.....	West Wisconsin Telephone Company.....	588 89		588 89		31 38	31 38	557 51
Glidden.....	Glidden Telephone Company.....	527 30		527 30		93 65	93 65	433 65
Grafton.....	Grafton Telephone Company.....	494 95	\$74 26	569 21		25 72	25 72	543 49
Grantsburg.....	The Tri-State Telephone and Tel. Co.....	1,182 47		1,182 47				1,182 47
Green Bay.....	Brown County Telephone Company.....	1,369 93		1,369 93		36 26	36 26	1,333 67
Greenwood.....	Greenwood Telephone Company.....	1,167 17		1,167 17	17 21	25 50	42 71	1,209 88
Hillsboro.....	Hillsboro Telephone Company.....	480 32		480 32	400 00	80 32	480 32	
Hixton.....	Central Wisconsin Telephone Company.....	9,669 58		9,669 58	1,111 75	344 04	1,455 79	8,213 79
Hudson.....	The Northwestern Telephone Exchange Co.....	11,374 89		11,374 89	3,189 90	786 60	3,976 50	15,351 29
Iron River.....	Iron River Water, Light & Power Company..	341 75		341 75	245 00	51 00	296 00	45 75
Kilbourn.....	Farmers Inter-County Mutual Tel. Co.....	510 53		510 53	142 00	68 53	210 53	300 00
Knapp.....	Knapp Telephone Company.....	2,450 19		2,450 19		79 79	79 79	2,370 40
La Farge.....	La Farge Telephone Company.....	115 17		115 17				115 17
Lake Mills.....	Interurban Telephone Company.....	1,485 00		1,485 00	366 00	75 00	435 00	1,050 00
Loyal.....	Loyal Telephone Company.....	243 19		243 19	48 00	23 61	71 61	171 58
McFarland.....	Peoples' Telephone Company of Dane County	1,467 15		1,467 15	15 00	30 00	45 00	1,512 15
Mapleton.....	The Badger Telephone Co. of Oconomowoc...	193 89		193 89				193 89
Markesan.....	Markesan Telephone Company.....	1,408 00		1,408 00	240 00	32 50	292 50	1,115 50
Mazomanie.....	Mazomanie Telephone Company.....	474 67	83 24	557 91		96 76	96 76	461 15
Menomonee Falls	Menomonee Falls Telephone Company.....	378 21		378 21		27 65	27 65	350 56
Milton.....	Milton and Milton Junction Telephone Co....	4,224 16		4,224 16	72 00	186 50	258 50	3,965 66
Milwaukee.....	Badger Telegraph and Telephone Company..	2,888 15	24 00	2,912 15	1,175 00	292 58	1,467 58	1,444 57
Mineral Point....	Mineral Point Telephone Company.....	2,448 22		2,448 22		113 74	113 74	2,334 48

1Deficit.

Monroe.....	The Monroe Telephone Company.....	3,466 20		3,466 20	60 55	245 48	306 03	3,160 17
Monroe.....	The United Telephone Company.....	1,156 31		1,156 31		42 90	42 90	1,113 41
Monticello.....	The United Telephone Company.....	175 42		175 42		23 10	23 10	152 32
Morrisonville.....	Columbia County Telephone Company.....	409 00		409 00		20 41	20 41	388 59
Neillsville.....	Badger State Telegraph and Telephone Co.....	3,311 26	18 00	3,329 26		190 46	190 46	3,138 80
New London.....	Fox River Valley Telep. and Telegraph Co.....	1,861 36		1,861 36	918 71		918 71	12,780 07
Norwalk.....	Monroe County Telephone Company.....	381 31		381 31		28 02	28 02	353 29
Oakfield.....	Oakfield Telephone Company.....	1,115 46		1,115 46	100 00	62 77	162 77	952 69
Picketts.....	Utica Telephone Company.....	304 43		304 43	30 75	40 71	71 46	232 97
Poynette.....	Poynette Telephone Company.....	152 50		152 50	82 24	71 26	153 50	1 00
Prairie du Chien.....	Union Telephone Company.....	154 07		154 07				154 07
Rio.....	People's Telephone Company of Wyocena.....	3,489 04		3,489 04	258 67	229 56	488 23	3,000 81
Ripon.....	Ripon Telephone Company.....	1,416 19		1,416 19		90 75	90 75	1,325 44
River Falls.....	Pierce County Telephone Company.....	2,344 21		2,344 21		140 14	140 14	2,204 07
Roberts.....	Pierce County Telephone Company.....	544 59		544 59		19 84	19 84	524 75
Rochester.....	Burlington, Rochester & Kansasville Tel. Co.....	2,022 17	72 90	2,095 07	108 00	89 90	197 90	1,897 17
Rosendale.....	Rosendale Telephone Company.....	198 37		198 37				198 37
Seymour.....	Shiocton Telephone Company.....	1194 00		1194 00		8 00	8 00	1202 00
Sharon.....	Sharon Telephone Company.....	1,823 19		1,823 19				1,823 19
Shiocton.....	Shiocton Telephone Company.....	232 00		232 00	168 00	24 00	192 00	40 00
Sparta.....	Monroe County Telephone Company.....	6,587 47		6,587 47	322 63	271 80	594 43	5,993 04
Sun Prairie.....	Interurban Telephone Company.....	1,775 00		1,775 00	360 00	75 00	435 00	1,340 00
Tomahawk.....	Electric, Water and Telephone Company.....	1,011 64		1,011 64	218 76	25 68	244 44	767 20
Turtle Lake.....	City Telephone Company.....	289 90		289 90		14 61	14 61	275 29
Viroqua.....	The Viroqua Telephone Company.....	1,609 01		1,609 01		134 99	134 99	1,744 00
Washburn.....	Bayfield County Telephone Company.....	1,160 52		1,160 52		106 49	106 49	1,054 03
Waterloo.....	Interurban Telephone Company.....	1,336 00		1,336 00	360 00	75 00	435 00	901 00
Waunakee.....	Waunakee Telephone Company.....	267 77		267 77		28 23	28 23	239 54
Wausaukee.....	Wausaukee Telephone Company.....	294 12		294 12				294 12
Westby.....	Westby Telephone Company.....	2,258 75		2,258 75	60 00	79 50	139 50	2,119 25
Wittenberg.....	Wittenberg Telephone Company.....	33 53	140 00	173 53	28 00	31 12	59 12	114 41
Wrightstown.....	Fox River Valley Telep. and Telegraph Co.....	14 88		14 88	189 23	18 28	207 51	1212 39
Total.....		\$91,560 96	\$1,929 40	\$93,490 36	\$14,197 15	\$7,240 97	\$21,438 12	\$72,052 24

¹Deficit.

TABLE IV.—TELEPHONE COMPANIES, 1907.[†]
Condensed Income Account of Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	Number of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenue or deficit.	FIXED CHARGES.			Surplus or deficit.
						Interest.	Taxes.	Total.	
Abrams.....	Faulds, Robert, Co.....		\$50 46	\$20 35	\$30 11				\$30 11
Algoma ¹	Lake Shore Tel., Traction & Elec. Power Co.....		509 24	434 20	75 04				75 04
Allenton.....	Allenton-Addison Tel. Co.....		33 00	21 50	11 50		\$0 83	\$0 83	10 67
Allenton.....	Allenton-Kohlsville Tel. Co.....	1	357 40	204 98	152 42				152 42
Alma.....	Tenney Telephone Co.....	1	322 17	469 00	*146 83				*146 83
Almond.....	Union Tel. Co.....	2	3,992 06	3,064 07	927 99		99 19	99 19	828 80
Amberg.....	Amberg Telephone Co.....	1	440 00	376 00	64 00	\$48 00	14 50	62 50	1 50
Amherst.....	Amherst Telephone Co.....	2	2,237 05	1,563 01	674 04	33 84	41 42	75 26	598 78
Arcadia.....	Newcomb Valley Tel. Co.....	1	356 67	366 81	*10 14				*10 14
Arcadia.....	Tamarack Tel. Co.....	1	375 86	751 78	*375 92	7 50	9 18	16 68	*392 60
Arcadia.....	Western Wisconsin Tel. Co.....	9	20,749 39	8,274 08	12,475 31	490 35	517 56	1,007 91	11,467 40
Arena.....	Arena and Ridgeway Tel. Co.....		100 00	80 00	20 00		67	67	19 33
Arkansaw.....	Arkansaw Telephone Co.....	1	420 00	300 00	120 00	81 91	97	82 88	37 12
Attica.....	Attica Mutual Tel. Co.....		413 00	236 58	*194 32	32 31	10 02	42 33	151 99
Avoca.....	Avoca and Muscoda Farmers Tel. Co.....		120 33	43 32	77 01				77 01
Baldwin.....	Rush River & Eau Galle Tel. Co.....		217 00	253 00	*36 00				*36 00
Bangor.....	Bangor Telephone Co.....	1	4,582 77	3,239 00	1,343 77	120 00	88 00	208 00	1,135 77
Baraboo.....	Baraboo Farmers Tel. Co.....		120 00	65 00	55 00				55 00
Beloit.....	Beloit Farm Tel. Co.....		2,393 85	1,493 60	900 25		18 44	18 44	881 81
Big Flats.....	Big Flats-Colburn Farm Tel. Co.....		6 54	4 96	*4 42				4 42
Black Earth.....	Black Earth Tel. Co.....	1	1,220 00	1,220 00					
Blair.....	Preston Farmers Tel. Co.....	1	553 10	537 00	16 10				16 10
Boaz.....	Richwood and Akan Tel. Co.....		163 94	98 05	75 89				75 89
Boyd.....	Cadott Tel. Co.....	1	617 45	718 00	*98 55				*98 55
Briggsville.....	Briggsville & Big Springs Tel. Co.....		191 48	240 90	*49 42	7 12	1 59	8 71	*58 13
Browntown.....	Browntown Telephone Co.....	1	360 50	685 00	*324 50				*324 50
Burkhardt.....	Hudson Prairie Tel. Co.....	1	437 80	239 00	198 80	18 00	9 93	27 93	170 87
Cadott.....	Cadott Telephone Co.....	1	1,527 20	927 00	600 20		65 59	65 59	534 61
Cambria.....	Cambria Co-operative Tel. Co.....	1	147 00	122 00	25 00				25 00
Campbellsport.....	East Valley Tel. Co.....	1	750 00	600 00	150 00				150 00

[†] This table includes companies whose income accounts were not sufficiently detailed to be included in preceding tables.

* Deficit.

² Includes income from sources other than operating, \$17.90.

¹ Refund deducted, \$20.00.

³ Includes income from sources other than operating, \$2.84.

Campbellsport.....	Theresa Union Tel. Co.....	1	580 94	300 00	280 94				280 94
Caroline.....	Farmers Independent Tel. Ass'n.....	1	281 00	251 50	*81 32		7 03	7 03	74 29
Casco.....	Casco and Brussels Tel. Co.....	1	643 55	351 00	312 55		9 93	9 93	302 62
Cashton.....	Cashton Telephone Co.....	1	1,600 00	750 00	850 00				850 00
Cazenovia.....	Westford Telephone Co.....	1	209 93	196 93	13 00				13 00
Chetek.....	Chetek Rural Tel. Co.....	1	1,410 00	1,308 50	101 50				101 50
Clarno.....	West Clarno Tel. Co.....		24 00	15 14	8 86				8 86
Clintonville.....	Marion & Northern Tel. Co.....	1	2,415 08	420 00	1,995 08				1,995 08
Clintonville.....	Matteson Telephone Co.....	1	280 25	700 63	*420 38				*420 38
Cobb.....	Iowa County Tel. Co.....	1	724 40	1,051 69	*307 29		62	62	*307 91
Cochrane.....	Farmers Telephone Co.....	1	250 20	232 20	18 00				18 00
Colby.....	Colby Telephone Co.....	1	1,374 60	1,326 00	48 60		22 51	22 51	26 09
Coloma.....	Westfield Farmers Tel. Co.....	1	198 30	19 70	178 60		94	94	177 66
Cuba City.....	Farmers Badger Tel. Co.....	1	50 29	12 00	38 29				38 29
Dallas.....	Dallas Tel. Exchange.....	1	37 00	25 00	12 00				12 00
Delton.....	Reynolds & Lambert.....	1	1,558 65	293 00	265 65		9 30	9 30	256 35
Deerfield.....	Deerfield Telephone Co.....	1	1,276 41	621 98	654 43				654 43
Des Moines, Ia.....	Iowa Telephone Co.....		139 75		139 75		3 49	3 49	136 26
Dodgeville.....	The New Union Tel. Co.....		5,010 29	4,710 90	299 39	154 00	145 39	299 39	472 00
Dodgeville.....	Spring Green & Wyoming Tel. Co.....		838 00	366 00	472 00				472 00
Downsville.....	Downsville Telephone Co.....	1	1,130 38	1,119 19	11 19				11 19
Durand.....	Durand Light & Power Co.....	1	3,208 62	2,280 12	928 50		126 00	126 00	802 50
Durand.....	Inter-County Tel. Co.....		400 00	282 00	118 00	58 00		58 00	60 00
Earl.....	Earl Telephone Co.....	1	42 70	13 50	29 20				29 20
East Clarno.....	East Clarno Tel. Co.....		4 90	40 00	*35 10				*35 10
Eastman.....	Western Crawford Co. Farmers Mut. Tel.Co.....		44 80	274 61	*229 81		57	57	*230 38
Easton.....	Kilbourn & Friendship Tel. Co.....		169 00	155 50	13 50		2 85	13 50	
Eau Claire.....	Eau Claire Co. Tel. Co.....	1	1,440 00	41,480 00	*40 00	10 65			*40 00
Eau Galle.....	Eau Galle Telephone Co.....	1	757 00	756 00	1 00		12 99	61 99	*60 99
Edgerton.....	Edgerton Telephone Co.....	1	27,369 79	3,177 48	4,192 31	337 50	130 89	468 39	3,723 92
Elk Mound.....	Elk Mound Telephone Co.....	1	*1,177 32	1,017 06	160 26				160 26
Elmwood.....	Highland Telephone Co.....	1	552 20	615 16	*62 96		34 46	34 46	*97 42
Elroy.....	Elroy Telephone Co.....	1	4,619 96	2,029 15	2,590 81	180 00	115 77	295 77	2,295 54
Etrick.....	Etrick Telephone Co.....	2	513 10	667 50	*154 40	19 06	25	19 31	*173 71
Evansville.....	Evansville Tel. Exchange.....	1	6,589 90	3,846 36	2,743 54	336 67	149 59	486 26	2,257 28
Fairchild.....	Foster, N. C., Lumber Co.....	1	94 00	50 00	44 00				44 00
Fairwater.....	Alto Telephone Co.....	1	24 00	24 00					
Fennimore.....	Fennimore Telephone Co.....	1	506 74	491 68	15 06				15 06
Five Points.....	Five Points Tel. Co.....	1	148 40	158 87	*10 47				*10 47
Footville.....	Footville Telephone Co.....	1	2,655 25	760 00	1,895 25		68 00	68 00	1,827 25

* Deficit.

³ Refunds deducted, \$12.93.

¹ Refunds deducted, \$9.00.

⁴ Includes taxes.

² Refunds deducted, \$48.00.

⁵ Includes income from sources other than operating, \$51.82.

TABLE IV.—TELEPHONE COMPANIES, 1907.—Continued.
Condensed Income Account of Telephone Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	Number of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenue or deficit.	FIXED CHARGES.			Surplus or deficit.
						Interest.	Taxes.	Total.	
Forestville.....	Algoma Farmers Tel. Co.....		\$156 30	\$114 00	\$42 30				\$42 30
Fort Atkinson.....	Jefferson County Tel. Co.....	1	17,794 48	4,713 95	3,080 53	\$260 00	\$159 09	\$419 09	2,661 44
Fremont.....	Fremont Telephone Co.....	1	145 85	158 31	*12 46				*12 46
Friendship.....	Kilbourn & Friendship Tel. Co.....	1	374 65	538 00	36 65	25 00	8 60	33 60	3 05
Gilmanton.....	Gilmanton & Dover Farmers Tel. Co.....	1	1,256 00	1,255 96	04				04
Glenbeulah.....	Hulls Crossing Farmers Tel. Co.....		36 00	10 44	25 56		0 55	0 55	25 01
Goodrich.....	Goodrich Telephone Co.....	1	292 75	57 25	235 50				235 50
Grand Rapids.....	Cranmoor Telephone Co.....		269 50	119 41	150 09	91 00	6 63	97 63	52 46
Gratiot.....	LaFayette Telephone Co.....	2	778 10	666 14	111 96	19 45		19 45	92 51
Harrisville.....	Westfield Farmers Tel. Co.....	1	75 00	20 65	54 55		25	25	54 10
Hilbert.....	Stockbridge & Sherwood Tel. Co.....	1	45 45	45 45					
Hixton.....	Farmers Hixton & Northfield Tel. Co.....		40 10	40 10					
Hixton.....	Farmers Telephone Line 8.....		12 50		12 50		30	30	12 20
Hollandale.....	Perry Hollandale Tel. Co.....		115 66	103 31	12 35				12 35
Hubertus.....	Richfield, Hubertus & Holy Hill Tel. Co.....	1	1,079 57	463 50	616 07		26 86	26 86	589 21
Huron.....	Yellow River Tel. Co.....		78 20	42 85	35 35				35 35
Jackson.....	Jackson Telephone Co.....	1	1,563 15	1,113 22	2,460 73				460 73
Jefferson.....	Jefferson Mutual Tel. Co.....	1	665 03	227 50	437 44				437 44
Juda.....	Jefferson Telephone Co.....	1	1,492 00	927 00	565 00	18 00	37 00	55 00	510 00
Kewaskum.....	Theresa Union Tel. Co.....	1	293 49	117 55	175 94				175 94
Kilbourn.....	Farmers Union Tel. Co. No. 1.....		12 50	10 50	2 00				2 00
Kilbourn.....	Portage & Kilbourn Tel. Co.....		75 00	6 88	68 12	50 00	1 89	51 89	16 23
La Crosse.....	Interstate Telephone Co.....		126 30	15 00	34,061 30		3 77	3 77	4,057 53
La Crosse.....	LaCrosse Interurban Tel. Co.....	4	10,393 44	6,264 42	4,129 02	1,744 46		1,744 46	2,384 56
Lena.....	The Farmers & Merchants Tel. Co.....	1	947 30	661 30	286 00	100 00		100 00	186 00
Lime Ridge.....	Peoples Telephone Co.....	5	2,154 18	2,087 37	66 81	27 00	81 16	108 16	*41 35
Lindsey.....	Lindsey Telephone Co.....		379 23	339 79	39 44				39 44
Livingston.....	Grant County Tel. Co.....	1	240 00	231 00	9 00				9 00
Lodi.....	Lodi Telephone Co.....	1	3,424 20	628 00	2,796 20	48 00	85 60	133 60	2,662 60
Logansville.....	Loretto & Logansville Tel. Co.....		11 00	2 00	9 00		41	41	8 59

*Deficit. ¹Refunds deducted, \$178.21. ²Includes income from sources other than operation, \$10.80.
³Includes income from sources other than operation, \$3,950.

Lomira.....	Theresa Union Tel. Co.....	1	364 66	95 00	269 66				269 66
Lone Rock.....	Lone Rock Tel. Co.....	2	1,130 00	943 00	187 00	169 75		169 75	17 25
Loyal.....	Beaver Telephone Co.....	1	131 51	221 03	*486 52			77	*87 29
Loyal.....	The York Center Tel. Co.....	1	408 17	97 56	310 61	23 10	10 20	33 30	277 31
Ludington.....	Ludington Telephone Co.....	2	1,195 09	2,440 24	*1,245 15				*1,245 15
Luxemburg.....	Luxemburg Telephone Co.....	1	669 11	400 85	268 26				268 26
Madison.....	Dane County Rural Tel. Co.....		1,873 55	115 55	1,758 00				1,758 00
Manawa.....	Manawa Telephone Co.....	1	201 45	116 04	85 41	15 00	4 00	19 00	96 41
Manitowoc.....	English Lake Tel. Co.....	1	16 24	32 18	*15 94				*15 94
Manitowoc.....	Manitowoc & Northern Tel. Co.....		1360 00	148 00	212 00				212 00
Manitowoc.....	Manitowoc & Western Tel. Co.....	2	2,661 75	6,393 00	*3,731 25				*3,731 25
Manitowoc.....	Newton Manitowoc Tel. Co.....		73 50	322 55	*249 05				*249 05
Manitowoc.....	The Silver Creek Tel. Co.....		35 00	16 75	18 25		88	88	17 37
Marion.....	Marion & Northern Tel. Co.....	1	1,706 30	360 00	1,346 30				1,346 30
Mauston.....	Juneau Electric Company.....	3	2,869 08	2,138 09	730 99	132 00	70 62	202 62	528 37
Mauston.....	Mauston Electric Service Co.....	1	4,441 16	2,984 57	1,456 59	96 75	212 88	309 63	1,146 96
Medford.....	Medford Telephone Co.....	1	2,760 55	(3)	*2,760 55				*2,760 55
Merton.....	Merton Telephone Co.....	2	246 71	246 71					
Middleton.....	Farmers Union Tel. Co.....	1	893 26	1,065 35	*172 09				*172 09
Mishicot.....	Larrabee Telephone Co.....		104 55	71 35	33 20				33 20
Modena.....	Modena Co-operative Tel. Co.....		7 30	168 87	*161 57				*161 57
Mondovi.....	Mondovi Telephone Co.....	1	5,150 69	1,677 83	3,472 86	447 03	87 53	534 56	2,938 30
Montello.....	Marquette Telephone Co.....	1	891 22	161 12	730 10				730 10
Montfort.....	Annaton & Preston Tel. Co.....			1,110 00	*1,110 00				*1,110 00
Mosinee.....	Mosinee Telephone Co.....	1	51 30	66 10	*14 80				*14 80
Mt. Horeb.....	Mt. Horeb Ind. Tel. Co.....	1	4,690 00	2,613 00	2,077 00	150 00	118 51	268 51	1,808 49
Mt. Horeb.....	Perry Mutual Tel. Co.....		386 25	550 75	*164 50	3 25	1 00	4 25	*168 75
Muscoda.....	Basswood & Eagle Corners Tel. Co.....		325 00	200 00	125 00				125 00
Muscoda.....	Muscoda Mutual Tel. Co.....	1	391 25	634 90	*243 65				*243 65
Nekoosa.....	Wood County Tel. Co.....		894 35	819 92	74 43		18 97	18 97	55 46
Nelsonville.....	Nelsonville Telephone Co.....	1	493 57	288 25	205 32		12 35	12 35	192 97
Neosha.....	Eureka Telephone Co.....	2	1,331 93	473 70	858 23				858 23
Newburg.....	Newburg Telephone Co.....	1	1,586 36	358 00	1,228 36		39 60	39 60	1,188 76
New London.....	Caledonia Farmers Tel. Co.....		80	50 00	*49 20				*49 20
New Rome.....	Adams County Metallic Tel. Co.....		100 00	100 00					
Northfield.....	Northfield Farmers Tel. Co.....			232 50	*232 50				*232 50
Oostburg.....	Oostburg Telephone Co.....	1	496 20	75 00	421 20				421 20
Orange.....	Badger Mutual Tel. Co.....		56 00	25 00	31 00				31 00
Oregon.....	Oregon Telephone Co.....	1	2,766 00	1,511 00	1,255 00				1,255 00
Orfordville.....	Orfordville Telephone Co.....	1	4,802 51	3,504 21	1,298 30		120 05	120 05	1,178 25

*Deficit.

¹Refunds deducted, \$3.00.

²Refunds deducted, \$2.35.

³No record kept of expenses.

⁴Includes income from sources other than operation, \$3.00.

TABLE IV.—TELEPHONE COMPANIES, 1907—Continued.
Condensed Income Account of Telephone Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	No. of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenue or deficit.	FIXED CHARGES.			Surplus or deficit.
						Interest.	Taxes.	Total.	
Osceola.....	Osceola Farmers Mut. Tel. Co.....	1	\$4,290 14	\$2,430 89	\$1,859 25	\$43 77	\$107 25	\$151 02	\$1,708 23
Oshkosh.....	Winnebago County Tel. Co.....		497 38	344 44	152 94				152 94
Osseo.....	Beef River Valley Tel. Co.....	1	36 00	42 85	*6 85	5 50		5 50	*12 35
Osseo.....	Osseo Telephone Co.....	2	4,026 41	2,576 09	1,450 32	92 50	88 34	180 84	1,269 48
Owen.....	Owen Telephone Co.....	1	95 55	178 95	*83 40				*83 40
Oxford.....	Marquette & Adams County Tel. Co.....		1,335 00	1,334 35	65				65
Pardeeville.....	Pardeeville Telephone Co.....	1	1,952 50	2,320 80	*368 30				*368 30
Pepin.....	Pepin Telephone Co.....	3	2,782 74	2,630 00	2,152 74	70 00	67 16	137 16	2,015 58
Pewaukee.....	Pewaukee Sussex Tel. Co.....	1	1,251 87	2,720 00	531 87				531 87
Phillips.....	Price County Tel. Co.....	1	12,686 15	2,756 00	*69 85				*69 85
Pittsville.....	Telephone Toll Line Co.....		591 05	451 25	139 80				139 80
Plainville.....	Kilbourn & Friendship Tel. Co.....		220 50	206 20	14 30	9 65	4 65	14 30	87 41
Platteville.....	Grant Co. Telegraph & Tel. System.....	1	2,016 65	1,014 90	1,001 75		50 42	50 42	951 33
Plover.....	Buena Vista Tel. Co.....		37 00	12 00	25 00				25 00
Plymouth.....	Plymouth Telephone Co.....	1	3,763 05	2,398 58	1,364 47	108 15	94 07	202 22	1,162 25
Plymouth.....	Rathburn Telephone Lines.....	1	1,100 00	855 26	244 74				244 74
Port Washington.	Port Washington Tel. Co.....		252 00	164 59	87 41				87 41
Port Wing.....	Port Wing Tel. Co.....	1	860 78	730 00	130 78				130 78
Poynette.....	Leeds Farmers Tel. Co.....	1	1,815 00	1,475 50	341 50	18 00	27 55	45 55	295 95
Prairie du Sac...	Farmers Co-operative Tel. Co.....	1	330 50	368 10	*37 60		52	52	*38 12
Prairie du Sac...	Troy & Honey Creek Tel. Co.....	3	10,500 00	2,920 00	7,580 00	486 00	243 00	729 00	6,851 00
Reedsburg.....	Reedsburg Telephone Co.....	1	6,609 58	1,761 01	4,848 57	304 78		304 78	4,543 79
Reedsburg.....	Rudd & Rood Tel. Co.....		598 50	111 48	487 02				487 02
Rib Lake.....	Rib Lake Tel. Co.....	1	1,080 00	1,210 00	*130 00				*130 00
Rice Lake.....	Barron County Tel. Co.....	7	3,211 64	4,438 31	*1,226 67				*1,226 67
Rice Lake.....	Rice Lake & Northeastern Tel. Co.....		351 30	127 63	223 67				223 67
Rhineland.....	Oneida & Vilas County Tel. Co.....		841 29	377 04	464 25	52 96	16 10	60 06	305 19
Richland Center..	Farmers Tel. Exchange Co.....	1	6,077 39	3,078 76	2,998 63	340 00	151 45	691 45	2,307 18

*Deficit.

¹Refunds deducted, \$34.80.²Includes nothing for maintenance.

Riley.....	Pine Bluff Tel. Co.....		1,191 24	387 55	803 69				803 69
Ripon.....	Ripon Rural Tel. Co.....		423 62	90 00	333 62				333 62
St. Croix Falls.....	St. Croix Valley Tel. Exchange Co.....	1	6,137 18	4,881 49	1,255 69	137 10	157 10		1,098 59
Scandinavia.....	Scandinavia Telephone Co.....	2	2,377 06	2,010 85	366 11	69 15	46 96	116 11	250 00
Schleisingerville..	Cedar Lake Tel. Co.....		646 11	540 75	105 36				105 36
Schleisingerville..	Washington County Tel. Co.....	1	63 32	6 60	56 92	2 25		2 25	54 67
Shawano.....	Town Line Farmers Ind. Tel. Co.....		196 75	157 80	38 95				38 95
Shell Lake.....	Shell Lake Exchange.....	1	406 00	300 00	100 00				100 00
Sherwood.....	Stockbridge & Sherwood Tel. Co.....	1	62 00	62 00					
Shullsburg.....	Glenville Telephone Co.....		120 00	116 00	4 00				4 00
Sobieski.....	Oconto Telephone Co.....	1	82 29	32 00	50 29				50 29
Soldiers Grove.....	Elmwood Farmers Tel. Co.....		13 00	13 00					
Spooner.....	Washburn Co. Farmers Tel. Co.....		122 00	81 62	40 38				40 38
Spring Green.....	West Spring Green Tel. Co.....		58 95	78 00	*19 05				*19 05
Spring Green.....	Big Hollow Tel. Co.....		420 00	150 66	269 34	30 00		30 00	239 34
Stetsonville.....	Brecke Telephone Co.....		575 27	486 10	89 17				89 17
Stockbridge.....	Stockbridge & Sherwood Tel. Co.....	1	110 44	110 44					
Stoughton.....	Keonsa Ind. Tel. Co.....		17 95	633 27	*615 32				*615 32
Stratford.....	Stratford Telephone Co.....	1	644 00	414 85	229 15	15 25	15 25		213 90
Strum.....	Strum Telephone Co.....	1	235 40	218 03	17 37				17 37
Sturgeon Bay.....	Door County Tel. Co.....		392 70	418 30	*25 60		6 00	6 00	*31 60
Sullivan.....	Sullivan Telephone Co.....	1	1,299 33	720 01	579 32	50 00		50 00	529 32
Swiss.....	St. Croix Farmers Mut. Tel. Co.....		150 77	186 75	*35 98				*35 98
Taylor.....	Springfield Farmers Tel. Co.....		281 95	276 00	5 95				5 95
Theresa.....	Theresa Union Tel. Co.....	1	242 00	911 00	*669 00				*669 00
Thiensville.....	Mequon Telephone Co.....	1	1,029 76	416 43	613 33		27 14	27 14	586 19
Thorp.....	Thorp Telephone Co.....	1	1,068 00	801 32	266 68		26 68	26 68	240 00
Tigerton.....	Marion & Northern Tel. Co.....	1	673 85	252 00	421 85				421 85
Tilleda.....	Farmers Ind. Tel. Ass'n.....	1	135 55	132 00	3 55		3 40	3 40	15
Tomah.....	Tomah El. & Tel. Co.....	1	6,400 96	4,621 02	1,779 94	30 00	160 00	190 00	1,589 94
Union Grove.....	Union Grove Tel. Co.....	1	2,280 23	1,403 93	876 30		57 01	57 01	819 29
Walworth.....	Walworth Tel. Exchange Co.....	1	2,521 94	1,497 90	1,024 04				1,024 04
Warrens.....	Warren Land Co.....		1,764 25	1,070 40	693 85				693 85
Waterford.....	Wind Lake Telephone Co.....		564 98	382 05	182 93				182 93
Watertown.....	Watertown Telephone Co.....	1	689 30	148 71	540 59				540 59
Waupaca.....	Citizens Telephone Exchange.....	1	*4,347 96	4,029 12	318 84				318 84
Waupaca.....	Rural Telephone Co.....		95 55	95 55					

*Deficit.

¹Refunds deducted, \$56 43.

²Refunds deducted, \$40 95.

TABLE IV.—TELEPHONE COMPANIES, 1907—Concluded.
Condensed Income Account of Telephone Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	No. of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenues or deficit.	FIXED CHARGES.			Surplus or deficit.
						Interest.	Taxes.	Total.	
Wausau.....	Marathon County Tel. Co.....	1	\$3,498 85	\$2,972 17	\$526 68	.....	\$76 54	\$76 54	\$450 14
Westfield.....	Westfield Farmers Tel. Co.....	1	2,298 40	1,300 03	998 37	\$92 00	26 60	118 60	879 77
Westfield.....	Wood. Dr. F. C.....	2	1,182 00	759 00	423 00	.....	.....	.....	423 00
White Creek.....	Kilbourn & Friendship Tel. Co.....	.....	269 05	231 00	38 05	15 00	2 35	17 35	20 70
Whitehall.....	Lincoln Farmers Tel. Co.....	1	431 72	655 91	*6 26	.....	.....	.....	6 26
Whitehall.....	Pleasant Valley Tel. Co.....	1	175 00	271 00	*96 00	.....	.....	.....	*96 00
Wilmot.....	Farmers New Era Tel. Co.....	1	² 966 17	520 00	446 17	.....	.....	.....	446 17
Wilton.....	Ontario & Wilton Tel. Co.....	2	2,340 25	1,315 25	1,025 00	132 00	57 31	189 31	835 69
Wonewoc.....	Wonewoc Telephone Co.....	1	12 56	9 49	3 07	.....	.....	.....	3 07
Woodhull.....	Woodhull Telephone Co.....	.....	143 75	65 50	78 25	.....	3 59	3 59	74 66
Total.....	.....	.....	\$282,578 84	\$183,861 38	³ \$102,984 27	\$7,555 93	\$4,343 86	\$11,899 79	\$91,084 48

*Deficit.

¹Includes income from sources other than operating, \$230.45.²This report embraces eight months.³Total income from sources other than operation, \$4,266 81.

TABLE V.—TELEPHONE COMPANIES, 1907.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	ASSETS.					Total.
		Cost of plant and equipment.	Investments.	Current assets.	Sinking and other funds.	Cash assets.	
Allenton.....	Allenton-Kohlsville Tel. Co.....	\$5,160 00		\$40 00			\$5,200 00
Alma.....	Tenney Telephone Co.....	7,850 00					7,850 00
Almond.....	Almond Telephone Co.....	7,175 00		1,300 00		\$353 97	8,828 97
Amery.....	Amery Electric Co.....	12,261 15		885 00		18 00	13,164 15
Antigo.....	Antigo Telephone Co.....	39,350 00		983 53		460 69	40,794 22
Appleton.....	Fox River Valley Tel. & Telegraph Co.....	618,695 26	\$139,400 00	2,480 55		1,729 16	762,304 97
Arcadia.....	Western Wisconsin Tel. Co.....	93,481 48		9,059 37		90 64	102,631 49
Argyle.....	Argyle Telephone Co.....	2,475 00		350 00	\$105 00	166 96	3,096 96
Arkansaw.....	Arkansaw Telephone Co.....	4,500 00		253 00			4,753 00
Ashland.....	Ashland Home Tel. Co.....	229,990 00		1,119 82	4,200 00	255 52	235,565 34
Ashland.....	North Wisc. Toll Line Co.....	40,015 00		983 83		116 75	41,115 58
Athens.....	Athens Telephone Co.....	7,471 39		100 00		59 08	7,630 47
Attica.....	Attica Mutual Tel. Co.....	1,372 51		51 71		312 81	1,737 03
Augusta.....	J. L. Ball Telephone Co.....	15,285 00					15,285 00
Baldwin.....	Baldwin Telephone Co.....	14,850 00		150 00	900 00		15,900 00
Bangor.....	Bangor Telephone Co.....	23,211 53			85 77	94 48	23,391 78
Baraboo.....	Baraboo Telephone Co.....	40,447 40	4,000 00	1,816 16		2,797 20	49,060 76
Belleville.....	Belleville Telephone Co.....	8,350 00	600 00			40 00	8,990 00
Beloit.....	Beloit Farm Tel. Co.....	9,000 00			791 00		9,791 00
Beloit.....	Beloit Home Tel. Co.....	101,440 49		1,450 87		4,084 27	106,975 63
Berlin.....	Waushara Telephone Co.....	13,726 77		278 65		643 93	14,649 35
Blair.....	Preston Farmers' Tel. Co.....	40,447 85				310 78	7,473 63
Bloomer.....	Bloomer Telephone Co.....	18,985 21		408 00		492 11	19,885 32
Boscobel.....	Boscobel Telephone Co.....	4,013 00		53 50			4,066 50
Bristol.....	Bristol Telephone Co.....	4,550 00		1,567 42		748 08	6,865 50
Brodhead.....	Brodhead Telephone Co.....	24,542 40		120 00		184 86	24,847 26
Brooklyn.....	Brooklyn Telephone Co.....	10,480 84		480 26	140 05		11,101 15
Bruce.....	Chippewa Valley Tel. Co.....	19,045 14		2,146 44		849 27	22,040 85

* 1Stocks and bonds in treasury.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	ASSETS.					Total.
		Cost of plant and equipment.	Investments.	Current assets.	Sinking and other funds.	Cash assets.	
Burkhardt.....	Hudson Prairie Tel. Co.....	\$1,550 00		\$218 87		\$5 89	\$1,774 76
Burlington.....	Burl., Brighton & Wheatland Tel. Co.....	11,685 70				18 79	11,704 49
Burlington.....	Burl., Rochester & Kansasville Tel. Co.....	9,457 74	\$1,991 73			19 00	11,468 47
Cadott.....	Cadott Telephone Co.....	3,025 00				534 61	3,559 61
Cambridge.....	Cambridge Telephone Co.....	3,530 00		458 00			3,988 00
Cedar Grove.....	Cedar Grove Tel. Co.....	5,473 16		400 50	\$63 61	42 17	5,979 44
Chippewa Falls.....	Chippewa County Tel. Co.....	32,165 18		2,353 49		716 47	35,235 14
Clinton.....	Clinton Telephone Co.....	24,172 14		1,076 00		885 63	26,133 77
Clintonville.....	Matteson Telephone Co.....	4,225 00				70 00	4,295 00
Cobb.....	Iowa County Tel. Co.....	5,500 00		700 00		307 29	6,507 29
Coloma Station.....	Coloma Telephone Co.....	3,900 00		200 00		4 78	4,104 78
Crandon.....	Crandon Telephone Co.....	5,990 00		301 17		124 60	6,415 77
Deerfield.....	Deerfield Telephone Co.....	9,144 00		300 00		40 00	9,484 00
Dodgeville.....	New Union Tel. Co.....	42,685 00		100 00		199 39	42,984 39
Dorchester.....	Lapp & Sturmer Tel. Co.....	1,822 28	215 00	400 00		72 72	2,310 00
Eagle.....	Eagle Telephone Co.....	39,582 92	25 00	2,446 11		1,236 50	43,280 53
Edgerton.....	Edgerton Telephone Co.....	18,983 64		245 71		1,591 44	20,820 79
Elkhorn.....	State Long Distance Tel. Co.....	24,500 00		1,470 87		186 19	26,157 06
Elmwood.....	Highland Telephone Co.....	2,600 00		110 95		39 01	2,749 96
Ettrick.....	Ettrick Telephone Co.....	7,730 00		1,162 44		4 12	8,896 56
Florence.....	Michigan State Tel. Co.....	(1)					
Fort Atkinson.....	Jefferson County Telephone Co.....	37,060 52		30 00		207 62	37,298 14
Fountain City.....	Fountain City Tel. Co.....	11,775 00		150 00		150 00	12,075 00
Freistadt.....	Freistadt & Cedarburg Tel. Co.....	4,416 22				700 00	5,116 22
Fremont.....	Fremont Telephone Co.....	152 28		45 38		32 10	229 76
Glenwood.....	West Wisconsin Tel. Co.....	9,221 72		798 13			10,019 85
Glidden.....	Glidden Telephone Co.....	18,100 00		125 00		256 45	18,481 45
Goodrich.....	Goodrich Telephone Co.....	1,861 15		342 00		8 00	2,211 15

¹ Cost of plant and equipment in Wisconsin, \$7,411.95.

² Contracts and licences.

Grafton	Grafton Telephone Co.	5,514 60		557 05		376 01	6,447 66
Greenwood	Greenwood Telephone Co.	3,783 15		74 78			3,857 93
Grand Rapids	Cranmoor Telephone Co.	2,107 94		46 00			2,153 94
Grand Rapids	Wood County Tel. Co.	21,253 17		543 54		344 64	22,141 35
Green Bay	Brown County Tel. Co.	19,738 55				261 45	20,000 00
Hillsboro	Hillsboro Telephone Co.	10,500 00					10,500 00
Hixton	Central Wisconsin Tel. Co.	84,742 90		8,789 73		2,245 85	95,778 48
Hollandale	Perry Hollandale Tel. Co.	2,395 00		54 86			2,449 86
Hubertus	Richfield, Hubertus & Holy Hill Tel. Co.	4,300 26				07	4,300 33
Jackson	Jackson Telephone Co.	4,211 23	1,110 00	266 19		114 14	5,701 56
Janesville	Rock County Tel. Co.	88,746 86				2,852 35	91,599 21
Kenosha	Kenosha Home Tel. Co.	195,774 07	12,794 83	1,545 36		8,417 97	218,532 23
Kiel	Eastern Wisconsin Tel. Co.	27,000 00		2,000 00		1,000 00	30,000 00
Kilbourn	Farmers' Inter-County Mutual Tel. Co.	9,925 00				1,875 00	11,800 00
Knapp	Knapp Telephone Co.	10,575 00		1,100 00		350 00	12,025 00
La Crosse	La Crosse Interurban Tel. Co.	64,282 97		551 51	2400 00	556 85	65,791 33
La Crosse	La Crosse Telephone Co.	139,585 91		43 90		4,577 86	144,207 67
La Farge	La Farge Telephone Co.	9,400 00		900 00			10,300 00
Lake Mills	Interurban Telephone Co.	204,009 45	2,500 00	355 00		73 29	206,937 74
Lime Ridge	Peoples' Telephone Co.	10,225 00		800 00			11,025 00
Lindsay	Lindsay Telephone Co.	1,035 00		22 45			1,057 45
Lodi	Lodi Telephone Co.	10,975 00					10,975 00
Luxemburg	Luxemburg Telephone Co.	1,625 00				669 11	2,294 11
Madison	Dane County Rural Tel. Co.	7,112 44		300 00		1 07	7,413 51
Madison	Dane County Tel. Co.	201,900 20				662 89	202,563 09
Markesan	Markesan Tel. Co.	7,875 00		350 00			8,225 00
Mauston	Mauston Electric Service Co.	15,000 00	22,437 00	1,842 15		1,962 14	41,241 29
Mauston	Juneau Electric Co.	3,000 00					9,000 00
Mazomanie	Mazomanie Tel. Co.	5,400 20		431 85		640 21	6,472 26
McFarland	Peoples' Tel. Co. of Dane Co.	4,092 28		226 35			4,318 63
Menomonee Falls	Menomonee Falls Tel. Co.	8,224 31		1,164 04	300 00	307 88	9,996 23
Merrill	Merrill Tel. Co.	25,400 00		725 00		2,168 81	28,293 81
Milton	Milton & Milton Junction Tel. Co.	23,392 00		750 00		1,024 16	25,166 16
Milwaukee	Badger Telegraph and Tel. Co.	110,030 12		3,885 16		1,791 33	115,706 61
Milwaukee	Wisconsin Tel. Co.	8,235,898 40	774,354 46	433,941 59	2,604 42	97,476 52	9,544,275 39
Mineral Point	Mineral Point Tel. Co.	10,000 00		500 00		237 97	10,737 97
Mondovi	Mondovi Tel. Co.	22,000 00		200 00			22,200 00
Monroe	Monroe Tel. Co.	35,014 21		2,737 61		835 30	38,587 12
Monroe	The United Tel. Co.	22,528 79		4,715 89		657 20	27,901 88

¹ Treasury stock.

² Bond expense undistributed.

³ For detailed statement showing distribution of plant cost see page 1153.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	ASSETS.					
		Cost of plant and equipment.	Investments.	Current assets.	Sinking and other funds.	Cash assets.	Total.
Morrisonville.....	Columbia County Tel. Co.....	\$2,609 00		\$1,590 95			
Mosinee.....	Mosinee Tel. Co.....	1,390 00		110 00	\$29 65	\$70 40	\$4,300 00
Mt. Horeb.....	Perry Mutual Tel. Co.....	5,730 32		56 59			1,500 00
Mt. Horeb.....	Mt. Horeb Independent Tel. Co.....	18,200 00		1,258 00		86 62	5,873 53
Neillsville.....	Badger State Tel. & Telegraph Co.....	33,363 00		1,648 41			19,458 00
Nelsonville.....	Nelsonville Tel. Co.....	1,650 00		39 40			35,782 97
Neosha.....	Eureka Tel. Co.....	12,700 00		381 92		205 32	1,894 72
Oakfield.....	Oakfield Tel. Co.....	10,000 00		392 65	200 00	428 97	13,710 89
Osceola.....	Osceola Farmers' Mutual Tel. Co.....	12,814 85		708 64		2 29	10,394 95
Osseo.....	Osseo Tel. Co.....	16,735 00		1,225 00		89 93	13,613 42
Owen.....	Owen Tel. Co.....	1,755 64		846 61		332 86	18,292 86
Pardeeville.....	Pardeeville Tel. Co.....	2,175 00		100 00		180 91	2,783 16
Pepin.....	Pepin Tel. Co.....	7,540 00		150 00			2,275 00
Pewaukee.....	Pewaukee—Sussex Tel. Co.....	4,400 00					7,690 00
Phillips.....	Price County Tel. Co.....	10,000 00					4,400 00
Picketts.....	Utica Tel. Co.....	5,890 59		248 92			10,000 00
Plymouth.....	Plymouth Tel. Co.....	9,052 07				10 04	6,149 55
Plymouth.....	Rathburn Tel. Lines.....	4,400 00		650 00		146 42	9,198 49
Portage.....	Portage Tel. Co.....	51,927 75		2,100 00			5,050 00
Port Washington.....	Port Washington Tel. Co.....	3,163 75		75 00		2,188 00	56,215 75
Poynette.....	Poynette Tel. Co.....	10,000 00					3,238 75
Poynette.....	Leeds Farmers Tel. Co.....	8,208 20		160 00		244 04	10,244 04
Prairie du Sac.....	Troy & Honey Creek Tel. Co.....	31,000 00		4,000 00		491 80	8,860 00
Racine.....	Citizens Tel. Co.....	231,970 11	\$21,021 71	2,544 35		1,000 00	36,000 00
Reedsburg.....	Reedsburg Tel. Co.....	41,350 00		609 55		609 55	256,145 52
Rhineland.....	Rhineland Mutual Tel. Co.....	17,551 64		1,222 80		371 41	42,944 21
Rhineland.....	Oneida & Vilas County Tel. Co.....	5,323 37		648 92		731 41	18,931 97
Rib Lake.....	Rib Lake Tel. Co.....	4,830 00		61 06		24 03	5,408 46
Rice Lake.....	Rice Lake & N. E. Tel. Co.....	5,940 80		173 50		243 00	5,246 50
Rice Lake.....	Barron County Tel. Co.....	38,515 28				533 42	6,274 22
						2,683 95	41,199 23

Richland Center..	Farmers Tel. Exchange Co.....	29,582 25		2,719 02		712 88	33,014 15
Riley	Pine Bluff Tel. Co.	8,050 00		900 00		81 53	9,031 53
Ripon	Ripon Rural Tel. Co.....	8,151 29		443 57		155 99	8,750 95
Ripon.....	Ripon Tel. Co.....	8,367 79		137 50	21 22	147 55	8,654 06
River Falls.....	Pierce County Tel. Co.....	69,081 14		149 55		366 03	69,596 72
Scandanavia.....	Scandanavia Tel. Co.....	4,464 70		195 00			4,659 70
Schleisingerville..	Washington County Tel. Co.....	1,331 66		157 87		38 27	1,527 90
Sharon.....	Sharon Tel. Co.....	10,123 78		668 85		230 56	11,023 19
Sheboygan.....	Citizens Tel. Co.....	160,819 18		1,586 66	169 01	688 17	163,263 02
Sparta.....	Monroe County Tel. Co.....	42,479 05		3,526 29		1,368 94	47,374 28
Spoooner.....	Washburn County Farmers' Tel. Co.....	1,449 40		62 90		3 93	1,516 23
St. Croix Falls....	St. Croix Valley Tel. Exchange Co.....	20,379 79	1,404 21	1,181 74		29 69	22,995 43
Stetsonville.....	Brecke Tel. Co.....	3,859 00		70 00			3,929 00
Sullivan.....	Sullivan Tel. Co.....	12,691 37		400 74			13,092 11
Superior.....	People's Tel. Co.....	218,985 08		11,594 40		302 47	230,881 95
Superior.....	Douglas County Tel. Co.....	201,902 49	3,500 00	5,350 23	1,573 79	1,740 03	214,066 54
Tomah.....	Tomah Electric & Tel. Co.....	18,075 00		1,700 00		534 90	20,309 90
Tomahawk.....	Electric, Water & Tel. Co.....	10,000 00		1,413 42		61 24	11,474 66
Union Grove.....	Union Grove Tel. Co.....	12,355 00		200 00		31 00	12,586 00
Viroqua.....	Viroqua Tel. Co.....	10,000 00		5,434 90		84 79	15,519 69
Walworth.....	Walworth Tel. Exchange Co.....	7,774 88		506 91		2 34	8,284 13
Washburn.....	Bayfield County Tel. Co.....	30,085 00		1,298 65		1,054 03	32,437 68
Waupaca.....	Citizens Tel. Co.....	17,856 72		405 20		213 64	18,475 56
Wausau.....	Marathon County Tel. Co.....	12,304 67				1,158 42	13,463 09
Wausaukee.....	Wausaukee Tel. Co.....	2,520 00	573 62			294 21	3,387 83
Westby.....	Westby Tel. Co.....	13,604 04				825 22	14,429 26
Westfield.....	Westfield Farmers Tel. Co.....	4,120 00		555 00	750 00	178 60	5,603 60
Weyerhauser.....	Weyerhauser & Island Lake Tel. Co.....	1,995 84		100 00		40 15	2,135 99
Wilton.....	Ontario & Wilton Tel. Co.....	5,861 25		575 30		43 19	6,479 74
Wycocena.....	People's Tel. Co.....	37,350 00					37,350 00
Total.....		\$12,995,586 92	\$985,727 56	\$570,659 17	\$14,188 52	\$172,489 90	\$14,738,652 07

¹Includes franchise value, \$30,000.

²Suspense accounts.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	LIABILITIES.						Total.
		Capital stock.	Bonds.	Current liabilities.	Accrued liabilities.	Reserves.	Surplus.	
Allenton.....	Allenton-Kohlsville Tel. Co.....	\$5,000 00		\$47 58			\$152 42	\$5,200 00
Alma.....	Tenney Telephone Co.....	7,850 00						7,850 00
Almond.....	Almond Telephone Co.....	6,175 00		1,465 00			1,188 97	8,828 97
Amery.....	Amery Electric Co.....	4,500 00		8,604 15	\$60 00			13,164 15
Antigo.....	Antigo Telephone Co.....	25,000 00		1,041 94	15 00		14,737 28	40,794 22
Appleton.....	Fox River Valley Tel. & Telegraph Co.....	350,000 00	\$352,500 00	46,524 75	3,511 25		9,768 97	762,304 97
Arcadia.....	Western Wisconsin Tel. Co.....	67,350 00		14,222 54	517 56	\$11,717 48	8,823 91	102,631 49
Argyle.....	Argyle Telephone Co.....	3,000 00		96 96				3,096 96
Arkansaw.....	Arkansaw Telephone Co.....	3,000 00		1,000 00			753 00	4,753 00
Ashland.....	Ashland Home Tel. Co.....	110,000 00	113,200 00	4,359 20			8,006 14	235,565 34
Ashland.....	North Wisc. Toll Line Co.....	40,000 00		357 15			758 43	41,115 58
Athens.....	Athens Telephone Co.....	6,000 00		1,051 47			579 00	7,630 47
Attica.....	Attica Mutual Tel. Co.....	1,075 00		159 90	502 13			1,737 03
Augusta.....	J. L. Ball Telephone Co.....	¹ 15,295 00						15,295 00
Baldwin.....	Baldwin Telephone Co.....	15,000 00					900 00	15,900 00
Bangor.....	Bangor Telephone Co.....	20,000 00		3,306 01			85 77	23,391 78
Baraboo.....	Baraboo Telephone Co.....	46,200 00		2,478 40	382 36			49,060 76
Belleville.....	Belleville Telephone Co.....	5,600 00		200 00			3,190 00	8,990 00
Beloit.....	Beloit Farm Tel. Co.....	6,300 00		1,147 00			2,344 00	9,791 00
Beloit.....	Beloit Home Tel. Co.....	100,000 00		4,208 35	279 85	593 50	1,893 93	106,975 63
Berlin.....	Waushara Telephone Co.....	7,500 00		1,100 00		1,578 94	4,470 41	14,649 35
Blair.....	Preston Farmers' Tel. Co.....	7,400 00		73 63				7,473 63
Bloomer.....	Bloomer Telephone Co.....	15,000 00		1,839 38			3,045 94	19,885 32
Boscobel.....	Boscobel Telephone Co.....	4,000 00					66 50	4,066 50
Bristol.....	Bristol Telephone Co.....	3,170 00		1,032 77	266 79		2,395 94	6,865 50
Brodhead.....	Brodhead Telephone Co.....	15,000 00					9,847 26	24,847 26
Brooklyn.....	Brooklyn Telephone Co.....	10,000 00		149 06	82 55		869 54	11,101 15
Bruce.....	Chippewa Valley Tel. Co.....	15,050 00		3,550 00		945 66	2,495 19	22,040 85

¹ Represents proprietor's capital and profits; company is not incorporated.

Burkhardt	Hudson Prairie Tel. Co.	1,350 00		350 80		73 96	1,774 76
Burlington	Burl., Brighton & Wheatland Tel. Co.	10,000 00		603 20		1,101 29	11,704 49
Burlington	Burl., Rochester & Kansasville Tel. Co.	6,875 00		2,324 27		2,269 20	11,468 47
Cadott	Cadott Telephone Co.	13,461 06		98 55			3,559 61
Cambridge	Cambridge Telephone Co.	4,100 00		14 00		*126 00	3,988 00
Cedar Grove	Cedar Grove Tel. Co.	5,000 00		950 00	29 44		5,979 44
Chippewa Falls	Chippewa County Tel. Co.	28,325 00		220 39		4,316 52	35,285 14
Clinton	Clinton Telephone Co.	9,000 00		7,700 00		2,373 23	35,015 00
Clintonville	Matteson Telephone Co.	3,420 00		875 00		9,433 77	26,133 77
Cobb	Iowa County Tel. Co.	6,000 00		507 29			4,285 00
							6,507 29
Coloma Station	Coloma Telephone Co.	3,750 00		201 00		153 78	4,104 78
Crandon	Crandon Telephone Co.	3,000 00		1,314 62	72 35	2,028 80	6,415 77
Deerfield	Deerfield Telephone Co.	6,680 00		1,725 00		1,079 00	9,484 00
Dodgeville	New Union Tel. Co.	38,185 00	4,500 00		299 39		42,984 39
Dorchester	Lapp & Sturmer Tel. Co.	2,000 00		310 00			2,310 00
Eagle	Eagle Telephone Co.	26,750 00		3,140 59		9,521 83	43,280 53
Edgerton	Edgerton Telephone Co.	18,000 00		6,731 25	162 50	*4,072 96	20,820 79
Elkhorn	State Long Distance Tel. Co.	17,400 00		7,438 80		1,320 26	26,157 06
Elmwood	Highland Telephone Co.	2,600 00		423 64		*273 68	2,749 96
Ettrick	Ettrick Telephone Co.	7,720 00	840 00	436 32		*99 76	8,896 56
Florence	Michigan State Tel. Co.						
Fort Atkinson	Jefferson County Telephone Co.	23,780 00		10,507 55	280 66	2,729 93	37,298 14
Fountain City	Fountain City Tel. Co.	212,075 00					12,075 00
Freistadt	Freistadt & Cedarburg Tel. Co.	7,000 00			9 50	*1,893 28	5,116 22
Fremont	Fremont Telephone Co.	152 28		62 38		15 10	229 76
Glenwood	West Wisconsin Tel. Co.	8,850 00		1,162 63	7 22		10,019 85
Glidden	Glidden Telephone Co.	18,000 00				481 45	18,481 45
Goodrich	Goodrich Telephone Co.	1,095 00		955 77		160 38	2,211 15
Grafton	Grafton Telephone Co.	5,500 00		107 50	35 00	805 16	6,447 66
Greenwood	Greenwood Telephone Co.	2,170 00		936 80		721 13	3,857 93
Grand Rapids	Cranmoor Telephone Co.	700 00		1,300 00		153 94	2,153 94
Grand Rapids	Wood County Tel. Co.	10,050 00		7,681 70	364 04	4,045 61	22,141 35
Green Bay	Brown County Tel. Co.	20,000 00					20,000 00
Hillsboro	Hillsboro Telephone Co.	110,500 00					10,500 00
Hixton	Central Wisconsin Tel. Co.	79,800 00		6,973 24		9,005 24	95,778 48
Hollandale	Perry Hollandale Tel. Co.	1,175 00		240 00		1,034 86	2,449 86
Hubertus	Richfield, Hubertus & Holy Hill Tel. Co.	4,300 26				07	4,300 33
Jackson	Jackson Telephone Co.	4,000 00		1,230 83		470 73	5,701 56

* Deficit.

1 Represents proprietors' capital and profits; company is not incorporated.

2 Represents capital and profits of co-partnership; company is not incorporated.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	LIABILITIES.						
		Capital stock.	Bonds.	Current liabilities.	Accrued liabilities.	Reserves.	Surplus.	Total.
Janesville.....	Rock County Tel. Co.....	\$70,000 00		\$8,500 00			\$13,099 21	\$91,599 21
Kenosha.....	Kenosha Home Tel. Co.....	175,000 00		27,267 64	\$781 38	\$9,376 59	6,106 62	218,532 23
Kiel.....	Eastern Wisconsin Tel. Co.....	15,000 00		14,000 00	1,000 00			50,000 00
Kilbourn.....	Farmers' Inter-County Mutual Tel. Co.....	10,000 00	\$1,800 00					11,800 00
Knapp.....	Knapp Telephone Co.....	7,300 00		2,500 00			2,225 00	12,025 00
La Crosse.....	La Crosse Interurban Tel. Co.....	26,025 00	17,500 00	18,645 07			3,621 26	65,791 33
La Crosse.....	La Crosse Telephone Co.....	99,400 00		28,400 00			16,407 67	144,207 67
La Farge.....	La Farge Telephone Co.....	19,905 00		395 00				10,300 00
Lake Mills.....	Interurban Telephone Co.....	171,400 00	18,100 00	3,954 48			13,483 26	206,937 74
Lime Ridge.....	Peoples' Telephone Co.....						11,025 00	11,025 00
Lindsay.....	Lindsay Telephone Co.....	1,035 00		44 63			*22 18	1,057 45
Lodi.....	Lodi Telephone Co.....	110,175 00		800 00				10,975 00
Luxemburg.....	Luxemburg Telephone Co.....	1,600 00		425 85			268 26	2,294 11
Madison.....	Dane County Rural Tel. Co.....	5,350 00		3,400 00			*1,336 49	7,413 51
Madison.....	Dane County Tel. Co.....	100,000 00	27,000 00	17 18			75,545 91	202,563 09
Markesan.....	Markesan Tel. Co.....	13,669 37	4,500 00	55 63				8,225 00
Mauston.....	Mauston Electric Service Co.....	234,300 00		8,600 00			*1,658 71	41,241 29
Mauston.....	Juneau Electric Co.....	5,700 00		2,200 00			1,100 00	9,000 00
Mazomanie.....	Mazomanie Tel. Co.....	5,500 00					972 26	6,472 26
McFarland.....	People's Tel. Co. of Dane Co.....	3,250 00		795 00			273 63	4,318 63
Menomonee Falls	Menomonee Falls Tel. Co.....	3,000 00		6,635 47			360 76	9,996 23
Merrill.....	Merrill Tel. Co.....	25,000 00		1,000 00	265 40		2,028 41	28,293 81
Milton.....	Milton & Milton Junction Tel. Co.....	20,000 00		300 00			4,866 16	25,166 16
Milwaukee.....	Badger Telegraph & Tel. Co.....	84,700 00	23,500 00	233 06	597 28		6,476 27	115,706 61
Milwaukee.....	Wisconsin Tel. Co.....	7,490,500 00		972,310 98	81,480 74	391,822 53	608,161 14	9,544,275 39
Mineral Point....	Mineral Point Tel. Co.....	10,000 00					10,737 97	10,737 97
Mondovi.....	Mondovi Tel. Co.....	12,000 00		600 00			9,600 00	22,200 00
Monroe.....	Monroe Tel. Co.....	28,918 75		2,617 46	327 03	2,459 18	4,264 70	38,587 12
Monroe.....	The United Tel. Co.....	20,075 00		1,195 11	209 24	3,776 52	2,646 01	27,901 88

*Deficit.

¹Represents proprietor's capital and profits; company is not incorporated.

²Bond expense undistributed.

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Morrisonville.....	Columbia County Tel. Co.....	4,300 00					4,300 00
Mosinee.....	Mosinee Tel. Co.....	750 00		750 00			1,500 00
Mt. Horeb.....	Perry Mutual Tel. Co.....	2,450 00		159 64		3,263 89	5,873 53
Mt. Horeb.....	Mt. Horeb Independent Tel. Co.....	18,200 00				1,258 00	19,458 00
Neillsville.....	Badger State Tel. & Telegraph Co.....	20,000 00		1,497 10	220 71	14,065 16	35,782 97
Nelsonville.....	Nelsonville Tel. Co.....	1,650 00		161 30		83 42	1,894 72
Neosha.....	Eureka Tel. Co.....	11,100 00		1,600 00		1,010 89	13,710 89
Oakfield.....	Oakfield Tel. Co.....	3,400 00	21,500 00	1,300 00		4,194 95	10,394 95
Osceola.....	Osceola Farmer's Mutual Tel. Co.....	10,000 00		1,049 70	107 25	2,456 47	13,613 42
Osseo.....	Osseo Tel. Co.....	13,550 00		3,620 00		1,122 86	18,292 86
Owen.....	Owen Tel. Co.....	2,000 00		783 16			2,783 16
Pardeeville.....	Pardeeville Tel. Co.....	2,250 00		25 00			2,275 00
Pepin.....	Pepin Tel. Co.....	16,270 00		1,420 00			7,690 00
Pewaukee.....	Pewaukee-Sussex Tel. Co.....	2,500 00		1,900 00			4,400 00
Phillips.....	Price County Tel. Co.....	10,000 00					10,000 00
Picketts.....	Utica Tel. Co.....	5,000 00		294 58		854 97	6,149 55
Plymouth.....	Plymouth Tel. Co.....	1,100 00		1,850 00		6,248 49	9,198 49
Plymouth.....	Rathburn Tel. Lines.....	14,536 00		500 00	14 00		5,050 00
Portage.....	Portage Tel. Co.....	21,500 00		16,814 00	1,032 00	10,000 00	56,215 75
Port Washington.....	Port Washington Tel. Co.....	3,225 00		132 25		*118 50	3,238 75
Poynette.....	Poynette Tel. Co.....	10,000 00				244 04	10,244 04
Poynette.....	Leeds Farmers Tel. Co.....	10,000 00				*1,140 00	8,860 00
Prairie du Sac.....	Troy & Honey Creek Tel. Co.....	22,900 00		8,165 00		4,935 00	36,000 00
Racine.....	Citizens Tel. Co.....	110,090 00	109,400 00	23,117 58		13,537 94	256,145 52
Reedsburg.....	Reedsburg Tel. Co.....	2,000 00		11,716 30	527 14	28,700 77	42,944 21
Rhineland.....	Rhineland Mutual Tel. Co.....	4,525 00	5,000 00	3,232 30		6,174 67	18,931 97
Rhineland.....	Oneida & Vilas County Tel. Co.....	2,300 00		650 00		2,458 46	5,408 46
Rib Lake.....	Rib Lake Tel. Co.....	5,000 00		120 00	9 88	116 62	5,246 50
Rice Lake.....	Rice Lake & N. E. Tel. Co.....	6,100 00				174 22	6,274 22
Rice Lake.....	Barron County Tel. Co.....	31,150 00				10,049 23	41,199 23
Richland Center.....	Farmers Tel. Exchange Co.....	5,000 00		21,624 88	2,444 42	3,944 85	33,014 15
Riley.....	Pine Bluff Tel. Co.....	5,050 00				3,981 53	9,031 53
Ripon.....	Ripon Rural Tel. Co.....	5,000 00		3,417 33		333 62	8,750 85
Ripon.....	Ripon Tel. Co.....	8,000 00		480 00	90 75	83 31	8,654 06
River Falls.....	Pierce County Tel. Co.....	49,995 00		13,978 80		5,622 92	69,596 72
Scandinavia.....	Scandinavia Tel. Co.....	2,675 00		1,032 00		952 70	4,659 70
Schleisingerville.....	Washington County Tel. Co.....	970 00		555 55	2 25		1,527 80
Sharon.....	Sharon Tel. Co.....	10,000 00				1,023 19	11,023 19
Shoygan.....	Citizens Tel. Co.....	100,000 00	47,500 00	4,503 73		11,259 29	163,263 02
Sparta.....	Monroe County Tel. Co.....	33,700 00		5,400 00	326 95	3,501 75	47,374 28

*Deficit.

¹Represents proprietors capital and profit; company is not incorporated.

²Mortgage note.

TABLE V.—TELEPHONE COMPANIES, 1907—Concluded.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	LIABILITIES.						
		Capital stock.	Bonds.	Current liabilities.	Accrued liabilities.	Reserves.	Surplus.	Total.
Spooner.....	Washburn County Farmers' Tel. Co.....	\$1,434 40		\$76 50	\$3 05		\$2 28	\$1,516 23
St. Croix Falls....	St. Croix Valley Tel. Exchange Co.....	15,600 00		4,779 10	211 79		2,404 54	22,995 43
Stetsonville.....	Brecke Tel. Co.....	2,196 00		1,733 00				3,929 00
Sullivan.....	Sullivan Tel. Co.....	10,000 00		2,126 15			965 96	13,092 11
Superior.....	People's Tel. Co.....	94,000 00	\$86,500 00	10,679 98			39,701 97	230,881 95
Superior.....	Douglas County Tel. Co.....	212,887 99		1,705 89			*527 34	214,066 54
Tomah.....	Tomah Electric & Tel. Co.....	18,000 00		540 00	175 00		1,594 90	20,309 90
Tomahawk.....	Electric, Water & Tel. Co.....	5,000 00		4,912 98			1,561 68	11,474 66
Union Grove.....	Union Grove Tel. Co.....	7,035 00		5,000 00			551 00	12,586 00
Viroqua.....	Viroqua Tel. Co.....	10,000 00		6,191 90			*672 21	15,519 69
Walworth.....	Walworth Tel. Exchange Co.....	6,700 00		560 09			1,024 04	8,284 13
Washburn.....	Bayfield County Tel. Co.....	30,000 00		25 00			2,412 68	32,437 68
Waupaca.....	Citizens Tel. Co.....	1,111 46		16,735 00	629 10			18,475 56
Wausau.....	Marathon County Tel. Co.....	7,525 00					5,938 09	13,463 09
Wausaukee.....	Wausaukee Tel. Co.....	3,335 00		750 00			*697 17	3,387 83
Westby.....	Westby Tel. Co.....	8,750 00		1,362 00			4,317 26	14,429 26
Westfield.....	Westfield Farmers Tel. Co.....	2,805 00	1,700 00	319 00	119 54		660 06	5,603 60
Weyerhauser.....	Weyerhauser & Island Lake Tel. Co.....	1,550 00		500 00			85 99	2,135 99
Wilton.....	Ontario & Wilton Tel. Co.....	3,150 00		2,516 18	189 75		623 81	6,479 74
Wycocena.....	People's Tel. Co.....	34,350 00	4,000 00				*1,000 00	37,350 00
Total.....		\$10,819,697 57	\$819,040 00	\$1,461,821 89	\$97,642 24	\$449,610 50	\$1,090,839 87	\$14,738,652 07

*Deficit.

¹Represents proprietor's capital and profits; company is not incorporated.

TABLE VI.—TELEPHONE COMPANIES, 1907.
Ratios of Operating Data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Total.	Percentage of operating expenses to operating revenue.
		General expense.	Operating expense.	Current repairs.	Miscellaneous.	Reconstruction and deferred repairs.		
Abbotsford.....	Abbotsford Electric Light & Tel. Co.....	3.01	96.99				100.00	50.10
Albany.....	The United Tel. Co.....	18.64	52.99	9.57	9.07	9.73	100.00	39.69
Algoma.....	Wisconsin Tel. Co.....	18.40	44.37	31.67	3.11	13.55	100.00	71.55
Alma.....	The Fountain City Tel. Co.....		83.74	16.26			100.00	114.40
Almond.....	The Almond Tel. Co.....	31.93	22.68		7.84	37.55	100.00	89.84
Amery.....	The Amery Electric Co.....	31.80	42.03	15.65	61	9.88	100.00	81.02
Antigo.....	Antigo Tel. Co.....	2.07	47.39		3.19	47.35	100.00	63.46
Appleton.....	Fox River Valley Tel. & Telegraph Co.....	12.36	34.63	10.32		42.69	100.00	76.47
Appleton.....	Wisconsin Tel. Co.....	16.48	40.49	23.54	7.94	11.55	100.00	82.41
Argyle.....	Argyle Tel. Co.....	2.85	84.91		12.24		100.00	76.62
Ashland.....	North Wisconsin Toll Line.....	38.60	46.90	12.87	1.63		100.00	65.48
Ashland.....	Ashland Home Tel. Co.....	6.79	64.04	17.43	18	11.56	100.00	64.98
Ashland.....	Wisconsin Tel. Co.....	21.05	27.40	27.07	5.67	18.81	100.00	121.64
Athens.....	Athens Tel. Co.....	14.53	64.81	20.66			100.00	37.95
Augusta.....	J. L. Ball Tel. Co.....	2.47	86.96	10.57			100.00	85.28
Baldwin.....	Baldwin Tel. Exchange.....	16.47	50.63	32.90			100.00	42.62
Baraboo.....	Baraboo Tel. Co.....	18.08	73.55	3.99	3.97	.41	100.00	46.02
Bayfield.....	Wisconsin Tel. Co.....	24.97	39.00	32.47	8.52	14.96	100.00	82.42
Beaver Dam.....	Wisconsin Tel. Co.....	15.50	34.72	33.86	6.94	8.98	100.00	78.22
Belleville.....	Belleville Tel. Co.....	18.26	42.99	38.75			103.00	81.56
Beloit.....	Beloit Home Tel. Co.....	12.68	38.02	24.35	3.40	21.55	100.00	80.68
Beloit.....	Wisconsin Tel. Co.....	17.69	34.69	29.62	6.37	11.63	100.00	86.50
Berlin.....	Waushara Tel. Co.....	17.49	21.28	32.75	1.21	22.37	100.00	85.28
Birnamwood.....	Birnamwood Tel. Co.....		83.98		8.85	7.17	100.00	41.37
Blanchardville.....	The United Tel. Co.....	18.63	55.56	7.91	4.05	13.85	100.00	68.43

¹ Excess of deductions from reserve over appropriations from revenues.

TABLE VI.—TELEPHONE COMPANIES, 1907.—Continued.
Ratios of Operating Data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Total.	Percentage of operating expenses to operating revenue.
		General expense.	Operating expense.	Current repairs.	Miscellaneous.	Reconstruction and deferred repairs.		
Bloomer	Bloomer Tel. Co.	14.74	57.18	28.08			100.00	44.50
Boscobel	Boscobel Tel. Co.	32.74	20.76	32.59	5.01	8.90	100.00	97.58
Bristol	Bristol Tel. Co.	13.93	52.42	9.14		24.51	100.00	65.05
Brodhead	Brodhead Tel. Co.	12.45	42.67	23.28	.36	21.24	100.00	125.20
Brookfield	Wisconsin Tel. Co.	10.29	37.81	11.33	4.77	35.80	100.00	
Brooklyn	Brooklyn Tel. Co.	9.07	90.16		.77		100.00	55.36
Bruce	Chippewa Valley Tel. Co.	19.61	33.81	28.40	5.21	12.97	100.00	77.74
Burlington	Burlington, Brighton & Wheatland Tel. Co.	22.26	43.82	21.97	11.95		100.00	39.97
Burlington	Wisconsin Tel. Co.	19.65	43.59	36.45	7.73	17.43	100.00	85.94
Burnett Jct.	Wisconsin Tel. Co.	12.14	40.44	17.75	4.10	25.57	100.00	135.70
Cambridge	Cambridge Tel. Co.	2.05	87.60	10.35			100.00	94.35
Cedarburg	Wisconsin Tel. Co.	16.67	45.55	10.35	10.87	16.56	100.00	70.64
Cedar Grove	Cedar Grove Tel. Co.	28.20	54.69	7.01	10.10		100.00	63.22
Chippewa Falls	Wisconsin Tel. Co.	17.01	37.39	30.62	7.44	7.54	100.00	69.69
Chippewa Falls	Chippewa County Tel. Co.	27.18	25.45	5.05		42.32	100.00	69.64
Clinton	Clinton Tel. Co.	9.68	69.33	20.99			100.00	41.97
Columbus	Wisconsin Tel. Co.	15.90	36.92	33.94	6.58	6.66	100.00	89.55
Corliss	Wisconsin Tel. Co.	11.71	40.85	10.98	3.08	33.38	100.00	206.10
Crandon	Crandon Tel. Co. ....	.54	40.62	56.84	2.00		100.00	122.89
Cumberland	Cumberland Tel. Co.	2.91	90.37		6.72		100.00	55.87
Darlington	Wisconsin Tel. Co.	19.08	47.13	25.16	6.60	2.03	100.00	95.16
Delavan	Wisconsin Tel. Co.	16.41	33.45	33.18	6.89	10.07	100.00	83.33
De Pere	Wisconsin Tel. Co.	14.12	32.80	29.66	5.53	17.89	100.00	90.85
De Pere	Fox River Valley Tel. & Telegraph Co.	5.17	64.68	19.83		10.32	100.00	118.46
Dorchester	Lapp & Sturmer Tel. Co.	5.56	54.90	9.20	30.34		100.00	124.08

¹ Excess of deductions from reserve over appropriations from revenues.

Eagle.....	Eagle Tel. Co.....	11.50	19.75	11.96	3.58	53.21	100.00	115.15
Eau Claire.....	Wisconsin Tel. Co.....	17.64	30.18	31.02	9.29	11.87	100.00	80.69
Eleva.....	Shaw Tel. Co.....	42.49	18.65	12.95	25.91		100.00	78.77
Elkhorn.....	Wisconsin Tel. Co.....	20.91	43.76	39.81	6.37	10.84	100.00	132.56
Elkhorn.....	The State Long Distance Tel. Co.....	.28	48.87	4.47		46.38	100.00	58.62
Ellsworth.....	Pierce County Tel. Co.....	40.91	45.31	13.44	.34		100.00	77.28
Florence.....	Michigan State Tel. Co.....	8.61	36.99	28.45	7.85	18.10	100.00	90.61
Fond du Lac.....	Wisconsin Tel. Co.....	17.22	37.24	26.67	9.16	9.71	100.00	59.42
Fort Atkinson.....	Wisconsin Tel. Co.....	22.06	55.21	20.93	7.55	15.75	100.00	188.90
Fountain City.....	Fountain City Tel. Co.....	22.22	34.45	36.81		6.52	100.00	101.11
Frankville.....	Frankville Tel. Co.....	14.46	32.66	27.80	25.08		100.00	92.28
Frederic.....	The Tri-State Tel. & Telegraph Co.....	15.86	55.66	28.48			100.00	104.34
Freistadt.....	Cedarburg Tel. Co.....	59.30	40.70				100.00	48.47
Genoa Jct.....	Wisconsin Tel. Co.....	18.49	28.01	40.67	6.49	6.34	100.00	87.70
Glenwood.....	West Wisconsin Tel. Co.....	25.75	64.66	1.74	4.72	3.12	100.00	70.95
Glidden.....	Glidden Tel. Co.....	37.16	47.38	3.81	11.65		100.00	96.87
Grafton.....	Grafton Tel. Co.....	18.84	31.95		11.49	37.72	100.00	66.20
Grand Rapids.....	Wisconsin Tel. Co.....	23.60	48.96	4.88		15.14	100.00	240.10
Grand Rapids.....	Wood County Tel. Co.....	41.31		58.69			100.00	130.20
Grantsburg.....	The Tri-State Tel. & Telegraph Co.....	16.24	61.05	22.71			100.00	49.99
Green Bay.....	Wisconsin Tel. Co.....	16.64	33.37	24.74	10.13	15.12	100.00	85.02
Green Bay.....	Brown County Tel. Co.....	64.92		5.40	29.68		100.00	48.57
Green Bay.....	Fox River Valley Tel. & Telegraph Co.....	3.61	58.52	11.67		26.20	100.00	91.89
Green Lake.....	Wisconsin Tel. Co.....	15.74	35.24	19.94	9.18	20.00	100.00	84.14
Glenwood.....	Greenwood Tel. Co.....	45.26	32.22	6.75	15.77		100.00	116.40
Hartford.....	Wisconsin Tel. Co.....	14.17	37.85	14.75	6.96	26.27	100.00	99.04
Hartland.....	Wisconsin Tel. Co.....	17.80	48.61	26.69	7.68	1.77	100.00	95.84
Hillsboro.....	Hillsboro Tel. Co.....	1.09	36.23	8.97	1.37	52.34	100.00	85.05
Hixton.....	Central Wisconsin Tel. Co.....	12.94	50.31	35.14	1.61		100.00	44.73
Horicon.....	Wisconsin Tel. Co.....	14.56	47.23	14.59	7.50	16.12	100.00	82.57
Hortonville.....	Wisconsin Tel. Co.....	17.31	46.18	26.94	5.97	3.60	100.00	88.20
Hudson.....	The Northwestern Tel. Exchange.....	15.66	29.26	17.07	10.89	27.12	100.00	107.52
Hurley.....	Wisconsin Tel. Co.....	22.63	39.36	37.97	7.43	17.39	100.00	70.75
Iron River.....	Wisconsin Light & Power Co.....	26.01	53.18	2.45		18.36	100.00	85.63
Janesville.....	Wisconsin Tel. Co.....	18.08	39.72	26.41	6.52	9.27	100.00	87.33
Jefferson.....	Wisconsin Tel. Co.....	18.06	36.52	39.99	5.88	1.45	100.00	98.49
Juneau.....	Wisconsin Tel. Co.....	16.83	58.16	15.26	6.70	3.05	100.00	112.60
Kaukauna.....	Wisconsin Tel. Co.....	12.37	35.76	19.74	4.88	27.25	100.00	112.22
Kenosha.....	Home Tel. Co.....	5.65	34.24	27.10	6.44	26.57	100.00	85.65
Kewaunee.....	Wisconsin Tel. Co.....	12.50	29.80	21.15	6.42	30.15	100.00	108.41

¹ Excess of deductions from reserve over appropriations from revenues.

TABLE VI.—TELEPHONE COMPANIES, 1907—Continued.
Ratios of operating data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Total.	Percent- age of operating expenses to operating revenue.
		General expenses.	Operating expenses.	Current repairs.	Miscella- neous.	Recon- struction and deferred repairs.		
Kilbourn.....	Farmers' Inter-County Mutual Tel. Co.....	4.33	61.86		1.60	32.21	100.00	81.89
Knapp.....	Knapp Tel. Co.....		88.11		11.89		100.00	31.33
La Crosse.....	Wisconsin Tel. Co.....	17.05	29.54	29.87	8.08	15.46	100.00	98.92
La Crosse.....	La Crosse Tel. Co.....	31.08	48.54	20.38			100.00	55.46
La Farge.....	La Farge Tel. Co.....	5.17	74.16			20.67	100.00	94.38
Lake Geneva.....	Wisconsin Tel. Co.....	14.88	31.92	33.69	5.19	14.32	100.00	99.51
Lake Mills.....	Interurban Tel. Co.....	35.82	53.00	9.32	.41	1.45	100.00	53.02
Lancaster.....	Wisconsin Tel. Co.....	14.57	42.66	24.37	6.10	12.30	100.00	93.10
Lima Center.....	Wisconsin Tel. Co.....	16.05	15.24	43.41	5.93	19.37	100.00	88.82
Loyal.....	Loyal Tel. Co.....	15.89	79.83	4.28			100.00	74.26
Madison.....	Wisconsin Tel. Co.....	14.27	28.82	22.54	7.68	26.69	100.00	144.75
Madison.....	Dane County Tel. Co.....	12.32	51.36	14.70	.10	21.52	100.00	63.64
Manitowoc.....	Wisconsin Tel. Co.....	11.55	35.26	10.60	7.65	34.94	100.00	76.47
Mapleton.....	The Badger Tel. Co.....	10.88	75.98	8.05		5.09	100.00	82.72
Marinette.....	Wisconsin Tel. Co.....	14.42	35.66	19.17	8.06	22.69	100.00	67.51
Markesan.....	Markesan Tel. Co.....	15.56	59.34	12.16	10.51	2.43	100.00	42.20
Mayville.....	Wisconsin Tel. Co.....	21.89	39.04	38.30	8.51	17.74	100.00	83.56
Mazomanie.....	Mazomanie Tel. Co.....	26.58	19.87	33.63	1.81	18.11	100.00	80.28
McFarland.....	Peoples Tel. Co. of Dane County.....	1.67	25.31	10.45	2.04	59.53	100.00	176.37
Menomonee Falls	Menomonee Falls Tel. Co.....	18.40	47.16	19.20	15.24		100.00	82.34
Menomonie.....	Wisconsin Tel. Co.....	17.09	30.28	32.23	6.91	13.49	100.00	76.99
Merrill.....	Merrill Tel. Co.....	3.39	67.96	14.43	3.39	10.83	100.00	69.53
Milton.....	Milton & Milton Junction Tel. Co.....	1.88	80.92	17.20			100.00	43.39
Milwaukee.....	Wisconsin Tel. Co.....	14.10	36.20	20.91	10.01	18.78	100.00	71.40
Milwaukee.....	Badger Telegraph & Tel. Co.....	58.33		32.46	7.33	1.88	100.00	67.18
Mineral Point.....	Mineral Point Tel. Co.....	18.97	49.22	26.26	5.55		100.00	56.98
Monroe.....	Monroe Tel. Co.....		55.71	44.29			100.00	64.70

¹ Excess of deductions from reserve over appropriations from revenues.

Monroe.....	The United Tel. Co.....	22.74	58.04	10.69	4.66	3.87	100.00	27.66
Monticello.....	The United Tel. Co.....	29.65	33.21	10.77	4.53	21.84	100.00	81.91
Morrisonville.....	Columbia County Tel. Co.....	58.48	35.89	5.63	.....	.....	100.00	40.06
Neenah-Menasha.....	Wisconsin Tel. Co.....	14.90	33.52	26.76	9.43	15.34	100.00	61.52
Neillsville.....	Badger State Telegraph & Tel. Co.....	20.77	48.80	27.40	3.03	.....	100.00	55.12
New London.....	Wisconsin Tel. Co.....	18.50	50.10	30.00	6.61	15.21	100.00	99.93
New London.....	Fox River Valley Tel. & Telegraph Co.....	2.42	36.07	25.21	.....	36.30	100.00	401.25
Norwalk.....	Monroe County Tel. Co.....	7.94	32.84	13.84	3.62	41.76	100.00	57.70
Oakfield.....	Oakfield Tel. Co.....	7.68	31.69	34.36	5.13	21.14	100.00	62.92
Oconomowoc.....	Wisconsin Tel. Co.....	13.36	30.54	27.17	7.09	21.84	100.00	86.57
Oconto.....	Wisconsin Tel. Co.....	18.32	40.28	41.18	6.62	16.40	100.00	95.94
Oconto Falls.....	Wisconsin Tel. Co.....	18.82	53.70	25.99	8.64	17.15	100.00	75.76
Omro.....	Wisconsin Tel. Co.....	13.59	31.33	5.23	6.06	43.79	100.00	93.51
Oshkosh.....	Wisconsin Tel. Co.....	15.42	30.43	26.53	9.78	17.84	100.00	79.04
Peshigo.....	Wisconsin Tel. Co.....	19.54	14.29	63.83	11.47	19.13	100.00	68.92
Picketts.....	Utica Tel. Co.....	46.73	23.08	17.09	13.10	.....	100.00	52.69
Portage.....	Portage Tel. Co.....	3.73	51.99	14.52	29.76	.....	100.00	54.40
Port Washington.....	Wisconsin Tel. Co.....	16.43	42.21	21.47	6.91	12.98	100.00	107.95
Poynette.....	Poynette Tel. Co.....	.....	77.34	22.66	.....	.....	100.00	94.76
Prairie du Chien..	Union Tel. Co.....	2.88	62.45	34.67	.....	.....	100.00	95.55
Princeton.....	Wisconsin Tel. Co.....	19.61	49.38	14.99	6.81	9.21	100.00	130.97
Racine.....	Wisconsin Tel. Co.....	14.22	28.14	27.35	7.23	23.06	100.00	124.15
Racine.....	Citizens' Tel. Co.....	19.45	52.70	27.85	.....	.....	100.00	45.28
Rhineland.....	Mutual Tel. Co.....	4.00	69.98	20.76	5.26	.....	100.00	53.85
Rio.....	Peoples Tel. Co. of Wycocena.....	1.94	75.39	17.30	5.37	.....	100.00	63.00
Ripon.....	Ripon Tel. Co.....	3.14	80.38	8.66	.....	7.82	100.00	69.29
River Falls.....	Pierce County Tel. Co.....	1.32	63.94	27.61	.31	6.82	100.00	63.34
Roberts.....	Pierce County Tel. Co.....	4.08	95.15	.77	.....	.....	100.00	43.00
Rochester.....	Burlington, Rochester & Kansasville Tel. Co.....	15.60	39.52	21.19	23.69	.....	100.00	51.92
Rosendale.....	Rosendale Tel. Co.....	16.54	64.82	11.33	7.31	.....	100.00	52.66
St. Martins.....	Wisconsin Tel. Co.....	13.45	53.42	14.78	3.56	14.79	100.00	190.33
Seymour.....	Shiocton Tel. Co.....	13.39	49.01	14.73	22.87	.....	100.00	111.60
Sharon.....	Sharon Tel. Co.....	1.47	81.18	11.47	.....	5.88	100.00	48.25
Shawano.....	Wisconsin Tel. Co.....	18.22	46.52	27.36	8.38	1.48	100.00	80.32
Sheboygan.....	Citizens' Tel. Co.....	14.04	24.29	11.94	2.78	42.95	100.00	72.05
Shiocton.....	Shiocton Tel. Co.....	8.06	58.72	9.50	23.72	.....	100.00	88.22
Shullsburg.....	Wisconsin Tel. Co.....	19.53	50.75	26.47	6.52	14.18	100.00	104.18
South Milwaukee.....	Wisconsin Tel. Co.....	11.07	30.16	19.10	6.52	33.15	100.00	90.91
Sparta.....	Monroe County Tel. Co.....	14.76	26.64	32.83	5.91	19.86	100.00	45.86

¹ Excess of deductions from reserve over appropriations from revenues.

TABLE VI.—TELEPHONE COMPANIES, 1907—Concluded.

Ratios of operating data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Total.	Percent- age of operating expenses to operating revenue.
		General expenses.	Operating expenses.	Current repairs.	Miscella- neous.	Recon- struction and deferred repairs.		
Stanley.....	Wisconsin Tel. Co.....	20.61	47.33	34.74	7.26	19.94	100.00	79.71
Stevens Point.....	Wisconsin Tel. Co.....	18.98	43.29	37.63	7.30	2.80	100.00	75.55
Stoughton.....	Wisconsin Tel. Co.....	15.45	33.54	34.00	8.15	8.83	100.00	65.36
Sturgeon Bay.....	Wisconsin Tel. Co.....	15.90	37.01	32.22	6.57	8.30	100.00	90.89
Sun Prairie.....	Interurban Tel. Co.....	32.66	44.19	19.92	.58	2.65	100.00	51.48
Superior.....	Douglas County Tel. Co.....	13.98	39.88	21.53	6.73	17.88	100.00	75.60
Superior.....	Peoples' Tel. Co.....	25.36	41.48	33.18	.....	.....	100.00	49.91
Tomahawk.....	Electric, Water & Tel. Co.....	19.11	37.02	24.48	.....	10.57	100.00	74.11
Turtle Lake.....	City Tel. Co.....	2.04	50.94	21.39	18.84	6.79	100.00	50.39
Viroqua.....	Viroqua Tel. Co.....	2.32	27.10	3.00	4.52	63.06	100.00	111.20
Washburn.....	Wisconsin Tel. Co.....	20.61	43.71	26.26	5.50	3.92	100.00	124.57
Washburn.....	Bayfield County Tel. Co.....	10.00	78.93	11.05	.02	.....	100.00	72.19
Waterloo.....	Interurban Tel. Co.....	39.37	46.73	10.24	.45	3.21	100.00	53.90
Watertown.....	Wisconsin Tel. Co.....	17.83	46.63	26.77	7.78	.99	100.00	75.47
Waukesha.....	Wisconsin Tel. Co.....	15.14	39.80	23.69	7.01	14.36	100.00	83.42
Waunakee.....	Waunakee Tel. Co.....	50.82	41.76	7.42	.....	.....	100.00	76.30
Waupun.....	Wisconsin Tel. Co.....	20.91	40.61	37.62	8.85	17.99	100.00	79.03
Wausaukee.....	Wausaukee Tel. Co.....	8.67	76.66	9.61	5.06	.....	100.00	71.43
West Bend.....	Wisconsin Tel. Co.....	16.56	41.56	15.27	8.05	18.56	100.00	82.02
Westby.....	Westby Tel. Co.....	23.54	66.36	10.10	.....	.....	100.00	45.73
Whitewater.....	Wisconsin Tel. Co.....	16.25	36.27	33.98	6.29	7.21	100.00	91.32
Winneconne.....	Wisconsin Tel. Co.....	19.18	46.53	33.68	8.57	17.96	100.00	109.97
Wittenberg.....	Wittenberg Tel. Co.....	2.25	76.21	10.06	11.48	.....	100.00	95.69
Wrightstown.....	Fox River Valley Telegraph & Tel. Co.....	2.33	77.26	10.06	.....	10.35	100.00	-100.60

¹ Excess of deductions from reserve over appropriations from revenues.

WISCONSIN TELEPHONE COMPANY.

Detailed Statement of Construction Cost as of January 1, 1908.

Exchange.	Cost.	Exchange.	Cost.
Algoma	\$6,329 42	Forwarded.....	\$1,347,757 09
Appleton	51,081 20	Lima Center.....	7,917 97
Ashland.....	65,413 53	Madison.....	266,223 46
Bayfield.....	7,571 77	Manitowoc.....	73,052 73
Beaver Dam.....	47,984 07	Marinette.....	68,183 28
Brookfield.....	7,166 18	Mayville.....	6,600 67
Burlington.....	14,950 33	Menomonie.....	54,863 24
Burnett Junction.....	6,562 34	Milwaukee.....	2,792,012 60
Cedarburg.....	3,038 18	Neenah.....	89,239 28
Chippewa Falls.....	40,593 18	New London.....	10,780 80
Columbus.....	20,165 57	Oconomowoc.....	43,143 58
Corliss.....	6,991 58	Oconto.....	19,860 07
Darlington.....	8,778 03	Oconto Falls.....	2,189 53
Delavan.....	31,955 57	Omro.....	15,061 74
DePere.....	43,484 90	Oshkosh.....	208,839 01
Eau Claire.....	127,450 05	Peshigo.....	6,795 76
Elkhorn.....	6,562 49	Port Washington...	12,614 65
Fond du Lac.....	104,748 24	Princeton.....	2,950 28
Fort Atkinson.....	2,080 23	Racine.....	222,538 32
Genoa Junction.....	16,181 61	St. Martins.....	5,572 18
Green Bay.....	184,421 70	Shawano.....	10,382 28
Green Lake.....	3,458 79	Shullsburg.....	4,489 22
Hartford.....	15,904 49	South Milwaukee..	27,721 47
Hartland.....	5,517 96	Stanley.....	5,790 80
Horicon.....	4,585 62	Stevens Point.....	30,802 07
Hortonville.....	10,353 12	Stoughton.....	29,889 06
Hurley.....	10,825 85	Sturgeon Bay.....	32,335 14
Janesville.....	59,670 50	Washburn.....	10,509 40
Jefferson.....	15,413 76	Watertown.....	27,139 03
Juneau.....	2,930 84	Waukesha.....	65,250 12
Kaukauna.....	37,234 99	Waupun.....	9,034 97
Kewaunee.....	11,266 78	West Bend.....	11,092 19
LaCrosse.....	181,759 38	Whitewater.....	23,432 53
Lake Geneva.....	74,362 85	Winneconne.....	1,216 03
Lancaster.....	10,961 99		
Forwarded.....	\$1,347,757 09	Total.....	\$5,445,280 55

Total exchange systems.....	\$5,445,280 55
Total toll system.....	1,768,376 55
Total undistributed.....	1,022,241 30
Total cost.....	\$8,235,898 40

TABLES SHOWING NAMES OF UTILITIES NOT HAVING REPORTED, OR FURNISHING INCOMPLETE REPORTS.

The following utilities submitted reports which, although representing the best efforts of the officials, were so incomplete as to prevent their being tabulated on a uniform plan.

Electric Companies.

Benton Electric Light Co.....	Benton, Wis.
Blanchardville Electric Light Plant.....	Blanchardville, Wis.
Cadott Light & Power Co.....	Cadott, Wis.
Cassville Municipal Light & Water Co.....	Cassville, Wis.
Delavan Light & Power Co.....	Delavan, Wis.
Eagle River Light & Power Co.....	Eagle River, Wis.
Genoa Jct. Electric Light Co.....	Genoa Jct., Wis.
Hazel Green Municipal Electric Light & Water Co.....	Hazel Green, Wis.
Twin City General Electric Co.....	Hurley, Wis.
Lodi Electric Light Plant.....	Lodi, Wis.
Merrillan Electric Light Plant.....	Merrillan, Wis.
Colby-Abbott Building Co.....	Milwaukee, Wis.
Muscoda Light & Power Co.....	Muscoda, Wis.
Neshkoro Milling Co.....	Neshkoro, Wis.
The Peshigo Lumber Co.....	Peshigo, Wis.
Phillips Light, Water & Power Co.....	Phillips, Wis.
Prairie du Sac Electric Light Plant.....	Prairie du Sac, Wis.
Reedsburg Municipal Light & Water Works.....	Reedsburg, Wis.
Rio Electric Light Plant.....	Rio, Wis.
Shawano Municipal Light & Water Works.....	Shawano, Wis.
Sun Prairie Electric Light & Laundry Co.....	Sun Prairie, Wis.
The C. A. Goodyear Lumber Co.....	Tomah, Wis.
Tomahawk Electric, Water & Telephone Co.....	Tomahawk, Wis.
Waupaca Electric Light & Railway Co.....	Waupaca, Wis.
Wausau City Electric Light Plant.....	Wausau, Wis.
Whitehall Electric Light & Water Works.....	Whitehall, Wis.

Water Companies.

Baldwin Municipal Water Works.....	Baldwin, Wis.
Hussa Bros. Electric Light & Power Co.....	Bangor, Wis.
Blanchardville Water Works.....	Blanchardville, Wis.
Bloomer Water Works.....	Bloomer, Wis.
Cassville Municipal Light & Water Works.....	Cassville, Wis.
Wisconsin Engine Co.....	Corliss, Wis.
Eagle River Light & Water Co.....	Eagle River, Wis.
Hazel Green Municipal Light & Water Co.....	Hazel Green, Wis.
Hillsboro Water Works.....	Hillsboro, Wis.
Mauston Municipal Water Works.....	Mauston, Wis.
Milton Jct. Water Works.....	Milton Jct., Wis.
Neillsville Municipal Water Works.....	Neillsville, Wis.
Phillips Water, Light & Power Co.....	Phillips, Wis.
Sharon Municipal Water Works.....	Sharon, Wis.
Shawano Municipal Light & Water Works.....	Shawano, Wis.
Shullsburg Water Works.....	Shullsburg, Wis.
South Milwaukee Municipal Water Works.....	South Milwaukee, Wis.
Spring Valley Water Works.....	Spring Valley, Wis.
Whitehall Light & Water Works.....	Whitehall, Wis.

The following utilities failed to make any report to the Commission, because no system of accounts had been kept which would permit making a satisfactory statement.

Electric Companies.

Colby Electric Light Plant.....	Colby, Wis.
Florence Electric Light Plant.....	Florence, Wis.
Greenwood Electric Light Plant.....	Greenwood, Wis.
Hayward Electric Light & Power Co.....	Hayward, Wis.
Oconto Falls Electric Light Plant.....	Oconto Falls, Wis.
Pewaukee Electric Co.....	Pewaukee, Wis.
Prescott Electric Light Co.....	Prescott, Wis.
Rib Lake Electric Light Plant.....	Rib Lake, Wis.
Spring Valley Light & Power Co.....	Spring Valley, Wis.
Thorpe Electric Light & Water Works.....	Thorpe, Wis.
Waterloo Electric Light Plant.....	Waterloo, Wis.

Gas Companies.

Sharon Gas Plant..... Sharon, Wis.

Water Works.

Blair Municipal Water Works..... Blair, Wis.
 Florence Municipal Water Works..... Florence, Wis.
 Glidden Municipal Water Works..... Glidden, Wis.
 Hurley Water Works..... Hurley, Wis.
 Independence Water Works..... Independence, Wis.
 Mayville Water Works..... Mayville, Wis.
 Minocqua Water Works..... Minocqua, Wis.
 New Glarus Municipal Electric Light & Water Co..... New Glarus, Wis.
 North Freedom Water Works..... North Freedom, Wis.
 Thorpe Water Works..... Thorpe, Wis.

The following utilities failed to file schedules of rates, tolls and charges, together with their rules and regulations, as required by statute and requested by the Commission.

Electric Companies.

Colby Electric Light & Power Co..... Colby, Wis.
 Oconto Falls Electric Light Plant..... Oconto Falls, Wis.
 Rib Lake Electric Light Plant..... Rib Lake, Wis.
 Spring Valley Light & Power Co..... Spring Valley, Wis.
 Withee Electric Light Plant..... Withee, Wis.

Gas Companies.

Monroe Gas Co..... Monroe, Wis.
 Sharon Gas Co..... Sharon, Wis.

Water Companies.

Beaver Dam Water Co..... Beaver Dam, Wis.
 Black River Falls Water Co..... Black River Falls, Wis.
 Blanchardville Water Works..... Blanchardville, Wis.
 Cumberland Municipal Water Works..... Cumberland, Wis.
 Darlington Municipal Water Works..... Darlington, Wis.
 Ft. Atkinson Municipal Water Works..... Ft. Atkinson, Wis.
 Glidden Municipal Water Works..... Glidden, Wis.
 Hazel Green Electric Light & Water Works..... Hazel Green, Wis.
 Hurley Water Co..... Hurley, Wis.
 Independence Water Works..... Independence, Wis.
 Iron River Water, Light & Power Co..... Iron River, Wis.
 Juneau Municipal Water Works..... Juneau, Wis.
 Lodi Water Works..... Lodi, Wis.
 Mayville Water Works..... Mayville, Wis.
 Merrillan Water Works..... Merrillan, Wis.
 Milton Jct. Water Works..... Milton Jct., Wis.
 New Glarus Electric Light & Water Works..... New Glarus, Wis.
 New London Municipal Water Works..... New London, Wis.
 Port Washington Water & Light Plant..... Port Washington, Wis.
 Shullsburg Water Works..... Shullsburg, Wis.
 Soldiers Grove Municipal Water Works..... Soldiers Grove, Wis.
 Spooner Water & Light Plant..... Spooner, Wis.
 Thorpe Water Works..... Thorpe, Wis.
 Union Grove Water Works..... Union Grove, Wis.
 Wauwatosa Water Works..... Wauwatosa, Wis.

TABLE VII.—TABLE OMITTED FROM INTRODUCTION.

(See page 60.)

Total Number of Service Connections and of Discriminations by Water Companies (or Municipal Plants).

LOCATION OF UTILITY.	CHARACTER OF UTILITY.	SERVICE AT LESS THAN SCHEDULE RATES.			Total number of service connections.
		To municipality.		To private consumers.	
		Number of buildings.	Hydrants, fountains, etc.		
Algoma.....	Municipal....	No report....	No report.....	4	162
Ashland.....	Municipal....	11	249	3	2,298
Bangor.....	Private.....	No report....	No report.....	9	.....
Baraboo.....	Municipal....	No report....	No report.....	6	1,091
Bayfield.....	Municipal....	2	42	.....	.....
Beloit.....	Private.....	18	8	1	1,459
Burlington.....	Municipal....	No report....	70	25	456
Chippewa Falls..	Private.....	7	26	.....	.....
Clinton.....	Municipal....	1	No report.....	.....	.....
Columbus.....	Municipal....	All free.....	All free.....	3	264
Cumberland.....	Municipal....	No report....	No report.....	20	794
Eau Claire.....	Private.....	16	257	8	2,609
Edgerton.....	Municipal....	2	2	.....	.....
Ellsworth.....	Municipal....	No report....	No report.....	1	92
Evansville.....	Municipal....	No report....	No report.....	2	230
Iron River.....	Private.....	No report....	No report.....	2	211
Janesville.....	Private.....	All free.....	All free.....	5 ¹	2,719
Jefferson.....	Municipal....	No report....	No report.....	4	349
Kenosha.....	Municipal....	All free.....	All free.....	(¹)	3,576
La Crosse.....	Municipal....	All free.....	All free.....	11	4,812
Lancaster.....	Municipal....	(¹)	(¹)	25	465
Lake Mills.....	Municipal....	No report....	No report.....	1	456
Lodi.....	Municipal....	2	229	7	191
Madison.....	Municipal....	226	All free ⁴	216	4,474
Manitowoc.....	Private.....	No report....	No report.....	54	1,871
Marshfield.....	Municipal....	6	2	2	343
Monroe.....	Municipal....	No report....	No report.....	1	461
Neillsville.....	Municipal....	None ³	None ³	3	261
Oconto.....	Private.....	No report....	No report.....	10	1,032
Onalaska.....	Municipal....	All free.....	All free.....	.....	.....
Oshkosh.....	Private.....	All free.....	All free, par's too	11	975
Reedsburg.....	Municipal....	3	53	2	475
Richland Center.	Municipal....	All free.....	All free.....	25	468
Ripon.....	Private.....	4	All free.....	10	853
Shullsburg.....	Municipal....	1	No report.....	.....	.....
Spooner.....	Municipal....	No report....	No report.....	1	132
Stoughton.....	Municipal....	No report....	All free.....	1	690
Tomah.....	Municipal....	2	61	5	496
Two Rivers.....	Municipal....	1	Parks free.....	1	445
Viroqua.....	Municipal....	No report....	No report.....	25	2,000
Washburn.....	Private.....	All free.....	All free.....	12	545
Waupun.....	Municipal....	4	No report.....	1	412

¹ Churches, schools, etc., get free water.² Approximately.³ City charges itself for water.⁴ Water given free for cement work and street work.⁵ Employees also receive free water.

TABLE XI.—TABLE OMITTED FROM INTRODUCTION.

(See page 63).

Total Number of Consumers Supplied with Electric Service at Other Than Schedule Rates.

LOCATION.	NAME OF UTILITY.	NUMBER OF CONSUMERS.			Total number of consumers. (Commercial lighting.)
		At reduced rates.	Free.	Total	
Amery.....	Amery Electric Co.....	7	2	9	57
Antigo.....	Antigo Electric Light Plant.....	6	1	7	504
Appleton.....	Wisconsin Traction, L. H. & Power Co.....	2	2	4	1,360
Ashland.....	Ashland Light, Power & St. Ry. Co.....	9	(2)	9	652
Athens.....	Athens Electric Light & Power Co.....	(2)	17	17	89
Algoma.....	Electric Light Plant.....	(2)	2	2	126
Baldwin.....	Baldwin Electric Light & Fuel Co.....	1	2	3	92
Bangor.....	Hussa Brothers Co.....	3	11	14	63
Baraboo.....	Baraboo Lighting Co.....	(2)	2	2	272
Bayfield.....	Bayfield Light, Power & Water Plant.....	4	(2)	4	190
Beaver Dam.....	Beaver Dam Light and Power Co.....	6	1	7	369
Beloit.....	Beloit Water, Gas & Electric Co.....	10	(2)	10	176
Bloomer.....	Bloomer Electric Light Plant.....	31	1	32	80
Boyd.....	Charles Shong & Co.....	2	(2)	2	34
Brodhead.....	Brodhead Electric Co.....	2	(2)	2	350
Burlington.....	Burlington Electric Light & Power Co.....	24	11	35	365
Cassville.....	Village of Cassville.....	21	(2)	21	68
Chetek.....	Chetek Light & Power Co.....	1	1	2	110
Chippewa Falls.....	Chippewa Falls Water Works & L. Co.....	1	(2)	1	356
Colby.....	City Light & Water Plant.....	(2)	1	1	58
Darlington.....	Darlington E. L. & W. P. Co.....	(2)	3	3	191
De Pere.....	De Pere Electric Light & Power Co.....	9	(2)	9	388
Durand.....	Durand Light & Power Co.....	39	3	42	99
Eau Claire.....	Chippewa Valley Ry., Light & Power Co.....	1	(2)	1	739
Evansville.....	Water & Light Department.....	10	(2)	10	180
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co.....	34	7	41	1,335
Frederick.....	Dahlberg Brothers.....	2	1	3	80
Galesville.....	Davis Mill Co.....	(2)	(2)	2	200
Grand Rapids.....	Electric & Water Co.....	(2)	3	3	650
Janesville.....	Janesville Electric Co.....	5	(2)	5	886
Jefferson.....	City Lighting Department.....	(2)	5	5	217
La Crosse.....	La Crosse Gas & Electric Co.....	127	(2)	127	2,930
Ladysmith.....	Ladysmith Lighting Co.....		(3)		250
LaFarge.....	LaFarge Electric Co.....	7	(2)	7	74
Madison.....	Madison Gas & Electric Co.....	100	(2)	100	3,069
Manitowoc.....	Electric Light Co.....	(2)	10	10	976
Marinette.....	Menominee & Marinette Light & T. Co.....	13	(2)	13	650
Marshfield.....	Marshfield Electric Light & Power Co.....	(2)	4	4	330
Merrill.....	Merrill Railway & Lighting Co.....	18	(2)	18	241
Merrillan.....	Electric Light Co.....	1	(2)	1	.....
Milwaukee.....	Milwaukee Electric Ry. & Light Co.....	35	(2)	35	16,324
Milwaukee.....	Plankinton Electric Light & Power Co.....	20	(2)	20	112
Milwaukee.....	Wells Power Co.....	24	(2)	24	475
Mineral Point.....	Mineral Point Electric Light Co.....	(2)	1	1	177
Montello.....	Montello Granite Co.....	3	(2)	3	35
Neillsville.....	Electric & Water Supply Co.....	1	(2)	1	.....
New Glarus.....	New Glarus E. L. & W. Co.....	(2)	3	3	.....
New Richmond.....	City Lighting Plant.....	2	(2)	2	230
New Richmond.....	New Richmond Power Co.....	1	(2)	1	2
North Milwaukee.....	North Milwaukee Light & Power Co.....	15	4	19	72

¹ Approximations.
² No report made.
³ No number given.

TABLE XI.—Concluded.

Total Number of Consumers Supplied with Electric Service at Other Than Schedule Rates.

LOCATION.	NAME OF UTILITY.	NUMBER OF CONSUMERS.			Total number of consumers. (Commercial lighting.)
		At reduced rates.	Free.	Total.	
North Freedom...	North Freedom Electric Light Co.....	2	(²)	2	28
Oconto.....	Oconto Electric Co.....	2	2	4	125
Osceola.....	Osceola Electric Light Co.....	1	(²)	1	43
Oshkosh.....	Oshkosh Gas Light Co.....	26	(²)	26	975
Port Washington.	Wisconsin Chair Co.....	1	(²)	1	198
Reedsburg.....	Reedsburg Water & Electric Co.....	(²)	12	12	364
Ripon.....	Ripon Light & Water Co.....	1	(²)	1	182
Seymour.....	S. L. Newell.....	27	(²)	27	90
Sparta.....	O. I. Newton & Sons.....	21	(²)	21	392
Spooner.....	Spooner Municipal Water & Light Plant..	1	(²)	1	130
Stanley.....	Northwestern Lumber Co.....	88	(²)	88	139
Stoughton.....	Municipal Electric Light System.....	¹ 10	2	¹ 12	366
Superior.....	Superior Water, Light & Power Co.....	2	(²)	2	1,826
Viroqua.....	Viroqua Electric Light Co.....	1	1	2	245
Walworth.....	H. T. Windsor Lighting Plant.....	15	(²)	15	77
Watertown.....	Watertown Gas & Electric Co.....	43	(²)	43	425
Waupaca.....	Waupaca Electric Light & Railway Co....	9	4	¹ 13	209
Wittenberg.....	Wittenberg Electric Co.....	4	(²)	4	81
Wycena.....	Duck Creek Light & Power Co.....	4	(²)	4	39

¹ Approximations.² No report made.

PART XII



Rules of Practice.

RULES OF PRACTICE BEFORE THE COMMISSION.

I.

PUBLIC SESSIONS.

The general sessions of the Commission for hearing contested cases will be held at its office in the capitol in the city of Madison, on such days and at such hour as the Commission may designate.

When special sessions are held at other places, such regulations as may be necessary will be made by the Commission.

Sessions for receiving, considering, and acting upon petitions, applications, and other communications, and also for considering and acting upon any business of the Commission other than the hearing of contested cases, will be held at its said office daily when the Commission is in Madison.

II.

PARTIES TO RAILROAD CASES.

Any person, firm, company, corporation or association, mercantile, agricultural or manufacturing society, body politic or municipal organization, or railroad, may complain to the Commission by petition, of anything done, or omitted to be done, in violation of the provisions of ch. 362, laws of 1905, as well as other laws of said state by any common carrier or carriers subject to the provisions of said act or other acts. Where a complaint relates to the rates or practices of a single carrier, no other carrier need be made a party, but if it relates to matters

in which two or more carriers, engaged in transportation by continuous carriage or shipment, are interested, the several carriers participating in such carriage or shipment are necessary parties respondent.

Where a complaint relates to rates or practices of carriers operating different lines, and the object of the proceeding is to secure correction of such rates or practices on each of said lines, all the carriers operating such lines must be made respondents.

When the line of a carrier is operated by a receiver or trustee, both the carrier and its receiver or trustee should be made respondents in cases involving transportation over such line.

Persons or carriers not parties may petition in any proceeding for leave to intervene and be heard therein. Such petition shall set forth the petitioner's interest in the proceeding. Leave granted on such application shall entitle the intervener to appear and be treated as a party to the proceeding, but no person, not a carrier, who intervenes in behalf of the defense, shall have the right to file an answer or otherwise become a party, except to have notice of and appear at the taking of testimony, produce and cross-examine witnesses, and be heard in person or by counsel on the argument of the case.

III.

PARTIES TO UTILITY CASES.

Any mercantile, agricultural or manufacturing society, or any body politic or municipal organization, or any twenty-five persons, firms, corporations or associations may complain to the Commission by petition that any of the rates, tolls or charges of any public utility are unreasonable, or anything done or omitted to be done by such utility in violation of the provisions of ch. 499, Laws of 1907, as well as other laws of this state. Where a complaint relates to the rules or rates of two or more utilities, the several utilities are necessary parties respondent.

Where any utility is operated by a receiver or trustee, both the utility and its receiver or trustee should be made respondents.

Parties or utilities not parties may petition in any proceeding for leave to intervene and be heard therein. Such petition shall set forth the petitioner's interest in the proceeding. Leave granted on such application shall entitle the intervener to appear and be treated as a party to the proceeding, but no person, not a utility, who intervenes in behalf of the defense, shall have the right to file an answer or otherwise become a party, except to have notice of and appear at the taking of testimony, produce and cross-examine witnesses, and be heard in person or by counsel on the argument of the case.

IV.

COMPLAINTS.

Complaints of unlawful rates, acts or practices by any common carrier or public utility, made in pursuance of sec. 12, ch. 362, Laws of 1905, or sec. 1797m—43, ch. 499, Laws of 1907, as well as other laws of this state, must be by petition or complaint, setting forth briefly the facts claimed to constitute a violation of the law. The name of the carrier or carriers, utility or utilities, complained against must be stated in full, and the address of the petitioner, with the name and address of attorney or counsel, if any, must appear upon the petition. The complainant must furnish as many copies of the petition as there may be parties complained against to be served. Complaints need not be verified except in case of a claim for a refund under sec. 1797—37u.

The Commission will cause a copy of the petition, with notice of investigation and to satisfy or answer the same within a specified time, to be served, personally or by mail in its discretion, upon each carrier or utility complained against.

V.

ANSWERS.

A carrier or utility complained against must answer within eight days from the date of service of the notice above pro-

vided for, but the Commission may, in a particular case, require the answer to be filed within a shorter time. The time prescribed in any case may be extended, upon good cause shown, by special order of the Commission. The original answer must be filed with the secretary of the Commission at its office in the city of Madison, and a copy thereof served, personally or by mail, upon the complainant, and the secretary notified forthwith of such service. The answer must specifically admit or deny the material allegations of the petition, and also set forth the facts which will be relied upon to support any such denial. Answers need not be verified, except in case of a claim for a refund under sec. 1797—37u. If a carrier or utility complained against shall make satisfaction before answering, a written acknowledgment thereof, showing the character and extent of the satisfaction given, must be filed by the complainant, and in that case the fact and manner of satisfaction, without other matter, may be set forth in the answer. If satisfaction be made after the filing and service of an answer, such written acknowledgment must also be filed by the complainant, and a supplemental answer setting forth the fact and manner of satisfaction must be filed by the carrier or utility.

In case of an investigation on motion of the Commission, the notice of investigation will take the place of a complaint in the proceeding. The answer will be served on the secretary of the Commission and this rule will apply so far as applicable.

VI.

NOTICE IN NATURE OF DEMURRER.

A carrier or utility complained against, who deems the petition or complaint insufficient to show a breach of legal duty, may, instead of answering or formally demurring, serve on the complainant notice of hearing on the petition; and in such case the facts stated in the petition will be deemed admitted. A copy of the notice must at the same time be filed with the secretary of the Commission. The filing of an answer, however, will not be deemed an admission of the sufficiency of the petition, but a motion to dismiss for insufficiency may be made at the hearing.

VII.

STIPULATION OF FACTS.

The parties to any proceeding or investigation before the Commission may, by stipulation in writing filed with the secretary, agree upon the facts, or any portion thereof involved in the controversy, which stipulation shall be regarded and used as evidence on the hearing. It is desired that the facts be thus agreed upon whenever practicable.

VIII.

HEARINGS ON COMPLAINT.

Upon issue being joined by the service of an answer or notice of hearing on the petition, the Commission will assign a time and place for hearing the case, which will be at its office in the city of Madison, unless otherwise ordered. Witnesses will be examined orally before the Commission, unless their testimony be taken or the facts be agreed upon as provided for in these rules. The complainants must in all cases establish the facts alleged to constitute a violation of the law, unless the carrier or utility complained against admits the same or fails to answer the petition. The carrier or utility must also prove facts alleged in the answer, unless admitted by the petitioner, and fully disclose its defense at the hearing.

In case of failure to answer, the Commission will take such proof of the facts as may be deemed proper and reasonable, and make such order thereon as the circumstances of the case appear to require.

Cases shall be argued orally upon submission of the testimony, unless a different time shall be agreed upon by the parties or directed by the Commission, but oral argument may be omitted in the discretion of the Commission.

IX.

HEARINGS ON VALUATION.

In case of valuation of a public utility, copies of the tentative valuation of the physical property of the utility made by the engineers of the Commission will be served on the parties in interest, and within eight days after the service of the same all parties intending to appear at the hearing on such valuation shall file, in duplicate, with the secretary of the Commission a statement, by way of answer, setting forth in detail the objections to such tentative valuation. The Commission may require the answer to be filed within a shorter time, or may, upon good cause shown, extend such time. The Commission will assign a time and place for a hearing on such valuation, which will be in its office in the city of Madison, unless otherwise ordered.

X.

DEPOSITIONS.

The testimony of any witness may be taken by deposition, at the instance of a party, in any proceeding or investigation before the Commission, and at any time after the same is at issue. The Commission may also order testimony to be taken by deposition in any proceeding or investigation pending before it, at any stage of such proceeding or investigation. Such depositions may be taken before any judge of any court of the United States, or any commissioner of a circuit, or any clerk of a district or circuit court, or any chancellor, justice, or judge of a supreme or superior court, mayor or chief magistrate of a city, judge of a county court or court of common pleas of any of the United States, or any notary public, not being of counsel or attorney to either of the parties, or otherwise interested in the proceeding or investigation, or, in case of complaint against a utility, by any person duly authorized by the Commission. The same notice of taking depositions that is required by the laws of Wisconsin in taking depositions in civil cases must be given in writing by the party or his attorney proposing to take such

deposition to the opposite party or his attorney of record, which notice shall state the name of the witness and the time and place of the taking of his deposition, and a copy of such notice shall be filed with the secretary.

When testimony is to be taken on behalf of a carrier or utility in any proceeding instituted by the Commission on its own motion, notice thereof, in writing, must be given by such carrier or utility to the Commission itself, or to such person as may have been previously designated by the Commission to be served with such notice.

Every person whose deposition is taken shall be sworn (or may affirm, if he so request) to testify the whole truth, and shall be carefully examined. His testimony shall be reduced to writing, which may be typewriting, by the magistrate taking the deposition, or under his direction, and shall, after it has been reduced to writing, be subscribed by the witness.

XI.

BRIEFS.

Briefs shall be filed by each party to the case, or by any party interested in the proceeding, setting forth the leading facts or conclusions which the evidence tends to prove, and referring to the particular part of the record relied upon to support such facts or conclusions. The brief on the part of the petitioner shall be filed within ten days after the receipt of the transcript of the testimony, and the brief on the part of the respondent within fifteen days after the receipt of such transcript, unless a different time shall be directed by the Commission. A copy of the brief filed on behalf of any party must at the same time be served upon the adverse party or parties, personally or by mail, and notice of such service filed with the secretary of the Commission. The time within which such briefs shall be filed will be determined by the Commission upon submission of the testimony. The Commission may, in its discretion, suspend this rule in any case.

XII.

RE-HEARINGS.

Applications for re-opening a case after final submission, or for re-hearing after decision made by the Commission, must be by petition, and must state specifically the grounds upon which the application is based. If such application be to re-open the case for further evidence, the nature and purpose of such evidence must be briefly stated, and the same must not be merely cumulative. If the application be for a re-hearing, the petition must specify the findings of fact and conclusions of law claimed to be erroneous, with a brief statement of the grounds of error; and when any recommendation, decision, or order of the Commission is sought to be reversed, changed or modified on account of facts and circumstances arising subsequent to the hearing, or of consequences resulting from compliance with such recommendation, decision or order which are claimed to justify a reconsideration of the case, the matters relied upon by the applicant must be fully set forth. Such petition must be duly verified, and a copy thereof, with notice of the time and place when the application will be made, must be served upon the adverse party at least ten days before the time named in such notice.

XIII.

WITNESSES AND SUBPOENAS.

Subpoenas requiring the attendance of witnesses from any place in the state of Wisconsin to any designated place of hearing, for the purpose of taking the testimony of such witnesses orally before one or more members of the Commission, or by deposition before a magistrate or person authorized to take the same, will, upon the application of either party, or upon the order of the Commission directing the taking of such testimony, be issued by any member of the Commission or any duly authorized agent of the Commission.

Subpoenas for the production of books, papers or documents

(unless directed to issue by the Commission upon its own motion) will only be issued upon application in writing. Applications to compel a party to the proceeding to produce books, papers or documents need only set forth in a general way the books, papers or documents desired to be produced, and that the applicant believes they will be of service in the determination of the case.

XIV.

WITNESS FEES.

Witness fees will be paid by the state to witnesses subpoenaed at the instance of the Commission or its duly authorized agent. Witness fees will be paid by the state to witnesses subpoenaed at the instance of parties other than the Commission or its duly authorized agent in the discretion of the Commission. No witness fees will be allowed except on subpoena.

XV.

APPLICATION FOR CERTIFICATE OF CONVENIENCE AND NECESSITY—RAILROAD.

Application for a certificate of public convenience and necessity shall give such history of the petitioner as shall be applicable; the route of proposed railroad, street railroad, or extension, giving the names of the cities, villages or towns in and through which it is to be constructed; the name of each railroad and street railroad with which the proposed construction is likely to compete; facts showing the proposed construction to be required by public convenience and a necessity; a statement of its financial condition and the manner in which it proposes to finance the proposed construction; all other facts deemed material by the petitioner.

The petition must be accompanied by complete maps and profiles, showing the location and route of the proposed construction, together with a general map, drawn to such scale as will show the location of all cities and villages within three miles

of the proposed construction; the proof of compliance with all conditions required by law precedent to such application.

A complete map is one which shows the line established by the location survey, with its tangent lines and connecting curves, the survey stationing, the boundaries and dimensions of the right of way, the property owners, land lines, highways, streets, railroads, water courses, and other prominent objects along the route, at such scale and in such detail as to enable the line to be readily identified and retraced on the ground, and the right of way to be described with certainty for condemnation or other purposes.

A complete profile is one which shows the profile of the line established by the location survey, with the grade line, the rates of grade, crossings of streams, highways and railroads, alignment notes, and such other data as may be required in making a reliable estimate of cost of construction or for other purposes.

The Commission will assign a time and place for the hearing of such application and the petitioner shall publish the notice of such hearing for two successive weeks in each county in which the road is proposed to be located, and file proof of publication with the Commission. Any person or corporation desiring to appear at such hearing in opposition to the granting of such application, must file with the secretary of the Commission written objections in duplicate, not less than five days prior to the date of such hearing. The Commission will hear testimony and arguments and, in its discretion, will allow errors, omissions or defects in the application, maps and profiles to be supplied and corrected, also changes in the proposed route, where the same are deemed desirable.

XVI.

APPROVAL OF PLANS AND SPECIFICATIONS.

Before commencing the construction of a railroad, such railroad company shall file with the Commission a condensed specification of the kind and character of construction it proposes to install, which shall comply with the statutes, and shall specify

the manner of crossing railroads and street railways. In case the proposed railroad does not cross any railroad or street railway, the hearing on the application will be *ex parte*; in case a crossing or crossings are involved, the Commission will set a time and place for a hearing, and in its order shall determine the manner and method of such crossing or crossings, and prescribe the kind and character of the protective appliances, if any, to be installed, and shall fix and apportion the expense of originally constructing and operating such crossings and protective appliances which shall be paid by the owners of the respective tracks.

XVII.

APPLICATION FOR CERTIFICATE OF CONVENIENCE AND NECESSITY—UTILITY.

Any municipality or corporation desiring to construct and operate a public utility in any municipality where there is in operation, under an indeterminate permit, a public utility engaged in similar service, shall file a petition with the secretary of the Commission, setting forth the names of all utilities engaged in similar service in such municipality, a general statement of the amount and character of their service, a statement of preliminary steps taken, a description of the works or system proposed to be constructed, the manner in which it is proposed to finance such construction, and all other facts deemed material by the petitioner; and at the same time serve a copy thereof, personally or by mail, upon the local utility or utilities, and notify the secretary of such service. The local utility shall answer such petition in the manner prescribed in rule V. In case of application by a corporation, the municipality must join in the petition. The Commission will assign a time and place for a hearing.

XVIII.

STOCKS AND BONDS.

Any public service corporation (except telephone companies) desiring to issue stocks or bonds, or both, shall file its applica-

tion with the Commission as provided by statute. The Commission may, in its discretion, order a hearing on such application, additional information to be submitted, a valuation of the physical property of the applicant to be made by the engineers of the Commission, before issuing its order.

XIX.

PURCHASE OF UTILITY BY MUNICIPALITY.

Any municipality having determined to acquire an existing plant, and the public utility owning such plant having consented to the municipality taking over same, or having consented by the acceptance of an indeterminate permit, or a jury or court having found that a necessity exists for such taking over, shall immediately file with the Commission a petition fully setting forth the facts; there shall be attached to such petition a certified copy of all proceedings of the municipal council relating to the matter and, in case of a judgment by a court, a certified copy of such judgment. A copy of such petition shall be immediately served on the utility in interest and the secretary of the Commission notified of such service. The Commission will proceed as set forth in rule IX.

XX.

APPLICATION TO INCREASE RATES.

Every public utility desiring to increase its rates or charges, shall file with the Commission the original application and six copies of same. Such application shall set forth the rates in force, the proposed rates and the reasons for the advance. The Commission will serve a copy of such application, together with a notice setting forth the time and place where the hearing shall be held, on six interested parties, and a copy of the notice on the applicant. Any interested party may appear at such hearing either in person or by attorney.

XXI.

PRINTING OF PLEADINGS, ETC.

Pleadings, depositions, briefs, and other papers of importance, shall be printed or in typewriting, and when not printed only one side of the paper shall be used.

XXII.

COPIES OF PAPERS OR TESTIMONY.

Copies of any petition, complaint or answer in any matter or proceeding before the Commission, or of any order, decision or opinion by the Commission, will be furnished without charge, upon application to the secretary by any person, carrier or utility party to the proceeding.

One copy of the testimony will be furnished by the Commission for the use of the complainant, and one copy for the use of the respondent, without charge; and when two or more complainants or respondents have appeared at the hearing, such complainants or respondents must designate to whom the copy for their use shall be delivered.

XXIII.

COMPLIANCE WITH ORDERS.

Upon the issuance of an order against any carrier or carriers, utility or utilities, after hearing, investigation and report by the Commission, such carrier or carriers, utility or utilities must promptly, upon compliance with its requirements, notify the secretary that action has been taken in conformity with the order, and when a change in rates is required, such notice must be given in addition to the filing of a schedule or tariff showing such change in rates.

XXIV.

SERVICE OF PAPERS.

Copies of notices or other papers, unless otherwise provided herein, must be served upon the adverse party or parties, personally or by mail; and when any party has appeared by attorney, service upon such attorney shall be deemed proper service upon the party.

XXV.

AFFIDAVITS.

Affidavits to any pleading or application may be made before any officer of the United States, or of any state or territory, authorized to administer oaths.

XXVI.

AMENDMENTS.

Upon application of any party, amendments to any petition or answer, or other paper in any proceeding or investigation, may be allowed by the Commission in its discretion.

XXVII.

ADJOURNMENTS AND EXTENSIONS OF TIME.

Adjournments and extensions of time may be granted upon the application of any party, or on the filing of a stipulation by the parties in interest, in the discretion of the Commission.

XXVIII.

INFORMATION TO PARTIES.

The secretary of the Commission will, upon request, advise any party as to the form of petition, answer or other paper necessary to be filed in any case, and furnish such information from the files of the Commission as will conduce to a full presentation of facts material to the controversy.

XXIX.

ADDRESS OF THE COMMISSION.

All complaints concerning anything done or omitted to be done by any carrier or utility, and all petitions or answers in any proceeding, or applications in relation thereto, and all letters and telegrams for the Commission must be addressed, Railroad Commission of Wisconsin, Madison, Wisconsin, unless otherwise specially directed.

FORMS.



- No. 1.—Complaint against carrier.
- No. 2.—Complaint against utility.
- No. 3.—Answer.
- No. 4.—Application for authority to increase rates.
- No. 5.—Notice under rule VI.

These forms may be used in cases to which they are applicable, with such alterations as the circumstances may render necessary.

No. 1.

Complaint against carrier.

RAILROAD COMMISSION OF WISCONSIN.

.....
against

The
Railway Company.
.....

The petition of the above named
respectfully shows:

1. *(State occupation and place of business.)*

.....
.....
.....

2. That the above named Railway Company is a common carrier, engaged in the transportation of persons and property by railroad between points in the State of Wisconsin, and that as such common carrier, said Railway Company is subject to the

provisions of Chapter 87, of the Wisconsin Statutes of 1898, and acts amendatory thereto, and is likewise subject to the provisions of Chapter 362, of the laws of Wisconsin for the year 1905.

3. That (*here state concisely the matters intended to be complained of, numbering each succeeding paragraph.*)

.....
.....
.....
.....

Wherefore, petitioner prays that the aforesaid Railway Company be required to answer the charges herein and that after due hearing and investigation an order be made commanding said Railway Company to cease and desist from said violations of the acts referred to in said petition, and for such other and further order as the Commission may deem necessary and just in the premises. (*Prayer may be varied so as to ask for the ascertainment of lawful rates or practices, and an order requiring the carrier to conform thereto. If reparation for any wrong or injury be desired the petitioner should state the nature and extent of the reparation he deems proper.*)

Dated at, this.....day of....., A. D. 190....

Petitioner.

No. 2.

Complaint against utility.

RAILROAD COMMISSION OF WISCONSIN.

.....
against
..... Company

The petition of the above named..... respectfully shows:

(1) (*State occupation and place of business.*)

.....
.....

(2) That the above named
 Company is a public utility, engaged in the

 at....., in the State of Wisconsin,
 and that as such public utility said Company is subject to the
 provisions of Chapter 499 of the Laws of Wisconsin for the
 year 1907.

(3) *(Here state concisely the matters intended to be com-
 plained of, numbering each succeeding paragraph.)*

Wherefore, petitioner prays that the aforesaid.....
 Company be required to answer the charges herein, and that
 after due hearing and investigation an order be made command-
 ing said Company to cease and desist from said violations of
 the acts referred to in said petition, and for such other and
 further order as the Commission may deem necessary and just
 in the premises. *(Prayer may be varied so as to ask for the
 ascertainment of lawful rates or practices, and an order requir-
 ing the utility to conform thereto. If reparation for any wrong
 or injury be desired the petitioner should state the nature and
 extent of the reparation he deems proper.)*

Dated this.....day of....., A. D. 190....

.....,
 Petitioner.

No. 3.

Answer.

RAILROAD COMMISSION OF WISCONSIN.

.....
 against
 TheCompany.

The above named respondent, for answer to the complaint in
 this proceeding, respectfully states:

I. That *(here follow the usual admissions, denials and aver-
 ments. Continue numbering each succeeding paragraph.)*

Wherefore the respondent prays that the complaint in this proceeding be dismissed.

THE COMPANY.

By E. F.,
(Title of officer.)

No. 4.

BEFORE THE RAILROAD COMMISSION OF WISCONSIN.

Application.

In the Matter of the Application of the.....
.....
Company for authority to increase rates.

The petition of the above named.....
Company respectfully represents and shows:

(1) That it is a corporation organized and doing business under the laws of the State of Wisconsin;

(2) That its principal place of business is in.....
....., Wisconsin, and that it is a public utility engaged in the management and operation of a
..... in said, and that as such public utility it is subject to the provisions of Chapter 499, Laws of Wisconsin for 1907;

(3) That under the provisions of Section 1797m-105 of said Chapter 499, Laws of Wisconsin for 1907, it is unlawful for any public utility doing business within the state of Wisconsin to demand, collect or receive a greater compensation for any service than the charge fixed by it on the lowest schedule of rates for the same service on the first day of April, 1907.

(4) That on the said first day of April 1907, it had in effect the following schedules of rates, tolls and charges:

.....
.....

(5) That it applies to this Commission for authority to increase its rates for the reason that

.....
.....

(6) That application is hereby made for authority to increase the rates of said applicant and to put in effect the following schedule:

.....
.....

Wherefore, the said Company prays that after due hearing and investigation the Railroad Commission make an order granting the application herein and establishing the proposed rates of charge, or such rates of charge as it may find to be equitable in the premises.

Dated at..... Wisconsin, this..... day of, 190....

.....,
Petitioner.

No. 5.

Notice under Rule VI.

RAILROAD COMMISSION OF WISCONSIN.

.....
against

TheCompany.

Notice is hereby given under Rule VI of the Rules of Practice in proceedings before the Commission that a hearing is desired in this proceeding upon the facts as stated in the complaint.

THE COMPANY.

By E. F.,
(Title of officer.)

INDEX.

ABBREVIATIONS USED IN THIS INDEX.

Am.=American.	mfg.=manufacturing.
assn.=association.	Milw.=Milwaukee.
bldg.=building.	No.=number.
Co.=company; also county.	pop.=population.
Com.=Railroad Commission of Wisconsin.	R. R.=railroad.
elec.=electric.	ry.=railway.
exch.=exchange.	tel.=telephone.
exp.=express.	teleg.=telegraph.
jct.=junction.	w. l.=whole line.
lbr.=lumber.	W. U.=Western Union.
lt.=light.	

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THIRTEENTH BIENNIAL REPORT

OF THE

Department of Public Instruction

OF THE

STATE OF WISCONSIN

C. P. CARY, State Superintendent.

July 1, 1906, to June 30, 1908.



MADISON
DEMOCRAT PRINTING COMPANY, STATE PRINTER.
1908

LETTER OF TRANSMITTAL.

DEPARTMENT OF PUBLIC INSTRUCTION,

MADISON, WIS., October 1, 1908.

HON. JAMES O. DAVIDSON,

Governor of Wisconsin.

SIR:—I have the honor to submit herewith, as required by law, the Thirteenth Biennial Report of the Department of Public Instruction.

I am,

Very respectfully yours,

C. P. CARY,

State Superintendent.

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THIRTEENTH BIENNIAL REPORT

OF THE

Department of Public Instruction

MADISON, WIS., October 1, 1908.

To the Legislature of Wisconsin:—

The close of the biennial period in the administration of state affairs, is made by law, the occasion of submitting to your honorable body a report by the State Superintendent of Public Instruction, setting forth the general condition of the public school system of the state, and giving the history and statistics of educational interests during that period. I have the honor to submit, herewith, my report for the biennial period ending June 30, 1908, through His Excellency, the Governor of the State.

C. P. CARY,
State Superintendent.

The Department of Public Instruction.

STATE OF WISCONSIN.

DEPARTMENT OF PUBLIC INSTRUCTION.

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The Citizen of Tomorrow.

THE CITIZEN OF TOMORROW.*

Little time, I fear, is left for the discussion of what to me is a subject of growing importance,—of growing importance not alone in my mind, but what is of far greater significance, of growing importance when the welfare of our country is considered. I refer to physical growth and development, and mental hygiene. There is not the shadow of a doubt in my mind that if school masters could have their way completely men would have their brains so developed that the spinal column and the legs could no longer perform their function and sustain and carry about the monstrosity called the head. But a day or two since I read a statement made by one of America's greatest philosophers and educators, to the effect that now common school education is an accomplished fact for practically all our citizens and that now we ought to set our stakes for a college education for all. While I believe in unbounded opportunities for American youth, in the way of intellectual training, I am firmly of the opinion that many who take unlimited advantage of these opportunities, especially children of professional men, do so at the expense of the next generation. From the point of view which looks before and after, it is of little consequence whether a student in our State University today masters more or less of trigonometry, more or less of Latin inscriptions, or makes more or less prolonged investigation into the history of the past. But it does make a great difference whether that student, and hundreds of others like him or her, preserve their mental and physical health.

We urge our students from the time they enter school till they quit school, to cultivate their little patch of brains by a

* Extracts from a paper prepared and read before the Wisconsin State Teachers' Association, Dec. 1907.

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system of intensive farming that makes the cerebrum hyperemic most of the time, and draws the blood from developing vital organs. We cut short the hours of play and of sleep and finally turn out our product, or he runs away from us, with a hot head and cold feet. Trained to do no one thing in this work-a-day-world, he vaguely feels and thinks that he must in some way earn his living by the use of his brains. He can neither hew wood nor draw water. The girls so brought up can neither cook nor sew, neither set a house in order nor lend a hand to help the helpless. We thus foster mental disorders, nervousness, futile dissatisfaction with life, dyspepsia, physical inefficiency. This heritage is passed on with interest to the next generation. Let me quote from one of England's most noted specialists. He says, "You may use up by an undue pressure at one time in life the energy that ought to have been spread out over long periods. One generation may by living at high pressure, and thereby disregarding hygienic laws, exhaust and use up more than its share of the ancestral energy transmitted to it. It may draw a bill on posterity and not hand on to the next generation enough to pay it." He adds that many Englishmen are now reaping the benefit of the calm, lazy lives of their forefathers of past generations, who stored up energy for them. My grandfathers and yours were pioneers. Perhaps our fathers were likewise. They lived the open-air life; they worked with the large muscles; they ate plain, wholesome food; had no more to stimulate the brain than was good for it. But we are rushing to the cities, cooping ourselves up in stores, school rooms and super-heated residences. We make excessive use of the finer muscular co-ordinations, those the race has but recently acquired. We use constantly the higher brain centers which have but recently developed. Is it any wonder many cannot stand the pace? Is it any wonder we find our children enemic, nervous, dyspeptic, tired of life before life has fairly begun? They are prematurely developed and want to be men and women when they should be

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rollicking, unconscious boys and girls. At every point we consciously or unconsciously add stimulus to this tendency that ought to be curbed instead. This happens not only in the school, but also in the home.

Last summer I had the opportunity to note the life of a young girl in her teens in a modern American home. She was pretty and attractive and was well aware of it for if no one else said anything about it her mother told her every day. The mother told me with great pride bubbling out of every lineament, but with deprecatory words in her mouth, that R——, the daughter, had had six fellows call to see her, one after another, in one evening. It was too evident to escape notice that the mother was doing all in her power to bring about just this result. She even justified herself to me by saying she thought the more there were, the less likely the girl would be to take up permanently with any one of them.

Says Clauston in his book on Mental Hygiene, "The school-boy and school-girl should be well-fed, but not on too stimulating a diet, should live very largely in the sunshine and fresh air, should have plenty of fresh air in the school and in the bedroom, and should have a very large amount of sleep—more than is given in many homes; ten hours for the age of eight, nine and one-half at fourteen; and, in fact, nine and one-half from that on." "One great risk of the school age," he adds "is from over pressure by hard and unsympathetic teachers. If schools are ill-ventilated, stuffy, and either too hot or too cold, over pressure tells much more against the health of the pupils than if they are sanitary."

The nervous child generally has an overdeveloped brain, and is fidgety, lacks self control, and is subject to whims and caprices. Often have I seen in school teachers who were themselves of the nervous type, whipping such children, figuratively speaking, into an ecstasy of excitement. The children would leap up and down, wave their hands in their effort to attract the teacher's attention, while the muscles of the face twitched and

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worked with emotional excitement and the eyes showed nervous restlessness that would have alarmed a nerve specialist.

To quote once more from one of the most noted English authorities, "In regard to one thing I can speak with absolute certainty, and with no reservations, in regard to the bringing up of children. It is that system, order, and punctuality should always be the rules of their lives. It should apply to play, meals, sleep, exercise and such employments as children can do. For many children of a nervous type and of an artistic temperament it may be their salvation in after life to have acquired such habits of order."

There is another type of child, the opposite of the nervous, that we frequently find in our schools. He is slow, not easily moved, fat-witted, sleepy-headed. Such a child cannot easily be over-stimulated mentally. Clauston is authority for the statement, "If the American educational ideals of forty years ago had been carried out, there would have been needed, for continuance of the race in that country, an incursion into lands where educational theories were unknown and where another rape of the Sabines was possible." Why he says forty years ago I can not quite make out. "What would you have us do?" I hear parents and teachers ask; I will tell you. Give your children more chance to play in the open air, give them a more rational diet, more corn-bread, butter, eggs, and milk, and less tea, coffee, cake and candy. More sleep, more muscle work and less brain work. More open country and less city streets. Fewer parties and more old fashioned romping and playing. Put you children, if they are thin and nervous, into school later. Give them more manual training, more cooking and sewing, more application of the knowledge acquired. The school education of two or three generations ago was a brief term of a few months in winter supplemented by a long period of work on the farm. The school could very properly give its whole attention to books. The children were eager for that sort of thing. Their muscles were hard, their digestion good, their

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intellectual hunger great. But conditions have changed and the school must change to meet the present need. It must in large measure take the place of the farm and the shop and the work of the apprentice.

We need this not only for the sake of the health and the mental sanity of our children but we need it in an industrial way. During the St. Louis Exposition certain German experts were over here studying our industrial outlook. The report they gave when they returned to Germany was doubtless gratifying to the Germans. They told their countrymen that we had vast natural resources in the United States; that we were a people possessed of tremendous energy; and that our industrial organization was efficient, and that we had made extraordinary progress during the past two decades, but they also said that their countrymen need not have any special anxiety on account of America as a competitor in spite of her many natural advantages. Among our disadvantages they spoke of the American temperament as one of careless confidence, a "feeling of complacent satisfaction with everything American;" a feeling, says a recent writer that in industry and in commerce as in other manifestations of national life there is no need of conscious, concerted action looking towards improvement and greater efficiency. They noted the absence of special industrial education and the reliance of our people on a more or less superficial education, together with natural adaptation.

We are trying to force upon all as high a degree as possible of intellectual training. Many good minds do not take kindly, or for long, to this sort of regime. They rebel against it; they quit school and go out as unskilled laborers at low wages, and with the all but certainty staring them in the face of having to live a hand-to-mouth existence all their lives. Technical training, however, would transform many of these into experts at good salaries and their services to society would be of high value.

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Our students are quick, shrewd, keen, alert, even nervously so; but they lack depth, accuracy and staying qualities. They scratch the surface, over a vast area of knowledge, but deep plowing and sub-soiling do not fit their nervous temperament which calls for something new and strange. This is just as true in colleges and universities as in high schools or the grades.

Life in the world today is complex, strenuous, trying in the extreme, not upon muscles, but upon the nervous system. To prepare for this life children should have well-developed muscles, calm nerves, and level heads. They should not be easily carried off their feet in the rush, they need instruction in, and practice in observing, the laws of health and sanity. They need less cramming with memory knowledge, and more of the kind of knowledge that becomes second nature through use.

To sum up in a few sentences the outcome of the three addresses to which you have listened: The conditions have so changed that greater burdens are now thrown upon the school. The changed conditions refer in part to the greater complexity of our civilization today, and the consequently increasing need of greater intelligence, moral stamina, and social co-operation; and in part to changes which prevent our putting the old-time reliance upon the farm and the home for training and for the preservation of the health and strength of the race.

It falls to our lot, then, to train as never before, the intellect of the youth so that it may not be swayed by passion or the hurrah of the mob; to train the heart out of which are the issues of life, and train the body so it shall be servant and not master. No new doctrine has been presented to you. Nothing of the sort was attempted, but the discussion I trust has not been fruitless in showing where educational emphasis should be placed to meet changed and changing conditions in society.

Educational Needs of Rural Communities.

RURAL COMMUNITIES NEED A MORE COMPLETE SYSTEM OF EDUCATION.

During the last decade the statement has been made frequently both in the columns of the public press and from the public platform, that the farmers' boys and girls are being educated away from the farm and toward the cities. There is much truth in the charge. The problem of keeping more of the boys and girls on the farm is one of the most important that the farmers of our state have to solve, and they will never solve it rightly until they provide in the country itself a system of education for their children that meets the needs of these children just as fully and completely as the system now provided by the people of our cities meets the needs of the city children. At the present time very few farming communities have such a system. In practically all of these communities provision is made for giving only the first eight years of instruction. For any additional instruction the farmer, under present conditions, must send his children to the city schools, and it is not at all surprising that after spending four years in the city environment, years which represent one of the most impressionable periods of their lives, many of them become enamored of city life and never see in the country and its life what they would see if these years had been spent in a high school located in the country. Country high schools cannot be organized in every town, but there are many localities in the state where the conditions are such that their organization is perfectly feasible, and this, too, without laying upon the people as great a burden of taxation as the people in many of our cities are cheerfully carrying in order that their children may get a good education.

For more than thirty years the state has been offering greater inducements to the towns to organize country high

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schools than it has offered to the cities to organize city high schools. In 1875 a law was passed by virtue of which any town organizing a country or township high school receives from the state one-half of all the cost of instruction in such school—but during the thirty-two years that have elapsed since the passage of this law only twenty-seven such schools have been organized and in nearly all of these communities a small city is included in the town and furnishes the majority of the pupils in attendance. In 1907 each of the city free high schools received only \$401.28 of special state aid, while many of the township high schools received several times as much.

In the organization of a country or township high school it is not necessary to abandon the one department country schools included in the territory. The people can combine or consolidate on the high school alone, leaving the country districts just as they were before the organization of the high school. Neither is it necessary to provide transportation, for when pupils are ready to enter the high school they are old enough to transport themselves. The only thing necessary to provide is stables where the pupils can care for the horses that they use in coming to and returning from school.

The course of study in these schools should be so framed and so administered as to give the work a decided agricultural trend. In the teaching of arithmetic, for example, the problems should be based largely upon farm topics. The pupils should be given a good common-sense course in farm book-keeping. The elements of physics and chemistry should be taught because the fundamental principles of these sciences lie at the basis of much that the farmer does. Botany should be included in the course, but it should be agricultural botany; that is, the plants that the farmer raises should be made the basis for special study. In the strongest of these schools manual training should be taught, thus giving the pupils an opportunity to learn how to use the common tools of the farm with a reasonable degree of skill. The principal of these schools

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should be competent to teach agriculture in such a way as to better fit both the boys and the girls for the farm and its life.

At the present time there are hundreds of young men in our country communities who ought to be in school. They can not attend the high school in the city during the winter because they are needed on the farms to do chores, and they will not attend the little country school because there is nothing for them there. But a country high school would give these young men an opportunity to attend school at least four or five months each year and at the same time remain upon the farm. Such a school can be made a literary center for the entire community. The young men and young women attending the school can organize a literary society and occasionally on Friday evenings meetings can be held at which debating and other lines of public speaking can be carried on. The one department ungraded schools can no longer be considered as adequate centers of literary life for the communities in which they are located. In days gone by these schools met fairly well the requirements in this matter, but we are today living in the age of the rural telephone and the daily rural mail, and these schools do not meet the requirements as literary centers and cannot be made to meet them.

As before stated, country high schools cannot be organized in every community, but wherever they are organized and properly conducted, they will furnish to the boys and girls of those communities the right sort of an education, and will go far toward solving the problem of keeping them on the farm.

Improvement of Physical Conditions in Rural Schools.

IMPROVEMENT OF PHYSICAL CONDITIONS IN
RURAL SCHOOLS.

During the past two years physical conditions in the country schools have been much improved. This improvement has come largely as a result of the annual school board conventions, the individual efforts of county superintendents and the "special aid" law by virtue of which all one department country schools that meet certain requirements with respect to physical conditions are to receive fifty dollars a year for a period of three years.

This law makes it the duty of the state superintendent to determine what shall constitute an adequate system of heating and ventilating and also what other conditions must be met by a district in order that it may share in the special state aid. In obedience to this provision of the law the state superintendent issued a circular on August 10th, 1907, in which were stated the conditions that each district must fulfill. Many districts will receive the aid for the school year ending June 30th, 1908, and doubtless many more will meet the conditions for the year ending June 30th, 1909. Following is a summary of the requirements for the special aid referred to above:

SUPPLEMENTARY READERS.

At least as many copies of a primer as there are pupils in the class. The same rule will apply to supplementary first readers, second readers and third readers.

DICTIONARIES.

Not less than one Academic Dictionary for every six pupils doing work in middle and upper forms. One Webster's International Dictionary in good usable condition. The latter dictionary may be procured under the provisions of section 509 of the school code. A suitable place should be selected and a suitable rest should be furnished where this large dictionary may be kept.

MAPS AND GLOBES.

There must be at least one set of outline maps, not less than eight in number, hung on spring rollers, in a close, dust-proof case. These

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maps should not cost to exceed \$16. One globe 8, 10 or 12 inches in diameter, with a suitable case must be furnished. The cost of this globe and case should not exceed \$6.

BLACKBOARDS.

In the country schools the blackboard should be at least 4 feet wide from top to bottom, the bottom not more than 24 inches from the floor. This makes 80 square feet of surface, a minimum supply for the average country school.

DESKS.

All desks of the same size should be placed in the same range or row. If new desks are to be purchased, single desks should be selected. No. 2 desks will accommodate the largest pupils enrolled in rural schools and No. 5 will accommodate the smallest. Care should be taken to place the desks and seats so that the pupils may be able to assume comfortable and correct positions and use them without having to lean forward. The desks and seats should be so placed with reference to each other that a line dropped from the inner edge of the desk will strike from one to two inches inside the front edge of the seat, or in other words, that the front edge of the desk shall over-reach or overlap the front edge of the seat below. If possible the desk should be placed so that the light may come from the rear and to the left of the pupils. Adjustable desks and seats while somewhat more expensive than stationary desks and seats, and generally not so strong and durable will enable the teacher to regulate the heights to exactly accommodate the pupils. Recitation seats should be provided in number sufficient to accommodate the largest class.

HEATING AND VENTILATION.

This is a matter of vital importance. The school room should if possible be kept at a uniform temperature of 70 degrees F. and should be continually supplied with warmed fresh air while school is in session. In order that this fresh air may be supplied it is necessary that a fresh air inlet and a foul air outlet shall be constructed of a capacity sufficient to meet the needs of the room. A basement furnace properly installed with a fresh air intake and with a foul air outlet, will heat and ventilate the room and keep the floor comfortably warm at the same time. The fresh air intake provided for any furnace should be at least 14 inches in diameter. The foul air outlet must be a part of, or connected with the chimney and must be larger than the fresh air inlet and provided with a register, (one of the "wing" or shutter type is to be preferred) as wide as the chimney and 24 inches long. This will enable the teacher to control the draft and regulate the ventilation. A stove of sufficient size and shape, properly jacketed, with suitable provisions for the admission of fresh air and for carrying off the foul air, may be made to meet the requirements of the law as stated in Chapter 600, Laws of 1907. A careful investigation of various methods for obtaining ventilation by the use of a jacketed stove leads to the conclusion that the following is the only home-made system that the school boards are safe in placing in their schools:

A stove of round-oak type, having a fire-pot 20 inches in diameter for a room 20 by 32 feet and a larger fire-pot for a larger room, should be used. This should be placed in the end of the room where the chimney

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is built. This is important in order to secure a proper distribution of heat and circulation of fresh air. Do not, however, place the heater directly in front of the chimney if it can be avoided. In case it seems desirable or cannot be avoided, the heater must be placed at least eighteen inches from the chimney and that part of the jacket back of the stove should reach to the floor. A fresh air pipe at least 12 inches in diameter should be brought from the outside of the building to a point immediately behind the stove. The opening of this pipe should be opposite the fire-pot and inside the jacket, that is, it should reach or project to a point 4 inches above the bottom of the jacket which is to be placed about the stove. If this fresh air intake opens below the stove through a register it will be found that the cold air will blow out under the heater and the jacket and over the floor and cause the floor to be cold unless the fresh air ventilation is entirely cut off. A jacket should be built to fit around the stove. This should extend at least 6 inches from the heater at all points and should be lined with asbestos paper and corrugated tin. The tin lining is necessary in order to keep the asbestos in its place and from being torn by the pupils. This lining will prevent any direct transmission of heat through the jacket. The jacket should be built with heavy steel rings at the top and bottom and steel frames for the door in order that it may withstand the hard usage in school. It must entirely surround the stove and be provided with one or more doors through which the fuel and ash doors may be reached. The bottom of this jacket should be placed at least 8 inches above the floor on stout straps or steel legs. A tight-fitting damper should be provided in the fresh air intake near the outer end, so arranged that it may be regulated from the inside of the room according to the wind and weather or may be closed when school is not in session. This "cut-off" or damper may be placed close to the wall inside the room in most cases. This plan provides means for bringing into the room plenty of pure air and also takes care of the heating part of this ventilation system.

An important feature, one which must not be deviated from, is the construction of the smoke chimney and the foul air ventilation. The chimney should be built from the ground up and should be at least 16 inches square inside. The best results will be obtained if this is a double course chimney in order that as much heat as possible may be retained in the ventilation shaft. A stack or pipe 8 inches in diameter made of No. 12 steel should be placed in the center of this chimney. A "T" for receiving the smoke pipe from the stove should pass from this steel stack or pipe through the walls of the chimney at the proper height from the floor to receive the smoke pipe from the stove. The bottom of this steel stack or pipe must be tightly closed and all joints made tight. The chimney should go out through the peak of the roof and stand at least 4 feet above the peak and the steel stack or pipe within the chimney should be placed a foot higher than the chimney itself. A wing register 16 by 20 inches should be placed in the bottom of this large chimney, the lower edge of the register placed even with the floor line. The idea is that the foul air will pass out through the space surrounding the steel stack or pipe inside the chimney and a good upward draft will be maintained, especially in the winter time, because of the heat transmitted through the steel stack or pipe.

This system has been quite thoroughly tested and is recommended as having proved satisfactory.

The board members should be constantly on their guard against

Improvement of Physical Conditions in Rural Schools.

cheap and unsatisfactory ventilating apparatus recommended by persons not regularly engaged in the business of supplying such appliances. The home-made appliances devised by local dealers cannot be safely relied upon. If home-made appliances are to be used the plan above described should be strictly followed. There are several patented systems on the market that have proved satisfactory and may be purchased outright from the dealers or firms by district boards if they so prefer. Any one of these systems will be installed by the company furnishing it and will also be fully guaranteed. Under no circumstances should any patented heating and ventilating system be installed by any agent or company unless the chimney is at least 12 inches square inside measurement, or the equivalent; that is, 144 inches in area. The foul air pipe must also be 12 inches in diameter. It is practically useless to pay out money for the installment of any kind of heating and ventilating apparatus unless the arrangements and appliances for its successful operation are provided. Salesmen and even principals of firms selling such apparatus may insist that their especial system will perform the work and meet all requirements with almost any kind or size of chimney. It must be remembered, however, that these people are business people and that it is one part of their business to sell their system, and while it is not my disposition or purpose to in any way interfere or hinder such people in their legitimate plans, I nevertheless deem it my duty to insist that any system of heating and ventilation shall be properly installed and that school districts and school district officers shall be protected and the comfort of the children shall be secured, rather than otherwise. The instructions given in this circular are the result of experience, careful study and investigation as well as consultation with persons skilled in matters pertaining to school room sanitation. Do not neglect to demand and secure a strong clearly worded guarantee from any firm that installs a plant in your school building. The county superintendent can doubtless give the school boards necessary information concerning the cost of installing any one of these systems and also give the address of the company by whom it is furnished. School boards must keep in mind, however, that a cheap sheet-iron fence or shield around an ordinary stove, with a fresh air register under the stove and a ventilating pipe stuck into the side of the chimney, will not be considered as a "system of ventilation and heat distribution" within the meaning of these terms as used in the statutes and as interpreted by this department. Under no conditions will any system ventilate the school room properly if any considerable quantity of outdoor air is permitted to enter the room through windows and doors, through cracks in the floor, openings under the baseboard or openings in the ceiling. A ceiling made with a thin coat of plaster or a ceiling that is full of cracks and openings will interfere seriously with the perfect working of any ventilating system because it allows the heated fresh air to escape from the room into the attic without resulting in any benefit whatever to the pupils. Tight walls and ceilings, tight floors, close fitting doors and windows are essential to the successful working of a heating and ventilating plant as are the fresh air inlets, the foul air outlets, the jacketed stove or furnace or a patented system.

MISCELLANEOUS.

The walls of the school room should be kept clean at all times and provisions should be made for cleaning the floor and woodwork every

Improvement of Physical Conditions in Rural Schools.

month. During cold weather the air should under no circumstances be allowed to circulate under the school room floor.

The foundation wall or underpinning of the school building should be made and kept air-tight during the winter. Windows should be properly curtained and supplied with conveniences that will permit the teacher to regulate the amount of light admitted to the school room. Curtains fastened to spring rollers and fixed in an easily movable frame that can be attached to an ordinary window will be more satisfactory than curtains fixed to spring rollers attached to the bottom part of the window rather than the top, but curtains with rollers fixed at the lower part of the window are more satisfactory than those with rollers fixed at the top. The light from the upper part of the window is the most satisfactory for all school room purposes.

A good substantial card catalogue case with a sufficient number of cards for cataloging the school library books, should be furnished. The books must be properly cataloged and a suitable case provided in which to keep them. Both cases should be dust proof and the library case provided with a lock and key.

The school building should be kept in good condition and free from unsanitary features. At least two suitable and convenient outhouses placed at least thirty feet apart and separated from each other by a tight board fence at least seven feet high, must be provided and kept in clean and wholesome condition. Chapter 232, Laws of 1907, provides that if the electors of the district fail to vote for a sum sufficient to enable the board to meet the requirements of said chapter, it shall be the duty of the district board before the third Monday of November to meet and determine the amount needed to provide and maintain the outhouses and board walks as required, and the clerk must certify to the town clerk the amount so determined. The town clerk must then place said amount in the tax roll to be levied and collected as other school taxes are levied and collected. This is mandatory upon school boards.

In addition to the above, chapter 600 requires that the teaching shall be "efficient." In order that the teaching work may be considered efficient it is essential that good order shall have been maintained in the school; that the teacher shall have been competent, faithful and progressive in her work. The district must have maintained what will be considered by the county superintendent and by intelligent patrons as a good school in every essential particular.

Faulty Method of Electing County Superintendent.

A CHANGE IN THE METHOD OF ELECTING COUNTY SUPERINTENDENTS IS NECESSARY.

One of the most important problems connected with the improvement of the country schools is the problem of the supervision of these schools. During the past two years this question has been discussed at the meetings of the Wisconsin State Teachers' Association and at the County Superintendents' Convention. The consensus of opinion seems to be that our present system of selecting county superintendents is radically wrong and should be changed. From 12,000 to 14,000 educational positions are filled in the state each year by boards of education elected by the people; that is, by applying the principle of representative government. However, when it comes to the selection of the seventy-three county and district superintendents the method of electing by direct ballot is still used.

For more than forty years the present system has been in use in the state and it has failed to give us a profession of county superintendents and never until such a profession exists will the county superintendency be what it should be. If a person secures a position in one of the high schools of the state, he knows that in case he is successful in that school, the reputation thereby gained will enable him to secure a better position and the same is true with respect to city superintendents. Such conditions are an incentive to our high school principals and city superintendents to do their best. Such conditions also warrant one in looking forward to a successful career in these lines of educational work during all the working years of life, but with respect to the county superintendency, these conditions do not exist. Anyone considering the advisability of going into

Faulty Method of Electing County Superintendent.

the county superintendency work may rest assured of meeting defeat at the polls in the course of a few years, and when defeat comes his career as a county superintendent ends, for he is not even eligible as a candidate in any other county or superintendent district. As long as this lack of permanency and lack of opportunity for promotion exists in the county superintendency it will never become a profession and therefore will not appeal to anyone as a life work.

Again, when a vacancy occurs in a city superintendency or in a high school principalship the board of education in filling the position is not confined to candidates who are residents of that particular locality. The board has the right to go even beyond the limits of the state in its efforts to secure the best person that it is possible to secure with the money at its command. Not so, however, in the selection of county and district superintendents, for under the present system the people are compelled in their selection to confine themselves to local candidates, no matter how poorly fitted for the position they may know every one of them to be.

These conditions constitute a fundamental weakness in our present system. This weakness has retarded the country schools in the past and will continue to retard their progress as long as it exists; therefore, it is to be hoped that the next legislature will provide for the election of county boards of education, such boards to be elected by the people. Such boards of education should select the county superintendents, fix their salaries, provide necessary clerk hire, audit the expense accounts of the superintendents and do such other work as the legislature after careful consideration may deem proper to place in their hands.

Free High Schools.

FREE HIGH SCHOOLS.

While there have been no decided changes in the general organization and administration of the free high schools of the state since the date of my last report, there has been a healthy, substantial growth manifested by an increased enrollment, better equipment and accommodations, increase in the teaching force, and a tendency toward a general increase of salaries. The enrollment has grown from 21,727 in the year 1905 to 24,251 in 1907-08. The number of teachers employed in 1905-06 was 1,012; while in 1907-08 it was 1,165. The average salary paid to assistants in the four-year high schools in 1905-06 was \$532.73; last year it was \$565.02. These figures are for the state high schools only and do not include the fourteen independent high schools, which together had an enrollment in 1905-06 of 5,407 and in 1907-8 of 6,408.

Fourteen additional four year schools have received certification and have been put into operation at the following places:

Independence, Johnsons Creek, Kendall, New Holstein, La Farge, Norwalk, Park Falls, West Allis, Genoa Junction, Brooklyn, Westboro, Melrose, North Crandon, South Wayne.

The last four of the above list are township high schools. Several others which had before received certificates have also begun their work. The total number now on the state list is 271; there are only three of these which do not offer four years of work. Nearly all have rooms in practically new buildings and either already have been or are rapidly being supplied with a proper equipment of books and apparatus. I have lately sent lists of minimum equipment to all of the high schools and have asked that they be supplied with at least the indicated amount within the next two years as a condition for receiving the special state aid. This should not be at all burdensome, since the amount of the aid to even the smallest school for two

Free High Schools.

years will be more than enough to provide for the entire list; in nearly all cases, too, the school had a considerable equipment at the start and will need to supply only a part.

The general willingness to meet all reasonable requirements is most commendable, and the cases are very rare, indeed, in which I have found it necessary even to call attention to the fact that the law gives the State Superintendent specific authority to withhold the whole or a part of the aid on account of failure to provide properly for the needs of the schools.

The number of new buildings erected within the last few years is surprisingly large, and each year shows more attention to proper heating, ventilation, sanitation and more general acceptance of advanced modern ideas of what is necessary and suitable. It is probably a low estimate to say that one-half of the 271 high schools are occupying buildings which have been either built or thoroughly rebuilt since 1900. In the last two years several exclusively high school buildings, costing from \$50,000 to \$100,000, have been erected. Many of the smaller towns have proved themselves fully as liberal as the larger; in fact, the general disposition seems to be that the high schools must be sustained at a high degree of efficiency regardless of cost.

While, as stated above, the number of new high schools organized within the last two years is about the same as that of former equal periods, the indications are that under the present conditions the growth in the number of district high schools will be smaller for a few years to come. This will not be due, however, to any decline of interest in school matters but to the fact of the establishment of the efficient graded schools in the smaller communities which before such establishment were obliged to organize high schools in order to secure any special state aid.

The last legislature offered still greater inducements for the organization of graded schools and many places are freely taking advantage of the increased liberality. In general this is a

Free High Schools.

wise policy, since an assessed valuation of half a million dollars is small enough upon which to base a tax for the support of even a two-teacher high school, unless the locality is exceptionally favorably situated to secure non-resident pupils. Before the establishment of the graded schools the needs of the smaller places were met by allowing high schools with three-year courses of study. These were unsatisfactory for various reasons and no new ones have been established for several years, while all of the list, except three, have now changed to four-year schools, employing at least two teachers. In many cases, however, where the conditions of the school and the disposition of the community were favorable, I have allowed the graded schools to carry one or two years of high school work. This plan partly bridges the gap between the two schools, allows pupils to get a good start on the high school work, shortens the time needed to complete the course at a neighboring high school, and serves as an incentive to continue after graduation from the graded school. It also lessens the extent of the change when the proper time comes for the establishment of a high school in the district.

Township High Schools.

TOWNSHIP HIGH SCHOOLS.

Even with the exceedingly liberal inducements held out by the state for the establishment of township high schools the growth in the number of these is very slow. The state now pays half of the cost of instruction, and the schools are allowed the privilege of charging the tuition of non-resident pupils to the towns from which they come. In some cases these two items equal two-thirds or more of the cost of the school and leave only a very small local tax to be raised by the district. Yet, in the face of all this, many towns attempt to form a high school and fail when it comes to the election. The fact that very many rural school districts in the state pay either no local school tax whatever, or so little that it is hardly noticeable, makes the small amount needed for a high school appear large and opponents have little trouble in exciting the fears of voters until the cost is made to appear much larger than it really is. Again, the jealousy of neighboring villages is sufficient to defeat the project, even though the villages may not be in the town having the question under consideration; the establishment of a high school in a village gives it an advantage in so many ways that its rivals fear its competition and use every effort to prevent giving it such advantage.

Probably neither of the above causes of opposition can be met by legislation. There is a third factor which is often of sufficient force to make it the deciding element. A normal township is six miles square but many towns are much larger. The location of the proposed high school is almost invariably fixed at some prominent village in the town; in fact, the agitation for such a school is usually started by the people of the village. This of itself is enough to excite the feeling on the part of the outsiders that self-interest lies at the bottom of the agitation and that the village is trying to enrich itself at the

Township High Schools.

expense of the farming community. The village is often located near one side or a corner of the town instead of at the center. This leaves part of the proposed district so far from the school as to make it impossible for pupils to attend and board at home, while at the same time they may be near a high school in some other town, which they might attend under the operation of the free tuition law unless prevented by the fact that they already live in a high school district. In such cases, the establishment of a high school in their own town will work a real hardship and there is a very reasonable ground for objection. This condition has probably more often supplied successful argument for opposition than any other and has without doubt been the means of defeating the proposition in many cases.

It is quite possible that the law would be much more satisfactory if it were amended so as to allow the organization of schools in contiguous territory, equal in extent to at least a township, without regard to town boundaries. The present township idea originated at a time when a strong attempt was being made to introduce the township system of common schools. This attempt has met with little success and it does not appear likely that it will be any more favorably received in the future, since its main objects are being reached by other plans. There remains then no real reason why an inconvenient town should remain the unit for the central high school, thus preventing a desirable union of parts of towns. In a number of instances within my knowledge attempts to organize such high schools have been given up simply because it was found that the location of the school would be from seven to ten miles from some parts of the town and perhaps could only be reached over inconvenient or impracticable roads. On the other hand I see no real objection whatever to a revision of the law as indicated above. There are some difficulties in forming a plan for the general organization such as the mode of election of officers, manner of holding meetings, etc., under such

Township High Schools.

circumstances, but these questions can probably be met by a carefully drawn law.

The desirability of such schools as a means of giving to country boys and girls the advantages of a secondary education has been fully demonstrated by the success of those already established, although in some cases they are still working in the face of an opposition which hampers them in many ways and is so strong that the school boards feel that it is not wise to ask for appropriations such as they fully realize are needed. This opposition, however, generally grows less as the school grows older, especially if the town has come to own its own building distinct from any village school.

There are now twenty-eight of these schools in the state, eight of which are in their own buildings and are not connected in any way with grades. Ten others are in towns working under the township system; the rest are occupying rooms rented from the local school authorities. The total enrollment in the twenty-seven in operation last year was 1,164, or an average to each school of 43. It should be remembered that all except a very few of these schools are located in small villages and the enrollment is mainly made up of selected pupils drawn from the country districts and fully equal in natural ability to town pupils and likely to be more thoughtful and better inclined toward study. They are deserving of the best efforts of the state in giving them an opportunity of securing an education in the high school and of ready admission into the higher educational institutions of the state. Many of the schools are not equipped and provided for as well as might be desired, but, nevertheless, much excellent work is being done in them and this should be recognized in every way possible.

Their greatest handicap arises from the frequent changes in the teaching force. First-class teachers cannot be retained at the low salaries which many of the boards set as their limit and the result is that these small schools are altogether too often material for new and inexperienced teachers to practice upon to

State Aid to High Schools.

prepare themselves for the larger places. In many of the schools, however, I think there is growing a better sentiment in this respect and boards are coming to realize the value of a good teacher over a poor one and are acting accordingly.

STATE AID TO HIGH SCHOOLS.

According to the present law township high schools receive an amount from the state equal to one-half of the total paid for teachers' salaries. In several cases this has amounted to over \$1,000 and has gone as high as \$1,500; the average paid to the schools at the last annual apportionment was \$878.08. Inasmuch as the plain intent of the law is to encourage and give aid to many small country schools rather than to a comparatively small number of larger ones, the advisability of limiting the amount may well be considered.

If the aid could also be made partly contingent upon the number of teachers it would have a tendency to encourage toward stronger schools. Nine hundred dollars for a two-teacher school and twelve hundred for a three-teacher school, in no case to exceed one-half the cost of instruction, would, in my judgment, be fair limitations and would be a decided improvement over the law as it at present stands.

The Free Tuition Law.

AID TO DISTRICT HIGH SCHOOLS.

The last legislature increased the appropriation so that the aid to district high schools for 1906-7 was \$401.28, or nearly \$100 less than the \$500 which was originally made the limit. This cannot be considered a large sum and it will continually grow smaller as the number of schools increases. Five hundred dollars is none too much to afford an incentive to schools to comply with the reasonable requirements necessary to have a successful state system. If the definite amount of \$500 could be given to each district high school expending at least \$1,000 for instruction, and the limitation suggested above upon the amount given to township schools were made, the aid would be more equitably distributed.

THE FREE TUITION LAW.

The general principle of the law allowing the tuition of non-resident pupils to be charged to the towns in which they reside appears to be now quite firmly established and the number of pupils taking advantage of it is continually increasing. The non-resident attendance in all of the free high schools in 1902-03, the first year of the law, was 4,105; in 1907-08 it was 6,694, an increase of 63%. The general plan of the law appears to be satisfactory and I have no changes to recommend at this time. The only feature which receives severe criticism is in regard to the rate of tuition. Many districts complain that the rate of 50 cents per week is too low and that it does not return the cost. In my last report I treated of this point quite fully and I need not repeat the statements which I made then. While there is no doubt that the tuition is very low and eventually will be increased, I do not, in view of all the conditions, recommend that it be changed at the present session of the legislature.

Commercial and Manual Training Courses.

COMMERCIAL AND MANUAL TRAINING COURSES.

The commercial and manual training work of the high schools of the state is having a free growth unhampered by undue restrictions and is gradually becoming systematized according to definite underlying principles adapted to meet the conditions under which it must be carried on. Inasmuch as the subjects are still in a somewhat experimental stage, I have purposely refrained from imposing definite requirements in the matter of courses of study and extent of work in any way to interfere with the natural growth of ideas. It has finally appeared proper and necessary in the case of manual training to make certain specifications in order to entitle schools to a share in the special state aid, and I have prescribed a minimum of time and work in accordance with what seem to be generally accepted ideas, in such a way as to unify the work to a certain extent in the schools and at the same time not be unduly restrictive. The general outlook for both these subjects is excellent and the work already being done in many of the schools is such as to be a demonstration of the entire feasibility of the union of industrial and academic training in the public high school.

The most serious difficulty arises from the scarcity of properly trained teachers, and this is again traceable to the unwillingness to pay a salary such as will be an inducement to teach rather than to enter into business. In both these lines there is direct competition with calls for well trained and competent people for business positions, and school boards should not expect to be able to secure good teachers unless they pay them at least an approximation to business salaries. Some boards have already come to an appreciation of this fact and are governing themselves accordingly.

Tenure of Position.

TENURE OF POSITION.

The high school directory for 1907-08 contained 1,153 names; of these 527 were of teachers new in their positions. The total number of names in the list the year preceding was 1,087. This means that only 66 of the 527 changes were due to the employment of additional teachers, and that 461 or 40% of 1,153 teachers of the year 1906-07 either left teaching or changed their positions. While a certain amount of change is unavoidable and is desirable in any healthy and growing system, the percentage indicated above is altogether too great and would be considered almost ruinous in a commercial or manufacturing establishment. Were the changes mainly confined to the subordinate positions the results would be less detrimental, but this is not the case; 94 of the 268 principals or 37% were also new. In addition to the above figures there should be added the large number of changes during the year. In a number of instances in schools of four or more teachers the force was entirely new at the opening of school, many of the teachers being not only new in the place but without any previous experience.

No argument is needed to show the detrimental effects of such a policy in the management of the schools. The stockholders of a manufacturing establishment would not tolerate it for they could not expect profitable returns under such conditions. It is surprising that our schools do as well as they are doing, and the degree of success attained indicates an earnestness and general spirit on the part of the teachers greatly to be commended. Nevertheless, viewed from a commercial standpoint schools should to a certain extent be measured by the laws of business. From this point of view the waste of time and energy is very great. While the definiteness, exactness, and freedom from waste secured in wood and iron products can

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never be expected in an establishment working with human material, one has only to compare the different schools and different individual teachers to see the extravagance of some and the economy of others. The time and energy of boys and girls of high school age are exceedingly valuable materials and worthy of the greatest skill, tact and judgment on the part of those responsible for the shaping of such material. It is often claimed that statistics show that the pupil's time in a good high school is worth ten dollars a day for the whole period of 800 days usually required to complete a high school course. In other words, a high school education, for a boy at least, is worth \$8,000. If this be true the value of a day for a high school of a hundred pupils is \$1,000. If the output is worth a thousand dollars a day, it is worth while to see that the work is the best possible.

It takes time for teachers to learn the individual needs of their pupils and local conditions of a community, and we can not hope for the best results until we in some way secure a greater stability in the teaching force. People rightly demand practical results from our schools yet they willingly put teachers in charge who are almost entirely without the practical experience necessary to bring about such results.

There are several reasons for this lack of stability. The ease with which certificates can be secured by means of diplomas, together with the willingness on the part of boards to employ inexperienced people for even very responsible positions is no doubt the greatest. The only class of thoroughly prepared teachers in this state is made up of those who enter our normal schools with the intention of becoming teachers and after graduation enter and complete a course at the University or a college. Instead, however, of giving special advantages in the matter of certificates to these graduates they receive the same rank as college graduates who perhaps did not think of teaching until their senior year, and who turn to it as a mere makeshift to be followed for a year or two until they determine

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what they will do. In other professions it is very seldom indeed that the untried graduate steps into a well paid and responsible position at the outset. He must be satisfied with poor pay and hard work at first, serve an apprenticeship, learn the business and grow up in the work until he can apply the theoretical knowledge which he learned in school. In the same way there should be an apprenticeship in teaching, brief in some cases, long in others, in all to continue until the candidate shows either success or failure. If some of our larger towns would introduce the plan of allowing beginners to teach certain classes at a low salary under a close supervision and gradually increase the responsibility and the pay, as increase of capability is shown it would be a move in the right direction, and we should soon be in a position to aid in the movement by legislation which would tend to encourage the employment of teachers with the proper qualifications and experience.

The requirement of such a preparatory experience would prevent people from using teaching as a makeshift as so many do at present and would also tend to induce the capable ones to make it a permanent profession just as is the case in other professions, which usually require a period of trial before success is attained. The number of young men in our teaching force appears to be growing relatively smaller each year. In 1900, 325 of the 664 teachers in our free high schools or nearly 49% were men; last year 411 out of 1,165 or only 35.3%. In my judgement there is no more serious question in school matters to-day than this growing scarcity of men teachers in our high schools. Even the above figures do not tell the whole story. Probably a majority of those who are now teaching are confessedly intending to change to something else in a very short time; their first interest then is naturally not teaching but planning and fitting themselves for something else which they intend shall be their life work.

Perhaps, however, there is no reason which acts more strongly in deterring young people, especially the young men,

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from making teaching a permanent profession than the fact that under our present system it is practically out of the question for a teacher to make a home which shall mean to him what it means to people in most other kinds of work. Even though many teachers stay for a number of years in a place, still they are subject to a yearly appointment and they constantly realize that comparatively early in life, probably long before age will really unfit them for thoroughly efficient work, they will find themselves without a place, too young to care to be idle, even if they can afford idleness, too old to be successful at any new occupation.

Every self-respecting young man should have the ambition to establish a permanent home of his own: Under the present conditions such a home is all but impossible for the teacher. Added to this is the fact that the prevailing salaries are so low that they are hardly sufficient to support a family in a manner which will meet the demands made upon it by the community. The most that the teacher can usually do beyond mere living is, perhaps, to provide a small life insurance. Aside from this he has absolutely no provision for the old age which generally comes so early in the teaching profession.

Salaries are so good for beginners and so poor for experienced teachers that the latter find themselves constantly thrown into competition with untried people. But very little difference is made between the two. The case is even worse for the young man. He finds that he must compete on almost equal terms with the young woman who under normal conditions does not have to support a family, has herself to support for only a few years, and often has help from her parents in doing even that. It is any wonder that under all the circumstances, lack of permanency, low salaries, short term of life as a teacher, and entire lack of provision for old age, the young man makes teaching merely a stepping stone to other work, and that each year sees fewer young men doing even this.

Improvement in any one of these four respects would be

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a gain toward the improvement of our schools. I have already suggested that beginners in teaching should pass a preliminary course of work at low pay under close supervision. The employment of entirely inexperienced teachers for responsible positions should be discouraged, perhaps eventually, to the extent of legal enactments regulating such employment.

In my opinion the question of present salary is not as strong a deterring influence as the uncertainty of the means for a bare existence after the days of teaching are over. I believe that the assurance of a very small income after long service would be sufficient to induce many men to make a life work of teaching. No sentimental consideration whatever is involved; it is a purely business proposition. Our schools need more men; the need is becoming more urgent each year; and if a small pension will bring about the desired end it would appear to be only good business to provide it. The idea of pensioning teachers is already in successful operation in some parts of the country and has now been long enough on trial to enable an estimate to be made of the probable results of a state system. The pension should not, however, be made an excuse for not raising salaries. Men who superintend schools and those who teach in important positions need the ready money to travel, to buy books, to attend lectures, to study in the summer at a university, to dress respectably, etc. All this not for the good of the individual alone, but that he may be the better qualified for his work.

The Future of the High School.

THE FUTURE OF THE HIGH SCHOOL.

High school work is still largely in the stage of experiment; its purposes are not yet definitely defined, and its courses of study are constantly changing. Established primarily to take the place of the academy as a fitting school for college and accordingly dominated by higher institutions in its subject matter and methods of study, it is now being more and more strongly influenced by a popular demand that it shall supply an education which shall fit the student both physically and mentally to do his part in the world's work, and to enjoy in a proper way social fellowship with those among whom he must live; the knowledge given must bear some relation to the duties of active life and more account must be taken of the culture which comes from an appreciation of what is going on in the world now and not alone that which comes from a study of what was done in the past. Along with all this there must be a constant training of the disposition to meet the responsibilities which come to a person at all ages of life both in and out of school.

The high school is in a period of rapid growth and this growth is not merely in importance as a factor in education but it is largely an evolution; nothing like the modern high school has ever before been known and no one can foretell what will be its future. Under such circumstances its growth should be as free as possible unhampered by undue restrictions, but every effort should be made to supply all possible information which may be of service to those who are directly responsible for the administration of the school as it gradually grows towards what it may finally become. The results of researches in psychology, in sociology, in pedagogy and in all lines which may have a bearing on the proper development of the work should be freely presented that such of this material as is useful may have its proper influence.

There are strong indications of decided changes in the near

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future. Not only are the individual studies in the courses being revised in both their matter and methods so as to make them more practical and more modern in their culture value, but in many of the more important schools tentative attempts are being made to adapt the high school work as a whole to the environment of the student and to an extent to the needs of the locality, and to differentiate in some degree the work of the boys and girls to provide for the natural differences which necessitate the complimentary relations in life.

Perhaps the first may be considered of more immediate interest to us in Wisconsin, since it necessarily involves some phases of the second if it is successfully carried out. At present the courses of study of the country high schools vary little from those of the city, and those of the small high school are like those of the large except in the number of studies. All have been based upon college entrance requirements, and preparation for professional life. The resultant training has, of course, been toward city ideals and distinctly away from anything which would cultivate a desire for vocational occupations which must be followed by the great mass of pupils. Especially has the tendency been away from the country and toward the city.

Country high schools are giving more attention to topics related to occupations and conditions of life in their immediate vicinity and many are doing efficient work in this direction. The indirect influence of the county agricultural schools as they become more general will no doubt increase this interest.

The establishment of manual training departments is perhaps the best illustration of the coming change since they combine the practical, the disciplinary, and the cultural elements needed in education, and at the same time they provide courses in wood and iron work for the boys and in domestic science for the girls.

Again in all high schools, both city and country, there is a growing disposition to adapt the work in the academic studies to modern ideas and needs rather than to make it as formal as it has been in the past.

State Graded Schools.

STATE GRADED SCHOOLS.

In the year 1901 a law was passed providing for the organization of state graded schools. Any school of more than one department not located in a city nor situated in a high school district (township high school excepted), may become a state graded school by making application to the State Superintendent and complying with the requirements of the law governing such schools.

State graded schools are divided into two classes, first and second. Those of the first class consist of schools maintaining three or more departments; those of the second class consist of those maintaining two departments only.

Schools that comply with the provisions of the law and the requirements of the state department receive special state aid, as follows: First class schools receive three hundred dollars each year; second class schools receive two hundred dollars each year.

The law provides that the State Superintendent shall appoint two inspectors to assist him in organizing and inspecting state graded schools. Every such school must be inspected at least once each year, by the State Superintendent or one of his inspectors, and the distribution of state aid depends upon the report of these inspectors.

In order that schools may receive special state aid the following requirements must be met:

First, the school must be maintained for at least nine months each year, and the average daily attendance must not be less than fifteen for the entire year in each department of second class schools, and in at least three departments of first class schools.

Second, the teachers employed must be competent. By "competent" I mean that they shall be able to conduct a good school.

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The qualifications required by law are as follows: The principal of a state graded school of the first class must hold some form of state certificate. One assistant may hold a third grade certificate, or a certificate of a higher grade; one a second grade certificate or a certificate of a higher grade, and all other assistants must hold first grade certificates or state certificates. In a state graded school of the second class the principal may hold a second grade certificate or a certificate of a higher grade, provided that if he hold a second grade certificate he shall have had at least two years of successful experience as a teacher and if he hold a first grade certificate he shall have had at least one year of successful experience. The assistant in a second class school may hold a third grade certificate or a certificate of a higher grade. All persons teaching on third grade certificates must have had at least one year of successful experience. Where experience is required, testimonials of success must be filed with the district clerk as a part of the legal qualification.

Third, the school house shall be properly equipped and shall be kept in a comfortable and sanitary condition. Every building must be furnished with an adequate system of ventilation. The grounds must be well kept and outbuildings built according to a special law on that subject.

Fourth, the work of the school must be organized and graded according to the course of study made out by the State Superintendent. Teachers not able to follow the course of study and do good thorough work as outlined therein are deemed incompetent teachers and the state may, according to law, refuse special aid to districts employing such teachers.

Fifth, the school board must make application to become a state graded school on or before September 1st and must submit such reports to the State Superintendent as he may require.

The number of state graded schools is increasing rapidly. Last year forty new schools were organized and the application blanks which are being received show that at least fifty will be

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added to the list this year, making in all about five hundred in the state. The fact that special aid for second class graded schools has been raised from \$100 to \$200, together with the law compelling country districts with an enrollment of 65 or more to provide an additional teacher, has served as an incentive for the establishing of state graded schools.

Until within two years practically all of the graded schools were located in villages. Within the past two years seventy-five graded schools have been organized in country districts and the prospects are that the number will be increased this year to over one hundred. This is evidence that the people in the rural districts are waking up to the fact that a graded school is better than an ungraded school and are glad to take advantage of the help that the state offers both as to the special aid and the assistance in supervising these schools.

The inspectors have, thus far, been able to reach practically all of the state graded schools each year. The number of schools, however, is increasing so rapidly that if all of the schools are inspected each year in the future, additional inspectors must be furnished.

Substantial improvements have been made within the last two years both in the quality of work done in the schools and new buildings erected and equipment furnished. Eighty-one new state graded school buildings have been erected since the last biennial report and many other districts are considering the proposition of building within a short time.

A large percentage of the new buildings are equipped with furnace systems which carry a complete system of ventilation. Those not equipped with furnaces have ventilator stoves which give very good results.

While in a large majority of districts the school boards make a determined effort to secure the best teachers possible, yet in some districts, cheap and inexperienced teachers without training are engaged. This method of procedure is contrary to the spirit of the law and several districts lost their state aid

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last year on account of the inefficiency of the teachers employed. This is especially true in the country districts where low wages and untrained teachers have prevailed. The one thing, above all others, that will be insisted upon is that districts maintaining state graded schools must employ competent teachers if they expect to receive special aid from the state. Good buildings and good equipment are necessary, but after all of this is furnished, the teacher must make the school and the success of the school will depend upon the ability of the teachers engaged. The work in the second class schools is necessarily heavier than in first class schools because in a two-room school each teacher must handle four grades. Considering this fact, it is even more necessary that experienced, competent teachers be engaged in the second class schools than in larger schools. We find, however, that as a rule the larger schools that employ from three to eight teachers, pay higher wages and seek for trained teachers or teachers who can show records of success. I wish to urge upon school boards, where two-room schools are maintained, the necessity of placing the strongest teachers possible in your schools. The burden of taxation is no heavier than in the larger districts. In the large district there is more taxable property but more teachers must be paid. The state is giving more help to the second class according to the amount expended by the districts. It seems to me, therefore, that the second class schools can pay higher wages and with a lower rate of taxation than can the larger districts. Good teachers can be secured but the wages that such teachers can command must be offered.

The course of study for state graded schools covers instruction in the common branches and is divided into eight grades of work. This course has been revised from time to time until it now seems to meet the present needs. In some schools, where sufficient teaching force is furnished, advanced work is taken up. This is permitted when it can be done without interfering with the thorough doing of the work included in the regular course.

Deaf School Inspection.

It is the aim of the state department to give as much help as possible to these schools each year. The inspectors consult and advise with the teachers concerning the organization and grading of the schools and methods of instruction. They also meet school boards and advise them concerning the condition of buildings and equipment and make such recommendations as are necessary in order that the letter and spirit of the law may be complied with. The splendid co-operation of school boards and valuable assistance of county superintendents have made it possible to bring the state graded schools of the state up to a higher standard than otherwise would have been possible.

REPORT OF DEAF SCHOOL INSPECTOR.

During the last two years the day schools for the deaf have shown much progress. The plan of organization of these schools and the work they are doing have become more widely known and appreciated. More people have been glad to place their children having defective hearing and speech, in the day schools where they may receive that instruction which will best fit them to make their way in the world of hearing people.

The total enrollment for the year 1907 and 1908 was 305. Complete tables of statistics for the last two years will be found elsewhere in this publication.

The sign language is not allowed and the children are taught to speak and to read the lips of those speaking to them. Daily drills are given in the elements of speech and lip reading. Rhythm exercises are conducted daily to give the children control of the muscles and ease of carriage, in order that they may be as free as possible from those mannerisms peculiar to those who do not hear. Many of the schools are furnished with pianos to assist in the rhythm exercises. With the exception of

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language, the course of study of the hearing school, of which the deaf school is a part, is generally followed.

The boards of education of most of the cities in which deaf schools are located have added manual training and domestic science to the regular school curriculum. The pupils enrolled in the day schools for the deaf share in the instruction given in these courses, and frequently do a higher grade of work than many of their hearing companions. The older girls learn to do much of their own sewing and the boys become so familiar with the use of tools that it is comparatively easy for them to learn carpenter work or cabinet making upon leaving the school. Some of the schools have printing presses and the children are taught type setting and printing. From this experience some are encouraged to learn how to run linotype machines upon graduating from the school.

Two new schools have been added to the list since the printing of the last report,—one at Rice Lake, Barron county, and one in Madison. This makes the total number of such schools twenty-two, located in the following cities: Antigo, Appleton, Ashland, Black River Falls, Bloomington, Eau Claire, Fond du Lac, Green Bay, La Crosse, Marinette, Madison, Milwaukee, New London, Oshkosh, Platteville, Racine, Rice Lake, Sheboygan, Sparta, Stevens Point, Superior and Wausau.

School boards, superintendents and principals and the general public have been very helpful in their relations with the day schools. The schools are made to feel that they are as much a part of the public school system as any other department. This placing the department of the deaf in the same building in which the hearing children are housed, so that the deaf may associate with the hearing on the playground and to and from school, tends to make the deaf child as nearly like the hearing child as possible. The influence upon the hearing children is also apparent. They come to feel a certain guardianship over these unfortunate ones and realize that the strong should protect the weak.

Deaf School Inspection.

The compulsory attendance law enacted by the last legislature has brought some new pupils into school and caused others to be more regular in attendance. This law stands as a guarantee to the deaf child that his right to an education can not be ignored.

The last legislature made provision for the organization and maintenance of day schools for the blind in the same manner that they provided for schools for the deaf. So far Milwaukee is the only city that has organized such a school, although other cities are considering the proposition.

With the compulsory attendance law, and the increasing acquaintance of the general public with the good being accomplished in these schools, still more effective work can be expected in the future.

School Libraries in Rural Communities.

SCHOOL LIBRARIES IN RURAL COMMUNITIES.

The township library law was enacted in 1887, twenty-one years ago. At that time there were in the school libraries of the state, outside of cities under city superintendents, 30,563 volumes. In 1866 the school libraries contained 26,667 volumes. Hence during the twenty-one years preceding the enactment of the township library law scarcely four thousand volumes were added to the school libraries of rural communities. During the twenty-one years that the township library law has been in force the number of volumes in the libraries of such schools has grown from some thirty thousand volumes to over a million. That is, the increase during twenty-one years of the township library law has been two hundred fifty times as great as during an equal number of years preceding its enactment.

A number of important amendments have been made to the original township library law. The purchase of books for the schools of any township was at first left optional. As the town treasurer was to withhold the money, whether or not the schools of a township were to receive library books often depended upon the whim or caprice of that official. The law was made mandatory in 1895. During the eight years while the law was optional there were added to the school libraries 83,712 volumes. During the first eight years after the law became mandatory 489,001 volumes, approximately six times as many, were added to the school libraries.

The township library law at first provided that the books for the schools of any township were to be selected by the town clerk. As this official often knew very little about such matters, the result in many cases was an unwise selection of books and inexcusable duplications. Hence the law was amended so as to vest the selection of the books in the county superintendent. This has proven to be a valuable amendment.

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It was the object of the framers of the township library law to have the books passed on from one school to another within each township, so that if a township had, for instance, ten districts and there were, on the average, twenty books in the library of each school, then by passing the books from district to district each school would have the use of two hundred books. This was a plausible scheme, but it did not work well in practice. One adverse circumstance was that, where this plan was carried out, no particular school felt responsible for the condition of the books. Then, too, no school would make a card catalog of its books, so as to make the material which they contained available, when the books were liable to be removed at any time. The plan of redistribution, too, prevented the selection of books suitable for a particular district.

According to the present township library law the books selected for any district remain in the school library of that district. Hence the libraries, except in towns under the township system, are in reality *district* and not township libraries. The name "*township library*" is only a reminder of the original plan of having the books passed on from school to school within a township, and of a still earlier plan of having one centrally located library for all the schools of a township.

The present township library law operates as follows:

Each year the county treasurer retains from the state school fund apportioned to his county a sum amounting to ten cents for each person of school age in the towns, villages, and cities of the fourth class in his county. For the sum thus retained library books are purchased for the schools of the county, each school district being entitled to books in value proportional to the number of children of school age residing in the district.

Each year between April first and September first the books to be distributed to the various school districts in the county or superintendent district are selected by the county or district superintendent, and for cities under a city superintendent by the city superintendent. The books are selected from a list

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prepared under the direction of the state superintendent by the state library clerk. The state superintendent, attorney general, and secretary of the free library commission constitute a committee which lets the contract of supplying the township library books. The contract is let for a period of two years and to the firm which makes the most advantageous bid for supplying the books.

The county superintendent usually asks the teachers and principals of the schools under his jurisdiction to select from the state library list the books which he desires to have added to the school library, the total cost of the books selected being kept within an amount equal to ten cents per capita for each person of school age residing in the district. Guided by these suggestive lists and the lists on file in his office of the books in the library of each school under his jurisdiction, the superintendent decides what books are to be added to the library of each school.

The superintendent supplies to each town clerk, village clerk, and clerk of cities under his jurisdiction, a list of the books selected for each school district of the town, and each village and city school district, respectively. He also certifies to the county clerk the list of books and prices thereof selected for the school districts of each town, and for each village, and each city school district. A copy of the entire list selected is sent to the firm which has the contract of supplying the township library books. The superintendent keeps on file in his office one copy of the list of books which he has selected.

Upon receipt of the list of books selected by any county superintendent, the company supplying the books fills the order for each town, village, or city, and sends the books so ordered to the town, village, or city clerk. Such clerk distributes the books to the schools of his municipality.

Upon receipt of the books, the town, village, or city clerk compares the list of books received with the list of books previously sent him by the county superintendent and immediately reports to the county superintendent.

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If the county superintendent finds the report satisfactory, he notifies the county clerk to draw an order on the county treasurer for the cost of the books thus supplied. The county treasurer then issues a draft for the amount of the order and sends it to the company supplying the books.

The state superintendent has the authority to suspend the operation of the township library law in any school district, town, village, or city which maintains a free public library. Such suspensions are not numerous. Suspensions are granted only upon application by the school board and upon the supplying of information with regard to the free public library and other matters which makes it evident that it is advisable to suspend the operation of the law. Application must be made each year for which suspension is desired.

Unless the school district at the annual meeting elects some other person as librarian, the clerk shall act as librarian. But during the time school is in session, the teacher is to act as librarian, under the supervision of the district clerk or other librarian elected at the annual meeting. During the time school is in session the library must be placed in the school house. Since the general introduction of book cases into rural schools, the library as a rule remains in the school house at all times. This is a great improvement over conditions some years ago when the complaint was general that in many districts the clerk kept the books at his house even while school was in session.

In addition to the township library law, which provides for yearly additions to the library of every school district outside of cities of the first, second, and third class, section 430 of the statutes, gives to the electors of the district the power to levy for library purposes a tax of not to exceed one hundred dollars for any one year in districts having two hundred or more children of school age and not to exceed fifty dollars for any one year in districts having less than two hundred children of school age.

School Libraries in Rural Communities.

By chapter 39, laws of 1907, the school board is authorized to expend for equipment, including books, not to exceed one hundred dollars in any one year, from any funds in the district treasury not otherwise appropriated. The chief advantage which has thus far been taken of this law is in the purchasing of heating and ventilating plants and other equipment necessary to entitle the district to rank as a rural school of the first class and so receive the fifty dollars per year of special state aid for a term of three years. The equipment required before this special state aid can be secured includes among other things supplementary readers, one academic dictionary for every six pupils doing work in the middle and upper forms, one Webster's International dictionary, a suitable book-case, a sufficient number of catalog cards and a case to contain them. The books must be properly catalogued. It will be seen from these requirements that the law granting special state aid to rural schools of the first class will secure for such schools, and that means practically all rural schools, the proper accessory library equipment necessary to make the use of the school libraries effective. Similar requirements are made of state graded schools.

In order that the library books may be in suitable condition for use and to prevent a dilapidated condition of the books which repels rather than attracts readers, schools should be regular customers of some reliable book-binder. Material should be on hand for such repairing as the teacher and pupils can do. The keeping of the books in suitable condition is certainly of equal importance with providing catalog cards and other library equipment.

The township library law is working so well that it should remain substantially as it is. The main effort now needs to be made in securing the proper use of the books which are contained in our school libraries in increasing numbers. To this end it is important that the subject of library reading should continue to be emphasized in the summer institutes for teachers. In order that the great benefit to be derived from the proper

School Libraries in Rural Communities.

use of school libraries may be secured, it is essential that teachers be familiar with the library books and that they understand how to use them in connection with the text-book and for general reading. If the schools will develop in the rising generation a love of good reading and the habit of reading with discrimination, they will do a great service in increasing the general intelligence and elevating the ideals of the citizenship of our land. The many agencies which now have for their purpose the education of the adult population depend for their success on the development of the proper reading habit in school children. It is needless to say that upon the intelligence and ideals of the mass of the people depends the success of a government by the people. In securing such intelligence and in creating such ideals no part of the work in our public schools exceeds in importance that which has for its basis the school library. The success of the township library law cannot but be viewed with gratification by every friend of popular education. The results attained justify the wisdom of the framers of the constitution of the state in providing in that instrument that "The income of the school fund shall be applied to the support and maintenance of common schools in each school district, and to the purchase of suitable *libraries* and apparatus therefor."

TOWNSHIP LIBRARY STATISTICS FOR 1906-'07.

At the time the statistical table beginning on page 9 was printed complete and corrected, library statistics from a number of counties had not been secured.

Corrections made in accordance with reports received later give the following totals for the year ending June 30, 1907:

Amount expended during the year....	\$46,587.55
Number of volumes purchased	88,489
Number of volumes in the libraries...	959,464
Estimated value of the library books...	\$490,140.42

The above does not include libraries of schools in cities under city superintendents.

School Board Conventions.

SCHOOL BOARD CONVENTIONS.

School board conventions have been held annually for three years in every county in the state. No other single legislative act has had such far-reaching results in improving the school conditions in rural communities. The department has endeavored to have some phase of educational work discussed annually in each county school board convention. The first year the topics, School Sanitation, and The Necessary Working Tools of a Rural School were discussed by the department representative; the second year, The School Board and the Teacher; the third year, Consolidation and Township High Schools. The reception which has been accorded the annual opportunity for school officers to meet and discuss topics of mutual interest to them, may be gathered from a reading of statements of county superintendents in different parts of the state.

Of the various movements for the improvement of the rural school the school board convention has, I believe, been most productive of good and fruitful of results. Isolation fosters indifference and the rural school removed from adequate supervision and inspection felt responsible to no one. For lack of definite aims and ideals there was often no standard whatever, and a rural school might be almost anything and still be a rural school. But from our school board conventions Burnett County school officers have gone back to their respective districts with ideas of what a school really should be and with rare exceptions have sought to put these ideas into practice. A determination to remedy deficiencies, better equipment, teachers, higher standards and increased school sentiment have in a very appreciable degree resulted from the school board conventions of Burnett County.

Supt. MABLE AHLSTROM, Burnett County.

The school board conventions have been of inestimable value to this, Trempealeau County.

Most of the men comprising the school boards are actively engaged in business that demands their time and energy. Many of them, when entering the office, have but a slight conception of the problems which confront the persons who have the management of the schools or of the knowledge and time necessary for the solution of these problems.

These conventions addressed by the ablest men of the state have been the means, not only of awakening thought and interest but of stimulating active effort. As a result many new buildings are being erected on the most approved plans. The old ones are receiving new paint and general repairs. The grounds and out-buildings are being looked after by boards and they are requiring teachers to keep these in a proper state of neatness.

School Board Conventions.

The most important result of these meetings is that the boards, teachers and superintendent are learning to co-operate with each other for the betterment of the school.

Supt. CORNELIA CAMPBELL, Trempealeau Co.

These meetings are proving very profitable and helpful and many improvements in rural school conditions have already grown out of them. If attendance is any criterion, these conventions are growing in popularity with the school officers of La Crosse county. At our first meeting there was an attendance of 84 school board members, which seemed an excellent start. At the second meeting the attendance was 98 and at the last convention the attendance reached 131. At the last meeting twenty districts were represented by all the members of the board.

Supt. B. F. OLTMAN, La Crosse County.

The school board convention has resulted in greatly improved conditions in Kenosha County and it has aroused an educational sentiment in the county that is doing much to help the teacher and all others actively interested in the work of education. Wherever a number of people come together now the school comes in for its share of attention. No other measure has ever been enacted that has done so much for the uplift of the country schools as the one which provided for school board conventions.

Supt. JOHN KERWIN, Kenosha County.

The school board conventions held in Shawano county have been very helpful. The officials of the county have been brought together and the discussion of mutual interests has resulted in more intelligent views and more liberal sentiments. The conventions have enabled the county superintendent for the first time in our educational history to reach the school officers collectively. There is now opportunity to say to them as a body of officers what he would say to each individually. It is easier than formerly to secure desirable things in school house construction, proper equipment is more readily provided and sanitary conditions are receiving more careful consideration.

Supt. L. D. ROBERTS, Shawano County.

The work done in the school board conventions in this county has awakened a new interest in the schools and has aroused the members of school boards to the necessity of better teaching, better equipment and in a few instances, better salaries. It has brought the county superintendent into closer touch with school boards and has enabled him to work more effectively.

Supt. R. C. RAMSAY, Marinette County.

The school board conventions have aroused much interest in school matters in this county and have furnished an opportunity of impressing upon school board members the needs of the schools which have heretofore been neglected. They have been the means of getting many of our schools supplied with the necessary working tools. In my judgment these conventions are worth many times what they have cost, and the law authorizing and compelling the calling of such conventions was a most important piece of legislation.

Supt. J. CARL PENN, Green County.

The law providing for county school board conventions is a most excellent one. Through its operation there has come a general awakening to the needs of the rural schools and a better understanding of the means best suited to meet these needs. The school board members who have attended the conventions have usually gone home and set some improvement going and others have followed their example.

Supt. JESSIE N. SMITH, Bayfield County.

County Institutes.

COUNTY INSTITUTES.

The teachers' institutes for the past two years have shown a steady growth and marked improvement over the institutes of preceding years. There is a uniformity in these institutes that is gratifying in that it shows unanimity of purpose and at the same time is entirely free from the mechanical effects that sometimes accompany uniformity. Every year there is less hot air, as it is familiarly called, and more thorough and substantial work. Provision has been made for a practically uniform work from year to year for those who have had no experience in teaching, or but little. Beginners are required to take primary reading and library reading, school management and manual, and language. Persons who have had successful experience in teaching and have attended one or more institutes are given as much freedom as possible in the selection of subjects. Usually such members of the institute carry at least two advanced branches of academic work. For some years past Wisconsin has kept free from the professional institute lecturer whose main purpose is amusement and entertainment or whose stock in trade consists of stereotype talks of an educational character. The present system might be improved by the addition of two or three inspiring lectures in each county from the outside if our funds permitted. Such lectures, however, are no substitute for the daily work now done in Wisconsin institutes. The spirit of the teachers who attend these institutes can in the main not be commended too highly. They work faithfully, attend regularly and punctually, and, I believe, get great permanent benefit as an outcome. This opinion is confirmed by many county superintendents who have reported the effects observed in their regular rounds of inspection.

The following table presents some interesting facts in regard to the teaching experience and professional training of the

County Institutes.

teachers who attended the institutes held in twenty counties of the state. As these counties are widely distributed, the conditions exhibited represent quite accurately the conditions that exist in the state as a whole.

Column No. I gives the whole number who never taught. Column No. II gives the number who had taught in country schools *only*. Column No. III gives the number who had taught in schools other than country schools. Column No. IV gives the number who had attended either a state normal school or a county training school.

County.	I.	II.	III.	IV.
Dane	64	100	20	17
Ozaukee	16	35	9	35
Sheboygan	60	54	36	31
Jackson	59	61	2	6
Washburn	23	52	1	18
Pepin	14	25	4	11
Buffalo	14	33	12	50
Dunn	37	71	12	99
Monroe	47	92	21	14
Vernon	60	107	9	7
Dodge	43	42	5	6
Fond du Lac	30	90	9	30
Iowa	76	65	12	7
La Fayette	48	66	2	22
Marquette	20	35	3	28
Shawano	30	35	7	14
Brown	40	45	1	15
Door	12	46	4	30
Green	50	58	2	8
Walworth	36	48	7	17

Summary of the above table.

Whole number of counties.....	20
Whole number present	2,117
Whole number who had never taught	779
Whole number who had taught in country schools only.....	1,160
Number who had taught in schools other than country schools.....	178
Number who had attended a state normal school or a county training school	465

It appears from the above table that fully one-third of those who attend the state institutes have had no experience in teaching; that only about 8% of those who attend have taught in schools other than the country schools, and that about 90% of all those who attend are country school teachers, real or prospective.

The County Superintendent.

THE COUNTY SUPERINTENDENT.

The office of county superintendent in Wisconsin is not a sinecure. Recent legislation has so multiplied the duties of the superintendent that it seems essential some positive legislative enactments be made to secure assistance for superintendents, at least in counties where the number of school districts and number of teachers make it impossible for one person to inspect the schools more than once annually. The school board conventions, county institutes, the library law, the inspection of graded schools, tours with the rural school inspector, and teachers' examinations, make such a demand upon his time that he has little additional opportunity to visit schools after he has performed the daily clerical work incident to the office. Vigorous, efficient and frequent inspection of country schools is necessary. It is impossible for one inspector to visit the schools and remain the length of time necessary to accomplish results in each school and perform all the other duties imposed by law upon the county superintendent. Money spent for inspection brings the greatest results of any outlay of school funds, and county boards of supervisors should be urged to provide both an ample salary for the county superintendent, and such clerical office help as will allow him to devote himself to the actual work of inspection of schools. Below are given extracts from a number of the special reports sent in by county superintendents from which one can gain a knowledge of what is being done in the different counties in the state.

SAUK COUNTY SCHOOLS—1908.

The number of pupils of school age who attended school twenty-four weeks or more is 7 per cent. greater than the number who attended twenty weeks or more in 1906-1907. This gain is encouraging and seems to indicate that the compulsory attendance law is making itself felt.

With one more teacher employed the county spent \$4,752.67 more for teachers' wages than was spent during the year ending June 30, 1907,

The County Superintendent.

making an average of \$24.12 more per year for every teacher in the county.

The number of boys graduating from common and graded schools in 1907 was 29 compared with 52 the past year.

A larger number of evening meetings and entertainments were held in the country schools during the past year than ever before. Township graduation exercises were held in a few towns and two or more schools combined in a number of cases. The county superintendent was present at fifteen graduation exercises and others were assisted by the training school faculty and principals of neighboring high schools.

W. H. Cheever spent a week visiting rural schools and helped conduct five evening meetings. The training school faculty gave a large number of evening entertainments in rural schools to help teachers to secure pictures for school room decoration. All of these meetings are doing a good work in advancing educational ideals and bettering physical conditions in country schools.

The special state aid law is helping materially by requiring necessary apparatus. School boards also show more interest in the efficiency of the teacher than before the law was enacted. About seventy of the one hundred fifty districts in the county fulfilled the conditions last year and many more have already made application for state aid for this year.

School gardening and work in agriculture are stimulated greatly by premiums offered in the educational department of the county fair and by corn contests held in connection with farmers' institutes. Two hundred boys took part in the contest last year and an equal number are engaged in growing pure bred varieties of corn and other grains this year.

Reading and speaking contests are held at the county fair.

At the summer institute a teachers' association was formed for the improvement of schools and teachers. A series of strong meetings is planned for this winter to be followed by one or more two-day meetings led by a state conductor.

A large part of the library money this year was spent for books for the youngest children.

A number of the teachers are working to secure better certificates according to the provisions of chapter 445, laws of 1907.

A tenth grade and another teacher were added to the La Valle graded school this year making the number of teachers employed in the county 198.

The training school is doing more for the country schools than to train teachers. The members of the faculty visit a number of rural schools each year. Besides they assist the teachers in selecting and securing pictures, books and kindergarten material and aid in teachers' meetings and institutes.

During the past two years five country school houses have been built and one four department graded school has been erected.

A deputy superintendent was voted by the county board in 1907 and is proving indispensable in a county as large as Sauk with all the new duties that are added to the office by each succeeding legislature.

Yours very truly,

GEO. W. DAVIES.

The County Superintendent.

RUSK COUNTY SCHOOLS—1908.

This special report will show unusual progress in all essentials except growth in size of schools. We have a half dozen new school-houses this year, which is not unusual, but the buildings are better than ever before, owing partly to the effect of the new law regarding building plans and partly to a greater interest awakened by school board conventions.

Nearly all the districts in this county will be entitled to fifty dollars special state aid. Heretofore we have had practically every thing required except ventilating systems, and these have been ordered by all except a very few districts. The conditions are incomparably better for the children than before ventilation was secured.

Children have been carried to school at public expense in several towns and school boards are making better provision for the comfort of the children carried. This ought to make the system more satisfactory to parents; and it is certain that pupils are getting better schools by the transportation plan. There are many difficulties in the way of transportation here, one of the chief being the high price of labor in winter, which is our busiest time of the year. Then we have used cloth covered carriages, and the children are not warm enough in them. Many of our settlers are from Iowa and Nebraska where they have been accustomed to school houses two miles apart and it is the prevailing opinion that land is more valuable with a school house near it. Transportation is decreasing rather than increasing and there are more small schools than formerly. The law giving very limited state aid in transportation has afforded no relief because of the many restrictions in the law. These restrictions should be removed and the law should give aid for the whole school year to all children living more than two miles from school.

The quality of our teachers is improving, more than one-fourth of all have had training in county or state normals, and the institutes have been beneficial by improving methods of teaching. Salaries have advanced noticeably with the quality of instruction.

The county training school has a full enrollment, and the work of this school is having a toning up effect upon nearly all the schools of the county.

I believe that during this year more progress has resulted from laws passed by the last legislature than could have been made in twenty years without that legislation.

Respectfully submitted,

W. N. MACKIN,

SHAWANO COUNTY SCHOOLS—1908.

The legislative enactments of two years ago together with the rulings of the department of education, at Madison, since made, have had the effect to create favorable sentiment toward the public schools. The country schools in particular have been most benefited by the recent movement.

It is probable that forty per cent of the country schools will pass inspection as first-class schools this fall; and it is probable that fifty per cent of the remaining schools will be able to qualify under the law one year hence. Eventually, it is certain that the remaining schools will come into the same class.

The County Superintendent.

Owing to the fact that the required census provided for under the compulsory attendance law was not taken last year, and therefore no lists available for the various teachers of the schools, warning notices only were sent out. There were no prosecutions last year for non-attendance at school of those coming under the compulsory law. However, it is expected that the law will be given a fair test during the present school year. People will be fully advised thereto, and the necessary lists will, in most cases, be supplied. The warnings sent out seem to have insured a better attendance, for the total number of days' attendance in the public schools increased considerably the past school year; and what is true of the public schools is also probably true for the private schools. The law is mutually beneficial to all classes of schools.

In the matter of heating and ventilation, the tendency has been to conform merely to the minimum requirement of the law as interpreted by the department of education. As a result, while conditions have been very much improved in these particulars, we have not reached the generally accepted scientific standard. A spirit of mere commercialism seems to have dominated this interest. That is, the tendency has been to keep strictly within the hundred-fifty dollar bonus limit obtainable from the state in the matter of equipment rather than to secure perfect sanitary conditions.

Counting in two entirely re-modeled old buildings, seven new school houses have been built in Shawano county during the school year. With one exception, general plans for these were approved by the county superintendent and in the main followed in construction; and in all, due consideration was given, under the minimum department ruling. All things considered, school conditions have improved very much the past year.

Respectfully submitted,

L. D. ROBERTS,

IRON COUNTY SCHOOLS—1908.

Great improvement has been made during the past two years in the physical conditions and general equipment of our schools. The special aid for rural schools has been an incentive for the general improvement of this class of schools. Five rural schools have installed improved systems of ventilation during the past year and several others will do so soon. Three schools made application for the special aid last June.

Three modern school buildings were erected last year.

Iron county has one four-year high school and two state graded schools of the first class. Fifteen pupils received graded school diplomas last June. Ten pupils received common school diplomas.

At the institute last October fifty-four teachers were present. There were fifty-five teachers in the county at that time.

One school board convention was held at Hurley last fall. The attendance was fair but should have been better.

With one exception, all the school districts furnish free text books.

There is still room for the improvement of the physical conditions of the rural schools of this county, but considering the activity of the boards during the past year, I feel that all our rural schools will soon be brought up to the required standard.

Respectfully yours,

CHARLES D. LENNON,

The County Superintendent.

LA CROSSE COUNTY SCHOOLS—1908.

It has been my intention to write a special report for your biennial school report, but my time has been so fully occupied the past two weeks with work incident to the building of our county agricultural school, together with a school exhibit (including arithmetic and spelling contests) at our county fair, that I have been unable to find the time to do justice to such special report. However, I enclose herewith my last two annual reports to the county board as possibly containing some items suitable for the said biennial report.

I may add that the two most pronounced features in rural school affairs of this county at the present time are the school board conventions and the effort made to meet the requirements of the special aid law. (1) Our school board convention for the school year ending June 30, 1908, was held at West Salem, January 2, 1908. This was the fourth of such conventions held in La Crosse county, and the third under the law making the calling of them by the county superintendent mandatory. These meetings are proving profitable and helpful, and numerous improvements in rural school conditions have already grown out of them. If attendance is any criterion, then these conventions are growing in favor with the school officers of La Crosse county. At our first meeting, 1905, there was an attendance of 84 school board members, which, under the circumstances, was excellent. At the second meeting, 1906, the first one under the law, we had an attendance of 98; at the 1907 meeting there was an attendance of 131; and at the last meeting there were present 138. At the last meeting 22 districts were represented by all three members of the board; 28 districts by two members; while only four, all but one among the most remote districts in the county, were not represented. (2) As to the special aid law, a practically unanimous effort has been made in this county to meet the requirements of said law the first year, and all but 6 or 7 of our 64 one-room schools will make application for the first \$50 installment of the said aid this year. Two new school buildings are being erected this summer because of this law, and two or three more will probably be built the coming school year.

On the whole, the rural school situation in this county seems to have improved greatly the past few years.

Yours very truly,

B. F. OLTMAN,

ROCK COUNTY SCHOOLS—1908.

A strenuous effort was made to secure better teaching, better equipment and better environments, during the last year. In a few cases no satisfactory results were obtained, but in most cases the teachers did better work than usual, and never before have so many improvements been made in a year in this district. To some extent this was due to getting schools to see that it was a good business proposition to work for the \$50 state aid, but in a number of cases the results were the outcome of several years of persistent effort. The most striking instance is the securing of a vote of \$2,000 for a building and equipment to replace the worst building in the superintendent district. This new school house is now well along toward completion.

The County Superintendent.

Improvement of the teaching and of the schools is being discussed among the people here quite generally, and this is helping the work considerably. People are more willing to pay better wages for the right kind of teachers, but the great difficulty is to get enough well trained and well qualified teachers.

Most of the districts have complied quite fully with the laws on out-houses, and over one-half of them have either installed or contracted for heating and ventilating systems.

The compulsory education law was repeatedly brought to the attention of teachers and people, with a quite general effort on their part to comply with it. It is hoped that the coming year will show even better results.

A system of report cards and attendance certificates has been kept in use, and will be continued. In many cases the results have seemed to me better than the compulsory law, as the motives for attendance were of a higher order.

While there is much that still needs improving, on the whole the past year has been one of much encouragement, and the outlook is cheering.

Respectfully submitted,

O. D. ANTISDEL,

FLORENCE COUNTY SCHOOLS—1908.

The district schools of Florence county, as a whole are in a much better condition than those in counties further south. This I know to be a fact from personal experience. The school houses being built later are up to date, well lighted, and furnished; while some of those schools further south were built thirty or forty years ago, but still seem to be in commission. Another reason for having better schools up here is that the voters of the school districts often pay only a small per cent of the taxes. The larger part being paid by outside companies owning timber land.

In all the schools text books are furnished free or a nominal rent is charged, which is a great advantage over the old way, of each pupil furnishing his text books and often such pupil bringing a book used by his father or grandfather. In seventy-five per cent of the schools, slates are done away with and paper, pencils, ink, etc., are furnished free by the district. Single desks are used throughout the county with one or two exceptions.

The wages paid are fairly good, hence good teachers are put in our schools. About fifty per cent of the teachers have state certificates and most of the remainder have attended the normal or high school. Only one teacher has a third grade certificate.

In about four districts the pupils living over two miles from school are transported.

The teachers are paid full time when attending a Teachers' Institute, which gives us a good attendance.

One thing in which Florence county is behind times is the salary paid their county superintendent.

JOHN ELMER,

County Training Schools for Teachers.

COUNTY TRAINING SCHOOLS FOR TEACHERS.

The popularity of the County Training School for Teachers has in no wise diminished during the last two years. In fact, so universal has been the success of these schools the legislature passed a law authorizing the establishment of four additional schools, making a total of twenty, and four county boards of supervisors very promptly made application for the schools. At the present time the total number authorized by law is in operation, and one county board of supervisors has already passed resolutions authorizing the establishment of an institution of this character as soon as the legislature makes provision for a larger number.

The course of study has been strengthened and covers two years of work. The more advanced and older students are still allowed to finish the course in one year. The majority of the students, however, find it necessary to devote the larger part of two school years to the finishing of the prescribed work. Practice teaching in the schools of the city in which the institutions are located, is an important feature, and is being strengthened in every way possible. The graduates of the County Training Schools find no trouble in securing the better positions in the rural schools of the county, and their success in the work is the real source of the popularity of the schools. Special and statistical reports of the schools follow.

MANITOWOC COUNTY TRAINING SCHOOL FOR TEACHERS.

The enrollment during the past year has been the highest in the history of the school. The attendance also has been very good. One very encouraging feature is the large number of young men that attend. The next year's class promises to be especially strong in the number of men going out into the work.

The school has now graduated 165 persons. Of these 80 taught in the county the last year. The total number of children coming under the influence of these teachers is about 3,300. This gives us an idea of the great amount of good an institution of this kind can do. It

County Training Schools for Teachers.

may be a center from which intelligence and power radiate to practically every part of the county. The school becomes a means of unifying the teaching force and thus strengthening the whole work. Better co-operation is the result.

Again we wish to call the attention to the importance of keeping in mind the purpose of the school,—the preparation of teachers for the country districts. In this connection two fundamental considerations should be taken into account: first, the material which ought to be especially sought, and second, the work to be done with this material when it has been secured.

To be successful as a teacher in the country it is necessary that a person be in full sympathy with country life. In addition to this a teacher must know country conditions. It is the strongest young people of the country districts who ought to be encouraged especially to take up this work, as their early training is a foundation which gives them a decided advantage over those who are brought up in the city. As a rule they will understand the conditions better. They have the country, therefore, most of these teachers ought to come. It should not be understood, however, that students from the city should not be admitted. This is only to show from where we ought to expect the a practical training which is very essential to successful work. From greatest number of teachers for the country schools.

Having selected the material from which the teaching force is to be developed, the question arises as what work shall be taken up in order to fit them for the successful performance of their task. We reiterate that nothing can take the place of thoroughness in the common branches. It ought to be the work of the training school, in its present state of development at least, to train its students in the fundamentals. A little smattering of the so-called higher branches is not synonymous with culture. We must keep in mind that it is the duty of these schools to furnish good teachers for our elementary schools. For this reason much attention is put upon training the students to teach the little folks rather than to give the students themselves a thin veneering of intellectual polish. Furthermore, we are trying to have the students become proficient in the practical work of the course. What the country school needs most is a body of teachers who can teach the boys and girls to do the common every day things of life in the best way and thus add more value and joy to their lives.

The training school should not be a preparatory academy. The students should have a good knowledge of the common branches when they enter. For the coming year we have made a first grade diploma (average 80—minimum 65) the minimum entrance requirement. By demanding a better preparation before students are admitted the standard of the school can be raised and the efficiency increased.

During the past year we employed an extra teacher during the time the students had their practice work and we shall do the same the coming year.

We believe that the young people are realizing more and more the necessity of hard earnest work in the teaching profession. We demand of our young people that school duties must ever be their first consideration. A student can not dissipate and at the same time do successful school work. A person whose chief thought is amusement is a positive danger to the children under her charge. While we want the teacher to be sociable and enter into the life of the community we want them first of all to realize that their work is a sacred trust and that they must always be ready to do this work to the best of their ability.

County Training Schools for Teachers.

We believe also that the training school should extend its influence beyond its own walls. To this end the teachers have visited schools during the year whenever possible in order to see how their former students are doing their work. They have visited other training schools also to get new ideas. The principal has been around to many evening gatherings during the year speaking to the people on educational topics. The students have been out to visit country schools and in this way have observed conditions existing in the schools they are to teach.

Another form of work that has been encouraged is nature work. Excursions have been made into the country for the purpose of observation. These have been productive of much good and we intend to continue the same policy the coming year. All this field work is very important.

Agriculture and physical geography are essentially out-door studies and should be studied from nature's text book.

The coming year promises to bring to us a larger number of students than we can accommodate and we shall have to select those who are best prepared for the work.

We submit also herewith our financial report.

JOS. CONNELL,
President.
C. H. SEDGWICK,
Treasurer.
W. E. LARSON,
Secretary.

Principal's Report.

School opened September 2, with an enrollment of 56, the largest in the history of the school. Of this number 22 were young men.

A large enrollment ought not to be the aim of the school but enough ought to graduate each year to about fill the vacancies which occur in the district schools of the county.

The qualifications and age of those admitted should from time to time receive serious consideration.

In my judgment it is not meet that the work done in the training school should be that of the eighth grade or its equivalent.

"Grading down" is taking up the work that legitimately belongs to the elementary schools and it seems to me the training school fails in its function when it encroaches upon the work that the elementary schools should do.

No one ought to be admitted who has not a first honor diploma, its equivalent or something better.

I would suggest that the age of admission be gradually raised. A person at the age of seventeen has usually not that balance and dignity that is needed in controlling and guiding children as they should be controlled and guided.

I would further suggest that an extra assistant be employed during the time of practice teaching.

The principal has been out frequently visiting the graduates of the school to offer help and suggestions where needed and this is a very important part of his work.

Field work has been done extensively and intensively during the year with the students. This is needed to redirect the work of the country schools.

County Training Schools for Teachers.

Care should be taken in this work for what appeals to man may or may not appeal to the child.

What is useful to a grown up may or may not be useful in training the mind of the child in school.

What is of life interest to the child should receive the first consideration as to what should be taught.

FRED CHRISTIANSEN.

RUSK COUNTY TRAINING SCHOOL.

In conformity to custom I herewith present to you a report of the condition of the Rusk county training school. The information herein contained may properly be transmitted by you to the state superintendent of public instruction and to the county board of supervisors.

The school opened September 9, 1907, in the circuit court room. It has been in session three months. The purpose of a county training school is to prepare teachers for the public schools. To this end its students must be thoroughly taught the knowledge which they, in turn, must teach, and the best methods of presenting said knowledge to the learner's mind. In addition, the student-teacher must be instructed in the art of management, and must be taught the proper relation of teacher and pupil, teacher and patron, teacher and school board, teacher and community. The school has for its purpose one particular thing, and the atmosphere thereof is permeated with a desire for the best and determination to attain to the best preparation possible under our conditions.

The total enrollment is thirty-nine. Of this number, thirty-seven are in daily attendance. The average age of all students is eighteen years. The average age of prospective graduates for this year, at the time of graduation will be almost twenty years. You may be interested to know what the preliminary preparation of our students is. Eight have had four years of high school work. Eight have held certificates and have taught school. Twenty-one have completed the ninth grade, or above. Seven have finished the eighth grade and three are irregular.

You may be interested in the following comparisons with training schools in other counties, data for which I happen to be in possession of. In a school that has been in session six years there are fifty-nine students in attendance. Of this number, ten have had four years of high school work, two have taught school, and twenty-eight have finished the eighth grade only.

In a new school that opened in September, 1907, in one of the old and populous counties there were, in the early part of the session, forty-six students. Of this number nine were considered well enough advanced to enable them to be entered on the books as prospective graduates for this year. Thirty others had previously finished the eighth grade.

I recently visited a school in another county, that began in 1906. There were graduated therefrom in June, 1907, a class of eleven.

The present indications are that there will be ready to be graduated from the Rusk county school in June, 1908, a class of from fifteen

County Training Schools for Teachers.

to twenty. These students will be fully up to the highest requirements of the state.

It is the policy of this school to encourage its prospective students to get the best preparation offered by the home school. A student can not be too well prepared before he comes to us. However, we are mindful of the fact that this school, of all schools in the county, is created by the representatives of all of the people; that it is maintained for the people, and that it must render the greatest possible service to all of the people of Rusk county. We are also mindful of the fact that there are many capable young people in this new county, who, for various reasons find it impossible, or at least extremely difficult to fit themselves with the best preliminary education before coming to the training school. To such I may say "be of good cheer." You were in the minds of the educators and of the legislators of this state who are the fathers of Wisconsin training schools. They saw you in advance, and their great hearts felt your conditions. When county training schools were established the doors of opportunity were opened to you.

The course of study in every training school must, by the very nature of things, be elastic. The standard for graduation is high and exacting. The requirements for entrance involve reasonable maturity, desire to prepare for the work of teaching, and as a minimum, graduation from the eighth grade, or ability equivalent thereto. Persons who enter with the minimum preparation are classed together and require two years, more or less, to complete the course. The exact time depends on the individuality of the student and extent and intensity of application to the work of the school.

In conclusion, I may say that we have every reason to be satisfied with the start our school has made. The number of students in attendance is larger than was anticipated. From point of maturity our students are older than the students in many of the training schools. From point of preliminary preparation, we have a larger per cent of strong students and a smaller per cent of students of minimum preparation than many of the other schools.

The institution is thus fairly launched. But it must grow and develop so as to be prepared to meet the ever increasing needs of this rapidly growing county. It will need the support and co-operation of all the friends of education.

I have faith that the spirit of progress, the keen discernment of what really makes for common good which prompted the establishment of the school will be ever ready to support it, that it may render its greatest possible benefits to all of the people.

Respectfully,

R. H. BURNS

County Training Schools for Teachers.

SAUK COUNTY TRAINING SCHOOL.

During the second year of the school's history there were enrolled fifty-three pupils, among whom were one high school graduate, eight teachers of more than one term's experience, eight graded school graduates and twenty-six common school graduates. More than twenty of these had attended high school one year or more.

Ten young women graduated during the year and have since secured schools. Of the ten, four completed the course in one year. All who graduated last year secured schools and, in the main, did satisfactory work.

Fewer graduated the second year than the first because of the installation of the two-year course, at the beginning of the second year, and because the requirements for graduation were made more rigid. While the two year course has reduced the number of graduates it has greatly strengthened the work and product of the school.

During the year the faculty visited the schools of sixteen graduates, together with those of several teachers who had never taken or completed the work of the school. On these occasions a few members of the senior class visited with the faculty. Thus all seniors had an opportunity during the year to observe actual rural school conditions.

Since last September the training school teachers have assisted in two school board conventions, two farmers' club meetings, one farmers' institute, one spelling and language contest, several teachers' meetings and institutes, four commencement exercises in rural and graded schools, and from ten to twenty school entertainments for rural schools. The attendance upon these meetings gave us an opportunity to become acquainted with many of the residents of the county to whom we explained the purposes and work of the training school. In many of the entertainments the lantern was used, and a small admission fee charged. The teachers in charge invested the net receipts in pictures, for school room decoration. We were thus able to help the rural schools secure nearly forty large framed pictures and at the same time entertain and instruct those who attended the meetings.

Our expense account was rather large for the following reasons: one member was added to the faculty; tools, sewing tables, a range, a gasoline stove, dishes, cooking utensils, wood, flour, potatoes, etc., to use in the cooking, sewing and manual training work; a compound microscope to use in agriculture, physiology and other science work; a Babcock milk tester to use in agriculture, a tuberculosis testing outfit, to use in illustrating talks on tuberculosis and the care of milk; a lantern, about 240 slides, electric, calcium and alcohol lamps to use in the evening meetings, in the training school rooms and in the rural schools, were purchased. The public meetings have done much to bring the training school in more direct contact with the people. We believe they have been helpful to the people and the school. We are of the opinion that they have helped to increase our attendance. We hope to hold a number of meetings this winter. A number of reference, text, and library books, a filing case, chairs and other necessary supplies were purchased during the year.

In addition to the above we helped the rural schools secure pictures, books and material for busy work. Although the cost of pictures, books, cardboard and material for busy work have increased our expense account considerably, we have received, or shall have when all

County Training Schools for Teachers.

pictures, books, etc., are sold, an amount fully equal to that expended. The credit account for these will eventually balance the debit account.

The two-day educational meeting held in December cost twenty or twenty-five dollars but we feel that those who attended received more than twenty-five dollars' worth of good from the addresses of Dean Russell, President Salisbury, R. A. Moore, L. W. Wood, J. M. True, George McKerrow, James A. Stone, Superintendent Davies, Mr. Beardslley and others.

The courses in cooking, sewing and manual training have proven popular and helpful. Sewing, algebra and physical geography are optional but the classes are large.

At the time of this report we are entering upon our third year's work with an enrollment of sixty two. We have reason to think the enrollment will reach sixty-six or seven before the opening of the second quarter.

We are pleased with the spirit and work of the pupils. We trust that the people of the county will visit the school, attend the public meetings and send their boys and girls to the training school.

Miss Babcock resigned on Sept. 9th and the vacancy was filled by the election of Miss Ferne V. Dollar of Oshkosh. Miss Dollar is a graduate of the Oshkosh State Normal school and Teachers' College, Columbia University, New York. She is well qualified in every way to handle the work assigned her.

While we are quite comfortably located in commodious quarters, yet we shall be able to do better work when we have a well ventilated, well lighted, well heated and well equipped building of our own. We shall be glad to get near enough to the ground to do school gardening, raise and care for shrubbery and enjoy the school ground during intermissions. One room in the building should be large enough to accommodate farmers' and teachers' institutes.

We feel that the school is meeting with success and that under the broad minded direction and control of the present board it will continue to extend its sphere of usefulness.

Very respectfully submitted,

G. F. SNYDER,
Principal.

EAU CLAIRE COUNTY TRAINING SCHOOL FOR TEACHERS.

Three teachers have been employed during the year: Principal W. A. Clark, Franc Wilkins and Clara McNown.

Miss McNown resigned at the close of the year to take the position of assistant in the Rice Lake training school and our board has elected Lydia Wheelock to fill the vacancy.

The new building which was erected at a cost of eighteen thousand dollars was occupied during the spring and the school finds it commodious and convenient in every respect. The board has provided furnishings and equipment so far as funds would permit and hope in the near future to have everything complete.

The board look upon this as our most successful school year and the

County Training Schools for Teachers.

patrons are pleased with the results of the work. With the better facilities we look forward to greater prosperity.

GUS DITTMER,
President.
R. H. LOETHER,
Treasurer.
LURA A. BRUCE,
Secretary.

Principal's Report.

This school has completed the third year of its service to the county with gratifying results.

The total enrollment for the year reached seventy-five, the largest in the history of the school, of whom all but two were females. The enrollment by quarters was as follows: First quarter, fifty-five; second and third quarters, fifty each; and fourth quarter, forty-six.

Five students completed their work and received certificates at the end of the first quarter, six at the end of the second quarter, three at the end of the third quarter, and eight at the end of the fourth quarter, making the total number completing the course, twenty-two.

Of those who finished before the last quarter, all but two were actually engaged in teaching before the close of the year.

The total number of graduates for the three years is now sixty-two, of whom one is deceased and two are married. All of the others, with the possible exception of one or two, will be engaged in the work of teaching next year.

From reports received from official inspectors, school officers and patrons, I believe that in a large majority of cases our graduates are meeting the expectations of the people regarding them.

On the 10th of February last, the school moved into the beautiful new building erected for its use by the county. This building is a model of comfort and convenience and has given a strong impetus to the work of and interest in the school.

We regret to report the resignation from our teaching force of Miss Clara McNow, who has accepted a position in the Barron county training school.

We were fortunate, however, in securing for the vacant place Miss Lydia Wheelock of Stevens Point. Miss Wheelock is a teacher of excellent scholarship, long and successful experience, both in grade and high school work, and will, we believe, prove a valuable addition to the ranks of training school teachers.

During the coming year we hope to still further strengthen the work of the school in several lines, particularly in drawing and agriculture. A laboratory will be fitted up and equipped for experimental work in agriculture and a room suitably furnished for work in drawing.

All things considered, the outlook for the future of the school is very satisfactory indeed.

Yours very truly,

W. A. CLARK.

County Training Schools for Teachers.

DUNN COUNTY TRAINING SCHOOL FOR TEACHERS.

As in former years the school has been prosperous in every way. The school has been in session for ten full months of four weeks each. There were ninety applicants admitted and eighty-nine enrolled during the year. Two girls and two boys withdrew early in the year but the remainder stayed for the full term's work. The enrollment for the year according to entrance qualifications is as follows: Ten have had high school training of which two were graduates of a four year's course, one had three years, one had one and a half and the remainder one year; seven entered from the ninth grade of state graded schools and sixteen from the eighth grade of which three were from the city grades; forty-six came from the country schools per force of the common school diploma and entered by the special examination provided for that class of applicants; ten were admitted by regular examination and one because of a teacher's certificate.

Thirty-three students were graduated on June 19th of which four were boys. There are forty-six under graduates remaining, of which six are boys.

During the year thirty-four schools were visited for the purpose of inspection and of observation by classes in the normal school. Ten of the number were observed and inspected by graduating seniors. A large number of graduates in the field of teaching have been kept closely in touch with the faculty by correspondence and reports. Both the visitations and the correspondence are worth while and should be continued with even greater emphasis. There are two great advantages arising from this plan of supervision—one in that the faculty are kept very close to the actual problems of the country school situation and the other the material assistance received by the graduates of the school.

The harmonious relations between the normal department and the school of agriculture have been the unvarying rule and an interchange of work has gone on as in the years just past. The normal has taken one full period at least for agricultural classes in English during the entire year while the other school has given instruction in carpentry, domestic science and the laboratory work in agriculture for the normal pupils who were scheduled to take those subjects.

The lyceum work started last year has flourished very satisfactorily during the past year. The sessions have been well attended and the interest in the work unflagging. Several formal debates have been held and one parliamentary contest independent of the lyceum work. As this work is all voluntary and that there were upwards of seventy members during the year there is much of praiseworthy effort in this connection. It is the present plan to continue the work next year.

The alumni association of the school has been reorganized under a better code of rules and the year just closed witnessed a very marked interest in the annual events incident to the close of the year's work. In the future the organization will be prosperous and very active in the interests of the school and those of the country school welfare.

The prospects for the coming year are very good for a full school. There are many applications from outside of the county each year, but during the past year we have not been able to accommodate more than two pupils on account of room.

The work has increased greatly during the past few years as the school has reached its full capacity. This is especially true of the

County Training Schools for Teachers.

clerical work in connection with the book records and the office. The increase in the matter of practice teaching has necessitated the running of practice classes during the entire year and this has added greatly to the work of that department. The library has been increased thus adding to its efficiency. The work of card-cataloguing is practically complete and we look for a much better use of the books in the future. This has entailed considerable work and in the future the work of taking care of the books in proper shape will necessitate additional work over that in the past.

The proposed addition of a fourth person who shall serve in the double capacity of clerk and elementary teacher for classes now crowding the regular departments is an absolute necessity to preserve the work in its present state of efficiency.

The practice teaching for the past year has been done in the city grades under more and more unsatisfactory conditions arising from lack of room and opportunities sufficient for our growing demands. We must share the opportunities for practice with other interests which are steadily increasing in their demands for similar privileges. This amounts to a gradual lessening of chances for good practice work and increases greatly the supervision of that which is done. Very soon special plans for the proper practice must be formulated and executed. I know of no better plan than the one that has been proposed of opening a one-room model country school in or near the normal building, transport pupils from the near by country districts in such a way as not to increase the cost of the instruction to those districts over what they are paying now, provide every means of instruction and place the whole under the complete supervision of the normal school. That such a plan is feasible under the offered assistance of Mr. Stout to secure each of those districts against all expenditures over and above the average cost of instruction and maintenance of their schools under the present plan. Such a plan would secure to those districts entering it, better service and better care of the children than they are getting now. It would give the right opportunities for observation and practice for the outgoing teachers of our schools. It would give a practical demonstration of the working of a consolidated school on a small scale and all this at absolutely no risk to any district participating in the proposed plan.

The various members of the faculty have been present at and participated in the meetings of the teachers in various parts of the county. Under the new plan of sectioning the county into four or five districts, the faculty has been much in demand and has given unstinted service along this line of endeavor. The principal has edited a column in one of the county papers during the year in which the interests of the schools have been kept before the people as well as could be done under the circumstances. The school has kept one or more traveling libraries in the field in those districts without adequate library facilities. Magazines and professional papers have been distributed where such periodicals could be of service. To this end many magazines have been collected from files donated by friends interested in the welfare of the school. All these various helps will be continued next year, under more perfect arrangements and better facilities for carrying on the work.

The demand for our teachers still exceeds the supply. The outside demand during the past year was far in excess of the supply. There is no evidence in sight that the demand will be proportionally less in the coming year. The wages of the teachers in the country has been slightly on the increase.

County Training Schools for Teachers.

In conclusion, I wish to thank the board for their good will and sympathy with the work of the school, for their untiring efforts in behalf of the welfare of the school and for their courteous attitude towards us personally.

Very respectfully,

G. L. BOWMAN,
Principal.

DUNN COUNTY TEACHERS' TRAINING SCHOOL.

Our teaching force the past year consisted of G. L. Bowman, principal, with Elizabeth Allen and Nora Murley as assistants. We cannot express to you the gratitude we, as a board, feel toward these faithful workers. Miss Allen, who has been with the school since its beginning has done more perhaps than any one else to build up the country school teachers of Dunn county. Mr. Bowman, we believe indispensable to our school, while Miss Murley has made a place peculiarly her own.

We believe that the work of the training school is bringing visible results in the country schools of our county. Fully two-thirds of our schools are now filled with its graduates, with the demand for trained teachers steadily growing.

Although the standard for admission has been constantly raised, we have no trouble in filling the school to its fullest capacity.

As in the past, the faculty has gone out when time and opportunity permitted to inspect the work of the training school graduates in the country schools and to give help and advice where needed.

The exchange of work between the county training school and the county agricultural school has been carried on this year as before. This we believe is a decided advantage to both schools.

We, as a board, feel that the training school is doing a splendid work for the young people who come within its influence.

Respectfully submitted,

J. H. STOUT, President,

JENNIE M. BRACKETT, Secretary.

WAUPACA COUNTY NORMAL SCHOOL.

In presenting this, the sixth annual report of the Waupaca County Normal School, I am glad to be able to report progress. Other reports have been filled with hope. Now we are beginning to be able to report achievement. We have dwelt largely on prospects; now we might dwell for considerable length on performance.

The school has enjoyed its opportunities in the new quarters in the new ward building on the north side of the city of New London. The rooms are pleasant, if small, the building well equipped and well cared for, the teachers of the grades in which the practice work was done uniformly courteous and agreeable.

But little has been added to the equipment of the school during the past year. The board authorized the purchase, at the request of the inspector, of a small amount of physical apparatus and a few text books have been added to the supply to meet the demands of the new

County Training Schools for Teachers.

course. We now have a very complete equipment which will only need occasional minor additions to keep it in good condition. I recommend to the board the purchase of a piano to take the place of the organ now in use as the organ which was an old instrument when placed in the school is hardly suitable for the work in music which the school attempts to do.

The rearrangement of the courses has been of great value to the work of the school by securing a more even classification and by allowing us to offer two years of consecutive work to the common school people who came to us. These two-year course graduates, the first of whom will go out next year, will be very creditable representatives of the school and, we are persuaded, will do most excellent work in teaching.

The addition of a third member to the faculty has been of inestimable value to us. It has enabled us to do more personal work with the pupils, to give a regular course in common school music, to offer some work in construction or manual training and to give much closer attention to the practice work and observation than we have ever done before. It has also enabled the principal to get out among the schools a little more and to help teachers in arousing interest in their local communities.

Of the 98 graduates of the school 79 were in actual service during the past year. With but two or three exceptions all did excellent work and gave complete satisfaction. Fifteen of the graduates have married since graduation. Five alumni were in the normal schools. Of the remainder one is dead, three have since taken courses in stenography and the others are engaged in other forms of work.

The school has enrolled a total of 50 pupils during the year with an average attendance of 41. We graduate a class of 17 members and hold over for another year a class of 21. The others have dropped out for one reason and another, some finding the work too hard, others discovering that they were not adapted to the work of teaching, while still others, coming for special work, completed it and went out to teach. The size of the class which is the smallest one graduated with the exception of the first is accounted for by the change in courses whereby several people that might have completed the old one-year course are held over to do two years of work.

I can not bring this report to a close without an expression of my satisfaction at the attitude of this board toward the school and of appreciation of the liberal manner in which they have responded to the requests for improvements in equipment. Much of the success which the school has achieved is due to the board which has so loyally upheld its work and so patiently awaited results.

In addition to the purchase of a piano for the school I should like to recommend the exchange of the Wright's Constitution now in use for the Sanford and James' "Our Government," published by Chas. Scribners Sons. Also would recommend the exchange of the McMaster's U. S. History for some more satisfactory book.

For account of receipts and expenditures during the year see the financial statement attached herewith.

All of which is respectfully submitted,

Yours sincerely,

C. B. STANLEY, Principal.
W. E. SMITH, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE BARRON COUNTY TRAINING SCHOOL
 FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The first annual, statistical and financial report of the Barron County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

	Male.	Female.	Total.
No. teachers.....	1	1	2
No. pupils enrolled.....	..	41	41
No. graduates for year ending June 30, 1908..	..	9	9
No. graduates since school was organized....	..	9	9
Average age of students at date of enrollment	..	18	18
No. persons enrolled who have previously taught	12	12
No. non-resident pupils enrolled.....	..	1	1

FINANCIAL REPORT.

Receipts.

County tax levied by board of supervisors.....	\$4,000 00
From tuition fees from non-resident pupils.....	2 25
Rent of books.....	75 56
Total	\$4,077 81

Disbursements.

Salary of principal.....	\$1,600 00
Salary of the first assistant.....	900 00
For postage and stationery.....	16 49
For printing.....	68 30
For school furniture.....	443 55
For school apparatus.....	98 01
For library and reference books.....	383 90
For janitor's services.....	188 00
For fuel.....	173 36
For all other purposes: Insurance, \$120.89; telephone, \$16.70; repairs, work and material, \$571.78; freight and drayage, \$44.76; sundries, \$24.04.....	778 17
Total	\$4,649 78
Deficit July 1, 1908.....	\$571 97

T. T. HAZELBERG, President.
T. H. LAGE, Secretary.

County Training Schools for Teachers.

**ANNUAL REPORT OF THE BUFFALO COUNTY TRAINING SCHOOL
FOR TEACHERS.**

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The sixth annual, statistical and financial report of the Buffalo County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....	200		
		Male.	Female.
No teachers.....	1	1	2
No. pupils enrolled.....	11	35	46
No. graduates for year ending June 30, 1908..	2	15	17
No. graduates since school was organized....	25	107	132
Average age of students at date of enrollment	16.4	16.6	..
No. persons enrolled who have previously taught .....	..	1	..
No. non-resident pupils enrolled.....	1	2	3

FINANCIAL REPORT.
Receipts.

Balance on hand for year ending June 30, 1907.....	\$433 06
Received from the state per Chapter 509, Laws of 1905....	2,379 98
County tax levied by board of supervisors.....	1,250 00
Rent of books.....	83 75
From all other sources.....	11 27
Total	\$4,158 06

Disbursements.

Salary of principal.....	\$1,750 50
Salary of the first assistant.....	1,100 00
For postage, express, freight and drayage.....	15 26
For printing and stationery.....	62 50
For school apparatus.....	152 55
For subscriptions to periodicals.....	16 47
For library and reference books.....	169 13
For janitor's services.....	175 00
For fuel.....	117 25
For all other purposes: Salary, president and treasurer, \$10.00; miscellaneous, \$53.48.....	63 48
Total	\$3,622 14
Balance on hand July 1, 1908.....	\$535 92

NIC WEINANDY, President.
H. J. NICHHAUS, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE EAU CLAIRE COUNTY TRAINING
 SCHOOL FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The third annual, statistical and financial report of the Eau Claire County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

	Male.	Female.	Total.
No. teachers.....	1	2	3
No. pupils enrolled.....	2	73	75
No. graduates for year ending June 30, 1908..	2	20	22
No. graduates since school was organized....	3	59	62
Average age of students at date of enrollment	17+	17+	17.2
No. persons enrolled who have previously taught .....	..	1	1
No. non-resident pupils enrolled.....	..	6	6

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1904 (Overdrawn \$811.11)	
Received from the state per Chapter 509, Laws of 1905....	\$3,045 98
County tax levied by board of supervisors.....	3,000 00
From tuition fees from non-resident pupils.....	127 50
Rent of books.....	87 75
Total	\$6,261 23

Disbursements.

Salary of principal.....	\$1,800 00
Salary of the first assistant.....	1,200 00
Salary of the second assistant.....	900 00
Salary and expense of board members.....	108 00
For postage and stationery.....	9 89
For printing.....	43 60
For school furniture.....	511 07
For school apparatus.....	27 80
For subscriptions to periodicals.....	5 50
For library and reference books.....	40 22
Text books.....	44 37
For janitor's services.....	110 91
Supplies	67 37
For all other purposes: Lighting fixtures, \$286.30; light, power and telephone, \$41.25; freight, dray and express, \$36.30; traveling expenses (faculty), \$12.26; sundries, \$38.57	414 68
Total	\$5,283 41
Balance on hand July 1, 1908, less over-draft of last year	\$166 71

GUS DITTMER, President.
LURA A. BURCE, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE LANGLADE COUNTY TRAINING
 SCHOOL FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The second annual, statistical and financial report of the Langlade County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....			200
No. teachers.....	Male.	Female.	Total.
	1	1	2
No. pupils enrolled.....	1	45	46
No. graduates for year ending June 30, 1908..	..	15	15
No. graduates since school was organized....	..	26	26
Average age of students at date of enrollment	18	18	18
No. persons enrolled who have previously taught ...	..	10	10
No. non-resident pupils enrolled.....	..	2	2

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$740	26
Received from the state per Chapter 509, Laws of 1905.....	2,943	32
County tax levied by board of supervisors.....	500	00
Rent of books.....	129	00
Total	\$4,312	58

Disbursements.

Salary of principal.....	\$1,600	00
Salary of the first assistant.....	1,100	00
For postage and stationery.....	50	28
For printing.....	45	25
For school furniture.....	250	00
For school apparatus.....	53	77
For subscriptions to periodicals.....	13	25
For library and reference books.....	57	60
For supplies.....	9	91
For janitor's services.....	9	50
For rent.....	650	00
For all other purposes: Rent of building for Gr. Ex., \$23.00; telephone and lights, \$36.05; freight and cartage, \$13.65; tuning piano, \$6.00; pictures and casts, \$45.80; livery for observation class, \$13.50.....	138	00
Total	\$3,977	56

Balance on hand July 1, 1908..... \$335 02

T. W. HUMBLE, President.

A. M. ARVESON, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE LINCOLN COUNTY TRAINING SCHOOL
 FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The first annual, statistical and financial report of the Lincoln County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....	200
	Male. Female. Total.
No. teachers.....	1 1 2
No. pupils enrolled.....	5 69 74
No. graduates for year ending June 30, 1908..	.. 2 2
No. graduates since school was organized....	.. 2 2
Average age of students at date of enrollment	22 18 20
No. persons enrolled who have previously taught .....	.. 29 29

FINANCIAL REPORT.

Receipts.

County tax levied by board of supervisors.....	\$8,600 00
From all other sources.....	3 25
Total	\$8,603 25

Disbursements.

Salary of principal.....	\$2,000 00
Salary of the first assistant.....	1,100 00
For postage and stationery.....	74 91
For printing.....	74 67
For school furniture.....	547 62
For school apparatus.....	24 85
For subscriptions to periodicals.....	20 48
For library and reference books.....	618 17
For lectures.....	15 00
For janitor's services.....	413 00
For fuel.....	218 58
For all other purposes: Repairs, \$3,145.50; rentals, \$90.50; supplies, \$52.29; lighting, \$17.46; sundries, \$97.46.....	3,418 21
Total	\$8,510 49

Balance on hand July 1, 1908..... \$92 76

A. H. REID, President.
 J. H. HAMLIN, Secretary.

County Training Schools for Teachers.

**ANNUAL REPORT OF THE DUNN COUNTY TRAINING SCHOOL
FOR TEACHERS.**

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The ninth annual, statistical and financial report of the Dunn County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

	Male.	Female.	Total.
No. teachers.....	1	2	3
No. pupils enrolled.....	13	76	89
No. graduates for year ending June 30, 1908..	4	29	33
No. graduates since school was organized....	27	226	253
Average age of students at date of enrollment	18	16 1-3	17
No. persons enrolled who have previously taught	0	1	1
No. non-resident pupils enrolled.....	0	2	2

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$597 64
Received from the state per Chapter 509, Laws of 1905.....	3,423 74
County tax levied by board of supervisors.....	2,000 00
From tuition fees from non-resident pupils.....	76 00
Rent of books.....	152 25
From all other sources.....	90 24
Total	\$6,339 87

Disbursements.

Salary of principal.....	\$1,900 00
Salary of the first assistant.....	1,400 00
Salary of the second assistant.....	800 00
For postage and stationery.....	60 23
For printing.....	30 10
For school furniture.....	101 75
For apparatus.....	75 10
For periodicals.....	14 15
For books.....	115 22
For lectures.....	41 85
For janitor's service.....	375 00
For fuel.....	400 00
For livery.....	44 75
For water and lights.....	104 42
For repairs.....	159 17
For miscellaneous.....	74 70
For dray.....	12 25
For telephone.....	15 20
For music.....	5 00
Total	\$5,728 89

Balance on hand July 1, 1908..... \$610 98

County Training Schools for Teachers.

 ANNUAL REPORT OF THE MARATHON COUNTY TRAINING
 SCHOOL FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The ninth annual, statistical and financial report of the Marathon County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays; school has been taught.....	200
	Male. Female. Total.
No. teachers.....	1 1 2
No. pupils enrolled.....	5 67 72
No. graduates for year ending June 30, 1908..	2 29 31
No. graduates since school was organized.....	25 211 236
Average age of students at date of enrollment	.. .. 16½

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$1,788 82
Due from the state per Chapter 509, Laws of 1905.....	3,164 19
County tax levied by board of supervisors.....	2,000 00
From all other sources, refund on overcharge.....	75
Total	\$6,953 76

Disbursements.

Salary of principal.....	\$2,000 00
Salary of the first assistant.....	1,500 00
For postage and stationery.....	52 42
For printing.....	40 80
For school furniture.....	19 00
For school apparatus.....	19 20
For subscriptions to periodicals.....	11 56
For library and reference books.....	144 76
For lectures.....	32 40
For janitor's services.....	190 67
For fuel.....	300 50
For all other purposes: Per diem and mileage, \$73.01; water, \$55.00; light, \$25.85; labor and repairs, \$157.66; telephone, \$15.00; cataloging books, \$50.00; miscellaneous, \$59.20	435 72
Total	\$4,747 03

Balance on hand July 1, 1908..... \$2,206 73

A. L. KREUTZER, President.
W. J. FARRELL, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE MANITOWOC COUNTY TRAINING
 SCHOOL FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The seventh annual, statistical and financial report of the Manitowoc County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught..... 200

	Male.	Female.	Total.
No. teachers.....	1	1*	2
No. pupils enrolled.....	22	34	56
No. graduates for year ending June 30, 1908..	6	17	23
No. graduates since school was organized....	52	113	165
Average age of students at date of enrollment	18.75	18.5	18.58

* A third teacher was employed 3 months.

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$2,205 03
Received from the state per Chapter 509, Laws of 1905, (2-3 of this year's expenses).....	2,963 72
County tax levied by board of supervisors.....	1,500 00
Rent of books.....	166 00
Total	\$6,834 75

Disbursements.

Salary of principal.....	\$1,800 00
Salary of the first assistant.....	1,300 00
Salary of the second assistant, 3 months.....	390 00
For postage and stationery, includes paper used by students	68 82
For printing.....	49 25
For school furniture.....	9 10
For subscriptions to periodicals, includes daily paper.....	27 65
For library and reference books, includes some text books also	52 56
For lectures, commencement address.....	25 00
For janitor's services, extras, janitor furnished with building	8 95
For all other purposes: Music, rent, piano, \$42.00; orchestra, \$9.00; rent of building, \$500.00; hall, \$20.00; board—salary and mileage, \$65.28; travel—visitation by teachers, etc., \$48.18; miscellaneous, \$29.89.....	714 25
Total	\$4,445 58

Balance on hand July 1, 1908, including what
comes from state..... \$2,389 17

W. E. LARSON, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE MARINETTE COUNTY TRAINING
 SCHOOL FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The third annual, statistical and financial report of the Marinette County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught..... 200

	Male.	Female.	Total.
No. teachers.....	2	1	3
No. pupils enrolled.....	4	61	65
No. graduates for year ending June 30, 1908...	1	23	24
No. graduates since school was organized...	4	67	71
Average age of students at date of enrollment	18	17	10-13 ..
No. persons enrolled who have previously taught .....	..	5	5
No. non-resident pupils enrolled.....	..	20	20

FINANCIAL REPORT.

Receipts.

Received from the state per Chapter 509, Laws of 1905.....	\$3,500 00
County tax levied by board of supervisors.....	1,251 36
From tuition fees from non-resident pupils.....	352 00
Rent of books.....	144 39
From all other sources.....	2 25
Total	\$5,250 00

Disbursements.

Salary of principal.....	\$1,800 00
Salary of the first assistant.....	1,200 00
Salary of the second assistant.....	600 00
For postage and stationery.....	18 69
For printing.....	39 96
For school furniture.....	210 69
For school apparatus.....	239 25
For subscriptions to periodicals.....	19 59
For library and reference books.....	38 00
For lectures.....	15 00
For janitor's services.....	355 00
For fuel.....	238 32
For all other purposes: Light and power, \$45.98; phone, \$19.35; commencement, \$35.00; pictures building, \$10.50; Sundries as per bills, \$364.67.....	475 50
Total	\$5,250 00

W. C. CAMPBELL, President.
R. C. RAMSAY, Secretary.

County Training Schools for Teachers.

**ANNUAL REPORT OF THE POLK COUNTY TRAINING SCHOOL FOR
TEACHERS.**

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The third annual, statistical and financial report of the Polk County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....				200
	Male.	Female.	Total.	
No. teachers.....	1	2	3	
No. pupils enrolled.....	4	34	38	
No. graduates for year ending June 30, 1908..	..	13	13	
No. graduates since school was organized.....	1	29	30	
Average age of students at date of enrollment	..	..	16.46	
No. persons enrolled who have previously taught .....	..	2	2	

FINANCIAL REPORT.
Receipts.

Balance on hand for year ending June 30, 1907.....	\$319 66
Received from the state per Chapter 509, Laws of 1905.....	2,697 38
County tax levied by board of supervisors.....	1,500 00
Rent of books.....	76 50
From all other sources.....	1 20
Total	\$4,594 74

Disbursements.

Salary of principal.....	\$1,600 00
Salary of the first assistant.....	1,100 00
Salary of the second assistant.....	90 00
For postage and stationery.....	19 45
For printing.....	32 43
For school furniture.....	40 00
For school apparatus.....	1 60
For subscriptions to periodicals.....	10 56
For library and reference books.....	157 60
For janitor's services.....	170 42
For fuel.....	238 84
For all other purposes: Labor and material on building, \$210.81; labor on grounds, \$411.10; freight, drayage and express, \$19.37; phone and water rent, \$31.10; incidentals, \$88.29	760 67
Total	\$4,221 57

Balance on hand July 1, 1908..... \$373 17

J. C. SAXTON, President,
L. F. MURPHY, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE RUSK COUNTY TRAINING SCHOOL FOR
TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The first annual statistical and financial report of the Rusk County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught	200		
	Male.	Female.	Total.
No. teachers	1	3	4
No. pupils enrolled	5	40	45
No. graduates for year ending June 30, 1908..	..	16	16
No. graduates since school was organized	0	16	16
Average age of students at date of enrollment	17 5-9	17 5-9	17 5-9
No. persons enrolled who have previously taught .....	..	8	8
No. non-resident pupils enrolled .....	..	3	3

FINANCIAL REPORT.

Receipts.

County tax levied by board of supervisors	\$3,000 00
Rent of books	83 50
From donations or gifts	560 00
Total	\$3,643 50

Disbursements.

Salary of principal	\$1,700 00
Salary of the first assistant	800 00
Music	100 00
Model teacher one month	45 00
For postage and stationery.....	27 56
For printing	74 30
For school furniture	333 87
For school apparatus	122 53
For library and reference books	552 80
Principal's traveling expenses	5 10
For janitor's services	107 25
For fuel, donated by the city	150 00
For all other purposes: Interest, and salary of board, \$100 23; postage, express, freight and materials—paid by faculty, \$83.50; furniture donated by city, \$350.00; special books donated, \$60.00; Labor (drays and men), \$64.00;	
Total	\$657 73
Total	\$4,676 14

Balance on hand July 1, 1908, over draft..... \$1,032 64
R. O. SINCLAIR, President.
W. N. MACKIN, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE RICHLAND COUNTY TRAINING
 SCHOOL FOR TEACHERS.

To the State Superintendent of Schools:

STATISTICAL REPORT.

No. of days taught, including legal holidays.....			200
	Male.	Female.	Total.
Number of teachers	1	2	3
Number pupils enrolled	11	56	67
Number graduates for year ending June 30, 1908	5	19	24
Number of graduates since school was organ- ized	19	140	159
Average age of students at date of enrollment	19	17	18
No. persons enrolled who have previously taught .....	..	1	1

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$460 88
Received from state as per Chapter 509, Laws of 1905.....	3,087 02
County tax levied by board of supervisors	1,800 00
Rent of text-books	136 00
From all other sources.....	6 80
Total	\$5,490 70

Disbursements.

Salary of the principal	\$1,800 00
Salary of the first assistant	1,000 00
Salary of the second assistant	850 00
Salary of music teacher	61 87
Postage and stationery	11 94
Printing	31 77
For school apparatus	150 10
For subscriptions to periodicals	3 00
For library and reference books	264 02
For janitor services.....	248 75
For fuel	113 67
For all other purposes: Lights, \$11.15; training school board, \$75.00; rent of building, \$210.00; Miscellaneous, \$51.53....	347 68
Total payments for the year	\$4,882 80

Balance on hand July 1, 1908 \$607 90

 J. M. FEREBEE, President.
 R. O. MOON, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE SAUK COUNTY TRAINING SCHOOL
 FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The second annual, statistical and financial report of the Sauk County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....	200		
	Male.	Female.	Total.
No. teachers	1	2	3
No. pupils enrolled .....	..	53	53
No. graduates for year ending June 30, 1908 ..	..	10	10
No. graduates since school was organized	1	30	31
Average age of students at date of enrollment...	..	13-1-3 years	
No. persons enrolled who have previously taught .....	..	8	8
No. non-resident pupils enrolled .....	..	8	8

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1908.....	\$371 20
Received from the state per Chapter 509, Laws of 1905.....	3,435 48
County tax levied by board of supervisors	2,000 00
From tuition fees from non-resident pupils	145 00
Rent of books	105 50
From all other sources	183 28
Total	\$6,240 46

Disbursements.

Salary of principal	\$1,800 00
Salary of first assistant	1,300 00
Salary of the second assistant	800 00
For postage and stationery	67 85
For printing	168 73
For school furniture	178 65
For school apparatus	291 36
For subscriptions to periodicals	33 00
For library and reference books	276 14
For lectures	173 79
For janitor's services.....	60 00
For all other purposes: Labor and supplies, \$229.79; freight and express, \$15.54; telephone, \$10.55; traveling expenses, \$91.85; pictures, \$34.60; total	\$452 33
Total	\$5,601 85
Balance on hand July 1, 1908.....	\$638 61

JAMES A. STONE, President.
 GEO. W. DAVIES, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE VERNON COUNTY TRAINING SCHOOL
 • FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The first annual, statistical and financial report of the Vernon County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught	200		
		Male.	Female.
No. teachers	1	2	3
No. pupils enrolled	2	53	55
No. graduates for year ending June 30, 1908		7	7
No. graduates since school was organized		7	7
Average age of students at date of enrollment	18 5-6	18 1-4	18+
No. persons enrolled who have previously taught		2	2

FINANCIAL REPORT.

Receipts.

County tax levied by board of supervisors	\$2,200 00
Rent of books	55 00
From all other sources	1,207 52
Total	\$3,462 52

Disbursements.

Salary of principal	\$1,500 00
Salary of the first assistant	750 00
Salary of the second assistant (For music)	72 00
For postage	11 51
For printing and stationery	52 15
For school furniture	319 09
For school apparatus	45 73
For subscriptions to periodicals	15 00
For library and reference books	321 14
For lectures	12 00
For janitor's services	87 45
For fuel and rent	200 00
For all other purposes: Freight and express, \$35.39; incidentals, \$35.81; telephone, \$5.25; total	76 45
Total	\$3,462 52

B. M. MCAULEY, President.

H. L. GARDNER, Secretary.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE WAUPACA COUNTY TRAINING SCHOOL
 FOR TEACHERS. •

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The sixth annual, statistical and financial report of the Waupaca County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....			200
	Male.	Female.	Total.
No. teachers.....	1	2	3
No. pupils enrolled.....	3	47	50
No. graduates for year ending June 30, 1908..	..	17	17
No. graduates since school was organized....	6	109	115
Average age of students at date of enrollment	17+	17+	17+
No. persons enrolled who have previously taught .....	..	2	2
No. non-resident pupils enrolled.....	2	15	17

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$1,113 21
Received from the state per Chapter 509, Laws of 1905.....	2,014 68
County tax levied by board of supervisors.....	1,000 00
From tuition fees from non-resident pupils.....	340 35
Rent of books.....	95 32
Total	\$4,563 56

Disbursements.

Salary of principal.....	\$1,650 00
Salary of the first assistant.....	1,185 00
Salary of the second assistant.....	375 00
Diplomas and certificates.....	25 00
For postage and stationery.....	41 65
For printing, catalogues, etc.....	56 61
For school furniture.....	12 62
For school apparatus.....	103 42
For subscriptions to periodicals.....	12 87
For library and reference books.....	52 17
For moving furniture and apparatus and fixing up library....	31 15
For paper—examination, practice and drawing.....	30 31
For expense commencement exercises.....	22 14
For all other purposes: Express, freight and drayage, \$11.55; incidentals, \$20.66; telephone, \$10.04; expenses, members of board, \$10.55; total.....	52 80
Total	\$3,650 74

Balance on hand July 1, 1908..... \$912 82

U. G. LITTLE, President.
 W. E. SMITH, Secretary.
 CHAS. A. HOLMES, Treasurer.

County Training Schools for Teachers.

 ANNUAL REPORT OF THE WOOD COUNTY TRAINING SCHOOL
 FOR TEACHERS.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The fifth annual, statistical and financial report of the Wood County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught..... 200

	Male.	Female.	Total.
No. teachers.....	1	1	2
No. pupils enrolled.....	9	52	61
No. graduates for year ending June 30, 1908..	3	22	25
No. graduates since school was organized....	6	109	115
Average age of students at date of enrollment	19½	18¼	18¾
No. non-resident pupils enrolled.....	1	3	4

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$1,040 91
Received from the state per Chapter 509, Laws of 1905.....	3,107 18
County tax levied by board of supervisors.....	1,800 00
Rent of books.....	92 50
Total	\$6,040 59

Disbursements.

Salary of principal.....	\$1,900 00
Salary of the first assistant.....	1,300 00
Salary of the second assistant.....	70 00
For postage and stationery.....	60 95
For printing.....	31 20
For school furniture.....	596 90
For school apparatus.....	163 99
For subscriptions to periodicals.....	44 25
For library and reference books.....	381 27
For lectures.....	31 80
For janitor's services.....	346 50
For fuel.....	328 64
For all other purposes: Secretary salary, \$50; bank exchange, \$3.05; repairs, \$157.86; expressage, \$11.00; teachers' traveling expenses, \$27.15; drayage, \$31.20; insurance, \$297.82; music, \$12.00; light, \$2.64; water, \$37.34; washing towels, etc., \$15.66; supplies, \$17.20; telephone, \$18.35; total	681 27
Total	\$5,936 77

Balance on hand July 1, 1908..... \$103 72

E. P. ARPIN, President.
 ROBERT MORRIS, Secretary.

County Schools of Agriculture and Domestic Science.

COUNTY SCHOOLS OF AGRICULTURE AND DOMESTIC SCIENCE.

What is true of the County Training Schools for Teachers is also true of the County Schools of Agriculture and Domestic Science. While the growth in numbers of the latter schools has not been so rapid, nevertheless the permanency of these schools in the favor of the people of Wisconsin is assured. Since the date of the last report, two schools of agriculture have been placed in operation, and at the present time La Crosse county is erecting a building in which to house a school of this character to be located at Onalaska. Statistical reports and the special report of the Dunn County School of Agriculture follow.

ANNUAL REPORT OF THE DUNN COUNTY SCHOOL OF AGRICULTURE AND DOMESTIC SCIENCE.

To the State Superintendent of Public Instruction, Madison, Wis.,

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....	180
	Male. Female. Total.
No. teachers.....	2 1 3
No. pupils enrolled.....	37 26 63
No. graduates for year ending June 30, 1908...	16 6 22
No. graduates since school was organized,...	62 34 96
Average age of students at date of enrollment	18 5-12 17 5-26 ..
No. non-resident pupils enrolled.....	14 10 24

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$2,351 07
Received from the state per Chapter 509, Laws of 1905.....	4,000 00
County tax levied by board of supervisors.....	2,750 00
From tuition fees from non-resident pupils.....	Tuition is free
Rent of books.....	83 70
From all other sources.....	354 11
Total	\$9,538 88

County Schools of Agriculture and Domestic Science.

Disbursements.

Insurance	\$405 62
Salary of principal.....	1,800 00
Salary of first assistant.....	777 78
Salary of second assistant.....	1,000 00
Salary of third assistant.....	706 34
For postage and stationery.....	61 71
For printing.....	316 82
For apparatus.....	162 25
For books.....	310 26
For lectures.....	15 00
For janitor.....	355 00
For fuel.....	545 79
For express, freight and drayage.....	93 06
For telegraph and telephone.....	41 21
For repairs.....	615 34
For farm and garden.....	255 48
For miscellaneous.....	142 85
For water and lights.....	97 79
For institute expense.....	315 55
For keeping buildings and grounds.....	349 11
For Domestic Economy supplies.....	164 99
For dairy supplies.....	79 80
For manual training supplies.....	248 73
For building.....	542 95
Total	<u>\$9,403 43</u>

Balance on hand, June 30, 1908..... \$171 45

JENNIE M. BRACKETT, Secretary.

DUNN COUNTY AGRICULTURAL SCHOOL.

The teaching force during the past year consisted of Jas. A. Wilson, principal, E. F. Zoerb, instructor in manual training, Angeline Wood, instructor in domestic economy, and Albert Slaughter, who had charge of the dairy.

With the exception of Miss Wood, a complete change has been made in the faculty for the ensuing year. Prof. F. R. Crane, of Urbana, Ill. has been chosen to succeed Prof. Wilson, Prof. R. W. West, of Everett, Wash., was chosen to take the place of Prof. Zoerb, while Mr. Slaughter's place in the dairy has been filled for sometime by Walter Stolpe.

The creamery department, which was added to our school last year, has been, we believe, of decided value to our students. The entire creamery equipment, and expense of running creamery has been borne by the citizens of Menomonie.

We, as a board, believe that a school creamery is a necessary and valuable addition to our school. There is no desire on the part of any concerned to injure the business of other creameries, or to make the school creamery a money making proposition. Our desire is to get cream and milk sufficient to do the work of the school. This we be-

County Schools of Agriculture and Domestic Science.

lieve can be done without injustice to any one. What the best method is for obtaining material for running the creamery, we are not prepared to state. We, however, stand open to criticisms and suggestions at any time.

We believe that the school has done much the past year not alone for the students that have come within its range, but that its influence has reached to every part of the county. Prof. Wilson proved to be a man of unusual ability in gaining the confidence and respect of the farmer. Thirty-nine institutes were held by the faculty of the school in various parts of the county, thus bringing the farmer in closer touch with the school.

Many improvements have been made the past year, and we believe the school better equipped for doing efficient work than ever before.

Principal's Report.

The school work proper closed on the 22nd of May with the graduation of a class of 22, 16 boys and 6 girls. They are a most excellent class of young people, a little above the average in age for this kind of secondary schools, the average age being a little over 20 years. Eleven of the class reside in adjoining counties while 11 are residents of Lunn county. The total enrollment for the year has been 64, 27 girls, and 37 boys. Of this entire number 24 are from other counties while 40 are residents of the home county.

The falling off in the enrollment this year from 76 which was the enrollment of last year, is found in the numbers registered from this county, the registration from outside counties having increased quite materially since the tuition was removed.

The school spirit among the student body has been of a high order throughout the year. The students have been earnest and loyal and possessed with a purpose and determination to make good use of their time and opportunity to get all out of the two years' course possible.

In the month of March, the senior class, accompanied by Miss Wood and the principal, made a three day visitation trip to the twin cities, going to many places of educational interest, such as the stock yards, horse markets, flour mills, the State University, Agricultural College, etc. This trip proved not only very interesting to the young people but was an experience that will be helpful to them all through life.

I very much regret to state that during the winter term, when our work was the heaviest because of the short course being in session, two members of our faculty so far lost their dignity and self-control as to bring about undue friction in the class room. These gentlemen had been admonished at different times against such strained relations between members of the faculty, and finally they were given explicit notice by the principal to carry out all their business relations through him. The resignations of these two men were accepted by the school board at the close of the winter term. The manual training work was carried on successfully during the spring term under the leadership of members of the senior class in the Stout schools, and the creamery and dairy work by Walter Stolpe, a practical dairyman from Denmark. The inconvenience and extra burden which this irregularity brought about is but slight in comparison with the sacrifice of dignity to the school; this we most keenly regret.

The class room facilities have been much improved during the past year. The new chemical and dairy laboratory on the main floor of the dairy building afford excellent quarters for general and dairy chemistry work. The new blacksmith shop erected during the winter over the

County Schools of Agriculture and Domestic Science.

boiler room provides a most excellent place for the work of the forge classes. The main floor of the Horticultural building is almost ready to be used by the classes in carpentry. We started the building of an outside stairway leading to the gymnasium on the upper floor of this building, giving the students this work at the close of the year. Mr. Nelson, the janitor, is finishing this addition this summer, which will do away with a dangerous inside stairway that leads into the gymnasium through a heavy trap door.

The domestic science rooms have been freshly tinted and painted during the past year, and the library has received valuable additional volumes of text and reference books.

The work of the dairy department has been strengthened by the addition of new equipment, much of which has been loaned indefinitely to the school by the manufacturers. The creamery department of our school work, established last year, has not been successful in the sense of being self-supporting, although indirectly it has been beneficial. Looking back over the year's experience with this creamery, I feel that it will not be possible, the way the territory is covered by the cream wagons of other neighboring creameries to make this plant a success financially; and I would recommend that as soon as the patrons of this creamery can be otherwise taken care of, and the citizens who gave the equipment in good faith be given fair consideration, the creamery as a factory plant be removed from the school building. As a school creamery it cannot be made self-supporting without interfering with the territory now covered by other creameries.

Our institute work has been very satisfactory. We have held 39 institutes during the year. In all, but a few instances, they have been well attended. In connection with our Round-up institute in February a corn contest was held. The money prizes to the successful exhibitors were given by the First National Bank, The Schutte & Quilling Bank and The Bank of Menomonie. This closing institute was very largely attended and preliminary steps were taken toward the organization of a County Horticultural society, a County Poultry Association and a Women's Association to carry on women's institutes throughout the county.

The school farm at the Fair Grounds has been planted to cultivated crops and grasses in rotation. We have sown an acre and a quarter to alfalfa, using a nurse-crop on one-half of the plot. On a part of the plot bacteria laden earth was sown for inoculation purposes.

Two hundred twenty-five trees were set out on the trial orchard at the asylum farm to fill in where the trees set out a year ago winter-killed. The orchard is looking well and promises to be fruitful of good results.

At the school grounds a school garden has been laid out and also a farmers' kitchen garden.

In closing I wish to say that I am leaving Dunn County School of Agriculture very unexpectedly. The past year has been filled with pleasant duties. The fast friendships and delightful acquaintances made in such large numbers among the thrifty and progressive citizens of your county will abide with us in pleasant memory. As your retiring principal, I wish to urge upon you the loyal support to, and safe-keeping of your excellent school of Agriculture, the first of its kind in the United States. In order that the permanent emphasis of the school work be placed upon agricultural lines of progress, I believe it would be a great aid to have a practical farmer as one of the members of the school board.

Respectfully submitted,

JAS. A. WILSON.

County Schools of Agriculture and Domestic Science.

 ANNUAL REPORT OF THE MARATHON COUNTY SCHOOL OF
 AGRICULTURE AND DOMESTIC SCIENCE.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The sixth annual, statistical and financial report of the Marathon County Training School for Teachers is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught..... 160

	Male.	Female.	Total.
No. teachers.....	2	1	3
No. pupils enrolled.....	29	34	63
No. graduates for year ending June 30, 1908..	1	8	9
No. graduates since school was organized....	16	27	43
Average age of students at date of enrollment	17	16.3	16.6
No. non-resident pupils enrolled.....	3	1	4

FINANCIAL REPORT.

Receipts.

Balance on hand for year ending June 30, 1907.....	\$272 36
Due from the state per Chapter 509, Laws of 1905.....	4,000 00
County tax levied by board of supervisors.....	2,000 00
Total	\$6,272 36

Disbursements.

Salary of principal.....	\$2,000 00
Salary of the first assistant.....	1,200 00
Salary of the second assistant.....	1,200 00
For postage and stationery.....	66 30
For printing.....	119 05
For school furniture.....	26 75
For school apparatus.....	15 50
For library and reference books.....	86 77
For janitor's services.....	308 33
For fuel.....	230 60
For all other purposes: Water, \$55.00; light, \$27.51; phone, \$18.00; supplies Agr., \$112.17; M. T., \$155.02; Dec., \$139.71; institutes and meetings, \$18.32; per diem, \$69.60; labor and repairs, \$116.13; miscellaneous, \$158.32; total..	869 78
Total	\$6,123 08

Balance on hand July 1, 1908..... 149 28

Jos. BURGER, President.

W. J. FARRELL, Secretary.

County Schools of Agriculture and Domestic Science.

ANNUAL REPORT OF THE MARINETTE COUNTY SCHOOL OF
AGRICULTURE AND DOMESTIC SCIENCE.

To the State Superintendent of Public Instruction, Madison, Wis.,

DEAR SIR:—The first annual, statistical and financial report of the Marinette County School of Agriculture is hereby submitted according to Chapter 509, Laws of 1905.

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....	160		
	Male.	Female.	Total.
No. teachers.....	2	1	3
No. pupils enrolled.....	15	21	36
Average age of students at date of enrollment	17.9	16.9	17
No. persons enrolled who have previously taught .....	..	2	2
No. non-resident pupils enrolled.....	2	3	5

FINANCIAL REPORT.

Receipts.

County tax levied by board of supervisors.....	\$5,949 32
Rent of books.....	44 13
From all other sources.....	6 55
Total	\$6,000 00

Disbursements.

Salary of principal.....	\$1,500 00
Salary of the first assistant.....	600 00
Salary of the second assistant.....	800 00
For postage and stationery.....	19 36
For printing.....	50 30
For school furniture.....	755 00
For school apparatus.....	744 34
For library and reference books.....	28 50
For janitor's services.....	225 00
For fuel.....	77 50
For all other purposes: Labor, \$325.00; supplies, \$125.00; lumber, \$100.00; freight, express and drayage, \$175.53; sundries as per bills, \$474.47; total.....	1,200 00
Total	\$6,000 00

W. C. CAMPBELL, President.
R. C. RAMSAY, Secretary.

County Schools of Agriculture and Domestic Science.

ANNUAL REPORT OF THE WINNEBAGO COUNTY SCHOOL OF
AGRICULTURE AND DOMESTIC SCIENCE.

To the State Superintendent of Public Instruction, Madison, Wis.,

STATISTICAL REPORT.

No. days, including legal holidays, school has been taught.....	160		
	Male.	Female.	Total.
No. teachers.....	2	1	3
No. pupils enrolled.....	39	19	58
Average age of students at date of enrollment	18	17	17.5
No. non-resident pupils enrolled.....	2	1	3

FINANCIAL REPORT.

Receipts.

County tax levied by board of supervisors.....	\$6,000 00
Total	\$6,000 00

Disbursements.

Salary of principal.....	\$1,800 00
Salary of the first assistant.....	1,000 00
Salary of the second assistant.....	850 00
For postage and stationery.....	83 57
For printing.....	151 60
For subscriptions to periodicals.....	12 40
For library and reference books.....	52 74
For lectures.....	96 27
For janitor's services.....	340 00
For fuel.....	531 03
For all other purposes: Supplies for Man. Tr., \$333.98; supplies for kitchen, \$44.77; supplies for sewing room, \$66.93; supplies for creamery, \$54.39; supplies for Lab. and farm and miscellaneous items, \$701.66; total.....	1,201 73
Total	\$6,119 34

Balance on hand July 1, 1908, deficit..... \$119 34

GEO. H. MILLER, President.
H. B. PATCH, Secretary.

State Normal Schools.

STATE NORMAL SCHOOLS.

The normal school system of Wisconsin comprises seven well equipped schools, located as follows: Milwaukee, Oshkosh, Platteville, River Falls, Stevens Point, Superior and White-water. The legislature of 1905 appropriated the sum of \$10,000 for the purchase and improvement of a site for an eighth normal school in the city of La Crosse. The board of regents of normal schools in June, 1906, located and authorized the purchase of a site in the city of La Crosse. The legislature of 1907 appropriated the sum of \$210,000 for a normal school building in the city. The foundation of the building was laid in the spring of 1908 and the first session of this normal will begin in September, 1909.

The new normal school building at Platteville was used by the school in September, 1907. The building, together with the equipment, cost \$150,000. The new building now in process of construction at Milwaukee, together with the equipment, will cost approximately \$220,000. In November, 1907, a site of six and one-half acres adjoining the campus of the Milwaukee-Downer College was purchased at a cost of \$60,000. The building will be ready for school purposes in September, 1909.

The legislature of 1907 appropriated the sum of \$40,000 for a new gymnasium at Oshkosh. This is in process of construction and will be fully completed about January 1, 1909. It will provide commodious and convenient rooms for manual training and will be the best gymnasium in the state except that of the University.

The legislature of 1907 appropriated \$45,000 for an addition to the normal school building at Superior, and \$10,000 for an addition to the building at River Falls. These extensions add greatly to the convenience and efficiency of both normal schools. Both were ready for use in September, 1908.

State Normal Schools.

The management of the normal schools is vested in a state board of regents of eleven members. Ten members are appointed by the governor, each for a term of five years. The state superintendent of schools is a member *ex-officio*.

SOURCES OF INCOME.

1. A permanent fund established by the legislature in 1865, and derived from the sale of public lands. This fund now amounts to \$1,956,108.66. The annual interest from this fund for the year ending June 30, 1908, was \$89,137.06.

2. An annual state tax for the support of normal schools, which is fixed since 1903, at \$230,000. The president of the board of normal regents in his biennial report of 1908 asks for an increase of \$100,000 from this source.

3. An annual appropriation from the general fund of the state for the support of teachers' institutes, of \$7,000.

4. Local receipts at the several schools from book-rents, tuition of pupils and students, amounting annually to \$27,600.

The total annual income for salaries, institutes and current expenses amounts to about \$354,000.

In case of new buildings, the legislature makes special appropriations.

ORGANIZATION OF THE WORK.

Each of the seven schools has:

1. The normal department, comprising persons preparing definitely for the work of teaching.

2. The training department, or school of observation and practice, composed chiefly of children from the community, and including all the grades of the elementary school.

3. In some of the schools a preparatory class is organized for pupils not sufficiently prepared for the regular work of the nor-

State Normal Schools.

mal department; but no departments are maintained which do not tend towards the preparation of teachers for the public schools.

4. Most of the schools have kindergartens as an adjunct of the training department.

SPECIAL DEPARTMENTS

Are organized as follows:

At Milwaukee and Superior, a kindergarten training department.

At Oshkosh and Platteville, a training department for manual training.

At Stevens Point, a training department in domestic science.

THE RECOGNITION OF DIPLOMAS.

The diploma of the advanced course entitles the holder to receive from the state superintendent a special license authorizing him to teach in any public school of the state for one year. The state superintendent is authorized by law to issue to all graduates of the advanced course after one year of successful teaching in the public schools of Wisconsin, a life certificate valid for any grade of public school.

The certificate of the elementary course entitles the holder to receive a special license for one year from the state superintendent, authorizing him to teach in any position in the public schools of the state except as principal of a four year course free high school. The state superintendent, after one year of successful teaching in Wisconsin, may issue to the applicant a state certificate valid for not to exceed six years from the date of the original certificate of graduation from the elementary course of the normal school. This limited state certificate is legal qualification for any grade of public school in the state except the principalship of a free high school having a four year course of study.

State Normal Schools.

Graduates of the advanced course of the state normal schools are admitted to junior rank in certain courses in the state university. A certificate of completion of the elementary course of the normal school does not entitle the holder to advanced standing in the state university.

Under the law passed by the last legislature, the state superintendent is no longer authorized to countersign diplomas or certificates, but to issue in lieu thereof a state certificate.

At the close of the license period the applicant for a state certificate forwards to the state superintendent an identification card certifying to his having received from the normal school a diploma or certificate of graduation, and requests a blank upon which to make application for a state certificate. This blank, among other things, calls for the names of three persons, preferably school authorities, who have had direct knowledge of the candidate's success as a teacher during the probationary year. The rules of the department require certificates of successful teaching from the three references before the state certificate may be issued.

COURSES OF STUDY.

I. The Elementary Course.

The board of regents of the state normal schools has voted that from and after September 1, 1909, the elementary course be extended one-half year, so as to include twenty units (400 weeks) of work, of which 19 units shall be prescribed, as hereinafter stated, and one unit (20 weeks) shall be determined at the discretion of the president of each school.

PRESCRIBED STUDIES OF THE ELEMENTARY COURSE.

Mathematics—Arithmetic, 10 weeks; Algebra, 20 weeks; Geometry, 20 weeks	50 weeks
Vocal Music	20 weeks
Drawing	20 weeks
English Language—Orthoepy and Reading, 20 weeks; Word Analysis (optional), 10 weeks; Grammar and Composition, 30 weeks;	
Literature, 20 weeks.....	70 weeks

State Normal Schools.

Natural Sciences—Geography, including Physical, 20 weeks; Botany or Zoology, 20 weeks; Physics, 20 weeks; Physiology, 10 weeks; Elements of Agriculture, 10 weeks.....	80 weeks
History—U. S. History and Civics, 30 weeks; General History, 20 weeks	50 weeks
Professional Work—School Management, School Law, Theory and Methods of Teaching, 50 weeks; Practice Teaching, 20 weeks; Professional Reviews in Common School Branches, 40 weeks;	110 weeks
Aggregate	400 weeks

The subjects added to the existing course are

Professional Reviews	40 weeks
Literature	20 weeks
General History	20 weeks
Science	10 weeks
Total	90 weeks

II. *The Four-Year English Course.*

Sept. 1, 1908, the four-year English course will include 32 units (640 weeks) of work, of which 20 units (560 weeks) shall be prescribed, one unit shall be determined by the president of the school, and three units, two of which shall be Natural Science; shall be chosen from the list of elective studies named in the two-year course for high school graduates; provided, that those who are preparing for teaching in primary and intermediate grades will take but one unit of science in their electives.

PRESCRIBED STUDIES FOR THE FOUR-YEAR ENGLISH COURSE.

Mathematics—Arithmetic, Algebra, Geometry.....	80 weeks
Vocal Music	20 weeks
Drawing	30 weeks
English Language—Orthoepy, Reading, Word Analysis (optional), Grammar, Composition, Rhetoric and Literature.....	110 weeks
Natural Science—Geography, including Physical, 20 weeks; Physiology, 10 weeks; Botany or Zoology, 10 weeks; Physics, 20 weeks; Agriculture, 10 weeks.....	70 weeks
U. S. History	20 weeks
General History	30 weeks
Civics and Economics or Sociology.....	30 weeks
Professional Work—School Management and Law, Theory, Methods, Observation	50 weeks
Practice	40 weeks
Professional Reviews in Common Branches.....	40 weeks
Psychology	20 weeks
History and Science of Education.....	20 weeks

State Normal Schools.

III. The Four-Year Latin and German Courses.

The four-year Latin and German courses, after September 1, 1908, will read as follows:

Mathematics—Arithmetic, Algebra, Geometry.....	80 weeks
Vocal Music	20 weeks
Drawing	30 weeks
English Language—Orthoepy, Reading, Grammar, Composition, Rhetoric, Literature	80 weeks
Natural Science—Geography, including Physical, 20 weeks; Physi- ology, 10 weeks; Botany or Elementary Zoology, 10 weeks; Physics, 20 weeks; Natural Science, elective, 20 weeks.....	80 weeks
U. S. History	20 weeks
General History	20 weeks
Civics and Economics, or Sociology.....	30 weeks
Professional—School Management, Law, Theory, Methods, Observa- tion	50 weeks
Practice	40 weeks
Professional Reviews in Common Branches.....	40 weeks
Psychology	20 weeks
History or Science of Education.....	10 weeks
Latin or German	120 weeks

Any student wishing to take an additional year of Latin or German may omit 20 weeks each of Drawing and Music.

Students in the German course may take 100 weeks of German, and 100 weeks of English.

Graduates from any free high school may be granted a credit of not to exceed one year on the elementary course, in those studies in which they are found to have been most proficient in the schools from which they graduated.

The German course consists of sixteen units of work, fourteen of which shall be prescribed and two elective.

PRESCRIBED COURSES.

Arithmetic, including Methods.....	20 weeks
Geography, including Methods.....	20 weeks
English Grammar, including Methods and Composition.....	40 weeks
American History, including Methods.....	20 weeks
Expressive Reading	10 weeks
English Literature	20 weeks
Psychology	20 weeks
Music or Drawing	20 weeks
Practice Teaching and School Management.....	40 weeks
Methods in Primary Reading and Language or History of Education	10 weeks
Pedagogy	20 weeks
German	40 weeks
Total	280 weeks

State Normal Schools.

The two units of elective work may be German or subjects offered in the English course.

Latin Course.

The Latin course shall be the same as the German, except that Latin shall take the place of the German.

Any school may offer the first and second as well as the third and fourth year German.

Any student preparing for high school teaching may with the consent of the president substitute from the elective list in place of Primary Methods, Reading and Language, School Management, Music and Drawing.

Two-Year Course for High School Graduates.

The English course shall consist of sixteen units of work, thirteen of which shall be prescribed and three elective. A unit is a subject reciting five times a week for a semester.

PRESCRIBED COURSES.

Arithmetic, including Methods.....	20 weeks
Geography, including Methods.....	20 weeks
English Grammar, including Methods and Composition.....	40 weeks
American History, including Methods.....	20 weeks
Expressive Reading.....	10 weeks
English Literature.....	20 weeks
Psychology.....	20 weeks
Music.....	20 weeks
Drawing.....	20 weeks
Practice teaching and School Management.....	40 weeks
Pedagogy.....	20 weeks
Primary Reading and Language or History of Education.....	10 weeks
Total.....	260 weeks

The three units of electives shall be chosen, with the advice of the president, from the following list of subjects. At least one unit but not more than two shall be science. The presi-

State Normal Schools.

dents may use their discretion in arranging the elective subjects into groups.

Note: Any student able to pass a special examination in academic Arithmetic, Grammar or Geography may take instead an equal amount of higher work from the elective list in addition to the three units required.

ELECTIVES.

Agriculture	History
Algebra	History of Education
Biology	Manual Arts
Chemistry	Nature Study
Civics	Physics
Domestic Economy	
Drawing	Physiography
Economics	Physiology
English Literature (Advanced)	Practice Teaching
Ethics	Rhetoric
Expressive Reading (Advanced)	Science of Education
Geography (Advanced)	School Supervision
Geology	Sociology
Geometry	Trigonometry

STUDENTS.

The total enrollment during the past two years was 240 more than the two years preceding biennium. The total enrollment in the normal department proper was 182 more than during the preceding biennium.

The total number of graduates was 113 more than during the preceding two years. There were 133 more from the advanced course than during the preceding biennium.

State Normal Schools.

Total enrollment of students.

Schools. 1906-7.	Normal.	Prepara- tory.	Gram- mar.	Inter- mediate.	Primary and kinder- garten.	Totals.
Milwaukee.....	451	.....	46	57	149	703
Oshkosh.....	620	.....	115	72	119	926
Platteville.....	310	.....	55	46	47	458
River Falls.....	334	2	46	30	68	480
Stevens Point.....	297	11	88	70	135	601
Superior.....	321	.....	39	54	83	497
Whitewater.....	288	5	40	40	117	490
Totals.....	2,621	18	429	369	718	4,155
1907-8.						
Milwaukee.....	485	.....	40	55	129	709
Oshkosh.....	602	.....	114	69	128	913
Platteville.....	325	.....	57	54	80	516
River Falls.....	322	.....	51	29	81	483
Stevens Point.....	347	4	87	46	124	608
Superior.....	331	.....	46	52	90	519
Whitewater.....	314	10	37	42	106	509
Totals.....	2,726	14	432	347	738	4,257

Number of graduates in two years.

YEAR COURSE.	1906-7.		1907-8.		TOTALS.		
	Elemen- tary.	Ad- vanced.	Elemen- tary.	Ad- vanced.	Elemen- tary.	Ad- vanced.	Both courses.
Milwaukee*.....	.....	158	.....	183	.....	341	341
Oshkosh.....	58	121	49	86	107	207	314
Platteville.....	4	62	3	56	7	118	125
River Falls.....	21	50	15	43	36	93	129
Stevens Point.....	30	44	46	47	76	91	167
Superior.....	13	42	25	39	38	81	119
Whitewater.....	24	60	32	53	56	113	169
Totals.....	150	537	170	507	320	1,044	1,364

* This Normal has no elementary course.

State Normal Schools.

Total number of graduates (none counted twice).

SCHOOLS.	When opened.	COURSE.		Both.
		Elementary.	Advanced.	
Milwaukee*.....	1885	.....	2,202	2,202
Oshkosh.....	1871	841	1,131	1,972
Platteville.....	1866	200	1,088	1,288
River Falls.....	1875	414	398	812
Stevens Point.....	1894	483	426	909
Superior.....	1896	148	346	494
Whitewater.....	1868	704	829	1,533
Totals.....		2,790	6,370	9,160

*This Normal has no elementary course.

The following table shows the number of teachers and employes for the year 1907-8:

Number of teachers and employes.

NORMAL.	TEACHERS IN NORMAL DEPARTMENT.		Teachers in training schools	Librarians and assistants.	Clerks.	Janitors and assistants.	Engineers and assistants.	Total.
	Men.	Women						
Milwaukee.....	11	12	5	2	2	1	1	34
Oshkosh.....	13	16	6	2	1	2	2	42
Platteville.....	11	7	4	1	1	1	1	26
River Falls.....	9	8	4	1	1	1	1	25
Stevens Point.....	10	8	5	2	1	1	1	28
Superior.....	8	9	4	1	1	1	1	25
Whitewater.....	8	9	5	2	1	1	1	27
Totals.....	70	69	33	11	11	8	8	207

III. The Normal School Fund.

The management of this fund is placed by law in the hands of commissioners of public lands, to-wit: Secretary of state, state treasurer and the attorney general; and by courtesy of these officials, the secretary of the board of regents of normal

State Normal Schools.

schools secures monthly such data as enables him to keep a set of books from which the following facts are obtained. The state treasurer is the custodian of the cash and bonds, and the secretary of state keeps the records of special loans and of loans to school districts, villages, towns, counties and cities.

The total fund, June 30, 1908, at the close of business was \$1,957,299.86 (an increase of \$2,166.00 during the biennium), of which \$1,150.44 was cash and the sum of \$1,956,079.42 was in bonds and loans as follows, to-wit:—

State certificates of indebtedness at 7 per cent.....	\$515,700.00
Land contracts and individual loans, old law, 7 per cent.....	2,097.00
Bonds at 6 per cent.....	4,000.00
Bonds at 5 per cent.....	66,500.00
Bonds at 4½ per cent.....	57,000.00
Bonds at 4 per cent.....	16,800.00
Bonds at 3½ per cent.....	174,350.00
Special loans at 5 per cent.....	8,568.42
Special loans at 4 per cent.....	70,000.00
Special loans at 3½ per cent.....	812,573.36
School district loans at 3½ per cent.....	228,490.64
<hr/>	
Total	\$1,956,079.42
Cash in treasury at close of business, June 30, 1908.....	1,150.44
<hr/>	
Total Normal School Fund July 1, 1908.....	\$1,957,229.86

IV. *The Normal School Fund Income.*

The Normal School Fund Income for the year ending June 30, 1908, was as follows:

1. Permanent Annual Tax Levy.....	\$230,000.00
2. Interest on the Normal School Fund.....	89,137.06
3. Collections at the seven normal schools.....	27,631.18
4. Annual appropriation by the state for Institutes.....	7,000.00
<hr/>	
Total	\$353,768.24

State Normal Schools.

During the biennial period, July 1, 1906, to June 30, 1908, inclusive, there was disbursed a total of \$979,505.67, being \$325,591.70 more than during the preceding biennium. During the period from July 1, 1904, to June 30, 1906, there was expended a total of \$23,383.10 for building, while during the following two years there was expended for building purposes and the purchase of land, \$291,799.67. Deducting this amount from the total expenditures, there remains a total of \$687,706.00, which was expended for regular normal school expenses from July 1, 1906, to June 30, 1908, inclusive. The current expenses for the preceding biennium amounted to \$630,550.87.

This increase of \$57,155.13 during the last biennium has been due to increased expenses caused by building operations, increases in salaries amounting to \$12,725.00; and to unusual expenditures for the improvement of buildings and grounds amounting to \$43,887.01.

The following is the biennial report of the treasurer of the board:

NORMAL FUND INCOME.

RECEIPTS.

Balance on hand July 1, 1906.....	\$67,293.08
Interest on investments.....	173,498.73
Interest from banks.....	4,326.09
Receipts from Normal schools.....	51,540.23
Receipts from general fund.....	540,000.00
Receipts from taxes.....	230,000.00
Receipts from cancelled drafts.....	3.40
Receipts from refunds.....	1,184.70
Total	\$1,067,846.23

DISBURSEMENTS.

Warrants	\$976,148.79
Excess of interest refunded.....	98.05
Balance on hand July 1, 1908.....	91,599.39
Total	\$1,067,846.23

The State University.

THE STATE UNIVERSITY.

The University of Wisconsin is the culmination of the free educational system of the state. In the educational policy of the state, the university sustains a similar relation to the high schools that the high schools sustain to the primary and grammar schools. As those who have passed through the grammar grades may freely avail themselves of the high schools, so those who have completed with credit a full high school course may advance to the opportunities offered by the university. It is not expected that all pupils who complete the grammar grades will advance to the high school; nor is it expected that all who complete a high school course shall go forward to the university. But the school system of the state has been so arranged as to make the passage from one grade to another as easy and natural as possible, in order to afford every encouragement to thorough education. The state through the university undertakes to furnish instruction in the various branches requisite for a liberal education, in the technical branches of engineering, law, agriculture, pharmacy, commerce, home economics, music and medicine. It also aims to encourage research work in all departments, to produce creative scholars, and thus do its part in the enlargement of the domain of knowledge. Thus it is the general policy of the institution to foster the high educational interests of the state, broadly and generously interpreted. By prescribing a large number of studies during the first two years of undergraduate work, and by leaving all, or a large part of the work of the last two years to the free selection of the student, under a definite system, the university endeavors to give a wise measure of direction, leaving at the same time sufficient room for choice to encourage individual adaptation and special development. The graduate work is, of course, wholly elective.

The State University.

ORGANIZATION.

The University embraces—

- The College of Letters and Science.
- The College of Mechanics and Engineering.
- The College of Law.
- The College of Agriculture.
- The College of Medicine.
- The Graduate School.
- The Extension Division.

The College of Letters and Science embraces—

General Courses in Liberal Arts.

Special Courses, which include:

- Commerce.
- Pre-medical Studies.
- Pharmacy.
- Education.
- Music.
- Home Economics.

The College of Mechanics and Engineering embraces—

- The Civil Engineering Course.
- The Sanitary Engineering Course.
- The Mechanical Engineering Course.
- The Electrical Engineering Course.
- The Applied Electrochemistry Course.
- The General Engineering Course.
- The Mining Engineering Group of Electives.

The College of Agriculture embraces—

- The Experiment Station.
- The Long Agricultural Course.
- The Short Agricultural Course.
- The Dairy Course.
- The Farmers' Institutes.

The College of Law embraces—

- A Three Years' Course.

The College of Medicine embraces—

- A Two Years' Course.

Part II.

Statistical Tables.

Statistical Tables.

CENSUS STATISTICS, 1906-1907.

COUNTIES— Exclusive of cities under city superin- tendents.	CHILDREN BETWEEN 4 AND 20.			CHILDREN BETWEEN 7 AND 14.		
	Male.	Female.	Total.	No. of such chil- dren.	No. who attended public school 20 weeks or more.	No. who attended private school 20 weeks or more.
Totals	247,039	235,590	482,629	239,393	170,413	19,945
Adams	1,632	1,499	3,131	1,580	1,014	.....
Ashland	1,351	1,242	2,593	1,426	1,191	1
Barron	5,118	4,770	9,888	5,008	3,395	83
Bayfield	1,836	1,686	3,522	1,942	1,495	119
Brown	4,929	4,930	9,859	4,705	2,694	990
Buffalo	3,021	2,870	5,891	2,875	2,228	119
Burnett	1,887	1,776	3,663	1,905	968	3
Calumet	3,057	2,989	6,046	2,802	1,821	805
Chippewa	3,671	3,449	7,120	3,605	2,324	291
Clark	5,788	5,461	11,229	6,065	4,522	130
Columbia	3,933	3,743	7,676	3,733	2,561	85
Crawford	2,569	2,423	4,992	2,321	1,339	45
Dane	7,956	7,542	15,498	7,647	5,568	836
Dodge	6,297	5,992	12,289	5,897	3,808	1,338
Door	2,946	2,768	5,714	2,941	1,707	61
Douglas	1,134	1,047	2,181	1,357	956	19
Dunn	3,994	3,707	7,701	3,692	2,366	8
Eau Claire	2,885	2,634	5,519	2,868	2,268	40
Florence	633	580	1,213	637	570	.....
Fond du Lac	4,886	4,660	9,546	4,604	3,409	848
Forest	961	931	1,892	1,003	741	.....
Grant	6,525	6,414	12,939	6,378	3,269	.....
Green	2,703	2,407	5,110	2,889	2,466	.....
Green Lake	2,078	2,015	4,093	2,110	1,647	210
Iowa	3,416	3,288	6,704	3,230	2,652	173
Iron	1,249	1,187	2,436	1,234	1,193	.....
Jackson	3,411	3,119	6,530	3,706	2,193	351
Jefferson	4,615	4,390	9,005	3,152	3,284	877
Juneau	3,665	3,541	7,206	3,546	2,274	136
Kenosha	1,895	1,841	3,736	1,660	1,242	245
Kewaunee	3,164	3,070	6,234	2,923	2,180	292
La Crosse	2,243	2,124	4,367	2,243	1,822	150
Lafayette	3,596	3,421	7,017	3,489	2,443	3
Langlade	1,847	1,696	3,543	1,705	1,207	111
Lincoln	1,430	1,442	2,872	1,634	1,245	27
Manitowoc	7,088	7,202	14,290	6,619	4,641	1,304
Marathon	7,522	7,322	14,844	7,356	4,686	628
Marinette	3,305	3,072	6,377	3,239	2,324	96
Marquette	2,010	2,111	4,121	2,007	1,605	87

Statistical Tables.

CENSUS STATISTICS, 1906-1907—Continued.

COUNTIES-- Exclusive of cities under city superin- tendents.	CHILDREN BETWEEN 4 AND 20.			CHILDREN BETWEEN 7 AND 14.		
	Male.	Female.	Total.	No. of such chil- dren.	No. who attended public school 20 weeks or more.	No. who attended private school 20 weeks or more.
Milwaukee.	7,092	6,637	13,729	7,220	4,767	1,718
Monroe.....	5,025	4,860	9,885	4,951	3,944	472
Oconto	3,809	3,758	7,567	3,665	2,532	35
Oneida.....	937	884	1,821	899	432	17
Outagamie.....	4,888	4,523	9,411	4,606	3,242	1,023
Ozaukee.....	3,224	3,056	6,280	3,022	1,933	1,018
Pepin	1,461	1,335	2,796	1,398	862	17
Pierce	3,945	3,890	7,835	4,006	3,081	69
Polk.....	4,176	3,902	8,078	4,037	2,826	18
Portage.....	4,483	4,342	8,825	4,436	2,793	241
Price.....	2,327	2,265	4,592	2,648	2,270	.....
Racine.....	2,978	2,771	5,749	3,065	1,955	345
Richland.....	3,308	3,125	6,433	3,053	2,602	49
Rock.....	4,365	4,213	8,578	4,262	3,751	120
Rusk.....	1,591	1,552	3,143	1,812	1,367	3
St. Croix.....	4,414	4,245	8,659	4,369	3,278	118
Sauk.....	4,228	3,902	8,130	4,040	2,610	398
Sawyer.....	904	848	1,752	785	645	.....
Shawano.....	5,924	5,602	11,526	5,653	3,321	359
Sheboygan.....	4,963	4,926	9,889	4,844	3,833	635
Taylor.....	2,532	2,437	4,969	2,505	1,896	133
Trempealeau ..	4,525	4,180	8,705	4,204	2,937	273
Vernon.....	4,967	4,598	9,565	4,614	3,111	7
Vilas.....	660	605	1,265	719	894	23
Walworth.....	3,805	3,681	7,486	3,815	3,403	44
Washburn.....	1,634	1,606	3,240	1,744	645	.....
Washington....	4,319	4,158	8,477	3,967	2,398	1,214
Waukesha.....	3,932	3,768	7,700	3,823	3,048	258
Waupaca.....	5,030	4,720	9,750	4,829	4,740	308
Waushara.....	3,117	2,831	5,948	2,807	2,103	145
Winnebago.....	2,651	2,608	5,259	2,461	1,889	100
Wood.....	3,599	3,401	7,000	3,371	1,990	274

Statistical Tables.

ENROLLMENT AND ATTENDANCE, 1906-1907.

COUNTIES— Exclusive of cities under city superin- tendents.	ENROLLMENT IN PUBLIC SCHOOLS.				
	Number between 4 and 20.	Under 4.	Over 20.	Total number who have attended public school.	
				Male.	Female.
Totals.....	313,928	228	182	159,400	155,133
Adams	2,454	1	3	1,278	1,180
Ashland.....	1,927	.....	.....	1,018	909
Barron.....	6,958	1	4	3,456	3,507
Bayfield.....	2,476	.....	.....	1,276	1,200
Brown.....	4,768	.....	.....	2,396	2,372
Buffalo.....	4,233	1	8	2,173	2,069
Burnett.....	2,434	2	1	1,251	1,186
Calumet.....	3,015	.....	3	1,570	1,448
Chippewa.....	4,659	.....	2	2,351	2,310
Clark.....	7,717	2	1	3,892	3,838
Columbia.....	5,866	4	1	3,018	2,853
Crawford.....	3,682	.....	2	1,808	1,876
Dane.....	9,642	5	7	4,938	4,716
Dodge.....	6,922	4	2	3,568	3,360
Door.....	3,554	2	2	1,840	1,718
Douglas.....	1,782	.....	4	925	861
Dunn.....	5,663	.....	.....	2,831	2,832
Eau Claire.....	3,779	.....	4	1,965	1,818
Florence.....	942	.....	.....	475	467
Fond du Lac...	5,679	7	3	2,938	2,751
Forest.....	1,381	.....	.....	688	693
Grant.....	9,145	.....	2	4,454	4,693
Green.....	4,115	3	.....	2,173	1,945
Green Lake...	2,531	8	.....	1,292	1,247
Iowa.....	4,917	.....	5	2,407	2,515
Iron.....	2,074	.....	.....	1,036	1,038
Jackson.....	4,351	.....	10	2,218	2,143
Jefferson.....	5,833	1	2	2,938	2,898
Juneau.....	5,248	7	3	2,595	2,663
Kenosha.....	2,114	.....	1	1,069	1,046
Kewaunee.....	3,986	6	4	2,026	1,970
La Crosse.....	2,631	.....	1	1,367	1,265
Lafayette.....	5,155	.....	4	2,629	2,526
Langlade.....	2,276	.....	.....	1,148	1,128
Lincoln.....	1,903	3	.....	939	967
Manitowoc.....	7,931	2	3	4,048	3,887
Marathon.....	8,262	7	1	4,155	4,115
Marinette.....	3,950	.....	.....	1,971	1,979
Marquette.....	2,965	3	3	1,401	1,570

Statistical Tables.

ENROLLMENT AND ATTENDANCE, 1906-1907—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	ENROLLMENT IN PUBLIC SCHOOLS.				Total number who have attended public school.	
	Number between 4 and 20.	Under 4.	Over 20.			
				Male.	Female.	
Milwaukee	6,328	1	.....	3,329	3,080
Monroe	7,006	1	14	3,481	3,540	
Oconto	4,815	.....	.....	2,282	2,333
Oneida	1,355	.....	.....	682	673
Outagamie.....	5,013	4	2	2,651	2,356	
Ozaukee	2,929	.....	.....	1,546	1,383
Pepin	1,957	1	.....	1,015	943
Pierce	5,652	2	7	2,851	2,808	
Polk	5,484	2	6	2,845	2,647	
Portage	5,099	.....	1	2,511	2,589
Price	3,634	.....	.....	1,859	1,775
Racine	3,374	.....	1	1,737	1,638
Richland	5,412	.....	8	2,809	2,723
Rock	6,291	1	3	3,191	3,104	
Rusk	2,438	8	1	1,216	1,231	
St. Croix	6,211	3	3	3,112	3,105	
Sauk	5,367	2	.....	2,793	2,576
Sawyer	1,225	1	.....	621	605
Shawano	6,875	112	2	3,505	3,484	
Sheboygan	5,971	1	1	3,031	2,942	
Taylor	3,270	6	.....	1,647	1,629
Trempealeau ..	5,432	4	10	2,728	2,718	
Vernon	7,022	.....	7	3,605	3,424
Vilas	966	.....	.....	495	471
Walworth	6,083	1	4	3,065	3,023	
Washburn	2,247	.....	.....	987	1,172
Washington	4,544	1	.....	2,394	2,151
Waukesha	4,880	.....	5	2,561	2,334
Waupaca	6,183	3	10	3,137	3,059	
Wausara	4,365	4	8	2,210	2,167	
Winnebago	3,501	1	3	1,754	1,751	
Wood	4,279	.....	.....	2,239	2,140

TEACHERS' CERTIFICATES, 1906-1907.

Counties— Exclusive of cities under city superin- tendents.	CERTIFICATES GRANTED BY COUNTY SUPERINTENDENTS.							Applicants refused certificates.	Limited certificates granted.	Teachers holding state certificates.	Normal school graduates.		No. who have attended normal school.	No. of graduates from common schools, 1907.
	1st grade.		2d grade.		3d grade.		Total.				Full course.	Elemen- tary course.		
	To men.	To women.	To men.	To women.	To men.	To women.								
Totals.....	91	407	159	1,428	572	4,861	7,518	1,721	454	1,078	782	346	1,465	3,633
Adams.....			1	10	6	120	137	22	9			1	7	15
Ashland.....	4	6	3	25	4	28	70							
Barron.....	1	5	7	33	18	143	207	41		14				124
Bayfield.....		3	3	11	3	44	64	19	17	26	16	8	28	4
Brown.....	2		3	10	8	58	81	39		10	6	2	19	29
Buffalo.....		3	2	5	5	21	36	7		2	4	7		54
Burnett.....	2	3	2	22	4	56	89	18	15	8	7	1	29	21
Calumet.....				4	12	77	93	20	15		6	7	45	32
Chippewa.....		6	1	40	3	62	112	135	4	11	7	3	4	43
Clark.....	3	3	2	25	10	84	127	88	4	29	14	14	25	83
Columbia.....		1	1	33	7	117	159	53	33	37	13	6	11	128
Crawford.....	2	8		14	5	86	115	42	13	10	5		8	53
Dane.....	3	83	7	101	8	96	298	7	2	41	17	13	30	185
Dodge.....	2	3	6	27	18	150	206	25	3	29	12	3	27	41
Door.....	1	1	5	8	14	37	66	15	1		1	3	18	37
Douglas.....		2	1	15	4	41	63	10		75	7	4	39	17
Dunn.....		1	3	7	4	65	80	23		14	7	4	19	87
Eau Claire.....	1	16		24	2	59	102	8		16	7	3	5	28

Statistical Tables.

Statistical Tables.

Florence.....	2	.....	6	.....	8	16	.....	2	12	3	7	8	6
Fond du Lac.....	3	6	5	35	14	129	192	30	9	17	7	9	60
Forest.....	.....	3	.....	13	2	7	25	7	7	.....	4	7	7
Grant.....	2	20	2	24	12	176	236	41	15	67	41	8	65
Green.....	3	9	5	12	14	128	171	51	.....	27	10	11	32
Green Lake.....	1	6	3	27	4	28	69	12	1	12	9	2	6
Iowa.....	.....	1	3	36	7	60	107	72	11	.....	31	3	10
Iron.....	.....	6	.....	3	.....	5	14	.....	.....	17	4	6	6
Jackson.....	7	8	1	21	8	70	115	11	4	12	6	3	3
Jefferson.....	1	5	10	26	14	78	134	.....	.....	21	18	11	32
Juneau.....	1	3	2	11	16	83	116	38	1	33	12	3	11
Kenosha.....	2	4	1	16	1	47	71	28	.....	5	3	2	5
Kewaunee.....	5	2	7	2	20	31	67	17	.....	4	7	2	11
La Crosse.....	.....	2	1	17	.....	29	49	2	4	.....	6	1	4
Lafayette.....	.....	.....	1	16	19	153	189	14	.....	13	11	.....	42
Langlade.....	1	3	1	5	5	72	87	4	.....	4	.....	3	8
Lincoln.....	1	15	.....	27	4	46	93	45	9	1	.....	1	5
Manitowoc.....	3	.....	2	10	25	58	98	23	.....	7	27	10	21
Marathon.....	1	4	3	21	7	99	135	49	1	26	.....	.....	109
Marinette.....	1	1	4	15	.....	62	83	12	6	22	10	11	29
Marquette.....	.....	.....	1	16	2	64	83	26	9	11	11	.....	7
Milwaukee.....	4	8	5	22	5	22	66	.....	2	5	54	2	42
Monroe.....	.....	9	1	46	8	83	147	21	14	42	34	5	10
Oconto.....	2	5	4	15	8	52	86	37	.....	10	3	6	34
Oneida.....	.....	4	.....	7	.....	34	45	3	1	64	8	.....	.....
Outagamie.....	1	5	.....	22	14	105	147	15	.....	9	6	10	20
Ozaukee.....	.....	.....	1	6	18	37	62	12	.....	23	15	5	35
Pepin.....	.....	1	2	18	3	29	53	15	2	4	7	2	2
Pierce.....	2	11	5	22	5	50	95	30	8	2	15	10	60
Polk.....	1	9	1	31	5	62	109	9	6	13	14	3	30
Portage.....	3	6	.....	17	9	115	150	45	.....	9	2	5	64
Price.....	.....	3	1	10	6	41	61	11	2	3	11	7	24
Racine.....	2	2	.....	15	9	62	90	19	.....	4	14	.....	15
Richland.....	1	2	4	13	9	38	67	8	.....	2	19	3	6
Rock.....	.....	6	.....	20	8	150	184	24	10	19	28	6	59
Rusk.....	.....	5	1	14	5	32	57	5	12	4	6	3	3

TEACHERS' CERTIFICATES, 1906-1907—Continued.

Counties— Exclusive of cities under city superin- tendents.	CERTIFICATES GRANTED BY COUNTY SUPERINTENDENTS.							Applicants refused certificates.	Limited certificates granted.	Teachers holding state certificates.	Normal school graduates.		No. who have attended normal school.	No. of graduates from common schools, 1907.
	1st grade.		2d grade.		3d grade.		Total.				Full course.	Elemen- tary course.		
	To men.	To women.	To men.	To women.	To men.	To women.								
St. Croix.....	2	2	9	46	4	61	124	26	24	4	17	4	105	97
Sauk.....	6	1	24	9	109	149	.....	44	18	12	1	6	66	66
Sawyer.....	1	1	3	14	1	33	53	1	5	10	4	4	10	9
Shawano.....	4	8	2	14	18	95	141	38	14	17	7	5	30	127
Sheboygan.....	3	6	1	18	24	89	141	104	7	26	9	5	19	38
Taylor.....	1	2	.....	21	1	51	76	42	3	1	8	7	9	29
Trempealeau.....	4	9	3	18	5	47	86	16	4	37	21	16	44	20
Vernon.....	4	1	17	20	162	204	49	38	15	8	3	5	121	121
Vilas.....	4	1	3	2	13	23	12	4	40	8	2	15	4	4
Walworth.....	4	.....	21	2	79	106	34	2	2	16	8	30	104	104
Washburn.....	1	3	1	10	4	36	55	5	37	10	8	1	8	15
Washington.....	1	4	4	7	17	48	81	4	2	21	11	3	21	49
Waukesha.....	.....	2	1	20	17	94	131	35	11	4	35	16	27	96
Waupaca.....	1	7	2	16	8	59	93	26	.....	1	20	8	5	93
Wausara.....	2	6	2	21	3	68	102	13	2	1	3	12	4	18
Winnebago.....	1	18	4	93	6	72	199	.....	3	13	3	1	34	.....
Wood.....	1	1	.....	9	10	56	77	8	2	12	4	7	3	46

Statistical Tables.

TEACHERS AND TOWNSHIP LIBRARIES, 1906-1907.

COUNTIES— Exclusive of cities under city superin- tendents.	TEACHERS.					TOWNSHIP LIBRARIES.		
	Teachers employed.			Teachers' average wages per month.		Amount expended during year.	Number volumes pur- chased dur- ing year.	Number volumes now in the library.
	Male.	Female.	Total.	Male.	Female.			
Totals	1,397	9,174	10,571	\$62 34	\$39 75	\$41,428 86	77,465	854,910
Adams	7	139	146	\$45 89	\$29 73	\$323 26	753	7,727
Ashland	8	57	65	60 50	38 49	254 20	447	3,081
Barron	28	194	222	57 75	38 38	959 03	1,515	14,495
Bayfield	9	90	99	66 77	43 65	340 10	739	5,797
Brown	18	84	102	53 99	37 73	886 90	1,602	19,691
Buffalo	28	111	139	53 74	37 03	.....	.....	.....
Burnett	12	107	119	47 58	38 95	428 90	853	6,411
Calumet	12	71	83	58 20	38 77	621 60	1,130	14,293
Chippewa	9	168	177	63 36	36 43	.....	1,514	15,161
Clark	36	213	249	59 49	38 46	1,043 69	993	17,946
Columbia	23	215	238	71 48	35 19	727 03	1,482	18,783
Crawford	16	117	133	53 52	39 56	501 20	.....	.....
Dane	31	314	345	63 94	36 21	1,471 43	2,857	35,528
Dodge	38	212	250	53 98	34 06	1,038 68	2,615	26,315
Door	24	52	76	54 01	41 10	586 06	944	12,842
Douglas	8	72	80	49 55	44 23	.....	.....	.....
Dunn	24	131	155	46 34	41 56	.....	.....	.....
Eau Claire	8	119	127	74 69	38 79	541 90	1,215	12,329
Florence	2	30	32	103 15	48 11	113 28	229	2,632
Fond du Lac	25	178	203	46 72	34 52	951 18	2,296	21,805

Statistical Tables.

TEACHERS AND TOWNSHIP LIBRARIES, 1906-1907—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	TEACHERS.					TOWNSHIP LIBRARIES.		
	Teachers employed.			Teachers' average wages per month.		Amount expended during year.	Number volumes pur- chased dur- ing year.	Number volumes now in the library.
	Male.	Female.	Total.	Male.	Female.			
Forest.....	8	36	44	\$65 90	\$52 05	\$209 34	374	2,345
Grant.....	32	326	358	74 06	37 17	1,194 70	2,239	25,323
Green.....	28	182	210	50 24	36 26	537 90	1,219	14,769
Green Lake.....	18	78	96	49 00	35 55	406 75	773	9,068
Iowa.....	22	144	166	81 40	40 70	507 64	1,107	15,382
Iron.....	5	50	55	91 00	48 56	247 90	363	3,572
Jackson.....	13	143	156	72 27	40 61	615 84	1,190	15,194
Jefferson.....	19	185	204	77 80	36 93	712 19	1,677	19,069
Juneau.....	23	168	191	62 20	34 81	712 84	.....	14,075
Kenosha.....	6	67	73	62 75	39 69	.....	.....	.....
Kewaunee.....	33	48	81	52 83	38 10	623 08	919	14,097
La Crosse.....	7	83	90	66 80	35 90	429 41	1,131	10,682
Lafayette.....	29	150	179	76 36	36 47	680 18	1,297	19,810
Langlade.....	8	70	78	51 19	35 90	349 42	751	6,482
Lincoln.....	6	77	83	42 85	35 99	276 07	666	4,701
Manitowoc.....	58	135	193	63 89	46 68	984 53	2,080	23,000
Marathon.....	31	199	230	53 19	40 34	1,435 55	2,667	21,869
Marinette.....	10	98	108	62 52	44 55	607 30	1,017	8,798
Marquette.....	8	83	91	57 00	39 90	400 88	1,156	8,400
Milwaukee.....	33	128	161	78 52	48 25	1,532 85	2,000	19,923
Monroe.....	18	215	236	77 43	50 84	1,000 90	1,774	20,599
Oconto.....	16	102	118	61 57	36 57	722 25	1,529	11,879

Statistical Tables.

Oneida	4	64	68	76 11	41 21	182 41	344	2,682
Outagamie.....	16	131	147	59 20	33 40	930 93	1,710	20,252
Ozaukee.....	30	60	90	63 39	44 98	606 75	.....	.....
Pepin	10	51	61	79 91	61 22	273 70	527	6,106
Pierce	27	161	188	69 19	44 05	724 69	1,561	19,003
Polk	24	164	188	57 19	45 50	768 88	1,367	14,488
Portage.....	16	152	168	50 69	32 77	822 44	1,831	14,387
Price	15	105	120	64 87	40 15	488 55	814	7,393
Racine.....	9	98	107	53 27	39 80	617 61	1,357	14,389
Richland	38	204	242	50 04	35 14	586 54	768	10,803
Rock	18	225	243	77 04	37 28	865 56	1,854	20,565
Rusk	20	78	98	53 72	37 83	306 49	723	4,338
St. Croix	22	180	202	66 85	41 31	888 32	1,533	17,560
Sauk.....	21	197	218	60 35	37 32	978 30	1,449	23,202
Sawyer	9	55	64	60 79	43 34	192 50	228	1,824
Shawano.....	38	140	178	57 52	39 36	1,159 43	1,728	16,295
Sheboygan	35	140	175	57 36	41 15	.....	1,530	20,611
Taylor	12	105	117	59 88	40 96	486 40	864	8,202
Trempealeau	27	132	159	67 98	36 93	.....	.....	.....
Vernon	27	195	222	50 17	34 35	932 75	1,711	19,641
Vilas	7	35	42	81 00	41 91	200 00	.....	1,275
Walworth.....	24	196	220	82 64	40 55	.....	.....	.....
Washburn	14	90	104	54 37	39 14	.....	.....	.....
Washington	35	100	135	63 58	41 76	850 36	1,339	20,181
Waukesha.....	24	130	154	58 41	42 60	779 71	1,834	20,357
Waupaca.....	28	165	193	56 03	37 17	933 98	1,734	20,587
Waushara.....	20	162	182	58 35	35 02	579 74	1,362	12,712
Winnebago.....	12	108	120	70 62	34 23	535 00	1,047	.....
Wood.....	18	107	125	50 44	39 26	761 86	1,137	14,184

Statistical Tables.

TEACHERS' WAGES CLASSIFIED, 1906-1907.

COUNTIES— Exclusive of cities under city superintendents.	Less than \$20 per month.		No. teachers who receive not less than \$20 nor more than \$25 per month.		Not less than \$26 nor more than \$30 per month.		Not less than \$31 nor more than \$35 per month.		Not less than \$36 nor more than \$40 per month.		Not less than \$41 nor more than \$45 per month.		Not less than \$46 nor more than \$50 per month.		More than \$50 per month.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Totals.....	3	5	9	414	59	2,046	182	2,666	218	1,953	168	1,009	171	569	572	492
Adams		1		33		66	3	33	1	4	2	2			1	
Ashland								15		21		7		11	5	3
Barron				10	2	28	7	66	12	52	4	20		7	3	12
Bayfield.....	1							3	3	38	2	27	1	6	2	16
Brown						24	1	20	2	20	3	11	3	5	9	4
Buffalo				1		30	5	42	4	23	5	4	7	4	7	4
Burnett						11	3	58	4	27	1	7	3	1	1	3
Calumet					2	19	2	22	2	21	1	5	2	4	3	
Chippewa				59		81	2	15	3	6	1	7			3	
Clark					1	63	1	64	6	44	5	11	9	23	14	8
Columbia	1	1		19	2	64	4	63	6	36		15		10	10	7
Crawford			1	42	1	41	3	19	3	7		2	1	3	5	
Dane				13		113	4	74	12	56		33	4	17	11	8
Dodge			1	13	4	76	8	61	6	41	3	11	3	7	12	8
Door					1	3	1	12	4	17	5	15	3	5	10	
Douglas								2	2	30		16	2	11		7
Dunn						24	3	43	4	47		17			12	
Eau Claire						15		35	1	32		14			4	7
Florence								2		5		8		14	2	1

Statistical Tables.

Statistical Tables.

Fond du Lac	1	11	3	73	6	47	5	18	3	14	2	11	6	3
Forest						4	2	5	1	18		2	5	7
Grant		15	3	140	7	72	3	34	2	37	1	13	16	15
Green		1		14	5	62	12	52	8	35		12	3	6
Green Lake		3	2	40	1	20	1	77		6		2	4	7
Iowa		10	3	64	1	40	2	16	4	8	2	4	10	2
Iron		2				2		9		16		13	5	8
Jackson		1	3	55	2	42	2	14		15		9	6	7
Jefferson		11		49	5	54	8	20	3	25	6	7	8	8
Juneau		1	2	62	4	45	5	30		14		9	8	10
Kenosha				8		13		17		17	1	6	5	6
Kewaunee		1		5		9	5	19	5	7	9	5	14	2
La Crosse		5		28	1	25	3	9	1	10		4	2	4
Lafayette		5		34	3	49	2	33	5	20	4	7	15	3
Langlade				11		32	3	21		5	1	1	4	
Lincoln				3	5	41		32		1		1	1	
Manitowoc		2				15		36	3	31	18	27	37	24
Marathon				22	1	72	5	59	9	29	3	6	11	3
Marinette						23		37	4	10	1	14	5	14
Marquette		6	2	42	1	18	1	7		3	1	4	3	3
Milwaukee						6		11	1	18	1	33	27	64
Monroe		14			3	75		60	4	35		25	11	9
Oconto			1	16	2	47	2	23	1	13		1	10	2
Oneida						40		6				8	4	2
Outagamie		4	1	42	1	54		26	3	1	5		4	4
Ozaukee		1		1		6	6	25	4	15	5	6	15	6
Pepin		1		8		18	1	7	3	2	2	3	4	3
Pierce	2			6		43	6	53	5	23	2	18	12	18
Polk				6	1	52	3	50	8	27	6	9	8	3
Portage		17		68	3	48	3	12	4	4	1	3	5	
Price				2	1	43	4	39	2	15	2	6	6	
Racine		1	1	21	1	27	1	15		11	2	12	4	11
Richland		6	3	68	10	48	5	11	5	16	2	4	10	1
Rock		1	6	53	2	78	4	46		13	1	15	10	14
Rusk			1	4	6	43	4	20	1	11	1	7		
St. Croix	1			9	3	64	1	47	4	29	2	15	12	16

TEACHERS' WAGES CLASSIFIED, 1906-1907—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	Less than \$20 per month.		No. teachers who receive not less than \$20 nor more than \$25 per month.		Not less than \$26 nor more than \$30 per month.		Not less than \$31 nor more than \$35 per month.		Not less than \$36 nor more than \$40 per month.		Not less than \$41 nor more than \$45 per month.		Not less than \$46 nor more than \$50 per month.		More than \$50 per month.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Sauk.....			2	43	2	48	7	86	3	45	1	.....	.....	1	7	8
Sawyer.....					2	2	3	12	2	7	.....	11	3	5	4	12
Shawano.....					1	11	4	44	6	52	3	24	14	9	10	.....
Sheboygan.....			1		1	19	1	37	3	39	5	18	5	10	17	13
Taylor.....			1		1	21	3	26	2	25	1	10	1	9	4	7
Trempealeau.....				6	2	22	4	39	6	35	3	16	1	12	11	2
Vernon.....				13	5	80	14	51	4	25	2	11	.....	5	6	2
Vilas.....									2	4	.....	19	2	7	5	5
Walworth.....				17	1	40	.....	33	2	29	.....	21	2	20	17	32
Washburn.....					1	9	4	47	4	22	2	5	.....	5	3	2
Washington.....						6	3	29	1	26	3	17	11	11	17	11
Waukesha.....					2	10	2	26	4	38	4	28	4	18	8	8
Waupaca.....				1	1	39	5	73	5	32	3	8	1	6	13	6
Waushara.....			2	8	4	69	5	42	.....	24	2	10	2	4	5	5
Winnebago.....	2			8		35	2	43	.....	10	.....	4	.....	9	9	5
Wood.....				2		23	1	46	2	17	7	13	3	5	5	1

Statistical Tables.

ENROLLMENT OF PUPILS CLASSIFIED IN COUNTIES, 1906-1907.

COUNTIES—Exclusive of cities under city superintendents.	No. schools in coun- ties enrolling 5 or less than 5 pupils.	More than 5 and less than 11.	More than 10 and less than 16.	More than 15 and less than 21.	More than 20 and less than 26.	More than 25 and less than 31.	More than 30 and less than 36.	More than 35 and less than 41.	More than 40 and less than 46.	More than 45 and less than 51.	More than 50 and less than 56.	More than 55 and less than 61.	More than 60.
	68	385	678	808	1,010	1,098	1,114	975	780	535	411	273	378
Totals.....	68	385	678	808	1,010	1,098	1,114	975	780	535	411	273	378
Adams.....		6	11	18	15	12	11	6	5	2	1		
Ashland.....	4	3	3	9	10	9	13	6		3	2		
Barron.....		3	2	6	12	18	14	13	24	13	30	18	16
Bayfield.....	1	15	18	8	12	7	7	7	9		2		
Brown.....		1	4	2	7	7	16	9	4	7	6	8	28
Buffalo.....			8	5	25	20	16	12	14	5	5	2	2
Burnett.....		2	7	10	15	15	6	9	9	3	2	3	1
Calumet.....		6	8	12	7	8	14	5	10	4	2	3	4
Chippewa.....	1	7	14	10	22	20	27	18	8	15	5	2	
Clark.....		4	8	12	11	20	14	37	32	28	13	7	12
Columbia.....		4	8	24	25	24	23	37	12	11	11		4
Crawford.....		5	11	4	9	7	7	12	10	7	1	1	1
Dane.....	1	7	17	40	46	46	44	43	28	18	8	5	2
Dodge.....		9	23	34	29	27	20	14	10	8	1	2	4
Door.....		1	1	4	4	3	7	8	7	14	8	5	12
Douglas.....		4	16	13	6	8	8	4	5	3	2		1
Dunn.....			2	5	7	8	47	21	33	10	8	6	8

Statistical Tables.

ENROLLMENT OF PUPILS CLASSIFIED IN COUNTIES, 1906-1907—Continued.

COUNTIES—Exclusive of cities under city superintendents.	No. schools in coun- ties enrolling 5 or less than 5 pupils.	More than 5 and less than 11.	More than 10 and less than 16.	More than 15 and less than 21.	More than 20 and less than 26.	More than 25 and less than 31.	More than 30 and less than 36.	More than 35 and less than 41.	More than 40 and less than 46.	More than 45 and less than 51.	More than 50 and less than 56.	More than 55 and less than 61.	More than 60.
Eau Claire		4	7	9	7	15	14	19	16	2	3	6	1
Florence		3	2	6	9	7				1			
Fond du Lac		6	19	23	23	37	19	12	16	11	12	4	5
Forest		4	3	1	3	7	2	3	4	3	4		5
Grant	9	31	48	25	39	30	32	63	10	4	6		2
Green	3	15	34	29	24	18	14	2	2	1	1		
Green Lake		4	6	10	21	20	8	7	3	3	1	3	
Iowa	7	32	20	21	32	14	7	11	1	6	9	4	1
Iron	1	1	4	3	5		1	2	4	10	4	4	9
Jackson	2	4	7	6	16	12	21	14	7	5	1	4	3
Jefferson	3	18	39	21	19	9	7	10	1				
Juneau	1	14	12	9	17	12	12	10	6	3	3	1	6
Kenosha		3	7	10	9	11	3	9	5	6	3	4	1
Kewaunee					1	4	7	8	9	17	10	12	10
La Crosse		3	2	5	15	17	11	8	10	6	3	1	1
Lafayette	5	13	32	13	23	27	20	12	4	4	3	9	2
Langlade	2	12	11	4	5	8	8	11		3	7	2	5
Lincoln	2	5	14	10	19	7	3	10		4	1	1	1
Manitowoc			2	1	12	20	20	11	30	19	15	16	26
Marathon		3	7	14	23	28	33	22	21	21	12	6	21
Marinette	3	6	9	15	7	10	15	10	9	4	5	8	5

Statistical Tables.

Statistical Tables.

Marquette	2	5	3	10	9	16	10	7	6	5	4	2
Milwaukee	1	3	3	8	18	21	14	19	15	15	13	23
Monroe	4	8	11	12	26	25	20	9	7	8	1	4
Oconto	8	4	9	8	7	12	8	13	8	8	4	18
Oneida	1	7	7	9	5	2	2	2	1	1	2	2
Outagamie	2	3	14	9	22	23	26	17	11	4	4	6
Ozaukee	2	3	6	8	12	15	13	9	6	2	3	5
Pepin	2	2	2	4	8	4	14	3	4	4	2	4
Pierce	4	1	8	11	15	18	12	10	8	5	2	6
Polk	2	5	7	5	18	21	12	15	13	11	9	8
Portage	5	2	4	8	19	18	23	26	12	5	7	7
Price	11	8	16	8	23	12	8	10	3	4	3	3
Racine	4	7	13	11	9	12	10	8	9	6	3	6
Richland	5	7	20	18	20	20	17	18	9	8	5	3
Rock	8	22	19	44	21	26	15	12	4	3	6	4
Rusk	3	7	4	10	9	12	7	4	5	4	4	4
St. Croix	2	5	17	16	22	23	22	16	10	14	6	9
Sauk	4	13	40	32	28	30	14	16	4	6	1	1
Sawyer	3	7	12	6	4	2	2	7	2	3	2	1
Shawano	2	1	10	5	8	12	21	15	24	8	12	27
Sheboygan	1	5	7	8	17	26	30	23	17	9	7	7
Taylor	3	16	9	8	9	13	12	3	9	8	2	4
Trempealeau	2	1	3	5	15	27	25	22	19	18	5	2
Vernon	3	7	9	14	47	35	33	10	14	3	3	8
Vilas	1	4	5	5	2	6	10	2	2	2	2	2
Walworth	1	4	15	21	19	18	10	8	1	2	3	4
Washburn	1	7	15	11	8	11	5	10	5	7	1	1
Washington	5	13	16	16	13	15	14	5	5	5	2	2
Waukesha	3	7	12	8	20	20	12	16	8	11	3	4
Waupaca	3	14	18	19	20	12	14	7	6	4	4	3
Waushara	2	8	27	26	20	18	9	9	4	2	6	6
Winnebago	1	9	14	18	19	11	17	7	6	2	4	2
Wood	1	4	9	13	15	14	11	13	11	10	3	7

HIGH AND GRADED SCHOOLS, TEACHERS, ETC., 1906-1907.

Counties.	No. free high schools.	No. state graded schools.		No. school districts.	No. schools in county with one department.	Two departments.	Three departments.	Four or more departments.	No. districts furnishing free text books.	No. teachers required when all schools are in session.
		1st class.	2d class.							
Totals.....	218	171	232	7,009	6,567	304	108	274	2,676	9,587
Adams.....	1			85	84		1		15	87
Ashland.....	2	3		42	45	1		2	38	67
Barron.....	3	5		133	123	2	4	4	82	174
Bayfield.....	2	3	2	52	60	3	1	1	47	99
Brown.....	1		3	87	83	6		1	25	103
Buffalo.....	3		4	91	82	5		3	24	116
Burnett.....	1		1	70	73	2		1	66	78
Calumet.....	4	1		68	62	3	1	4	11	93
Chippewa.....	3	1	5	133	223	5	1	3	108	152
Clark.....	7	4	2	138	129	7	1	9	110	194
Columbia.....	2	3	3	117	133	3		9	33	192
Crawford.....	2	2	7	102	81	7	1	2	43	116
Dane.....	13	5	11	250	221	14	5	9	61	326
Dodge.....	5	2	4	188	252	4	2	5	22	235
Door.....	1		6	68	59	6			12	74
Douglas.....		1	5	36	54	6		1	36	75
Dunn.....		7	2	134	119	4	3	3	88	155
Eau Claire.....	2	1	2	81	76	2		4	77	107
Florence.....	1	1	1	11	12	1		2	10	32
Fond du Lac.....	3	2	2	163	136	2	1	2	11	192
Forest.....	1	3	2	16	19	2	1	2	15	43
Grant.....	13	4	6	221	199	7	4	12	11	326

Statistical Tables.

Statistical Tables.

Green.....	1	3	1	126	121	2	.....	4	14	147
Green Lake.....	3	1	2	71	65	2	1	3	6	93
Iowa.....	7	3	2	130	120	3	2	7	9	165
Iron.....	1	2	.....	18	16	5	1	2	13	53
Jackson.....	4	2	4	103	98	4	2	3	52	144
Jefferson.....	7	1	2	134	101	2	1	11	21	202
Juneau.....	5	1	2	113	97	3	.....	6	17	167
Kenosha.....	1	.....	5	64	51	6	.....	.....	4	71
Kewaunee.....	2	.....	4	59	52	6	.....	2	2	81
La Crosse.....	2	.....	4	65	67	4	.....	2	52	87
Lafayette.....	6	3	1	127	127	.....	4	6	7	178
Langlade.....	.....	1	3	69	68	3	.....	.....	39	77
Lincoln.....	2	1	3	64	69	3	1	.....	60	78
Manitowoc.....	2	2	2	111	99	5	1	8	7	193
Marathon.....	3	4	5	183	166	6	2	6	136	219
Marinette.....	1	4	4	67	71	4	2	3	65	108
Marquette.....	2	.....	4	64	58	6	.....	2	3	83
Milwaukee.....	1	10	7	73	49	7	4	10	8	175
Monroe.....	6	1	4	143	131	7	1	6	47	206
Oconto.....	1	3	6	89	73	6	1	3	44	114
Oneida.....	1	3	2	58	47	2	2	1	56	63
Outagamie.....	4	3	3	123	114	3	3	2	21	146
Ozaukee.....	2	3	1	59	51	2	3	3	25	87
Pepin.....	2	1	1	37	34	1	1	2	17	54
Pierce.....	4	3	5	112	101	5	2	5	43	160
Polk.....	3	4	2	115	105	2	2	8	96	143
Portage.....	2	2	2	116	108	4	2	2	45	133
Price.....	3	3	1	75	73	1	2	4	75	117
Racine.....	3	2	6	80	63	8	2	2	5	107
Richland.....	4	1	5	127	107	5	2	3	23	157
Rock.....	5	2	6	169	156	6	2	5	40	226
Rusk.....	1	6	2	63	54	2	4	2	63	80
St. Croix.....	4	7	4	127	108	4	7	4	65	179
Sauk.....	5	5	4	163	133	5	3	5	23	196
Sawyer.....	1	.....	.....	19	34	1	.....	2	19	56
Shawano.....	4	4	2	114	96	8	2	3	52	156

HIGH AND GRADED SCHOOLS, TEACHERS, ETC., 1906-1907—Continued.

Counties.	No. free high schools.	No. state graded schools.		No. school districts.	No. schools in county with one department.	Two departments.	Three departments.	Four or more departments.	No. districts furnishing free text books.	No. teachers required when all schools are in session.
		1st class.	2d class.							
Sheboygan	4	2	16	113	92	17	3	3	13	167
Taylor.....	2	2	2	74	79	2	1	3	69	112
Trempealeau	6	3	1	113	86	4	1	8	53	153
Vernon.....	3	3	2	154	141	8	1	6	75	187
Vilas.....	1	3	.....	19	17	.....	1	2	18	39
Walworth.....	7	3	3	119	105	2	.....	9	35	211
Washburn.....	2	1	1	58	54	1	.....	3	65	84
Washington.....	3	.....	8	97	89	8	.....	4	12	135
Waukesha.....	5	2	7	115	106	10	2	7	10	206
Waupaca.....	5	4	6	135	129	4	4	5	24	183
Waushara.....	2	3	4	100	95	7	1	4	7	133
Winnebago.....	2	1	1	96	78	2	1	2	13	116
Wood	1	5	2	100	88	4	4	2	63	124

Statistical Tables.

FINANCIAL RECEIPTS, 1906-1907.

COUNTIES— Exclusive of cities under city superintendents.	From money on hand June 30, 1906.	From taxes levied at dis- trict school meeting.	From taxes levied at annual town meeting.	From taxes levied by county board of supervisors.	From state school fund income.	From all other sources.	Total amount re- ceived during the year.
Totals	\$1,678,078 40	\$2,165,375 05	\$362,760 51	\$984,802 13	\$1,008,027 81	\$961,345 32	\$7,160,339 22
Adams.....	\$7,749 10	\$12,820 54	.....	\$6,607 31	\$6,730 78	\$3,538 22	\$37,445 95
Ashland	10,036 58	9,585 42	\$17,400 00	5,184 38	6,187 80	991 26	49,385 44
Barron.....	42,631 31	43,429 29	453 21	19,905 98	21,779 45	17,204 65	145,403 89
Bayfield.....	43,134 90	4,895 00	35,105 00	5,798 98	7,367 53	9,454 97	105,756 38
Brown	25,574 72	12,050 66	.....	19,572 25	19,794 91	8,068 66	85,061 20
Buffalo	15,554 02	19,867 64	.....	15,542 09	11,688 29	9,903 41	72,555 45
Burnett.....	14,750 10	12,815 61	1,400 00	9,474 88	7,607 09	3,000 35	49,048 03
Calumet	20,922 86	18,898 95	.....	12,916 14	12,566 85	15,582 47	80,887 27
Chippewa	39,369 80	26,093 41	4,705 37	14,444 35	15,557 88	6,053 64	106,224 45
Clark	50,125 01	52,913 06	.....	22,915 83	23,412 15	41,209 16	190,575 21
Columbia	39,074 36	50,284 86	1,136 42	15,353 14	16,369 11	19,063 93	141,231 82
Crawford	16,420 07	17,690 17	.....	10,757 71	10,230 44	21,745 94	76,844 33
Dane	38,164 71	68,951 55	.....	31,121 29	33,233 17	13,139 69	184,610 41
Dodge	41,300 67	52,027 84	.....	24,485 05	24,299 90	23,506 57	165,620 03
Door	16,683 34	11,895 54	775 00	12,000 86	12,151 56	2,297 92	55,804 22
Douglas.....	2,830 57	4,280 00	38,575 00	4,704 79	7,305 23	1,779 86	59,475 45
Dunn	22,193 42	29,402 42	.....	15,906 92	15,895 58	9,652 16	93,050 50
Eau Claire.....	19,871 14	28,494 49	.....	10,810 43	11,811 71	2,897 64	73,885 41
Florence	8,806 24	7,777 07	10,800 00	.....	3,991 27	1,499 68	32,874 26
Fond du Lac.....	24,847 32	33,792 79	.....	18,852 73	18,716 51	12,944 31	109,153 66
Forest	12,774 66	.....	32,022 50	2,559 08	4,809 44	9,352 13	61,517 81
Grant.....	48,137 01	79,212 96	.....	25,669 04	26,262 46	19,196 01	198,477 48
Green.....	16,669 29	33,876 28	.....	11,450 34	10,531 32	3,653 13	76,180 36
Green Lake	11,183 54	21,036 67	.....	8,025 09	8,632 46	2,512 65	51,390 41

Statistical Tables.

FINANCIAL RECEIPTS, 1906-1907—Continued.

Counties— Exclusive of cities under city superintendents.	From money on hand June 30, 1906.	From taxes levied at dis- trict school meeting.	From taxes levied at annual town meeting.	From taxes levied by county board of supervisors.	From state school fund income.	From all other sources.	Total amount re- ceived during the year.
Iowa.....	\$10,072 82	\$16,556 17	.....	\$12,860 19	\$14,976 95	\$13,540 49	\$98,006 62
Iron	17,422 18	12,225 50	\$13,909 00	10,877 77	1,516 28	10,749 68	66,700 41
Jackson	21,793 34	26,892 00	300 00	13,198 01	13,592 22	8,568 61	84,314 18
Jefferson	26,042 54	62,359 26	358 62	16,369 95	19,913 95	14,320 91	139,365 23
Juneau	22,021 13	44,016 00	204 70	14,223 53	14,060 19	33,692 78	128,218 33
Kenosha.....	8,750 14	19,185 60	.....	6,645 18	7,038 79	3,405 64	45,025 35
Kewaunee.....	17,494 95	19,922 82	7,100 00	13,105 76	13,357 92	5,800 61	76,782 06
La Crosse	11,812 06	17,070 79	.....	8,832 96	9,449 57	2,606 67	49,822 05
Lafayette	22,153 85	53,061 05	690 29	15,187 69	14,770 30	10,883 70	116,746 88
Langlade	21,476 83	21,234 11	4,300 00	7,021 48	7,373 39	7,585 05	69,040 86
Lincoln	13,001 35	9,967 91	17,153 27	6,616 00	5,759 73	2,290 02	54,785 28
Manitowoc.....	36,001 78	72,761 35	.....	29,398 09	29,031 29	16,976 74	184,172 25
Marathon	48,839 33	39,237 21	.....	28,985 55	31,604 47	43,102 99	191,769 55
Marinette	18,318 51	14,643 91	21,874 20	11,751 21	15,079 46	2,587 96	87,255 25
Marquette	3,343 29	14,736 29	.....	8,024 94	8,377 74	3,690 97	41,173 23
Milwaukee	70,051 31	71,419 78	100 00	27,290 10	27,403 82	24,242 51	220,507 52
Monroe	26,211 13	52,901 12	180 91	17,841 30	20,998 80	19,509 87	137,643 13
Oconto.....	21,404 45	21,734 45	7,040 00	13,659 46	14,126 15	13,266 54	91,231 05
Oneida	5,953 89	1,620 85	29,371 00	.....	4,033 72	25,179 64	66,159 10
Outagamie.....	23,231 83	25,987 55	.....	18,315 06	19,438 26	11,129 26	98,101 96
Ozaukee	9,889 88	25,475 08	.....	13,278 90	13,221 53	18,259 16	80,124 55
Pepin	6,961 62	12,442 23	.....	5,975 14	5,966 97	5,170 67	36,516 63
Pierce	22,153 75	50,877 93	.....	16,768 49	17,015 06	15,198 87	122,014 10
Polk.....	33,182 61	33,943 15	.....	15,435 17	16,132 31	10,489 84	109,183 08
Portage	37,693 39	17,464 80	.....	17,327 57	18,115 30	9,725 88	100,326 94
Price.....	35,538 76	28,771 23	9,610 50	8,275 38	9,575 42	16,764 68	103,555 97

Statistical Tables.

Racine	21,176 15	25,829 03	.....	12,112 27	12,223 61	20,402 64	91,743 70
Richland.....	15,230 77	33,390 08	58 52	13,936 63	13,714 06	24,707 96	101,038 02
Rock	36,907 31	67,511 05	21 84	19,834 28	17,036 15	8,361 37	149,722 00
Rusk	14,626 34	17,052 64	18,368 00	5,580 05	6,532 46	6,194 16	68,353 65
St. Croix	25,439 73	49,502 65	.....	19,348 59	17,236 35	34,051 90	145,579 22
Sauk	21,071 35	36,908 96	1,778 36	16,755 51	17,238 33	11,493 12	105,945 63
Sawyer.....	2,125 82	.....	37,674 33	2,836 92	2,960 92	2,814 37	48,412 36
Shawano.....	53,595 83	31,481 05	.....	21,239 11	23,678 93	16,002 76	148,997 67
Sheboygan	23,184 72	47,259 70	1,458 62	19,445 18	20,894 15	16,486 31	128,728 68
Taylor	47,462 40	31,095 88	11,380 00	9,581 36	11,392 43	17,093 67	128,005 74
Trempealeau	28,156 49	28,120 99	.....	17,009 47	18,821 73	16,759 74	108,868 42
Vernon	23,722 76	28,860 13	.....	19,573 86	19,582 09	7,906 61	99,645 45
Vilas	2,871 78	.....	26,135 00	7,000 00	2,487 47	2,782 40	41,276 65
Walworth	39,316 65	93,770 35	.....	17,101 80	16,244 60	61,763 23	228,201 68
Washburn	15,634 14	21,393 08	4,800 00	7,161 50	6,119 46	9,043 10	64,156 28
Washington	13,841 41	30,855 49	1,008 20	17,608 00	17,446 04	7,757 97	88,517 11
Waukesha	17,253 31	41,881 35	946 25	15,994 95	15,852 91	29,965 65	121,894 42
Waupaca.....	28,674 53	37,922 71	.....	20,328 84	20,684 38	10,744 12	118,354 58
Waushara.....	14,315 99	29,116 72	.....	12,163 70	12,767 36	19,552 36	87,916 13
Winnebago	15,955 04	23,523 99	66 40	11,204 11	10,721 52	10,902 05	72,373 11
Wood	34,874 42	21,243 84	1,500 00	14,612 47	14,777 38	19,566 63	106,574 74

FINANCIAL DISBURSEMENTS, 1906-1907.

COUNTIES— Exclusive of cities under city superin- tendents.	For building and re- pairing.	For ap- paratus.	For services of male teachers.	For services of female teachers.	For old indebted- ness.	For school furniture.	For serv- ices of district clerks and secretar- ies of town boards of school directors.	For all other purposes.	Total amount paid out during year.	Money on hand June 30, 1907.
Totals	\$721,760 58	\$98,025 39	\$351,797 33	\$2,593,413 23	\$311,748 68	\$68,978 62	\$75,152 47	\$879,963 49	\$5,403,839 79	\$1,756,549 43
Adams.....	\$3,660 25	\$575 81	\$1,904 50	\$18,547 55	\$1,623 52	\$185 73	\$715 19	\$2,750 39	\$30,262 94	\$7,183 01
Ashland.....	7,706 34	1,734 29	4,235 00	18,480 00	736 19	508 34	1,112 51	10,470 75	44,983 42	4,402 02
Barron.....	18,903 75	2,108 69	10,625 38	45,601 00	4,216 74	1,996 74	1,390 79	20,155 36	101,998 45	40,405 44
Bayfield.....	7,210 31	889 32	3,562 95	31,637 30	7,232 72	705 03	1,363 58	13,952 65	66,553 86	39,202 52
Brown.....	8,538 89	725 29	8,687 50	27,320 00	4,038 71	637 21	949 92	8,451 61	59,349 13	25,712 07
Buffalo.....	9,403 73	1,104 84	11,393 00	27,045 08	847 95	620 13	754 61	8,376 13	59,515 47	13,009 98
Burnett.....	1,999 12	964 66	3,235 25	20,584 13	551 04	725 49	712 12	5,356 94	34,128 75	14,919 28
Calumet.....	8,051 64	1,794 39	7,683 00	24,347 49	9,832 09	255 24	816 20	9,441 64	62,221 69	18,665 58
Chippewa....	9,752 41	1,850 32	3,738 75	40,876 85	2,915 12	867 59	1,388 28	9,318 33	70,707 65	35,516 80
Clark.....	27,042 43	3,362 63	16,688 00	57,494 62	5,627 17	1,794 63	1,558 10	21,285 40	134,852 98	55,722 23
Columbia....	29,908 23	2,521 13	10,722 50	51,920 00	5,450 96	1,593 43	975 75	16,899 15	119,991 15	21,290 67
Crawford....	19,490 72	426 27	6,208 00	24,919 64	1,025 94	627 25	697 88	7,080 43	60,476 13	16,368 20
Dane.....	8,320 97	1,802 62	15,537 12	84,769 00	6,255 07	1,415 40	1,955 00	22,663 87	142,719 05	41,891 36
Dodge.....	31,595 11	1,151 30	16,546 21	57,194 25	2,254 74	2,620 83	1,588 38	22,911 19	135,862 01	29,758 02
Door.....	2,426 54	1,193 95	10,371 00	16,892 00	513 66	373 62	766 65	5,011 95	37,519 37	18,254 85
Douglas.....	10,185 27	3,069 78	1,345 00	27,206 49	3,511 49	529 54	1,004 41	5,002 43	51,854 41	7,621 04
Dunn.....	7,946 57	1,506 51	7,212 55	38,734 16	2,830 22	1,339 24	1,099 65	10,218 31	70,887 21	22,163 29
Eau Claire...	4,655 25	1,497 89	4,855 00	31,421 65	1,448 20	795 31	761 83	9,177 66	54,612 79	19,272 62
Florence.....	527 76	106 42	1,960 00	12,703 00	148 46	84 73	270 00	7,237 70	23,038 07	9,836 19
Fond du Lac.	9,703 67	1,335 21	9,017 25	48,509 85	1,056 59	490 09	1,106 10	11,269 26	82,488 02	26,665 64

Statistical Tables.

Statistical Tables.

Forest	3,221 51	482 45	4,350 00	14,472 65	657 50	653 06	1,191 35	11,053 45	36,034 97	25,432 84
Grant	13,776 02	1,851 75	18,220 75	87,433 71	3,754 01	1,839 44	1,649 25	22,979 13	151,501 09	46,973 39
Green	3,787 75	816 43	7,135 10	38,875 28	949 12	400 13	758 42	7,545 28	60,267 81	15,912 55
Green Lake	857 64	315 66	6,419 00	21,472 50	2,091 37	405 13	479 33	6,717 25	38,760 88	12,629 53
Iowa	5,294 66	609 44	12,536 03	43,958 60	8,116 55	410 02	972 62	12,425 37	84,323 29	13,683 33
Iron	2,717 16	293 84	4,550 00	22,405 50	1,210 00	495 06	420 90	9,263 01	41,385 47	25,314 94
Jackson	2,984 49	1,519 11	5,926 25	35,920 65	797 36	744 86	1,012 24	13,597 94	62,532 90	21,811 28
Jefferson	7,038 47	1,272 12	12,682 00	55,769 88	3,687 95	659 61	1,483 62	26,731 62	109,325 27	30,039 96
Juneau	4,383 66	1,664 95	10,388 00	44,594 97	3,998 37	1,051 90	1,155 81	15,023 44	82,261 10	45,957 23
Kenosha	1,765 61	343 55	3,389 00	21,489 75	2,948 45	182 91	408 80	4,209 64	34,737 74	10,287 61
Kewaunee	13,856 12	1,688 78	14,793 36	16,422 50	1,942 81	1,650 49	816 00	9,020 59	60,190 65	16,591 41
La Crosse	1,967 75	366 69	3,474 00	23,409 25	1,471 00	305 23	607 05	5,682 41	37,283 38	12,538 67
Lafayette	9,088 10	1,291 01	15,578 50	46,769 00	4,768 19	2,749 24	905 90	14,416 91	95,566 88	21,180 00
Langlade	6,177 90	1,007 13	3,635 00	21,506 80	2,203 24	785 43	759 67	6,746 16	42,821 33	26,219 53
Lincoln	5,118 86	1,084 34	2,100 00	20,843 25	963 96	1,113 35	1,335 45	8,562 66	41,172 87	13,615 41
Manitowoc	19,565 23	2,215 77	34,247 00	58,501 50	11,964 63	1,936 72	1,709 01	25,108 98	155,248 84	28,923 41
Marathon	28,506 81	4,518 15	13,246 00	57,765 36	15,259 61	1,887 08	2,070 62	16,339 54	139,593 17	52,176 38
Marquette	6,716 41	2,070 49	5,690 00	36,090 20	3,963 95	1,002 32	1,432 70	10,121 34	67,087 41	20,167 84
Marquette	2,756 26	521 17	3,420 00	19,912 00	3,028 48	992 78	387 33	3,780 30	34,798 32	6,374 91
Milwaukee	14,770 27	3,504 07	24,971 00	59,732 86	14,500 72	1,857 61	1,436 00	22,328 37	143,150 90	77,356 62
Monroe	12,190 80	2,499 83	9,305 00	57,204 64	5,595 55	1,913 67	1,342 40	19,576 76	109,628 61	28,014 52
Oconto	9,499 41	1,996 42	8,027 41	30,616 18	7,447 46	1,239 75	1,216 58	9,556 37	69,629 58	21,601 47
Oneida	28,303 45	910 44	2,740 00	19,248 25	1,677 66	431 98	1,454 04	4,945 84	59,711 66	6,447 44
Outagamie	3,318 36	933 93	7,755 50	35,973 75	6,419 31	671 96	1,027 99	11,924 72	73,075 52	25,026 41
Ozaukee	13,232 90	1,231 22	16,990 00	22,583 00	1,427 70	391 47	493 65	11,277 44	67,627 38	12,497 17
Pepin	2,501 15	367 01	4,715 00	13,775 50	1,520 69	331 36	314 85	5,515 00	29,090 56	7,426 07
Pierce	7,641 48	1,732 80	13,631 65	48,112 38	4,711 68	818 97	1,246 58	19,798 18	97,693 72	24,320 38
Polk	5,960 11	2,067 03	9,105 00	39,935 75	1,922 04	793 93	1,213 75	13,787 66	74,790 27	34,392 81
Portage	9,305 73	1,204 10	6,033 25	30,287 60	3,130 41	1,418 58	1,148 02	10,667 64	63,196 33	37,131 61
Price	10,216 84	2,036 08	7,471 70	35,094 00	842 60	1,056 94	1,033 00	11,556 95	69,308 11	39,247 86
Racine	8,316 71	1,100 10	4,315 00	32,875 00	4,923 04	929 63	579 30	9,702 51	62,746 29	23,997 41
Richland	3,836 06	966 03	13,262 50	35,708 99	1,233 37	698 06	1,203 72	17,132 57	74,046 30	26,991 72
Rock	7,172 95	1,224 66	10,697 49	68,238 28	5,269 55	669 41	1,098 14	16,487 08	110,857 56	38,864 44
Rusk	5,758 08	1,466 60	7,145 00	20,846 00	2,918 63	1,299 13	1,060 26	10,948 77	51,442 47	16,911 18
St. Croix	19,800 02	1,793 92	12,635 20	53,750 58	5,273 48	952 40	1,577 52	25,544 97	121,328 09	24,251 13
Sauk	5,576 85	1,130 38	9,053 37	51,222 11	1,208 82	532 78	1,253 44	14,266 09	84,243 84	21,701 79

FINANCIAL DISBURSEMENTS, 1906-1907—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	For building and re- pairing.	For ap- paratus.	For services of male teachers.	For services of female teachers.	For old indebt- ness.	For school furniture.	For serv- ices of district clerks and secretar- ies of town boards of school directors.	For all other purposes.	Total amount paid out during year.	Money on hand June 30, 1907.
Sawyer	\$9,320 68	\$158 63	\$3,647 76	\$17,726 35	\$5,175 58	\$511 48	\$812 85	\$8,241 17	\$45,594 55	\$2,817 81
Shawano	16,548 58	1,561 41	13,748 00	41,255 80	6,347 97	1,725 27	1,488 60	19,144 64	101,820 27	47,177 40
Sheboygan ...	19,586 04	1,690 57	14,514 00	49,391 60	3,944 39	1,212 39	1,096 36	4,266 32	95,701 67	33,027 01
Taylor	43,338 56	1,834 78	5,869 00	33,184 50	1,938 91	1,501 47	1,508 33	10,139 23	99,314 78	28,690 96
Trempealeau..	9,439 64	1,613 06	13,190 00	37,008 10	2,978 75	1,202 96	1,088 25	12,748 59	79,269 35	29,599 07
Vernon	5,858 13	1,188 29	8,930 50	43,562 50	2,459 88	682 88	1,341 93	11,728 79	75,752 90	23,892 55
Vilas	6,266 07	337 35	3,645 00	11,612 70	207 00	604 00	522 68	8,240 87	31,435 67	9,840 98
Walworth	7,028 11	2,115 08	15,701 74	69,305 63	58,035 86	1,610 03	1,003 00	34,272 79	189,072 24	39,129 44
Washburn ...	4,640 71	1,861 60	4,477 50	23,215 62	2,325 89	423 50	809 26	8,550 11	46,304 19	17,852 09
Washington ..	4,642 61	871 44	18,089 31	34,286 01	8,341 93	603 51	864 41	6,785 29	74,484 51	14,032 60
Waukesha ...	20,380 04	1,602 52	12,296 00	44,705 37	4,174 86	1,361 92	1,022 36	19,774 91	105,317 98	16,576 44
Waupaca	7,564 87	1,132 27	12,607 50	43,827 25	3,221 61	959 13	1,377 89	16,979 37	87,669 89	30,684 69
Waushara	7,418 21	966 34	7,308 00	32,142 25	2,990 10	1,311 34	813 89	7,747 51	60,697 64	27,218 49
Winnebago ...	8,479 63	295 06	4,590 00	31,245 44	1,721 62	670 02	915 60	9,702 25	57,619 62	14,753 49
Wood	15,238 13	928 14	8,021 00	31,841 87	1,930 16	802 76	1,158 80	10,268 56	70,189 42	36,385 32

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, 1906-1907.

CITIES.	CHILDREN RESIDING IN CITY.			ENROLLMENT IN SCHOOLS.									
	Number between 4 and 20.			Number between 7 and 14.	Number between 4 and 20 who have attended public schools.			Under 4.	Over 20.	Total number enrolled.	No. between 7 and 14 who attended		Average attendance of all pupils.
											Public school 32 weeks or more.	Private school 32 weeks or more.	
	Male.	Female.	Total.	Male.	Female.	Total.							
Totals.....	143,938	145,425	289,363	133,260	74,769	76,070	150,839	39	79	150,957	81,910	46,909	118,146
Antigo.....	1,233	1,151	2,384	1,172	822	784	1,606	.....	1	1,607	847	270	1,257
Appleton.....	2,669	2,743	5,412	2,408	1,387	1,419	2,806	14	5	2,825	1,386	1,011	2,136
Ashland.....	2,250	2,304	4,554	2,296	1,379	1,360	2,739	.....	2	2,741	1,772	18	2,115
Baraboo.....	703	741	1,444	779	687	696	1,383	.....	.....	1,383	776	.....	1,138
Beaver Dam.....	932	989	1,921	819	481	502	983	.....	.....	983	492	304	762
Beloit.....	2,254	2,129	4,383	1,905	1,526	1,617	3,143	.....	2	3,145	1,403	35	2,391
Berlin.....	783	907	1,690	686	374	397	771	.....	.....	771	387	294	597
Brodhead.....	214	171	385	215	184	167	351	.....	.....	351	214	.....	330
Chippewa Falls.....	1,712	1,716	3,428	1,522	676	780	1,456	.....	.....	1,456	895	557	1,231
Columbus.....	328	332	660	330	282	272	554	.....	2	556	279	62	447
De Pere.....	401	443	844	358	127	128	255	.....	.....	255	144	210	199
Eau Claire.....	3,396	3,507	6,903	3,173	2,003	1,962	3,965	1	10	3,976	2,737	411	3,405
Fond du Lac.....	2,751	2,805	5,556	3,059	1,689	1,767	3,456	.....	.....	3,456	2,367	506	2,539
Grand Rapids.....	1,001	1,006	2,007	1,038	653	636	1,339	1	2	1,342	.....	229	1,232
Green Bay.....	3,828	3,776	7,604	3,933	1,945	1,928	3,873	.....	.....	3,873	2,439	1,245	2,989
Hudson.....	484	508	992	438	350	333	733	.....	2	735	346	86	584
Janesville.....	2,047	1,976	4,023	1,804	1,267	1,317	2,584	.....	.....	2,584	1,455	265	2,061
Kaukauna.....	887	901	1,788	868	335	353	688	.....	.....	688	381	514	479
Kenosha.....	2,678	2,671	5,349	2,589	1,360	1,283	2,643	3	.....	2,646	1,790	748	2,048

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, 1906-1907—Continued.

CITIES.	CHILDREN RESIDING IN CITY.			ENROLLMENT IN SCHOOLS.									
	Number between 4 and 20.		Number between 7 and 14.	Number between 4 and 20 who have attended public schools.			Under 4.	Over 20.	Total number enrolled.	No. between 7 and 14 who attended		Average attendance of all pupils.	
	Male.	Female.		Total.	Male.	Female.				Total.	Public school 32 weeks or more.		Private school 32 weeks or more.
La Crosse.....	4,903	5,232	10,135	4,223	2,402	2,440	4,842	.....	3	4,845	2,888	1,303	3,887
Ladysmith.....	315	293	608	267	262	247	509	.....	1	510	249	.....	322
Madison.....	3,130	3,128	6,258	2,907	1,902	1,990	3,892	.....	4	3,896	2,179	690	3,180
Marinette.....	3,005	2,791	5,796	2,866	1,615	1,710	3,325	.....	.....	3,325	2,103	615	2,740
Marshfield.....	1,129	1,187	2,316	1,048	1,048	478	520	.....	1	998	542	506	845
Mellen.....	221	240	461	270	176	241	417	.....	2	419	270	.....	251
Menasha.....	1,155	1,206	2,361	1,195	344	411	755	.....	.....	755	435	678	583
Menomonie.....	900	952	1,852	1,004	1,004	756	764	.....	6	1,520	1,531	652	87
Merrill.....	1,644	1,727	3,371	1,753	807	926	1,733	.....	1	1,734	1,045	752	1,314
Milwaukee.....	54,913	54,745	109,658	48,169	23,672	23,359	47,031	.....	8	47,069	24,372	24,671	36,642
Mineral Point.....	446	480	926	698	335	341	676	.....	3	679	251	73	546
Monroe.....	538	660	1,198	573	533	659	1,192	.....	1	1,193	567	3	977
Neenah.....	1,003	1,073	2,076	938	619	696	1,315	.....	.....	1,315	802	122	1,064
New London.....	495	514	1,009	503	218	225	443	.....	1	444	.....	.....	369
Oconomowoc.....	474	474	948	396	392	394	786	.....	.....	786	387	9	641
Oconto.....	1,055	1,014	2,069	939	473	490	963	.....	.....	963	52	412	812
Onalaska.....	182	194	376	178	154	179	333	.....	.....	333	163	1	263
Oshkosh.....	4,961	5,130	10,091	4,476	2,582	2,573	5,155	.....	.....	5,155	2,725	1,696	3,807
Peshtigo.....	404	439	843	431	304	332	636	.....	.....	636	421	.....	518
Portage.....	833	882	1,715	868	503	501	1,004	.....	.....	1,004	522	14	788
Prairie du Chien....	475	457	932	510	234	224	458	.....	.....	458	248	198	366

Statistical Tables.

Racine.....	5,342	5,481	10,823	4,300	2,859	2,745	5,604	7	.....	5,611	3,288	1,003	4,935
Reedsburg.....	374	438	812	326	284	300	584	.....	2	586	269	54	479
Rhineland.....	877	934	1,811	929	600	693	1,293	.....	.....	1,293	663	162	950
Rice Lake.....	528	574	1,102	548	477	503	980	.....	.....	980	463	84	760
Ripon.....	458	487	945	374	349	364	713	.....	.....	713	362	.....	544
Sheboygan.....	4,481	4,421	8,902	4,061	2,031	1,978	4,009	.....	2	4,011	2,322	1,650	3,069
South Milwaukee.....	980	946	1,926	905	386	345	731	.....	1	732	411	405	542
Stanley.....	536	455	991	535	445	409	854	.....	2	856	433	.....	660
Stevens Point.....	1,762	1,748	3,510	1,421	737	833	1,570	.....	.....	1,570	541	468	1,081
Stoughton.....	726	738	1,464	703	561	618	1,179	.....	3	1,182	695	.....	909
Sturgeon Bay.....	617	598	1,215	557	415	431	846	.....	1	847	382	135	660
Superior.....	4,507	4,700	9,207	4,461	3,215	3,305	6,520	.....	2	6,522	3,407	878	4,937
Tomahawk.....	378	409	787	561	378	409	787	.....	.....	787	386	.....	536
Two Rivers.....	859	916	1,775	764	310	297	607	.....	.....	607	283	473	421
Viroqua.....	290	291	581	326	340	367	707	.....	3	711	286	.....	541
Washburn.....	757	780	1,537	1,304	501	581	1,082	.....	.....	1,082	809	1,218	807
Watertown.....	1,753	1,751	3,504	1,674	571	594	1,165	.....	.....	1,165	962	712	1,004
Waukesha.....	1,080	1,074	2,154	991	672	750	1,422	.....	5	1,427	765	267	1,219
Waupaca.....	380	404	784	405	360	360	720	.....	1	721	379	.....	553
Waupun.....	322	341	663	248	290	300	590	.....	.....	590	.....	.....	446
Wausau.....	2,772	2,908	5,680	2,910	1,668	1,748	3,416	.....	2	3,418	2,276	623	2,614
Wauwatosa.....	554	523	1,077	492	375	353	728	.....	2	731	400	23	589
West Allis.....	500	552	1,052	515	336	376	712	.....	.....	712	348	159	451
Whitewater.....	373	362	735	346	321	308	629	.....	2	631	329	.....	492

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, 1906-1907.

CITIES.	TEACHERS EMPLOYED.			TEACHERS' SALARIES.		CERTIFICATES GRANTED BY CITY SUPERINTENDENTS.							Average attendance of all pupils.
	Male.	Fe-male.	Total.	Average to males.	Average to females.	1st Grade.		2nd Grade.		3rd Grade.		Total.	
						To males.	To females.	To males.	To females.	To males.	To females.		
Totals and averages	456	3,464	3,920	\$111 80	\$49 45	3	82	2	94	7	251	453	202
Antigo	3	38	41	\$120 00	\$53 57		1				2	3	5
Appleton	12	82	94	137 96	53 67		10		2		3	15	7
Ashland	9	65	74	92 16	61 40		6		4			10	2
Baraboo	3	35	38	134 07									3
Beaver Dam	1	24	25	150 00	39 00		3				20	23	
Beloit	4	72	76	94 48	51 53								5
Berlin	2	18	20	124 35	47 45								2
Brodhead	2	11	13	112 22	56 33								
Chippewa Falls	10	32	42	75 43	56 80								
Columbus	2	12	14	103 75	48 55			1	5			6	1
De Pere	2	8	10	96 84	51 83								1
Eau Claire	13	98	111	87 86	57 32		1		1	3	26	31	8
Fond du Lac	4	83	87	90 83	56 46	1	2		9		15	27	7
Grand Rapids	4	32	36	125 25	58 33								4
Green Bay	8	82	90	87 00	54 00								
Hudson	2		2	112 77					4		2	6	1
Janesville	7	65	72	108 00	49 82		2		3		8	13	4
Kaukauna	4	22	26	102 00	58 00		2		1			3	2
Kenosha	7	47	54	98 00	53 49				1			1	2
La Crosse	11	117	128	118 65	54 13				7		57	64	
Ladysmith	1	12	13	\$100 00	\$47 88								
Madison	7	98	105	103 20	61 74		2		4		14	20	4
Marinette	8	63	71	84 88	52 65	1			2		6	9	6
Marshfield	2	25	27	126 47	52 40								1
Mellen	2	11	13	92 50	49 09								1
Menasha	4	22	26	95 00	47 50				2		8	10	3
Menomonie	9	44	53	145 86	68 93				1		5	6	3

Statistical Tables.

Statistical Tables.

Merrill.....	6	42	48	100 00	50 50					2		1	3	3
Milwaukee.....	132	975	1,107	129 00	73 25								14	52
Mineral Point.....	4	14	18	96 39	42 00								1	2
Monroe.....	2	24	26	132 22	49 90								8	3
Neenah.....	4	35	39	97 30	45 80								4	2
New London.....	2	15	17	107 77	49 60					2		2	2	2
Oconomowoc.....	2	19	21	115 83	54 20					2			2	2
Oconto.....	17	18	35	74 28	51 66									
Onalaska.....	1	8	9	111 11	43 44			3	1	2	1	1	8	
Oshkosh.....	19	122	141	111 71	50 20							4	4	
Peshtigo.....	2	17	19	99 00	48 98					5			13	11
Portage.....	1	24	25	170 00	49 48									1
Prairie du Chien.....	1	13	14	122 22	39 18								14	
Racine.....	19	139	158	115 81	55 24					1		6	9	
Reedsburg.....	2	17	19	90 28	49 18					9		16	25	9
Rhineland.....	2	29	31	166 66	49 57						1		1	1
Rice Lake.....	2	18	20	108 66	49 66							5	5	
Ripon.....	2	21	23	130 55	49 14					3			3	3
Sheboygan.....	16	101	117	99 00	49 00			1					1	
South Milwaukee.....	2	18	20	96 78	49 10					5	1	12	18	7
Stanley.....	3	17	20	101 00	45 88									
Stevens Point.....	3	46	49	115 58	53 26									1
Stoughton.....	2	28	30	118 88				12					12	5
Sturgeon Bay.....	2	19	21	100 00	49 87			1				3	3	2
Superior.....	26	159	185	102 62	65 57							5	7	
Tomahawk.....	1	21	22	150 00	51 00					2		1	13	11
Two Rivers.....	2	16	18	117 50	45 78							6	7	1
Viroqua.....	4	15	19	88 88	45 66							2	3	2
Washburn.....	4	25	29	100 33	53 30									1
Watertown.....	4	27	31	112 50	47 22							1	1	
Waukesha.....	5	32	37	100 00	49 75						1		7	
Waupaca.....	2	16	18	103 18	47 68									
Waupun.....	4	21	25	73 25	49 90					1		1	2	
Wausau.....	9	82	91	99 14	53 59			1		2		2	5	1
Wauwatosa.....	1	18	19	210 52	58 69								1	8
West Allis.....	1	16	17	130 00	54 86									1
Whitewater.....	2	19	21	140 00	52 10					2		1	4	
								1					1	1

CITIES UNDER CITY SUPERINTENDENTS—FINANCIAL RECEIPTS, 1906-1907.

Cities.	Amount on hand June 30, 1906.	From taxes for building and repairs.	From taxes for teachers' wages.	From general tax for school purposes.	From tax levied by county board.	From income of school fund.	From all other sources.	Total.
Totals	\$1,276,940 26	\$600,366 50	\$39,929 40	\$2,293,009 10	\$576,117 24	\$628,106 74	\$603,203 77	\$6,017,673 01
Antigo	\$5,885 51			\$18,240 00	\$4,718 14	\$5,090 10	\$3,648 97	\$37,582 72
Appleton	3,421 68			56,100 00	9,594 00	12,153 40	54,803 77	136,077 85
Ashland	9,639 95	\$30,000 00		31,230 00	9,394 03	9,918 11	9,066 10	99,248 19
Baraboo	32,108 18			33,238 50	3,416 38	3,609 79	59,119 69	131,492 54
Beaver Dam	8,474 41			10,000 00	3,619 59	4,059 08		27,305 72
Beloit	817 25			50,378 16	9,270 59	9,492 02	12,256 28	82,214 30
Berlin	9,845 45			9,000 00	3,438 51	3,771 00	1,786 22	27,841 19
Brodhead	2,114 37	3,208 31		6,000 00	1,867 34	358 62	239 39	13,788 03
Chippewa Falls	20,934 05			21,227 86	7,060 11	7,092 58	1,622 15	57,936 75
Columbus	2,590 68			6,700 00	1,335 97	1,736 20	565 35	13,028 20
De Pere	3,080 95			4,278 37	1,678 01	1,812 94	809 12	11,659 39
Eau Claire	20,342 55	10,000 00		63,313 50	14,000 00	14,730 97	5,437 77	132,824 79
Fond du Lac	31,123 56	25,000 00	\$4,279 40	62,000 00	10,772 25	11,921 67	3,456 60	148,553 48
Grand Rapids				27,000 00	3,935 47	6,333 88		37,269 35
Green Bay	138 86			45,196 01	14,633 28	15,891 94	3,029 04	78,889 13
Hudson	6,185 24			10,192 25	2,074 37	2,207 15	1,661 27	22,320 28
Janesville	6,109 91			38,000 00	8,130 49	8,670 50	3,719 40	64,630 30
Kaukauna	3,717 78			5,501 91	4,299 40	4,923 64	19,757 45	38,205 18
Kenosha	46,357 99			59,200 00	9,228 00	12,071 12	4,988 53	131,845 61
La Crosse	51,931 93			70,000 00	20,325 22	21,930 75	1,514 57	165,702 47
Ladysmith				8,800 00	937 59	1,059 86	21 60	10,819 05
Madison	2,792 33			65,000 00	11,590 00	12,759 91	103,123 05	195,265 29
Marinette	2,274 95			30,000 00	12,361 70	13,938 21	2,521 43	61,096 29

Statistical Tables.

Statistical Tables.

Marshfield.....	6,130	27		16,500	00	4,838	86	4,958	40	4,913	62	37,341	15	
Mellen.....	96	29		11,000	00	851	08	1,290	39			13,237	76	
Menasha.....	11,508	45		7,000	00	4,730	21	5,109	59	618	62	28,966	87	
Menomonie.....	8,720	67		27,886	46	4,326	61	4,721	93	23,237	68	68,893	35	
Merrill.....	708	12		17,000	00	7,200	00	7,845	25	560	62	33,313	99	
Milwaukee.....	610,385	96	456,000	00	645,000	00	216,579	73	236,397	24	22,603	11	2,186,966	04
Mineral Point.....	4,560	40		6,500	00	2,267	52	4,535	32	2,164	20	20,027	44	
Monroe.....	17,746	42		20,500	00	2,482	81	2,627	36	21,938	76	65,295	35	
Neenah.....	6,507	91	7,775	69	21,206	44	3,887	18	4,314	67	96,674	85	140,366	74
New London.....	4,033	21		9,131	55	2,553	40	358	62	5,774	64	21,851	42	
Oconomowoc.....	6,059	02	12,000	00		2,177	34	1,920	65	3,758	06	25,915	07	
Oconto.....	3,073	72	2,362	50	5,000	00	2,000	00	4,554	95	4,214	64	47,960	42
Onalaska.....	3,236	79		3,000	00	845	04	885	89	937	97	8,905	69	
Oshkosh.....	17,723	18		108,068	70	19,959	04	21,274	45	1,669	57	168,694	94	
Peshtigo.....	1,919	92		7,000	00	1,666	00	1,951	57	688	50	13,225	99	
Portage.....				10,000	00	3,619	59	3,905	30	1,203	31	18,733	20	
Prairie du Chien.....	4,380	37	1,320	00	2,988	99	2,279	17	2,144	51	526	72	13,639	76
Racine.....	37,288	10		112,695	16	21,500	00	22,790	65	4,279	06	198,552	97	
Reedsburg.....	6,347	64	3,700	00	8,600	00	1,718	15	2,061	00	1,269	51	23,696	30
Rhineland.....	39,650	24		17,000	00			4,144	79	60	88	60,855	91	
Rice Lake.....	15,713	88		14,000	00	2,428	48	2,551	81	719	57	35,413	74	
Ripon.....	1,096	51		13,236	28	1,879	21	2,025	21	1,092	57	19,329	78	
Sheboygan.....	77,711	24		69,955	37	18,118	06	19,580	64	2,640	29	188,005	60	
South Milwaukee.....	3,742	27		14,445	02			3,886	15	573	90	22,647	34	
Stanley.....	2,613	62		10,000	00	2,000	00	1,935	84	1,351	80	17,901	26	
Stevens Point.....	19,357	20	5,500	00	17,076	81	6,869	94	9,060	28	1,429	60	59,293	83
Stoughton.....	6,380	83	40,000	00	9,000	00	6,578	70	358	62	4,642	62	66,960	77
Sturgeon Bay.....	6,130	00		8,534	94	2,812	78	2,603	16	820	86	20,901	74	
Superior.....	21,901	51		188,063	00	18,085	87	18,035	87	4,702	39	250,838	64	
Tomahawk.....	66	37		9,525	00			1,757	57	7,090	65	18,439	59	
Two Rivers.....	6,490	05	3,500	00	3,500	00	3,313	76	3,645	38	469	76	32,418	95
Viroqua.....														
Washburn.....	2,114	61		11,500	00	1,361	83	1,422	45	1,963	06	17,297	34	
Watertown.....	12,183	15		18,700	00	3,321	81	3,497	74	884	60	28,518	76	
Waukesha.....	14,471	96		10,769	00	6,915	25	7,926	63	406	00	38,200	03	
Waupaca.....	3,172	71		19,820	00	3,796	64	4,270	42	1,531	12	43,890	14	
				7,060	00	1,746	42	1,665	20	2,731	87	16,316	20	

CITIES UNDER CITY SUPERINTENDENTS—FINANCIAL RECEIPTS. 1906-1907—Continued.

Cities.	Amount on hand June 30, 1906.	From taxes for building and repairs.	From taxes for teachers' wages.	From general tax for school purposes.	From tax levied by county board.	From income of school fund.	From all other sources.	Total.
Waupun.....	\$4,487 87	.....	\$9,000 00	\$50 00	\$1,540 21	\$2,030 09	\$522 07	\$17,630 24
Wausau.....	.....	.....	.....	47,000 00	11,585 10	12,279 05	52,415 43	123,279 58
Wauwatosa.....	6,873 26	.....	.....	11,019 82	2,191 07	2,704 40	990 80	23,779 35
West Allis.....	7,595 83	.....	9,100 00	6,640 00	2,913 83	3,470 94	1,558 92	31,279 52
Whitewater.....	4,873 13	.....	.....	14,500 00	2,941 16	358 62	621 21	23,294 12

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS—FINANCIAL DISBURSEMENTS, 1906-1907.

Cities.	For building and repairing.	For apparatus, library & furniture.	For wages of male teachers.	For wages of female teachers.	For salary clerk of board of education.	For old indebtedness.	For all other purposes.	Total.	Balance on hand June 30, 1907.	Deficit June 30, 1907.
Totals	\$724 113 17	\$43,359 35	\$486,213 03	\$1,964,619 19	\$18,705 93	\$119,471 29	\$617,167 55	\$3,973,780 31	\$2,056,916 12	\$13,023 42
Antigo.....	86,323 78	8875 88	\$3,240 00	\$18,312 46	\$100 00	.....	\$8,730 60	\$37,582 72	.....	.....
Appleton.....	29,202 43	421 95	13,049 92	39,614 75	.....	\$32,480 27	19,458 76	134,228 08	\$1,849 77	.....
Ashland.....	33,459 95	2,072 30	6,283 08	37,000 75	180 00	.....	19,745 25	98,741 33	506 86	.....
Baraboo.....	59,470 36	1,046 70	3,320 00	17,201 20	180 00	.....	5,529 44	86,747 70	44,744 84	.....
Beaver Dam...	506 10	.....	1,500 00	9,350 00	265 73	.....	4,496 16	16,117 99	11,187 73	.....
Beloit.....	11,836 76	580 00	5,790 00	35,247 20	100 00	13,471 78	14,256 67	81,282 41	931 89	.....
Berlin.....	4,340 82	105 53	2,362 50	8,274 02	130 00	.....	4,722 87	19,935 74	7,905 45	.....
Brodhead.....	3,208 31	56 06	2,020 00	4,725 00	50 00	.....	1,567 83	11,627 20	2,160 83	.....
Chippewa Falls	6,321 48	32 72	6,789 39	16,353 38	150 00	.....	8,444 93	38,091 90	19,844 85	.....
Columbus.....	592 32	76 23	1,941 25	5,433 75	100 00	.....	1,727 96	9,871 51	3,156 69	.....
DePere.....	226 00	182 00	1,822 50	3,932 48	50 00	.....	629 00	6,841 98	4,817 41	.....
Eau Claire....	6,288 64	550 00	11,280 00	48,148 08	900 00	4,792 50	25,569 22	97,528 44	35,296 35	.....
Fond du Lac..	27,277 83	1,445 53	4,870 00	42,214 76	.....	3,000 00	11,555 21	90,363 33	58,190 15	.....
Grand Rapids.	8,338 11	.....	4,510 00	17,021 63	100 00	.....	11,867 30	41,837 04	.....	\$4,567 69
Green Bay....	5,174 46	1,541 63	6,970 00	44,627 00	.....	.....	15,679 49	73,992 58	4,896 55	.....
Hudson.....	2,018 82	22 90	2,030 00	8,187 79	100 00	.....	3,818 04	16,177 55	6,142 73	.....
Janesville....	2,543 20	300 00	7,042 50	31,142 43	250 00	.....	12,826 54	54,104 67	10,525 63	.....
Kaukauna.....	12,850 40	326 95	1,710 00	7,821 77	230 00	7,350 00	4,353 72	34,642 84	3,562 34	.....
Kenosha.....	54,147 84	1,313 67	6,900 00	25,139 87	75 00	.....	18,266 92	105,843 30	26,002 34	.....
La Crosse....	7,330 58	5,488 63	13,051 21	63,333 86	2,300 00	.....	27,030 20	118,534 48	47,167 99	.....
Ladysmith....	75 00	175 00	900 00	5,175 00	.....	1,632 58	2,124 45	10,082 03	737 02	.....
Madison.....	47,566 25	300 78	8,882 50	54,581 38	300 00	.....	26,376 55	138,007 46	57,257 83	.....
Marinette....	2,653 01	3,595 76	6,398 24	31,300 94	200 00	.....	13,228 92	57,376 87	3,719 42	.....
Marshfield....	220 18	4,050 10	2,460 00	12,848 75	300 00	3,230 00	4,260 72	27,369 75	9,971 40	.....

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS—FINANCIAL DISBURSEMENTS, 1906-1907—Continued.

Cities.	For building and repairing.	For apparatus, library & furniture.	For wages of male teachers.	For wages of female teachers.	For salary clerk of board of education.	For old indebtedness.	For all other purposes.	Total.	Balance on hand June 30, 1907.	Deficit June 30, 1907.
Mellen	\$1,600 45	\$400 31	\$1,665 00	\$5,195 00	\$165 00	.....	\$4,212 00	\$13,237 76	.....	.....
Menasha.....	1,686 68	327 32	3,260 00	9,937 50	75 00	.....	3,249 28	18,535 78	\$10,431 09	.....
Menomonic ..	1,342 32	532 99	12,509 98	27,290 02	.....	.....	18,464 15	60,139 46	8,753 89	.....
Merrill	1,356 44	.....	5,405 00	19,142 97	.....	.....	5,465 96	31,380 37	1,933 62	.....
Milwaukee ..	131,897 14	.....	170,350 00	703,666 42	7,740 00	.....	.....	1,013,653 56	1,173,312 48	.....
Mineral Point..	1,769 17	148 50	3,470 00	5,302 00	.....	\$1,000 00	2,329 17	14,018 84	6,008 60	.....
Monroe	34,995 89	3,664 43	2,380 00	10,777 50	100 00	.....	12,785 62	64,703 44	591 91	.....
Neenah	27,652 48	175 50	3,600 00	15,770 50	75 00	17,293 50	5,351 92	69,918 90	70,447 84	.....
New London...	16,233 80	162 16	1,990 00	6,435 00	.....	.....	2,687 27	27,508 23	.....	\$5,656 81
Oconomowoc...	592 69	182 46	2,085 00	9,270 00	200 00	3,000 00	3,170 42	18,500 57	7,414 50	.....
Oconto	4,738 52	87 50	4,694 00	8,377 88	.....	2,362 50	712 45	20,972 85	26,987 57	.....
Onalaska	190 13	140 14	1,000 00	3,262 50	.....	.....	957 71	5,550 48	3,355 21	.....
Oshkosh	37,113 20	932 47	21,200 00	61,534 50	.....	.....	21,468 17	142,248 34	26,446 60	.....
Peshigo	49 75	227 04	1,521 97	7,167 50	100 00	.....	1,844 08	10,913 34	2,312 65	.....
Portage	548 37	180 17	1,700 00	11,797 50	165 00	2,981 13	3,854 63	21,226 80	.....	2,493 60
Pr. du Chien ..	345 37	80 40	1,175 00	4,585 00	120 00	1,320 00	1,538 36	9,164 13	4,475 63	.....
Racine	24,284 60	109 75	22,050 00	78,048 16	830 00	.....	28,016 93	153,339 44	45,213 53	.....
Reedsburg	3,532 89	601 46	1,625 00	7,425 94	100 00	.....	2,712 47	15,997 76	7,698 54	.....
Rhinelanders...	26,922 12	.....	1,507 77	12,895 58	.....	.....	6,151 92	47,477 39	13,378 52	.....
Rice Lake	10,138 73	1,317 61	1,920 00	8,404 00	100 00	.....	5,109 05	26,989 29	8,424 35	.....
Ripon	1,283 34	231 75	2,350 00	9,247 50	150 00	1,350 00	3,962 85	18,575 44	754 34	.....
Sheboygan	4,500 00	950 50	15,950 00	49,886 00	.....	1,100 00	13,908 02	86,294 52	101,711 08	.....
S. Milwaukee..	527 79	390 02	1,838 24	8,396 26	130 00	.....	3,138 54	14,420 85	8,226 49	.....
Stanley	600 00	400 00	2,740 00	7,020 00	.....	.....	2,896 39	13,656 39	4,244 87	.....
Stevens Point.	4,464 26	1,257 44	3,300 00	21,755 94	70 20	.....	11,113 51	41,961 35	17,332 48	.....
Stoughton.....	23,307 19	157 63	2,140 00	11,960 65	100 00	.....	6,021 38	43,686 85	23,273 92	.....

Statistical Tables.

Statistical Tables.

Sturgeon Bay..	228 56	794 51	2,150 00	9,475 00	.....	3,062 79	15,710 86	5,190 88	.....
Superior.....	21,384 64	469 13	25,346 58	99,048 85	1,400 00	65,020 83	212,670 03	38,168 61	.....
Tomahawk .....	.....	50 00	1,350 00	9,358 50	.....	.....	10,758 50	7,681 09	.....
Two Rivers	52 53	73 00	2,336 88	7,264 27	.....	13,420 00	4,201 26	27,347 94	5,071 01
Viroqua.....	479 94	281 42	3,200 00	6,003 00	75 00	2,819 50	4,518 02	17,376 88	79 54
Washburn	1,744 27	1,193 35	3,613 50	11,944 22	.....	.....	6,428 36	24,923 70	3,595 06
Watertown	1,448 27	213 86	4,500 00	12,769 15	250 00	.....	5,263 39	24,444 67	13,755 36
Waukesha	634 86	286 00	4,750 00	15,943 48	250 00	.....	5,853 46	27,717 80	16,172 34
Waupaca	456 74	144 14	1,965 00	7,247 17	150 00	.....	2,996 87	12,959 92	3,356 28
Waupun	100 00	.....	2,248 02	7,706 00	50 00	.....	2,715 32	12,819 34	4,810 90
Wausau .....	.....	1,050 00	10,230 00	40,001 33	.....	6,867 53	57,383 32	116,032 18	7,247 40
Wauwatosa....	420 82	418 47	2,000 00	8,075 45	50 00	.....	5,415 91	16,380 65	7,398 70
West Allis.....	.....	1,093 10	1,300 00	8,493 00	200 00	.....	9,030 71	20,116 81	11,162 71
Whitewater....	3,506 59	75 00	2,800 00	9,750 00	.....	.....	7,388 31	23,519 90	225 78

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

Location.	Principal.	Legal qualifications of principal.	Salary of the principal.	No. teachers employed.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.
						Male.	Fe-male.	Total.	
Totals and av			\$1,087 31	396	607	9,465	13,516	22,981	186
Abbotsford.....	H. E. Polley.....	Special License.....	\$1,200 00	1	2	19	34	53	.....
Albany.....	C. W. Whitcomb....	Whitewater N. S.....	900 00	1	2	26	21	47	.....
Algoma.....	B. O. Dodge.....	Life State Certificate....	1,200 00	1	2	41	48	89	1
Alma.....	W. B. Young.....	Lawrence Univ.....	900 00	1	1	21	24	45	1
Alma Center.....	Merton V. Boyce....	Stevens Point N. S.....	810 00	1	1	6	9	15	1
Almond.....	R. A. Owen.....	Northwestern Univ.....	675 00	1	1	14	11	25	.....
Amery.....	Chas. W. Rand.....	River Falls N. S.....	765 00	1	1	13	25	38	1
Amherst.....	C. W. Vande Walker..	Oshkosh N. S.....	800 00	1	1	9	32	41	.....
Antigo.....	W. H. Hickok.....	Life State Certificate....	1,800 00	3	7	135	153	288	1
Appleton.....	R. W. Pringle.....	Harvard Col.....	2,000 00	6	11	167	183	350	5
Arcadia.....	Wm. H. Kickhoefer..	Northwestern Col.....	1,200 00	1	3	44	35	79	4
Argyle.....	Walter G. Mase.....	Platteville N. S.....	900 00	2	1	17	27	44	.....
Ashland.....	E. F. Meyer.....	Beloit Col.....	1,500 00	4	7	123	164	287	6
Athens.....	Ernest Hulten.....	River Falls N. S.....	675 00	1	1	15	19	34	.....
Augusta.....	John E. Hale.....	River Falls N. S.....	1,400 00	3	2	26	58	84	4
Avoca.....	P. J. Lynch.....	Whitewater N. S.....	630 00	1	1	14	11	25	.....
Baldwin.....	W. H. Fernholz.....	Stevens Point N. S.....	945 00	1	1	20	30	50	1
Bangor.....	C. H. Bachhuber.....	Univ. of Wisconsin.....	900 00	1	2	19	21	40	.....
Baraboo.....	G. W. Gehrand.....	Univ. of Wisconsin.....	1,700 00	3	7	90	133	223	.....
Barron.....	Geo. M. Snodgrass..	Hamline Univ.....	1,050 00	1	3	46	65	111	1

Statistical Tables.

Statistical Tables.

Bayfield.....	H. V. Stahl	Univ. of Wisconsin.....	1,260 00	2	4	14	33	47	.....
Beaver Dam.....	H. B. Hubbell	Dartmouth Col.	1,500 00	1	4	45	67	112	.....
Belleville.....	W. N. Stiel	Platteville N. S.	900 00	1	2	10	28	38	1
Belmont.....	F. E. Ralph	Platteville N. S.	720 00	1	1	13	21	34	.....
Beloit.....	John C. Pierson.....	Northwestern Univ.	1,500 00	4	9	121	263	384	2
Benton.....	Frank L. Burns	Platteville N. S.	765 00	2	.....	11	26	37	.....
Berlin.....	E. T. O'Brien	Univ. of Wisconsin.....	1,650 00	2	4	55	75	130	.....
Birnamwood.....	W. W. Stewart.....	Oshkosh N. S.	765 00	1	1	10	18	28	.....
Black Earth.....	L. C. Hatch	Platteville N. S.	1,000 00	1	1	23	25	48	.....
Black River Falls.....	S. J. McMahon.....	Milwaukee N. S.	1,400 00	2	4	46	100	146	9
Blair.....	Oscar W. Baird	River Falls N. S.	900 00	2	1	29	35	64	.....
Blanchardville.....	Roy L. Heindel.....	Platteville N. S.	855 00	2	.....	16	19	35	2
Bloomer.....	S. A. Simnicht	Oshkosh N. S.	900 00	1	1	12	48	60	.....
Bloomington.....	Fred J. Holt	Milwaukee N. S.	765 00	1	2	33	42	75	.....
Boscobel.....	A. L. Rhodes	Milwaukee N. S.	1,100 00	1	3	35	53	88	9
Boyd.....	E. H. Bratberg	River Falls N. S.	675 00	1	1	4	10	14	.....
Brandon.....	B. Vanderveide.....	Ripon Col.	800 00	1	2	27	24	51	.....
Brillion.....	F. J. Sievers	Milwaukee N. S.	855 00	1	1	15	20	35	.....
Brodhead.....	F. A. Harrison.....	Univ. of Wisconsin.....	1,300 00	2	2	40	36	76	.....
Burlington.....	W. H. Jamieson.....	Univ. of Wisconsin.....	1,300 00	1	4	33	77	110	.....
Cadott.....	H. C. Verbeck	Oshkosh N. S.	720 00	1	1	16	22	38	.....
Cambria.....	E. A. Reynolds.....	Univ. of Wisconsin.....	800 00	1	2	19	10	29	.....
Cambridge.....	John H. Stoever.....	Oshkosh N. S. Cert.	810 00	1	2	20	31	51	.....
Cashton.....	A. E. Smith	Univ. of Wisconsin.....	1,100 00	2	.....	25	20	45	1
Cassville.....	F. M. Bray	Platteville N. S.	1,000 00	1	5	22	29	51	1
Cedarburg.....	E. O. Holty	Univ. of Wisconsin.....	1,100 00	3	1	33	32	65	1
Chetek.....	Geo. M. Paulus.....	Superior N. S.	765 00	1	1	18	28	46	.....
Chilton.....	G. M. Morrissey.....	Life State Certificate.....	1,300 50	1	3	46	47	93	2
Chippewa Falls.....	J. R. Murphy	Superior N. S.	1,080 00	3	4	70	114	184	.....
Clinton.....	Frank J. Lowth.....	Whitewater N. S.	1,150 00	2	2	21	29	50	.....
Clintonville.....	W. E. Switzer.....	Oshkosh N. S.	1,125 00	2	2	42	49	91	2
Cobb.....	W. D. Hazeltine.....	Univ. of Wisconsin.....	675 00	1	5	19	18	37	.....
Colby.....	Geo. W. Blanchard.....	Univ. of Wisconsin.....	800 00	1	1	27	30	57	1
Columbus.....	Fred Thomson.....	Univ. of Wisconsin.....	1,400 00	1	4	44	44	88	2
Crandon.....	L. A. Stroebel.....	River Falls N. S.	1,000 00	1	2	16	24	40	.....
Cuba City.....	B. M. Jostad	Milwaukee N. S.	900 00	2	1	5	25	30	.....

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

Location.	Principal.	Legal qualifications of principal.	Salary of the principal	No. teachers employed.		ENROLLMENT IN HIGH SCHOOL.				
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.	
						Male.	Fe-male.	Total.		
Cumberland.....	C. D. Donaldson....	Superior N. S.....	\$1,200 00	1	3	36	63	99	2	
Darien.....	F. O. Bartelt.....	Whitewater N. S.....	675 00	1	1	11	15	26	.....
Darlington.....	R. E. Loveland.....	Oberlin Col.....	1,425 00	2	2	46	65	111	2	
Dartford.....	Geo. B. Mortimer....	Oshkosh N. S.....	630 00	1	1	17	23	40	.....
Deerfield.....	O. S. Rice.....	Life State Certificate....	1,000 00	1	2	35	36	71	1	
DeForest.....	E. C. Meland.....	Univ. of Wisconsin.....	1,200 00	1	3	49	50	99	3	
Delavan.....	I. B. Davies.....	Beloit Col.....	1,350 00	2	3	43	71	114	1	
DePere.....	John W. Steenis....	Univ. of Wisconsin.....	1,300 00	2	3	25	33	58	.....
Dodgeville.....	Calvin G. Babcock..	New York N. S.....	1,300 00	4	2	65	107	172	2	
Durand.....	Henry G. Parkinson..	Univ. of Wisconsin.....	1,150 00	1	2	37	40	77	.....
Eagle River.....	C. R. Ray.....	Platteville N. S.....	1,000 00	1	2	20	20	40	.....
East Troy.....	Julius Winden.....	Univ. of Wisconsin.....	900 00	1	2	30	36	66	.....
Eau Claire.....	M. S. Frawley.....	Univ. of Wisconsin.....	1,750 00	4	13	204	243	447	6	
Edgerton.....	E. L. Roethe.....	Univ. of Wisconsin.....	1,300 00	2	3	46	77	123	.....
Elkhorn.....	T. J. Jones.....	Univ. of Wisconsin.....	1,350 00	2	4	72	104	176	.....
Elroy.....	Walter S. Hake.....	Whitewater N. S.....	1,300 00	1	4	47	67	114	.....
Ellsworth.....	H. A. Schofield.....	Univ. of Wisconsin.....	1,200 00	1	5	35	74	109	1	
Evansville.....	A. H. Sholtz.....	Whitewater N. S.....	1,400 00	2	3	53	68	121	2	
Fairchild.....	Dora B. Thompson..	Oshkosh N. S.....	900 00	.....	2	12	9	21	.....
Fennimore.....	H. W. Kircher.....	Univ. of Wisconsin.....	1,100 00	1	2	26	64	90	.....
Florence.....	Wm. T. Darling.....	Milwaukee N. S.....	1,200 00	1	3	10	50	60	.....
Fond du Lac.....	Elizabeth Waters....	Univ. of Wisconsin.....	1,300 00	4	11	182	219	401	.....

Statistical Tables.

Statistical Tables.

Fort Atkinson.....	J. A. Hagemann.....	Univ. of Wisconsin.....	1,700 00	2	7	75	98	173	.....
Fountain City.....	E. C. Gotham.....	Oshkosh N. S.....	1,000 00	1	1	21	18	39	1
Fox Lake.....	W. B. Robertson.....	Whitewater N. S.....	1,000 00	1	2	13	34	47	.....
Galesville.....	H. C. Almy.....	River Falls N. S.....	1,150 00	2	1	23	54	77	.....
Glenbeulah.....	Hattie B. Goessling.....	Oshkosh N. S.....	675 00	.....	2	22	17	39	.....
Glenwood.....	D. A. Swartz.....	River Falls N. S.....	1,150 00	2	2	41	50	91	.....
Grand Rapids.....	I. O. Hubbard.....	Univ. of Wisconsin.....	1,100 00	2	6	92	123	215	1
Grantsburg.....	Lloyd Tomblenson.....	River Falls N. S.....	765 00	1	2	15	36	51	.....
Green Bay (E. Side).....	W. O. Brown.....	Oshkosh N. S.....	1,600 00	2	8	121	144	265	.....
Green Bay (W. Side).....	Chas. A. Cary.....	Stevens Point N. S.....	1,200 00	2	6	74	121	195	.....
Greenwood.....	A. J. Austin.....	Oshkosh N. S.....	900 00	1	2	22	34	56	.....
Hammond.....	W. W. Clark.....	River Falls N. S.....	720 00	1	1	18	35	53	.....
Hartford.....	W. E. Elmer.....	Univ. of Wisconsin.....	1,300 00	1	11	88	90	178	.....
Hayward.....	Merl M. Ames.....	Stevens Point N. S.....	1,350 00	2	2	31	43	74	.....
Hazel Green.....	Alvin B. Olson.....	Platteville N. S.....	675 00	1	1	19	10	29	.....
Highland.....	H. C. Hacker.....	Univ. of Wisconsin.....	1,000 00	1	1	15	13	28	1
Hillsboro.....	F. B. Polley.....	Stevens Point N. S.....	1,000 00	1	2	17	28	45	.....
Hixton.....	Robt. Lohrie.....	Life State Certificate.....	866 25	1	1	29	36	65	1
Horicon.....	Fred W. Hein.....	Whitewater N. S.....	1,250 00	1	3	44	28	72	1
Hortonville.....	Louis A. BuDahn.....	Milwaukee N. S.....	810 00	1	1	25	25	50	1
Hudson.....	D. L. Hennessey.....	Univ. of Wisconsin.....	1,400 00	2	4	75	105	180	1
Humbird.....	M. E. Jahr.....	Univ. of Wisconsin.....	765 00	1	1	9	8	17	.....
Hurley.....	E. T. Armstrong.....	Mich. State Normal Col.....	1,400 00	3	3	38	54	92	.....
Independence.....	Wm. Segerstrom.....	River Falls N. S.....	585 00	1	1	10	14	24	1
Iola.....	Oscar Gunderson.....	Life State Certificate.....	765 00	1	2	15	19	34	.....
Iron River.....	George De Guire.....	Oshkosh N. S.....	900 00	1	1	9	18	27	.....
Janesville.....	H. C. Buell.....	Milwaukee N. S.....	2,200 00	7	7	148	237	385	.....
Johnson Creek.....	E. M. Cox.....	Whitewater N. S.....	720 00	1	1	14	13	27	.....
Jefferson.....	F. R. Hamilton.....	Oshkosh N. S.....	1,350 00	2	3	50	45	95	.....
Juneau.....	Oscar H Bauer.....	Univ. of Wisconsin.....	1,000 00	1	2	24	37	61	.....
Kaukauna.....	L. E. Sargent.....	Oshkosh N. S.....	1,200 00	2	3	55	62	117	.....
Kendall.....	W. Scott Waite.....	Stevens Point N. S. Cert.....	720 00	1	1	12	23	35	.....
Kenosha.....	W. J. Hocking.....	Univ. of Wisconsin.....	1,500 00	2	7	100	175	275	.....
Kewaskum.....	J. F. Cavanaugh.....	Milwaukee N. S.....	975 00	1	1	19	27	46	.....
Kewaunee.....	H. M. Comins.....	Univ. of Michigan.....	1,200 00	2	1	41	24	65	1
Kiel.....	F. C. VandeWalker.....	Oshkosh N. S.....	1,100 00	2	1	19	22	41	.....

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

Location.	Principal.	Legal qualifications of principal.	Salary of the principal.	No. teachers employed.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pupils over 20.
						Male.	Fe-male.	Total.	
Ladysmith	C. J. McCormick.....	Platteville N. S	\$900 00	1	3	19	45	64	1
La Farge.....	Frank C. Bray	Platteville N. S	900 00	1	1	16	22	38	.....
Lake Geneva.....	H. M. Snow.....	Univ. of Michigan	1,500 00	3	3	54	85	139	2
Lake Mills	C. M. Jones.....	Platteville N. S	1,200 00	1	3	46	58	104	.....
Lancaster	Chas. E. Slothower.....	Platteville N. S	1,500 00	2	3	54	105	159	1
Linden.....	Fred H. Rehberg.....	Univ. of Wisconsin.....	750 00	1	2	12	25	37	.....
Lodi.....	S. Miles Thomas.....	Univ. of Wisconsin.....	1,300 00	2	2	54	63	117	.....
Lone Rock.....	P. P. Patterson.....	Milwaukee N. S	720 00	1	1	18	27	45	.....
Loyal.....	W. S. Bailey	Platteville N. S	810 00	1	2	15	29	44	.....
Manawa.....	C. J. N. Nelson.....	Lawrence Univ.....	810 00	2	1	19	43	62	.....
Manitowoc (S. Side)	W. H. Luehr.....	Univ. of Wisconsin.....	1,600 00	4	.....	42	40	82	.....
Marinette.....	Geo. H. Gohlke.....	Univ. of Wisconsin.....	1,200 00	6	5	135	145	280	2
Marion.....	M. Mortensen.....	Oshkosh N. S	810 00	1	1	12	14	26	.....
Markesan.....	F. P. Roets.....	Whitewater N. S	900 00	1	2	19	23	42	.....
Marshall.....	W. C. Harrison.....	Stevens Point.....	1,000 00	1	2	13	28	41	.....
Marshfield.....	D. C. Gile.....	Univ. of Wisconsin.....	1,700 00	2	4	58	80	138	1
Mauston.....	W. E. Green.....	Whitewater N. S	1,050 00	1	3	29	76	105	1
Mayville.....	L. S. Keeley	Platteville N. S	1,300 00	2	2	33	36	69	1
Mazomanie.....	F. G. Kraege.....	Univ. of Wisconsin.....	1,300 00	1	2	34	52	86	1
Medford.....	Jas. E. Phillips.....	Stevens Point N. S	1,000 00	1	5	45	70	115	.....
Mellen.....	W. J. Cordy.....	Oshkosh N. S	900 00	2	.....	4	21	25	.....
Menasha.....	John Callahan	Life State Certificate.....	1,700 00	3	4	37	47	84	.....

Statistical Tables.

Statistical Tables.

Menomonee Falls...	J. J. Pettijohn.....	Life State Certificate....	1,000 00	2	2	4	41	81	2
Merrill	Geo. F. Downer	Univ. of Wisconsin.....	1,200 00	3	7	113	174	287	1
Merrillan	Will H. Flemming.....	River Falls N. S.	900 00	1	1	15	32	47	.....
Middleton.....	A. J. Zoerb	Stevens Point N. S.	950 00	1	1	8	25	33	1
Milton	W. C. Bartelt	Whitewater N. S.	810 00	1	2	25	31	56	.....
Milton Junction.....	R. S. Goodhue.....	Whitewater N. S.	1,000 00	1	3	18	42	60	.....
Mineral Point.....	J. F. Bergen.....	Whitewater N. S.	1,400 00	3	2	53	76	129	4
Minocqua.....	J. L. Rawson	Platteville N. S.	990 00	1	1	11	15	26	.....
Mondovi.....	W. T. Ream	Beloit Col.	1,000 00	2	2	36	45	81	1
Monroe	G. W. Swartz.....	Univ. of Wisconsin.....	1,750 00	2	4	66	118	184	1
Montello.....	H. A. Melcher.....	Univ. of Wisconsin.....	900 00	1	2	14	31	45	.....
Montfort.....	J. P. Goebel	Univ. of Wisconsin.....	950 00	1	2	21	52	73	.....
Mosinee	W. A. Schwalbe.....	Milwaukee N. S.	810 00	1	1	13	8	21	.....
Mt. Hope	Emily Corlett.....	Platteville N. S.	675 00	.....	2	9	15	24	1
Mt. Horeb.....	W. H. Kelly	Univ. of Wisconsin.....	1,050 00	2	1	28	34	62	1
Mukwonago.....	Wm. Fowle	Life State Certificate	900 00	1	2	25	28	53	.....
Muscoda.....	R. S. Babington	Whitewater N. S.	720 00	1	1	17	22	39	1
Necedah.....	L. W. Brooks.....	Lawrence Univ.	1,000 00	1	2	12	37	49	.....
Neenah.....	E. M. Beeman	Univ. of Wisconsin.....	1,800 00	2	5	45	91	136	.....
Neillsville.....	A. A. Kienholz.....	Lake Forest Univ.	1,300 00	1	4	57	82	139	.....
New Holstein.....	O. J. Falge	Milwaukee N. S.	800 00	1	1	17	15	32	.....
New Lisbon.....	A. R. Clifton	Univ. of Wisconsin.....	1,150 00	1	3	28	32	60	1
New London.....	W. J. Hamilton.....	Milwaukee N. S.	1,200 00	2	3	42	37	79	1
New Richmond.....	C. J. Brewer.....	Life State Certificate....	1,625 00	2	6	108	138	246	.....
Norwalk	M. O. Hoffman.....	Platteville N. S.	675 00	1	1	11	14	25	1
Oakfield	L. G. Curtis	Milwaukee N. S.	800 00	1	2	21	19	40	2
Oconomowoc.....	Philip A. Kolb.....	Platteville N. S.	1,500 00	1	6	57	82	139	2
Oconto	G. F. Loomis.....	Beloit Col.	1,600 00	2	5	56	85	141	.....
Oconto Falls.....	J. S. Collier.....	De Pauw Univ.	1,000 00	2	1	16	27	43	.....
Omro	E. E. Sheldon.....	Life State Certificate....	1,000 00	2	4	27	44	71	3
Onalaska.....	J. H. Jordan	Univ. of Wisconsin.....	1,000 00	1	2	17	46	63	.....
Ontario.....	E. L. Jay	Platteville N. S.	720 00	1	1	12	16	28	.....
Oregon.....	Richard Ziedler.....	Winona N. S.	1,000 00	1	6	26	34	60	.....
Osceola.....	Luke Murphy.....	River Falls N. S.	775 00	1	3	18	32	50	.....
Palmyra.....	A. J. Thorne	Milwaukee N. S.	900 00	1	2	78	51	129	.....
Pardeeville.....	Henry T. Emmett.....	Oshkosh N. S.	675 00	1	1	13	13	26	.....

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907--Continued.

Location.	Principal.	Legal qualifications of principal.	Salary of the principal.	No. teachers employed.		ENROLLMENT IN HIGH SCHOOLS.			
				Male.	Female.	Pupils under 20 years of age.			Pupils over 20.
						Male.	Female.	Total.	
Park Falls.....	F. L. Kneip.....	Oshkosh N. S.....	\$950 00	1	1	15	16	31	.....
Patch Grove.....	Diana Sime.....	Univ. of Wisconsin.....	630 00	.....	2	5	8	13	.....
Pepin.....	John W. Burkholder.....	Platteville N. S.....	675 00	1	1	15	25	40	.....
Peshigo.....	W. E. Morton.....	Oshkosh N. S.....	1,200 00	1	2	23	47	70	.....
Pewaukee.....	Franklin Zelihoefer.....	Whitewater N. S.....	950 00	1	2	15	19	34	.....
Phillips.....	L. A. Jones.....	Univ. of Wisconsin.....	1,000 00	2	2	25	47	72	1
Pittsville.....	Glen Junkman.....	River Falls N. S.....	675 00	1	1	10	22	32	.....
Plainfield.....	William Milne.....	Milwaukee N. S.....	1,000 00	1	2	23	26	49	1
Platteville.....	O. E. Gray.....	Platteville N. S.....	1,500 00	2	3	28	64	92	1
Plymouth.....	J. J. Enright.....	River Falls N. S.....	1,200 00	2	4	71	89	160	.....
Portage.....	W. G. Clough.....	Univ. of Wisconsin.....	1,700 00	1	6	76	103	179	.....
Potosi.....	E. A. Jewett.....	Platteville N. S.....	800 00	1	1	9	25	34	.....
Port Washington.....	A. A. Blandin.....	Oshkosh N. S.....	1,500 00	1	2	31	44	75	.....
Poynette.....	J. F. Powers.....	Univ. of Wisconsin.....	1,050 00	1	2	20	30	50	.....
Prairie du Chien.....	W. E. Utendorfer.....	Univ. of Wisconsin.....	1,200 00	1	2	23	32	55	.....
Prairie du Sac.....	John Dixon.....	Milwaukee N. S.....	1,200 00	1	3	23	39	62	1
Prentice.....	C. R. Ray.....	Platteville N. S.....	900 00	1	1	7	17	24	.....
Prescott.....	James Goldsworthy.....	Univ. of Wisconsin.....	1,000 00	1	2	22	31	53	.....
Princeton.....	Roy M. Blackburn.....	Univ. of Wisconsin.....	855 00	1	2	13	28	41	.....
Randolph.....	E. W. McCrary.....	Lawrence Univ.....	950 00	1	2	23	35	58	.....
Reedsburg.....	J. B. Baldwin.....	Univ. of Wisconsin.....	1,400 00	2	5	50	84	134	2
Rewey.....	J. J. Ruble.....	Platteville N. S.....	630 00	1	1	19	23	42	1

Statistical Tables.

Statistical Tables.

Rhinelanders.....	W. B. Collins.....	Univ. of Wisconsin.....	1,500 00	1	5	56	107	163	.....
Rib Lake.....	Nicholas Gunderson.	Oshkosh N. S.....	1,100 00	1	2	21	14	35	.....
Rice Lake.....	A. H. Cole.....	Univ. of Wisconsin.....	1,200 00	2	3	49	104	153	.....
Richland Center....	G. E. Pratt.....	Univ. of Wisconsin.....	1,400 00	2	4	80	94	174	2
Ripon.....	Rudolph A. Karges .	Whitewater N. S.....	950 00	1	4	41	53	94	.....
River Falls.....	J. W. T. Ames.....	Lawrence Univ.....	1,000 00	2	4	78	70	148	4
Rosendale.....	Alice M. Tetherly....	Life State Certificate...	675 00	.....	2	19	25	44	.....
Sauk City.....	M. T. Buckley.....	Oshkosh N. S.....	900 00	2	1	13	17	30	.....
Seneca.....	Z. B. Wallin.....	Platteville N. S.....	810 00	2	.....	17	29	46	3
Sextonville.....	Thos. A. Nee.....	Platteville N. S.....	760 00	1	3	21	22	43	2
Seymour.....	F. W. Axley.....	Oshkosh N. S.....	1,000 00	2	1	30	35	65	.....
Sharon.....	J. H. Stauff.....	Univ. of Wisconsin.....	1,200 00	2	2	24	43	67	2
Shawano.....	David K. Allen.....	Oshkosh N. S.....	1,200 00	1	3	36	59	95	.....
Sheboygan.....	A. D. Tarnutzer.....	Univ. of Wisconsin.....	1,500 00	5	6	124	171	295	2
Sheboygan Falls....	A. C. Kingsford.....	Univ. of Wisconsin.....	1,300 00	1	2	19	37	56	.....
Shell Lake.....	John L. Dahl.....	River Falls N. S.....	1,000 00	1	2	17	33	50	.....
Shullsburg.....	Hal Murley.....	Univ. of Wisconsin.....	1,026 00	2	1	23	47	70	.....
Soldiers Grove.....	Chas. Washburn.....	Life State Certificate...	850 00	1	6	27	39	66	.....
South Milwaukee....	Paul Bergen.....	Univ. of Wisconsin.....	1,150 00	2	3	32	53	85	.....
Sparta.....	C. M. Sanford.....	Cornell Univ.....	1,600 00	2	5	77	109	186	10
Spooner.....	H. S. Perry.....	Stevens Point N. S.....	720 00	1	1	13	21	34	.....
Spring Green.....	R. A. Brandt.....	Whitewater N. S.....	1,000 00	1	2	19	28	47	.....
Spring Valley.....	C. L. Hill.....	Whitewater N. S.....	900 00	1	2	29	36	65	2
St. Croix Falls....	Geo. J. Baker.....	Stevens Point N. S.....	765 00	1	2	26	27	53	.....
Stanley.....	H. C. Stair.....	Univ. of Wisconsin.....	1,300 00	3	2	36	59	95	2
Stevens Point.....	Genevieve McDill....	Stevens Point N. S.....	807 50	2	4	66	77	143	.....
Stockbridge.....	Henry G. Hotz.....	Oshkosh N. S.....	720 00	1	1	10	20	30	.....
Stoughton.....	Geo. O. Banting.....	Life State Certificate...	1,600 00	2	5	72	136	208	3
Sturgeon Bay.....	C. G. Stangel.....	Univ. of Wisconsin.....	1,400 00	1	5	63	102	165	.....
Sun Prairie.....	Robt. J. Eddy.....	Beloit Col.....	1,200 00	1	3	29	33	62	.....
Thorp.....	Thos. J. Hugill.....	Platteville N. S.....	810 00	1	1	22	36	58	.....
Tigerton.....	J. H. Hardgrove....	Oshkosh N. S.....	800 00	1	.....	10	14	24	.....
Tomah.....	W. McNeel.....	Lawrence Univ.....	1,550 00	2	4	65	102	167	2
Tomahawk.....	Oliver E. Rice.....	Univ. of Wisconsin.....	1,350 00	1	4	25	63	88	.....
Trempealeau.....	Walter M. Atwood....	Univ. of Wisconsin.....	810 00	1	1	11	28	39	.....
Two Rivers.....	S. E. Pearson.....	Platteville N. S.....	1,600 00	2	3	28	30	58	1

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907. - Continued

Location.	Principal.	Legal qualifications of principal.	Salary of the principal.	No. teachers employed.		ENROLLMENT IN HIGH SCHOOLS.			Pupils over 20.
				Male.	Fe-male.	Pupils under 20 years of age.			
						Male.	Fe-male.	Total.	
Union Grove	C. C. Goldthorp	Platteville N. S.	\$675 00	1	2	27	43	70	1
Verona	Thos. S. Thompson	Univ. of Wisconsin	1,000 00	1	1	16	28	44	.....
Viola	C. I. Nelson	River Falls N. S.	720 00	1	1	29	16	45	2
Viroqua	Willis P. Colburn	Platteville N. S.	1,400 00	4	3	68	133	201	1
Waldo	Nellie Thomas	Milwaukee N. S.	765 00	.....	2	30	34	64	.....
Walworth	W. O. Hall	Milwaukee N. S.	765 00	1	2	16	34	50	.....
Washburn	S. A. Oscar	Univ. of Wisconsin	1,400 00	2	4	47	81	128	2
Waterford	Geo. N. Campbell	Whitewater N. S.	760 00	1	2	13	26	39	.....
Waterloo	K. L. Hatch	Platteville N. S.	1,350 00	1	8	25	41	66	2
Watertown	W. P. Roseman	Univ. of Wisconsin	1,800 00	4	3	93	143	236	.....
Waukesha	A. W. Chamberlin	Chicago Univ.	1,850 00	2	8	107	120	227	5
Waunakee	Fred G. Mueller	Whitewater N. S.	1,250 00	1	1	15	25	40	.....
Waupaca	H. H. Faust	Univ. of Wisconsin	1,300 00	2	4	71	95	166	1
Waupun	F. L. Whitney	Univ. of Chicago	1,050 00	2	3	37	63	100	.....
Wausau	C. C. Parlin	Univ. of Wisconsin	1,800 00	5	14	137	195	332	1
Wausaukee	R. B. Thiel	Milwaukee N. S.	950 00	1	2	8	13	21	.....
Wautoma	G. E. Dafoe	Life State Certificate	1,100 00	1	3	24	28	52	.....
Wauwatosa	Thos. R. Lloyd-Jones	Univ. of Wisconsin	2,000 00	1	5	56	82	138	1
West Allis	A. E. Schaub	Univ. of Wisconsin	1,300 00	1	2	13	27	40	.....
West Bend	David E. McLane	Whitewater N. S.	1,400 00	2	2	51	54	105	.....
West De Pere	B. S. Hale	Univ. of Wisconsin	900 00	1	3	23	30	53	.....
Westfield	M. H. Miles	Stevens Point N. S.	775 00	1	2	20	46	66	1

Statistical Tables.

Statistical Tables.

West Salem	C. H. Dietz	Life state certificate	1,260 00	1	3	30	39	69	.....
Weyauwega	S. A. Stivers	Milwaukee N. S.	1,000 00	1	2	30	43	73	.....
Whitehall	A. J. Herrick	Stevens Point N. S.	1,000 00	1	2	24	56	80	3
Whitewater	C. W. Rittenberg	Oberlin Col.	1,800 00	1	6	90	90	180	2
Wilmot	Anton Minsart	Oshkosh N. S.	800 00	1	1	25	25	50	.....
Wilton	J. A. Lonsdorf	Milwaukee N. S.	630 00	1	1	17	26	43	.....
Winneconne	A. L. Halvorson	Whitewater N. S.	900 00	1	2	21	41	62	.....
Wittenberg	O. P. Brown	Platteville N. S.	900 00	2	1	21	29	50	.....
Wonewoc	C. W. McNow	Univ. of Wisconsin	950 00	1	2	22	36	58	1

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1906-1907.

Totals	.....	.....	\$650 00	4	2	36	58	94	.....
Friendship	J. H. Cairns	Stevens Point N. S.	\$630 00	1	.....	9	18	27	.....
Oakwood	F. J. Sorenson	Oshkosh N. S.	665 00	1	.....	10	12	22	.....
Reeseville	John P. Ford	Oshkosh N. S.	675 00	1	1	13	11	24	.....
Unity	R. E. Brazure	Stevens Point N. S.	630 00	1	1	4	17	21	.....

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

Location.	Average daily attendance	Number of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Totals and averages..	68	182	12,496	6,272	4,420	21	1,792	12	14.5
Abbotsford.....	45	180	41	4	6		4		15.5
Albany.....	40	180	36	11					14.5
Algoma.....	85	190	60	30					15.0
Alma.....	41	180		45					15.0
Alma Center.....	15	180	16						14.2
Almond.....	18	180	25						14.0
Amery.....	28	180	39						16.2
Amherst.....	38	180	41						14.6
Antigo.....	266	180	126	88	60		22		14.0
Appleton.....	334	180	183	124	48		17		14.3
Arcadia.....	73	180	58	19	8		2		15.4
Argyle.....	33	180	30	14					13.0
Ashland.....	284	190	30	95	162		80		14.5
Athens.....	29	177	34						14.5
Augusta.....	77	178	52	26	29		3		15.1
Avoca.....	19	180	25						14.0
Baldwin.....	45	180	51						13.0
Bangor.....	35	180	4	35	3		2		14.8
Baraboo.....	196	176	171	52	68		26		14.3
Barron.....	93	180	90	26	16		8		15.0
Bayfield.....	37	190	25	16	10		3		15.0
Beaver Dam.....	95	200	55	41	26		10		14.3
Belleville.....	28	180	24	14					14.5

Statistical Tables.

Belmont.....	30	180	34					15.1
Beloit.....	317	190	109	119	180		33	14.0
Benton.....	34	180	37					16.1
Berlin.....	114	190	39	67	24		8	14.3
Birnamwood.....	23	180	28					15.0
Black Earth.....	42	180	48					14.0
Black River Falls.....	134	180	76	52	27		9	16.0
Blair.....	59	180	64					15.4
Blanchardville.....	33	180	37					15.5
Bloomer.....	54	180	60					14.7
Bloomington.....	65	180	30	21	24			14.4
Boscobel.....	77	182	73	11	13		6	14.5
Boyd.....	13	180	14					14.5
Brandon.....	44	190						14.5
Brillion.....	30	180		35				14.5
Brodhead.....	64	179	45	22	9		4	14.0
Burlington.....	96	190	29	48	30		6	13.9
Cadott.....	35	180	38					15.0
Cambria.....	26	180		29				14.5
Cambridge.....	49	180	45	6				14.3
Cashton.....	36	179	29	17				15.0
Cassville.....	43	180	19	32				13.5
Cedarburg.....	57	200	66	28			28	14.7
Chetek.....	33	180	35	11				14.5
Chilton.....	86	200	68	27				15.0
Chippewa Falls.....	165	180	90	30	55		4	14.3
Clinton.....	44	180	20	16	14		4	15.1
Clintonville.....	76	180	31	62				14.5
Cobb.....	35	180	26	11	7		7	13.5
Colby.....	51	180	53	3				14.4
Columbus.....	80	190	45	22	23		13	14.8
Crandon.....	34	180	20	5	14		1	14.0
Cuba City.....	26	164	19	11				13.5
Cumberland.....		180	42	19	45		16	15.0
Darien.....	23	180	26					14.0
Darlington.....	98	190	55	26	32		2	15.3

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Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

Location.	Average daily attendance.	Number of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Dartford	32	180	40						13.0
Deerfield	59	179	51	20					14.5
De Forest	86	180	42	31	37		8		14.7
Delavan	99	180	61	20	47		13		14.5
De Pere	54	190	27	17	21		7		14.0
Dodgeville	155	180	65	44	63		15		14.0
Durand	65	180	44	33					14.3
Eagle River	31	180	1	10					15.0
East Troy	59	180	46	20	2				13.9
Eau Claire	391	180	253	140	60		33		15.4
Edgerton	106	173	57	45	40		19		14.5
Elkhorn	156	180	80	35	48		9		14.9
Elroy	94	180	62	17	39		5		13.5
Ellsworth	98	180	80	21	13		4		14.5
Evansville	27	180	39	44	61	3	24	3	13.9
Fairchild	18	180	16	5					14.8
Fennimore	77	180	48	22	20				13.0
Florence	55	190	30	14	19	3	3		14.5
Fond du Lac	351	180	146	114	77		77		14.0
Ft. Atkinson	157	180	9	68	35		15		14.0
Fountain City	33	180	40						14.5
Fox Lake	38	190	18	29					14.7
Galesville		180	26	23	23		6		14.6
Glenbeulah		180	39						13.5
Glenwood		180	39	31	11		10		14.3

Statistical Tables.

Grand Rapids	182	180	132	56	46		18		14.4
Grantsburg	40	180	39	12					14.6
Green Bay (East Side)	227	200	75	56	101		15		14.0
Green Bay (West Side)	152	200	75	50	50		11		14.0
Greenwood	51	180	45	11					15.1
Hammond	44	184	53						15.0
Hartford	166	180	118	40	20		20		13.8
Hayward	58	178	62	12					14.5
Hazel Green	25	180	25	4					16.0
Highland	21	180	13	16					14.6
Hillsboro	40	180	37	8					14.5
Hixton	53	165	66						15.0
Horicon	67	180	36	26	10		2		14.5
Hortonville	47	180	51						15.3
Hudson	153	180	96	50	35		10		15.1
Humbird	16	180							15.4
Hurley	72	200	67	3	25		1		14.0
Independence	22	179	25						14.7
Iola	30	180	34						14.0
Iron River	21	180	27						15.0
Janesville	349	190	100	75	60	3	50	3	15.0
Johnsons Creek	19	180		27					13.5
Jefferson	90	180		35	30		30		14.0
Juneau	56	200	21	40					14.2
Kaukauna	108	180	43	54	46		28		14.3
Kendall	31	180	35						14.5
Kenosha	225	188	150	70	70				14.0
Kewaskum	40	180	46						14.5
Kewaunee	62	200	31	25	10				14.6
Kiel	35	200	35	6					14.0
Ladysmith	51	180	34	16	18		3		14.0
La Farge	28	180	27						15.0
Lake Geneva	113	180	52	39	50		34		14.0
Lake Mills	93	180	38	37	22		7		14.0
Lancaster	151	180	72	48	56		16		15.7
Linden	33	180	19	18					14.0

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907--Continued.

Location.	Average daily attendance.	Number of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Lodi.....	101	180	32	75	30		23		14.7
Lone Rock.....	38	180	45						14.5
Loyal.....	39	180	44						14.0
Manawa.....	55	180	36	26					16.0
Manitowoc (South Side)..	72	200		82	4		4		14.0
Marinette.....	242	190	243	56	35		12		15.4
Marion.....	19	180	26						15.5
Markesan.....	35	180	26	16					15.0
Marshall.....	37	180	32	9			9		14.2
Marshfield.....	119	190	81	58	46		12		14.5
Mauston.....	90	180	63	16	35		8		14.9
Mayville.....	58	196	25	45					14.0
Mazomanie.....	80	180	57	19	11		1		14.0
Medford.....	100	190	83	32	15		10		14.0
Mellen.....	18	180	17	8					14.5
Menasha.....	71	190	43	18	34		11		14.7
Menomonee Falls.....	70	180	18	54	15		4		14.7
Merrill.....	250	179	135	91	62				14.5
Merrillan.....	38	180	47						13.5
Middleton.....	31	180		33					13.9
Milton.....	44	180	5	15	15				15.0
Milton Junction.....	51	180	29	9	11		4		14.0
Mineral Point.....	114	180	62	35	36		11		16.0
Minocqua.....	23	180	26						13.7
Mondovi.....	66	176	51	14	26		6		15.5

Statistical Tables.

Statistical Tables.

Monroe.....	170	180	118	55	40	15	14.8
Montello.....	40	180	15	10	20	.....	15.2
Montfort.....	69	180	46	27	.....	.....	14.5
Mosinee.....	.....	180	21	.....	.....	.....	13.5
Mt. Hope.....	17	180	25	.....	.....	.....	14.0
Mt. Horeb.....	59	180	42	21	.....	.....	15.6
Mukwonago.....	48	190	.....	12	.....	.....	14.0
Muscoda.....	32	180	39	.....	.....	.....	14.0
Necedah.....	47	180	35	.....	14	.....	14.0
Neenah.....	119	185	66	41	38	9	14.5
Neillsville.....	128	180	55	45	39	11	15.0
New Holstein.....	29	200	32	.....	.....	.....	14.5
New Lisbon.....	55	180	30	30	13	13	15.1
New London.....	73	180	34	24	32	3	14.6
New Richmond.....	222	180	166	32	64	12	14.5
Norwalk.....	22	180	25	.....	.....	.....	14.0
Oakfield.....	39	180	27	15	.....	.....	14.5
Oconomowoc.....	124	180	93	36	28	64	14.7
Oconto.....	124	180	89	26	26	.....	15.3
Oconto Falls.....	37	180	.....	14	5	.....	13.5
Omro.....	64	180	24	25	35	10	16.0
Onalaska.....	55	180	40	19	9	4	15.0
Ontario.....	19	180	28	.....	.....	.....	15.6
Oregon.....	54	180	.....	14	.....	.....	14.5
Osceola.....	46	180	38	.....	12	.....	15.1
Palmyra.....	67	180	53	15	10	.....	13.5
Pardeeville.....	21	180	26	.....	.....	.....	15.0
Park Falls.....	18	179	31	.....	.....	.....	14.8
Patch Grove.....	9	180	13	.....	.....	.....	16.0
Pepin.....	35	180	40	.....	.....	.....	15.5
Peshtigo.....	58	180	16	30	29	5	14.8
Pewaukee.....	30	168	31	7	.....	.....	14.5
Phillips.....	56	180	50	15	12	10	15.0
Pittsville.....	24	180	32	.....	.....	.....	14.5
Plainfield.....	41	180	42	8	.....	.....	15.7
Platteville.....	84	180	51	15	27	42	16.3

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

Location.	Average daily attendance.	Number of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Plymouth.....	143	180	115	29	26	.....	5	.....	14.6
Portage.....	157	190	70	67	44	.....	22	.....	14.7
Potosi.....	28	180	34	.....	.....	.....	.....	.....	15.0
Port Washington.....	67	200	2	65	.....	.....	.....	.....	14.3
Poynette.....	44	180	32	17	13	.....	5	.....	14.5
Prairie du Chien.....	49	180	.....	20	10	.....	30	.....	13.6
Prairie du Sac.....	58	180	6	38	21	.....	11	.....	13.0
Prentice.....	19	180	28	.....	.....	.....	.....	.....	16.0
Prescott.....	45	180	29	24	2	.....	2	.....	14.5
Princeton.....	32	190	35	6	.....	.....	.....	.....	14.5
Randolph.....	54	180	32	26	20	.....	3	.....	15.5
Reedsburg.....	125	180	82	47	33	.....	20	.....	14.7
Rewey.....	37	180	42	.....	.....	.....	.....	.....	15.0
Rhineland.....	145	178	58	60	71	.....	26	.....	14.3
Rib Lake.....	28	190	18	17	.....	.....	.....	.....	15.0
Rice Lake.....	135	180	87	34	32	.....	.....	.....	14.0
Richland Center.....	150	180	119	31	33	.....	7	.....	14.5
Ripon.....	82	176	34	34	26	.....	11	.....	14.3
River Falls.....	110	180	94	36	51	.....	19	.....	15.7
Rosendale.....	41	178	38	.....	7	.....	.....	.....	14.0
Sauk City.....	28	180	.....	30	.....	.....	.....	.....	13.8
Seneca.....	34	180	49	.....	.....	.....	.....	.....	16.5
Sextonville.....	36	180	43	.....	.....	.....	.....	.....	14.0
Seymour.....	58	190	29	36	.....	.....	.....	.....	14.5
Sharon.....	64	178	13	25	38	.....	11	.....	14.5

Statistical Tables.

Statistical Tables.

Shawano.....	86	179	45	30	6	14	15.0
Sheboygan.....	264	200	165	85	43	37	14.2
Sheboygan Falls.....	52	209	.....	33	.....	.....	13.5
Shell Lake.....	43	180	35	15	.....	.....	14.5
Shullsburg.....	62	190	38	24	15	32	14.0
Soldiers Grove.....	55	180	41	13	12	2	15.0
South Milwaukee.....	70	190	17	.....	.....	.....	14.2
Sparta.....	183	180	46	69	81	29	15.3
Spooner.....	28	180	34	.....	.....	.....	15.0
Spring Green.....	38	180	19	22	9	4	14.4
Spring Valley.....	57	180	54	.....	13	.....	15.3
St. Croix Falls.....	40	180	30	6	17	.....	14.0
Stanley.....	81	176	70	23	12	35	14.5
Stevens Point.....	134	190	29	55	50	15	15.0
Stockbridge.....	24	180	30	.....	.....	.....	14.0
Stoughton.....	184	175	119	50	42	15	14.8
Sturgeon Bay.....	141	198	94	31	40	15	14.5
Sun Prairie.....	55	180	25	23	22	7	14.0
Thorp.....	39	180	58	.....	.....	.....	13.8
Tigerton.....	18	180	24	.....	.....	.....	14.4
Tomah.....	152	180	93	32	44	10	15.1
Tomahawk.....	81	180	65	14	9	4	13.5
Trempealeau.....	32	180	39	17	.....	.....	15.0
Two Rivers.....	48	200	44	9	8	2	14.7
Union Grove.....	57	180	36	17	30	12	14.3
Verona.....	40	179	24	20	.....	.....	14.6
Viola.....	28	177	47	.....	.....	.....	15.9
Viroqua.....	173	180	118	51	45	12	15.5
Waldo.....	56	180	64	.....	.....	.....	14.5
Watworth.....	46	180	34	6	16	6	14.4
Washburn.....	108	180	16	56	34	20	1.7
Waterford.....	35	190	15	19	5	.....	13.5
Waterloo.....	58	180	41	17	.....	.....	14.5
Watertown.....	210	200	105	86	66	23	14.2
Waukesha.....	195	190	84	92	56	34	13.9
Waunakee.....	.....	180	30	10	.....	.....	14.5

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Waupaca.....	139	185	109	58	31	.....	11	.....	14.3
Waupun.....	85	190	47	35	38	.....	14	.....	14.6
Wausau.....	251	180	175	103	37	.....	18	.....	14.0
Wausaukee.....	15	180	16	5	.....	.....	.....	.....	15.0
Wautoma.....	40	180	31	1	2	.....	.....	.....	14.0
Wauwatosa.....	123	190	53	42	65	.....	21	.....	14.0
West Allis.....	33	200	10	14	14	.....	3	.....	14.5
West Bend.....	98	190	81	24	.....	.....	.....	.....	14.5
West De Pere.....	47	180	18	26	9	.....	4	.....	14.0
Westfield.....	57	180	55	12	.....	.....	.....	.....	14.5
West Salem.....	58	180	10	24	35	.....	14	.....	13.8
Weyauwega.....	62	180	53	18	16	.....	5	.....	14.0
Whitehall.....	67	177	83	.....	.....	.....	.....	.....	14.6
Whitewater.....	160	200	109	43	29	.....	72	.....	14.8
Wilmot.....	39	180	50	.....	.....	.....	.....	.....	14.4
Wilton.....	3	180	43	.....	.....	.....	.....	.....	14.9
Winneconno.....	59	180	51	11	.....	.....	.....	.....	14.0
Wittenberg.....	43	180	39	11	.....	.....	.....	.....	13.5
Wonewoc.....	45	180	43	16	.....	.....	.....	.....	14.5

Statistical Tables.

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1906-1907.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Totals and average ..	20	182	70	.....	.....	.....	.....	.....	14.5
Friendship	21	180	27	.....	.....	.....	.....	.....	16.0
Oakwood	18	190	22	.....	.....	.....	.....	.....	16.0
Reeseville	21	180	.....	.....	.....	.....	.....	.....	12.5
Unity	20	180	21	.....	.....	.....	.....	.....	13.6

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

LOCATION.	GRADUATES, 1906.		NO. GRADUATES, 1906, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUTES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male	Female.	Male.	Female.				
Totals and av...	1,117	1,909	151	884	1,156	1,991	12,621	21,563	.....	6,089	\$1 84	\$976,708 01
Abbotsford										6	\$2 00	\$92 60
Albany	1	8	1	5	2	1	15	23	No	19	2 00	274 00
Algoma	13	3	4	3	7	11	63	73	Yes	30	2 00	545 50
Alma	6	8			7	5	52	82	Yes	6	2 00	94 50
Alma Center	3	2	2	2	3	4				3	2 00	50 00
Almond	1	2		2	2	1	13	12		13	2 00	133 00
Amery	1	2			1	7	3	10	No		2 00	190 00
Amherst		1				7	21	55		17	1 50	199 50
Antigo	11	17	1	10	21	26	106	169	Yes	91	2 00	1,208 50
Appleton	14	21	1	3	26	27	55	62	Yes	34	2 00	556 00
Arcadia	9	1	5	1	4	5	123	89	Yes	23	2 00	378 00
Argyle	8	9	3	4	2	1	51	75	Yes	13	2 00	213 00
Ashland	12	26		8	11	17	88	167	Yes	21	2 00	370 50
Athens					2	4	2	4	No	4	2 00	66 00
Augusta	8	13	1	5	3	10			Yes	28	2 00	574 95
Avoca	3	4	2	4	2	3	40	44	No	10	1 33	56 00
Baldwin	4	3		1	4	6	11	17	No	18	2 00	299 50
Bangor	4	5		4	2	3	17	40	Yes	11	2 00	183 00
Baraboo	11	26		8	10	20	172	362	Yes	16	50	893 85
Barron	5	8	1	4	4	9			Yes	46	2 00	660 00

Statistical Tables.

Bayfield	1	5	1	2	1	25	48	Yes	18	2 00	324 50	
Beaver Dam	3	13	1	4	9	16	128	Yes	14	2 00	468 00	
Belleville		5	3			8	35	Yes	13	2 00	234 00	
Belmont		5					13	No	49	2 00	772 00	
Beloit	7	22		5	28	172	538	Yes	2	1 00	18 00	
Benton		3		4	9	18	38	No	39	2 00	689 00	
Berlin	8	18	1	9	6	18	215	Yes	9	2 00	180 00	
Birnamwood	3	2		1	1		20	No	10	2 00	180 00	
Black Earth	2	5		2	3	3	61	No	56	2 40	1,082 05	
Black River Falls	11	9		7	11	11		Yes	22	2 00	381 00	
Blair	3	6	1	5	1	6	12	No	9	2 00	126 00	
Blanchardville				1	3	1	3	No	31	2 00	519 00	
Bloomer	3	5		2	2	12	45	87	No	37	2 00	546 50
Bloomington	2	8		6	3	5	52	108	Yes	32	2 00	473 50
Boscobel	8	6		5	3	9	84	120	Yes	1	2 00	18 00
Boyd			5		1	3	1	3	No	17	1 52	230 28
Brandon	5	5	2	4	1	4	70	103	Yes	13	2 00	212 45
Brillion	1	2			1	2	40	34	No	16	2 00	280 00
Brodhead	2	6		3	5	5			Yes	43	2 00	786 50
Burlington	6	18	1	7	6	16	98	227	Yes	5	1 00	45 00
Cadott	1	9		9			25	68		5	2 00	86 00
Cambria	1	5		9		2	8	13	Yes	25	2 00	371 53
Cambridge	5	3		2	3	6			No	16	2 00	124 00
Cashton	3	2		2	4	2	16	23	No	8	2 00	146 00
Cassville	7	5	1	4	6	6	47	70	No	20	2 00	352 00
Cedarburg	3	5	2	7	4	10	36	31	Yes	16	2 00	256 00
Chetek	7	3	2	3			27	46	No	42	2 00	914 50
Chilton	3	9	2	7	5	5	89	101	Yes	20	2 00	351 00
Chippewa Falls	11	11		4	11	15	142	223	Yes	17	1 80	267 30
Clinton	5	7		4		9	58	120	Yes	31	2 00	335 50
Clintonville	6	2		2		8	62	99	Yes	16	2 00	252 00
Cobb	1	4			1	3				13	2 00	234 00
Colby	1	9			6	5	53	73	Yes	47	2 00	872 00
Columbus	9	14	1	4	7	3	93	183	Yes	6	2 00	108 00
Crandon	1	3		2	1		5	5	No			
Cuba City	4	4	1	2	3	6			No			

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	GRADUATES, 1906.		NO. GRADUATES, 1906, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Cumberland					4	3			Yes	32	\$2 00	\$555 00
Darien	1	2		1	2	2	3	5	No	9	2 00	331 00
Darlington	7	17	2	9	7	14	124	242	Yes	25	50	780 00
Dartford		2		2	1	5	1	7	Yes	10	50	163 00
Deerfield	4	2		1	5	7	36	54	Yes	34	2 00	555 50
DeForest	11	18	1	6	8	10	71	86	Yes	38	2 00	610 50
Delavan	7	14		1	5	9	98	207	Yes	25	2 00	366 00
DePere	1	9		2	1	4	60	120	Yes	20	2 00	272 00
Dodgeville	14	28	3	19	8	18	165	253	Yes	49	3 11	1,344 00
Durand	2	4	1	2	3	5	55	71	Yes	28	2 00	421 00
Eagle River	3	5		4	1	3	7	10	Yes	2	2 00	36 00
East Troy		10		5	5	3	85	107	Yes	48	2 00	736 00
Eau Claire	23	36	1	12	17	30	303	499	Yes	38	2 00	913 25
Edgerton	4	17	2	9	5	8	84	139	Yes	48	2 00	810 50
Elkhorn	11	12	1	6	7	12	217	329	Yes	66	50	992 50
Elroy			2	3		14	72	102	Yes	27		401 75
Ellsworth	3	9	1	7	4	8	38	89	Yes	55	2 00	992 70
Evansville	6	24		12	4	9	123	227	Yes	39	50	608 00
Fairchild		4			2	1			Yes	1	1 50	13 50
Fennimore	3	13		6	3	5	39	85	Yes	40	2 00	592 00
Florence	5	12		5	2	9	43	80	Yes	5	2 00	95 00
Fond du Lac	21	28		1	21	34	283	574	Yes	99	2 00	1,594 00

Statistical Tables.

Statistical Tables.

Fort Atkinson.....	10	16	.....	9	11	19	205	321	Yes.....	36	2 00	617 15
Fountain City.....	5	2	.....	2	2	2	16	19	No.....	6	2 00	98 50
Fox Lake.....	2	5	1	3	1	5	.....	.....	Yes.....	8	40	106 40
Galesville.....	3	11	.....	3	1	9	14	46	Yes.....	37	2 00	620 00
Glenbuelah.....	.....	2	.....	2	1	4	40	60	No.....	12	2 00	190 50
Glenwood.....	4	10	.....	4	10	9	36	88	Yes.....	40	2 00	750 00
Grand Rapids.....	14	8	.....	4	8	13	161	177	Yes.....	42	2 00	734 50
Grantsburg.....	2	1	.....	.....	2	5	13	32	No.....	10	2 00	127 50
Green Bay (E. Side)	12	11	3	4	11	19	131	256	Yes.....	21	2 00	382 00
Green Bay (W. Side)	7	23	2	3	7	22	89	275	Yes.....	11	2 00	220 00
Greenwood.....	2	4	.....	4	2	6	15	46	No.....	24	2 00	418 00
Hammond.....	3	6	.....	.....	1	4	13	33	Yes.....	30	2 00	459 50
Hartford.....	7	10	3	5	14	16	.....	.....	Yes.....	130	2 00	2,260 00
Hayward.....	6	6	4	6	1	6	16	47	No.....	3	.....	.....
Hazel Green.....	2	.....	.....	.....	3	3	43	75	No.....	3	2 00	85 50
Highland.....	.....	4	.....	4	2	1	53	59	Yes.....	14	2 00	252 00
Hillsboro.....	5	4	.....	3	2	5	42	70	Yes.....	18	2 00	280 00
Hixton.....	2	9	1	9	2	10	5	20	No.....	34	2 00	467 50
Horicon.....	6	9	4	1	5	7	.....	.....	Yes.....	42	2 00	775 00
Hortonville.....	3	4	.....	.....	2	6	5	10	No.....	21	2 00	392 00
Hudson.....	15	14	1	4	13	17	129	209	Yes.....	45	2 00	747 00
Humbird.....	.....	.....	.....	.....	3	2	.....	.....	No.....	1	2 00	28 00
Hurley.....	6	5	.....	4	2	8	11	33	Yes.....	4	2 00	40 00
Independence.....	.....	.....	.....	.....	2	3	2	3	No.....	8	2 00	141 00
Iola.....	2	1	.....	.....	3	5	21	21	.....	10	2 00	162 00
Iron River.....	2	.....	.....	.....	.....	3	5	7	Yes.....	3	2 00	42 00
Janesville.....	24	24	.....	8	23	26	312	667	Yes.....	80	2 00	12 00
Johnson Creek.....	.....	.....	.....	.....	1	.....	1	.....	No.....	3	2 00	41 50
Jefferson.....	5	10	.....	.....	8	11	.....	.....	Yes.....	24	2 00	432 00
Juneau.....	3	4	.....	3	2	6	38	44	Yes.....	16	2 00	314 00
Kaukauna.....	11	6	.....	2	9	15	91	94	Yes.....	24	2 00	434 00
Kendall.....	.....	.....	.....	.....	.....	.....	.....	.....	No.....	10	2 00	166 00
Kenosha.....	6	33	6	33	6	22	90	283	Yes.....	60	2 00	600 00
Kewaskum.....	2	7	5	7	6	2	18	16	No.....	17	2 00	270 00
Kewaunee.....	7	8	.....	2	4	2	.....	.....	Yes.....	8	2 00	220 00
Kiel.....	.....	.....	.....	.....	1	2	11	14	No.....	15	2 00	146 50

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	GRADUATES, 1906.		NO. GRADUATES, 1906, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list.	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Ladysmith.....	1	4	.....	4	2	9	4	13	Yes.....	16	\$2 00	\$249 00
La Farge.....	.....	.....	.....	.....	.....	4	.....	.....	No.....	21	2 00	272 00
Lake Geneva.....	7	11	.....	2	8	14	.....	.....	Yes.....	34	2 00	702 00
Lake Mills.....	.....	.....	.....	.....	6	18	.....	.....	Yes.....	31	2 00	558 00
Lancaster.....	9	9	2	5	9	18	137	235	Yes.....	43	2 00	704 50
Linden.....	2	4	.....	1	3	6	34	55	.....	11	2 00	190 00
Lodi.....	6	11	.....	5	8	13	124	203	Yes.....	52	2 00	893 00
Lone Rock.....	.....	.....	.....	.....	2	2	.....	.....	No.....	14	2 00	261 00
Loyal.....	1	6	.....	3	3	4	.....	.....	No.....	14	2 00	169 00
Manawa.....	.....	6	.....	6	1	4	41	56	No.....	11	1 66	108 00
Manitowoc(S. Side)	4	11	1	1	5	9	.....	.....	Yes.....	19	2 00	230 00
Marinette.....	.....	.....	.....	.....	17	17	.....	.....	Yes.....	12	2 00	.....
Marion.....	4	.....	1	.....	3	.....	19	19	No.....	3	2 00	54 00
Markesan.....	.....	.....	.....	.....	1	2	1	2	No.....	14	2 00	254 00
Marshall.....	4	10	.....	9	3	4	26	69	Yes.....	7	2 00	122 00
Marshfield.....	14	12	1	6	16	9	72	177	Yes.....	25	2 00	462 00
Mauston.....	5	13	1	13	1	10	90	146	Yes.....	32	2 00	557 80
Mayville.....	6	7	.....	2	6	6	.....	.....	Yes.....	15	2 00	261 00
Mazomanie.....	3	2	.....	1	5	11	84	142	Yes.....	14	2 00	111 50
Medford.....	6	11	2	8	5	12	61	90	Yes.....	26	2 00	564 50
Mellen.....	2	2	.....	1	.....	2	2	2	No.....	1	.....	.....
Menasha.....	7	4	.....	3	2	10	63	161	Yes.....	.....	.....	.....

Statistical Tables.

Statistical Tables.

Menomonee Falls..	2	3			6	2	9	6	Yes.....	48	2 00	780 25
Merrill.....	8	18		8	12	29	112	126	Yes.....	14	2 00	286 00
Merrillan.....	3	9	1	5	3	11			No.....	14	2 00	252 00
Middleton.....	4	3		1	1	2			No.....			
Milton.....	2	3			1	6	9	19	No.....	16	2 00	247 50
Milton Junction..	2	13		8	4	5	38	82	Yes.....	11	2 00	162 70
Mineral Point.....	13	12			5	10	109	216	Yes.....	27	2 00	422 50
Minocqua.....									No.....	3	50	13 50
Mondovi.....	3	8		3	7	7	43	79	Yes.....	24	2 00	302 00
Monroe.....	7	20	2	12	14	21	224	337	Yes.....	37	2 00	620 00
Montello.....	4	5	1	2		5	42	94	Yes.....	7	2 00	113 20
Montfort.....	7	8		1	4	10	43	93	Yes.....	25	2 00	407 00
Mosinee.....	1	5		4	2	3	3	8	No.....	6	2 00	108 00
Mt. Hope.....		2			1	1	21	36	No.....	4	1 60	43 20
Mt. Hope.....	6	5	5	8	5	6	17	19	Yes.....	31	2 00	541 00
Mukwonago.....	3	6		1	5	1	31	24	No.....	29	2 00	522 00
Muscoda.....	1	1	1		2	2	49	51	No.....	14	2 00	210 00
Necedah.....	3	9		5	3	2			Yes.....	5	2 60	
Neenah.....					4	8			Yes.....	19	2 00	342 00
Neillsville.....	7	17		8	10	16	70	115	Yes.....	23	2 00	640 00
New Holstein.....									No.....	8	2 00	160 00
New Lisbon.....	1	6		5	3	3	58	99	Yes.....	20	2 00	352 00
New London.....	8	7		3	5	4			Yes.....	24	2 00	393 00
New Richmond.....	9	19	4	12	18	19	108	196	Yes.....	136	2 00	2,215 50
Norwalk.....					2	2	2	2	No.....	6	1 50	80 00
Oakfield.....	1	8		4	5	3	60	95	No.....	10	2 00	180 00
Oconomowoc.....	12	14		6	5	21	59	64	Yes.....	54	2 00	941 00
Oconto.....	10	13	5	8	10	12	88	106	Yes.....	17	2 00	286 25
Oconto Falls.....	2	2	1	2	2	3	4	9	Yes.....	15	2 00	299 00
Omro.....	7	12			3	5	84	150	Yes.....	28	2 00	468 00
Onalaska.....	1	7		6	3	12	44	78	Yes.....	16	2 00	271 50
Ontario.....		4		3	1	2	9	10	No.....	10	2 00	136 00
Oregon.....	10	4	1	1	3	2	70	95	Yes.....	36	2 00	493 00
Osceola.....	1	6		3	1	6	8	30	Yes.....	16	2 00	513 50
Palmyra.....	3	11	2	4	8	7	39	57		34	2 00	636 00
Pardeeville.....						4		4	No.....	1	2 00	17 00

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	GRADUATES, 1906.		NO. GRADUATES, 1906, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Park Falls.....						2		2	No.....	1	\$2 00	\$18 00
Patch Grove.....									No.....	2	2 00	36 00
Pepin.....	5	6		4	1	4	44	74	No.....	17	2 00	259 00
Peshigo.....		8			5	9	28	90	No.....	3	2 00	44 00
Pewaukee.....	1	5				1	4	7		12	1 66	180 00
Phillips.....					3	2	18	29	Yes.....	15	2 00	233 00
Pittsville.....	1	3		2	2	1	5	8	No.....	7	2 00	108 00
Plainfield.....	3	2		1	1	3	26	45	Yes.....	16	2 00	231 00
Platteville.....	3	9		2	3	8	32	75	Yes.....	13	2 00	210 50
Plymouth.....	12	7	5	2	11	8	170	176	Yes.....	62	2 00	881 00
Portage.....	6	17	1	4	11	14	181	313	Yes.....	37	2 00	714 00
Potosi.....	2		1		2	5	26	83	No.....	16	2 00	325 75
Port Washington.....	5	3	1	2	4	8			Yes.....	27	2 00	518 00
Poynette.....		4		3		4	52	84	Yes.....	19	2 00	308 50
Prairie du Chien.....	1	8		2	3	3	39	131	Yes.....	16	2 00	
Prairie du Sac.....	2	6		4	4	6	45	69	Yes.....	24	2 00	465 70
Prentice.....	1	5		1	1	5	5	24	No.....	5	1 50	67 50
Prescott.....	5	1		1	4	7	55	60	Yes.....	8	2 00	97 00
Princeton.....	1	4		3	2	2	6	9	No.....	8	2 00	255 50
Randolph.....	9	8		2	3	9	38	47	Yes.....	20	2 00	338 00
Reedsburg.....	1	18		8	1	6	96	140	Yes.....	58	2 00	918 00
Rewey.....			1	5	2	5	8	11	No.....	14	2 00	190 00

Statistical Tables.

Rhinelanders	8	13		2	5	15	74	116	Yes	9	2 00	162 00
Rib Lake		3		3	5	2	5	5	Yes	6	2 00	76 00
Rice Lake	5	8		2	6	12	53	82	Yes	36	2 00	648 00
Richland Center	13	15		7	8	22	148	222	Yes	73	2 00	1,139 00
Ripon	5	12		4	8	13	97	178	Yes	15	2 00	362 00
River Falls	7	5			5	10	81	71	Yes	69	2 00	914 00
Rosendale	4	9		5	3	9	36	55		20	2 00	346 50
Sauk City	4	2	1	2	3	2	43	54	Yes	4	2 00	68 00
Seneca									No	10	2 00	128 00
Sextonville	7	1		2	6	1			No	24	2 00	424 00
Seymour	2	4	2	3	5	6	44	40	Yes	29	2 00	497 50
Sharon	3	10		1	7	8	53	92	Yes	28	50	478 16
Shawano		3		3	2	13	66	109	Yes	33	2 00	594 00
Sheboygan	16	24		3	15	20	185	283	Yes	42	2 00	744 00
Sheboygan Falls	2	4		2	1	7	73	120	Yes	17	2 00	314 00
Shell Lake	1	3			2	4	31	58	Yes	9		81 00
Shullsburg									Yes	18	2 00	376 00
Soldiers Grove	1	5		4	5	7	31	30	No	30	2 00	437 70
South Milwaukee	5	8	5	13		7	68	74	Yes		50	
Sparta	12	16			19	17	191	306	Yes	84	2 40	1,636 70
Spooner		1				1		1	No	10	2 00	134 25
Spring Green	1	7		2	4	3			Yes	14	2 00	217 50
Spring Valley	3	5			5	7	12	17		33	2 00	467 50
St. Croix Falls	2		1	9	5	7			Yes	20	2 00	278 00
Stanley			2	11	5	9	18	44	Yes	44	2 00	
Stevens Point	9	10		3	8	14	138	260	Yes	8	1 90	114 72
Stockbridge	7	7		2	2		27	34	No	18	2 00	541 50
Stoughton	8	16		7	11	24			Yes	60	2 00	964 00
Sturgeon Bay	7	7	1	4	6	12	88	143	Yes		2 00	
Sun Prairie	4	7		4	7	2			Yes	22	2 00	412 00
Thorp	3	5	1	5	3	3			Yes	12	2 00	72 00
Tigerton									No	5	2 00	90 00
Tomah	10	16		5	8	15	119	195	Yes	39	2 00	850 00
Tomahawk	6	5	1	3	6	5			Yes	4	2 00	72 00
Trempealeau	3	5		4	1	5	29	42	No	19	2 00	312 00
Two Rivers	4	7			4	2	78	75	Yes	7	38	105 00

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	GRADUATES, 1906.		NO. OF GRADUATES, 1906, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Union Grove.....		4		2	5	6	25	49	Yes.....	37	\$2 00	\$776 50
Verona.....	3	6		6	2	4	13	23	No.....	13	2 00	229 50
Viola.....	3	6				2	24	40	No.....	18	2 00	310 50
Viroqua.....	3	19		11	13	13			Yes.....	114	2 00	2,152 00
Waldo.....	2	5		4	6	7	46	77	Yes.....	41	2 00	672 00
Waiworth.....	1	3		2		2	29	49	No.....	32	2 00	516 00
Washburn.....	5	14	3	10	3	13	107	243	Yes.....	7	2 00	
Waterford.....	3	3	1	2	3	8	6	11	Yes.....	12	2 00	211 00
Waterloo.....	4	5	1	4	4	11	82	119	Yes.....	18	2 00	275 00
Watertown.....	10	25		13	11	19	154	332	Yes.....	30	2 00	406 00
Waukesha.....	12	26			8	17	122	228	Yes.....	24	2 00	1,195 00
Waunakee.....		1		1	3	3	3	4	No.....	13	2 00	230 00
Waupaca.....	9	12			9	21	156	189	Yes.....	61	2 00	1,061 00
Waupun.....	11	9		3			158	257	Yes.....	20	2 00	308 50
Wausau.....	13	19		5	19	25	147	228	Yes.....		2 00	289 50
Wausaukee.....	1	2			1	3	2	10	No.....			
Wautoma.....	1	2			2	2	6	9	No.....	17	2 00	202 00
Wauwatosa.....	6	16			7	10	100	196	Yes.....	32	50	574 00
West Allis.....					2	3	5	15	No.....	10	2 00	166 00
West Bend.....	5	8	2	4	6	8	131	143	Yes.....	54	2 00	995 50
West De Pere.....	3	3		2	2	8	52	113	Yes.....	12	1 50	162 00
Westfield.....	3	6	1	5	1	5	31	116	No.....	14	2 00	231 00

Statistical Tables.

Statistical Tables.

West Salem	5	5	.....	5	5	8	.....	.....	Yes	23	2 00	415 50
Weyauwega	2	9	.....	3	3	9	39	110	Yes	30	2 00	480 00
Whitehall	1	7	1	6	3	2	8	17	No	43	2 00	692 25
Whitewater	8	8	.....	3	10	13	145	163	Yes	50	2 00	877 50
Wilmot .....	.....	5	.....	4	2	4	3	15	No	31	2 00	446 00
Wilton	3	4	2	2	1	4	27	72	No	12	2 00	216 00
Winneconne	3	8	.....	2	1	4	22	55	No	11	2 00	176 50
Wittenberg	2	5	1	5	1	2	15	25	Yes	22	2 00	340 00
Wonewoc	2	4	.....	1	2	6	.....	.....	Yes	19	2 00	250 50

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1906-1907.

Totals and average	4	8	1	6	4	9	113	155	.....	42	\$1.87	\$625 40
Friendship	1	3	.....	2	2	.....	13	31	No	11	\$1 50	\$125 40
Oakwood	1	1	.....	.....	1	1	44	69	No	13	2 00	219 00
Reeseville	1	.....	.....	.....	.....	3	24	12	No	11	2 00	181 00
Unity	1	4	1	4	1	5	31	43	No	7	2 00	100 00

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1906.
			1st grade.	2d grade.	3d grade.	4th grade.		
Totals and av.....	\$549 08	\$732,790 89	8,654	6,105	4,524	3,473		\$96,470 40
Abbotsford.....	\$990 00	\$2,190 00					No.....	
Albany.....	454 50	1,809 00	19	15	8	5	No.....	\$358 62
Algoma.....	600 00	2,400 00	34	21	18	18	No.....	358 62
Alma.....	540 00	1,440 00	15	10	8	12	Free.....	358 62
Alma Center.....	495 00	1,305 00	5	3	1	7	Free.....	358 62
Almond.....	400 00	1,080 00	10	5	6	4	No.....	358 62
Amery.....	540 00	1,305 00	19	6	6	8	No.....	358 62
Amherst.....	450 00	1,250 00	16	11	7	7	No.....	358 62
Antigo.....	600 00	720 00	123	70	48	48	Rented.....	358 62
Appleton.....	814 00	13,598 00	117	100	66	72	No.....	358 62
Arcadia.....	570 00	2,910 00	28	23	20	9	No.....	358 62
Argyle.....	540 00	1,980 00	16	14	9	5	Rented.....	358 62
Ashland.....	715 50	7,886 58	119	80	60	28	Sold.....	358 62
Athens.....	630 00	1,305 00	19	5	4	6	Free.....	358 62
Augusta.....	558 75	3,635 00	32	22	19	15	Free.....	358 62
Avoca.....	360 00	990 00	10	8	2	5	No.....	332 44
Baldwin.....	495 00	1,440 00	20	10	11	10	Free.....	358 62
Bangor.....	472 50	1,845 00	9	12	13	6	Free.....	35 62
Baraboo.....	710 00	8,090 00	78	60	52	31	No.....	358 62
Barron.....	585 00	2,805 00	47	28	23	13	No.....	358 62
Bayfield.....	589 00	4,145 00	18	15	11	3	Free.....	358 62
Beaver Dam.....	550 00	3,230 00	41	27	18	25	No.....	358 62

Statistical Tables.

Statistical Tables.

Belleville.....	900 00	1,555 00	10	13	7	8	Sold.....	358 62
Belmont.....	450 00	1,190 00	16	6	12	.....	Rented.....	358 62
Beloit.....	637 30	9,480 00	164	117	70	33	No.....	358 62
Benton.....	540 00	1,305 00	10	9	5	13	Sold.....	358 62
Berlin.....	614 00	3,729 50	48	36	22	21	Rented.....	358 62
Birnamwood.....	450 00	1,215 00	12	10	5	1	Free.....	358 62
Black Earth.....	540 00	1,540 00	18	15	9	6	Sold.....	358 62
Black River Falls.....	571 50	4,257 50	40	50	39	26	Free & rented	358 62
Blair.....	517 50	1,935 00	22	20	14	8	Sold.....	358 62
Blanchardville.....	525 00	1,380 00	17	10	6	4	Sold.....	358 62
Bloomer.....	450 00	1,350 00	18	17	11	14	Free.....	358 62
Bloomington.....	553 50	1,872 00	27	20	20	8	Rented.....	358 62
Boscobel.....	524 16	2,692 50	37	24	20	16	Free.....	358 62
Boyd.....	356 50	918 75	6	.....	4	4	No.....	322 76
Brandon.....	498 75	1,560 00	27	12	7	5	No.....	358 62
Brillion.....	540 00	1,395 00	18	8	6	3	Free.....	358 62
Brodhead.....	645 00	3,235 00	23	21	17	15	No.....	358 62
Burlington.....	570 00	3,580 00	37	29	21	23	Rented.....	358 62
Cadott.....	405 00	1,125 00	15	15	8	.....	No.....	330 83
Cambria.....	405 00	1,610 00	10	6	10	3	No.....	358 62
Cambridge.....	472 00	1,755 00	16	17	6	12	No.....	358 62
Cashton.....	540 00	1,640 00	20	9	11	6	Free.....	358 62
Cassville.....	450 00	1,900 00	14	10	13	15	Rented.....	358 62
Cedarburg.....	662 50	2,425 00	19	19	14	14	Free.....	358 62
Chetek.....	450 00	1,215 00	25	10	11	.....	Free.....	358 62
Chilton.....	575 00	3,025 00	44	20	18	13	Rented & sold	358 62
Chippewa Falls.....	747 15	5,130 00	75	47	38	24	No.....	358 62
Clinton.....	585 00	2,905 00	18	13	10	9	No.....	358 62
Clintonville.....	630 00	3,015 00	33	25	20	15	Sold.....	358 62
Cobb.....	405 00	1,440 00	17	9	7	4	No.....	358 62
Colby.....	600 00	1,400 00	33	10	4	11	Sold.....	358 62
Columbus.....	593 75	3,775 00	28	25	22	15	No.....	358 62
Crandon.....	562 50	2,125 00	20	11	8	1	Sold.....	864 50
Cuba City.....	450 00	1,800 00	10	6	5	9	Rented.....	358 62
Cumberland.....	555 00	2,865 00	.....	.....	.....	.....	Rented.....	358 62
Darien.....	405 00	1,080 00	10	8	4	4	No.....	358 62

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1906.
			1st grade.	2d grade.	3d grade.	4th grade.		
Darlington	\$712 00	\$3,562 00	42	28	22	21	No.....	\$358 62
Dartford	450 00	1,080 00	14	16	4	6	No.....	329 53
Deerfield	464 75	1,703 25	23	26	10	12	No.....	358 62
De Forest.....	615 00	3,045 00	43	19	20	18	No.....	1,500 00
Delavan	585 00	3,690 00	56	31	13	15	Rented.....	358 62
De Pere.....	590 00	3,188 96	28	9	18	3	Yes.....	358 62
Dodgeville	684 00	4,720 00	42	68	35	27	No.....	358 62
Durand.....	540 00	2,230 00	24	23	17	13	No.....	358 62
Eagle River.....	585 00	2,170 00	21	10	4	5	Free.....	1,085 00
East Troy.....	450 00	1,800 00	30	16	12	8	No.....	358 62
Eau Claire.....	734 16	13,495 00	193	106	107	47	Free.....	358 62
Edgerton	573 75	3,595 00	42	34	33	14	No.....	358 62
Elkhorn	562 50	4,162 50	76	48	31	21	Rented.....	358 62
Elroy.....	585 00	3,622 50	50	32	17	15	Free.....	358 62
Ellsworth	550 00	3,090 00	34	31	33	12	Rented.....	358 62
Evansville	637 50	3,950 00	33	30	32	28	Sold	358 62
Fairchild	540 00	1,440 00	8	6	3	3	Free	358 62
Fennimore	495 00	2,090 00	35	23	21	11	No.....	358 62
Florence	617 50	3,052 50	24	18	12	11	Rented.....	1,478 75
Fond du Lac.....	719 28	11,370 00	151	109	86	55	No.....	358 62
Fort Atkinson.....	600 00	4,157 50	41	41	36	55	Sold	358 62
Fountain City.....	495 00	1,495 00	21	13	2	4	No.....	358 62
Fox Lake	546 25	2,092 50	13	14	10	6	No.....	358 62

Statistical Tables.

Statistical Tables.

Galesville	475 00	2,095 00	28	24	15	10	Sold	358 62
Glenbeulah	450 00	1,125 00	12	16	5	6	No.....	358 62
Glenwood	625 00	2,835 00	36	20	15	20	Rented.....	358 62
Grand Rapids	733 08	5,865 00	80	74	40	22	Sold	358 62
Grantsburg	450 00	1,665 00	20	10	11	10	Free	358 62
Green Bay (East Side)	740 00	8,270 00	103	80	47	35	No.....	358 62
Green Bay (West Side)	740 00	5,650 00	80	46	39	30	No.....	358 62
Greenwood	495 00	1,890 00	24	12	12	8	Free	358 62
Hammond	540 00	1,260 00	20	18	9	6	Rented.....	358 62
Hartford.....	540 00	4,015 00	65	57	26	34	No.....	358 62
Hayward.....	615 00	3,195 00	26	26	14	8	Free	358 62
Hazel Green	360 00	1,035 00	12	4	10	3	Sold	358 62
Highland	468 00	1,468 00	12	8	5	4	Sold	358 62
Hillsboro	497 50	1,995 00	15	20	3	7	Free	358 62
Hixton	467 50	1,333 75	21	15	13	17	Sold	512 07
Horicon	510 00	2,780 00	17	14	28	13	Sold	358 62
Hortonville.....	450 00	1,260 00	20	16	7	8	No.....	358 62
Hudson	610 60	4,453 00	60	50	40	31	Rented.....	358 62
Humbird.....	450 00	1,215 00	3	6	3	5	Free	358 62
Hurley	670 00	4,325 00	28	12	11	10	No.....	358 62
Independence	405 00	990 00	12	3	5	5	Sold .....	.....
Iola.....	360 00	1,485 00	9	13	4	8	Sold	358 62
Iron River	742 50	1,485 00	12	8	4	3	Free	702 50
Janesville	772 70	11,045 00	150	100	86	49	No.....	358 62
Johnsons Creek	486 00	1,206 00	10	10	6	1	Free .....	.....
Jefferson	675 00	3,285 00	26	24	25	15	Free	358 62
Juneau	500 00	2,000 00	20	19	14	8	Sold	358 62
Kaukauna	683 25	3,935 00	43	27	18	29	No.....	358 62
Kendall.....	450 00	1,170 00	16	9	10	.....	No.....	.....
Kenosha	800 00	8,100 00	135	68	44	28	No.....	358 62
Kewaskum	540 00	1,440 00	15	16	7	8	No.....	358 62
Kewaunee	550 00	2,300 00	34	10	11	11	No.....	358 62
Kiel	590 00	2,280 00	19	22	8	3	Rented.....	358 62
Ladysmith	495 00	2,385 00	23	17	14	11	Yes	358 62
LaFarge.....	405 00	1,305 00	17	12	4	5	.....	.....
Lake Geneva	657 00	4,820 00	43	36	31	22	Free & rented	358 62

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER OF PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1906.
			1st grade.	2d grade.	3d grade.	4th grade.		
Lake Mills	\$495 00	\$2,685 00	30	27	23	24	Free	\$358 66
Lancaster	624 37	3,997 50	68	38	26	28	Rented.....	358 62
Linden	450 00	1,650 00	6	13	9	9	No.....	358 62
Lodi	555 00	2,965 00	37	33	26	21	No.....	358 62
Lone Rock	450 00	1,170 00	9	24	7	5	Free	358 62
Loyal	331 00	1,472 00	14	11	12	7	Rented.....	358 62
Manawa	540 00	1,880 00	23	16	15	6	No.....	358 62
Manitowoc (S. Side) ..	833 33	4,100 00	27	22	18	15	Free	358 62
Marinette	731 60	7,721 25	127	66	52	37	Free	358 62
Marion	450 00	1,260 00	9	10	3	4	Sold	585 00
Markesan	540 00	1,980 00	12	18	17	5	No.....	358 62
Marshall	450 00	1,900 00	16	6	17	8	Sold	950 00
Marshfield	674 50	5,072 50	48	39	26	25	No.....	358 62
Mauston	480 00	2,490 00	11	21	32	42	Free	358 62
Mayville	675 00	3,400 00	32	13	12	13	Sold	358 62
Mazomanie	562 50	2,425 00	31	23	16	16	Free	358 62
Medford	527 25	3,232 50	50	25	23	17	Free	358 62
Mellen	765 00	1,665 00	12	4	7	2	Free	358 62
Menasha	608 66	5,110 00	42	16	14	12	No.....	358 62
Menomonee Falls	465 00	2,395 00	29	25	21	8	No.....	358 62
Merrill.....	625 00	6,825 00	106	66	55	51	No.....	358 62
Merrillan	540 00	1,450 00	47	42	29	14	No.....	358 62
Middleton	450 00	1,400 00	9	9	7	3	Free	700 00
Milton	472 50	1,755 00	18	19	12	7	No.....	358 62

Statistical Tables.

Statistical Tables.

Milton Junction	472 50	2,407 50	22	16	13	9	No.....	358 62
Mineral Point.....	641 25	3,965 00	54	29	35	15	No.....	358 62
Minocqua.....	630 00	1,620 00	10	9	7		Free.....	
Mondovi.....	551 25	2,235 00	33	24	8	17	No.....	358 62
Monroe.....	625 50	4,528 75	58	47	38	42	Free.....	358 62
Montello.....	540 00	1,980 00	17	17	6	5	No.....	358 62
Montfort.....	495 00	1,940 00	21	24	14	14	No.....	1,022 50
Mosinee.....	450 00	1,250 00	9	5	1	5	Sold.....	358 62
Mt. Hope.....	405 00	1,080 00	4	7	5	2	No.....	338 90
Mt. Horeb.....	540 00	2,130 00	22	17	12	12	No.....	358 62
Mukwonago.....	451 25	1,802 50	24	18	6	6	No.....	358 62
Muscoda.....	405 00	1,125 00	20	11	4	4	No.....	358 62
Necedah.....	472 50	1,945 00	19	15	10	5	Sold.....	358 62
Neenah.....	579 16	4,275 00	60	28	32	13	Sold.....	358 62
Neillsville.....	585 00	3,348 00	47	33	31	28	No.....	358 62
New Holstein.....	500 00	1,300 00	15	12	5		Free.....	
New Lisbon.....	495 00	2,635 00	22	18	14	6	Sold.....	358 62
New London.....	380 50	3,102 50	23	20	27	9	Sold.....	358 62
New Richmond.....	627 25	6,015 70	76	74	55	41	Rented.....	358 62
Norwalk.....	450 00	1,125 00	7	8	7	4	No.....	
Oakfield.....	450 00	1,700 00	17	9	8	8	No.....	358 62
Oconomowoc.....	585 00	5,100 00	47	38	28	28	Free.....	358 62
Oconto.....	594 00	3,593 33	57	37	22	24	Free.....	358 62
Oconto Falls.....	542 25	2,102 50	10	14	12	7	No.....	358 62
Omro.....	600 00	2,705 00	35	21	10	8	Sold.....	358 62
Onalaska.....	450 00	1,900 00	21	9	16	17	Free.....	358 62
Ontario.....	450 00	1,170 00	13	5	6	4	No.....	358 62
Oregon.....	450 00	1,900 00	14	23	13	6	No.....	358 62
Osceola.....	450 00	1,665 00	16	11	12	11	Sold.....	358 62
Palmyra.....	472 50	1,845 00	33	14	16	15	Free.....	358 62
Pardeeville.....	450 00	1,125 00	12	9		5	No.....	322 76
Park Falls.....	418 25	1,297 50	11	13	5	2	Free.....	
Patch Grove.....	540 00	1,170 00	8	5			Sold.....	
Pepin.....	450 00	1,125 00	11	15	9	5	No.....	358 62
Peshtigo.....	517 50	2,235 00	26	17	9	18	Free.....	358 62
Pewaukee.....	475 50	1,670 00	20	7	6	1	Rented.....	358 62

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER OF PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1906.
			1st grade.	2d grade.	3d grade.	4th grade.		
Phillips	\$510 00	\$2,530 00	37	21	10	5	Free.....	\$358 62
Pittsville.....	450 00	1,125 00	16	7	6	3	Free.....	358 62
Plainfield.....	517 50	2,035 00	21	18	6	5	No.....	358 62
Platteville.....	573 75	3,795 00	39	29	12	12	Free.....	358 62
Plymouth	648 00	4,440 00	60	38	30	32	No.....	358 62
Portage	649 13	5,800 00	61	57	34	27	Free.....	358 62
Potosi.....	405 00	1,205 00	6	10	10	8	No.....	358 62
Port Washington.....	675 00	2,850 00	29	20	14	12	No.....	358 62
Poynette.....	450 00	1,950 00	16	17	13	4	No.....	358 62
Prairie du Chien.....	540 00	2,180 00	24	11	12	8	No.....	358 62
Prairie du Sac.....	540 00	2,730 00	9	20	23	10	Yes.....	358 62
Prentice.....	540 00	1,440 00	9	9	.....	6	Free.....	58 62
Prescott.....	675 00	2,350 00	17	13	11	12	Free.....	358 62
Princeton.....	522 50	1,900 00	18	8	6	4	Free.....	358 62
Randolph.....	472 50	1,895 00	14	18	12	14	No.....	358 62
Reedsburg.....	580 50	4,327 50	60	38	27	7	Free.....	358 62
Rewey	495 00	1,125 00	19	9	7	7	No.....	358 62
Rhinelanders	567 00	4,178 65	70	43	30	20	No.....	358 62
Rib Lake.....	570 00	2,240 00	14	4	10	7	Free.....	358 62
Rice Lake.....	697 50	3,990 00	65	47	23	18	Rentedorsold	358 62
Richland Center.....	557 00	4,185 00	70	40	31	35	Free.....	358 62
Ripon	618 75	3,425 00	37	18	18	21	No.....	358 62
River Falls.....	589 50	3,722 50	59	52	24	17	Free.....	352 62
Rosendale.....	405 00	1,080 00	14	13	6	12	No.....	358 62

Statistical Tables.

Statistical Tables.

Sauk City.....	517 50	1,935 00	14	7	4	5	Free.....	358 62
Seneca.....	405 00	1,350 00	42	6			No.....	
Sextonville.....	450 00	1,210 00	7	17	12	7	Yes.....	358 62
Seymour.....	563 35	2,187 00	27	16	11	11	.....	358 62
Sharon.....	540 00	3,129 37	27	13	14	15	Rented.....	358 62
Shawano.....	545 00	2,835 00	33	22	25	15	No.....	358 62
Sheboygan.....	757 50	9,075 00	118	78	65	36	No.....	358 62
Sheboygan Falls.....	650 00	2,650 00	23	12	10	11	Free.....	358 62
Shell Lake.....	562 50	2,125 00	26	8	10	6	Free.....	1,062 50
Shullsburg.....	641 25	2,308 50	27	15	21	6	No.....	358 62
Soldiers Grove.....	450 00	1,750 00	24	17	12	13	No.....	358 62
South Milwaukee.....			31	21	24	9	No.....	358 62
Sparta.....	630 00	5,380 00					Free & rented	358 62
Spooner.....	450 00	1,170 00	20	7	5	2	Free.....	358 62
Spring Green.....	573 50	2,147 50	20	8	12	7	No.....	358 62
Spring Valley.....	517 50	1,935 00	16	23	16	12	Free.....	358 62
St. Croix Falls.....	517 50	1,800 00	21	13	7	12	Free.....	358 62
Stanley.....	518 50	3,370 00	36	26	26	15	Free.....	358 62
Stevens Point.....	752 00	3,602 50	50	32	39	22	No.....	358 62
Stockbridge.....	405 00	1,125 00	11	12	5	2	Free.....	358 62
Stoughton.....	547 47	4,795 63	85	47	39	40	Free.....	358 62
Sturgeon Bay.....	611 11	4,150 00	68	48	28	21	No.....	358 62
Sun Prairie.....	495 00	2,285 00	21	17	15	9	No.....	358 62
Thorp.....	450 00	1,260 00	23	26	3	6	Free.....	358 62
Tigerton.....		800 00	15	9			Sold.....	
Tomah.....	600 00	4,550 00	72	42	30	25	Free.....	358 62
Tomahawk.....	596 25	3,735 00	35	21	20	12	Free.....	358 62
Trempealeau.....	450 00	1,260 00	17	14	2	6	No.....	358 62
Two Rivers.....	625 00	2,850 00	33	13	5	6	Free.....	358 62
Union Grove.....			26	24	9	12	.....	358 62
Verona.....	495 00	1,495 00	10	14	14	6	No.....	700 00
Viola.....	495 00	1,215 00	19	15	4	9	Free.....	358 62
Viroqua.....	520 00	4,370 00	88	56	32	26	Free.....	358 62
Waldo.....	495 00	1,260 00	20	16	15	13	No.....	358 62
Walworth.....	472 50	1,710 00	17	22	9	2	No.....	358 62
Washburn.....	678 00	4,897 50	52	36	28	24	Free.....	358 62

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907—Continued.

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER OF PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1906.
			1st grade.	2nd grade.	3rd grade.	4th grade.		
Waterford.....	\$532 50	\$1,852 50	13	10	5	11	No.....	\$358 62
Waterloo.....	607 50	2,790 00	18	22	13	15	Free.....	358 62
Watertown.....	775 00	5,550 00	76	66	51	43	Free.....	358 62
Waukesha.....	680 55	7,875 00	90	67	51	25	Sold.....	358 62
Waunakee.....	675 00	1,925 00	20	10	4	6	No.....	540 00
Waupaca.....	557 50	4,087 50	66	46	25	30	Rented.....	358 62
Waupun.....	642 50	3,095 00	34	25	24	17	No.....	358 62
Wausau.....	655 00	11,879 67	144	78	51	58	No.....	358 62
Wausaukee.....	450 00	1,625 00	6	2	7	6	Free.....	1,025 00
Wautoma.....	510 00	2,630 00	21	15	10	6	No.....	358 62
Wauwatosa.....	660 25	5,301 25	48	36	36	19	No.....	358 62
West Allis.....	700 00	2,700 00	17	8	8	7	No.....	.....
West Bend.....	601 63	3,205 00	37	23	29	16	No.....	358 62
West De Pere.....	514 16	2,542 50	13	11	19	10	Free.....	358 62
Westfield.....	472 50	1,720 00	35	12	12	6	No.....	358 62
West Salem.....	472 50	2,677 50	24	17	13	13	Free.....	358 62
Weyauwega.....	484 00	1,968 00	25	23	10	15	Sold.....	358 62
Whitehall.....	510 00	1,755 00	45	18	15	5	Sold & rented	358 62
Whitewater.....	633 33	5,600 00	73	49	37	23	Sold.....	358 62
Wilmot.....	450 00	1,250 00	24	12	8	6	No.....	358 62
Wilton.....	495 00	1,125 00	17	11	10	5	No.....	358 62
Winneconne.....	450 00	1,800 00	22	21	13	6	No.....	358 62
Wittenberg.....	540 00	1,980 00	21	16	9	4	Sold.....	358 62
Wonewoc.....	517 50	1,985 00	18	14	6	11	Free.....	358 62

Statistical Tables.

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1906-1907.

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER OF PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1906.
			1st grade.	2nd grade.	3rd grade.	4th grade.		
Totals and average..	\$360 00	\$2,285 00	45	35	14	.....	\$1,071 20
Friendship .....	.....	\$630 00	13	12	2	.....	Sold..... \$209 79
Oakwood.....	.....	665 00	14	6	2	.....	No..... 242 07
Reeseville .....	.....	.....	12	9	3	.....	No..... 286 90
Unity	\$360 00	990 00	6	8	7	.....	Free..... 332 44

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

Location.	Principal.	Legal qualifications of principals.	Salary of the principal.	No. teachers employed.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Female.	Pupils under 20 years of age.			Pupils over 20.
						Male	Female.	Total.	
Totals and averages.....			\$26,780 00	95	149	2,629	3,108	5,737	47
Kilbourn	C. W. Smith.....	Determined by Local Board.	\$1,080 00	1	2	36	44	80	1
La Crosse.....	W. R. Hemmenway....		1,750 00	5	13	191	278	469	2
Madison	J. H. Hutchison.....		2,000 00	8	16	275	325	600	11
Manitowoc (No. Side).....	Paul G. W. Keller.....		1,800 00	3	6	64	79	143	.....
Manitowoc (West Side).....	G. W. Davies.....		1,500 00	3	3	53	43	96	.....
Menomonie	G. A. Works.....		1,500 00	5	5	111	129	240	5
Milwaukee (East Div.).....	Geo. A. Chamberlain..		2,450 00	10	13	292	334	626	1
Milwaukee (West Div.).....	Chas. E. McLenegan..		2,500 00	10	23	355	414	769	.....
Milwaukee (North Div.).....	Richard E. Krug		2,450 00	9	9	251	241	492	4
Milwaukee (South Div.).....	Edward Rissman		2,650 00	12	16	277	328	605	4
Oshkosh.....	A. B. O'Neil		1,700 00	6	13	232	263	495	1
Racine.....	E. W. Blackhurst.....		1,900 00	9	11	221	283	504	9
Superior (Dewey).....	A. C. Shong		1,800 00	4	7	45	75	120	.....
Superior (Blaine).....	S. A. Lynch.....		1,700 00	10	12	226	272	498	9

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

Location.	Average daily attendance.	Number of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Totals and averages..	5,013	194	2,570	1,915	1,214	61	513	5	14.6
Kilbourn.....	65	180	62	19	.....	.....	.....	.....	14.5
La Crosse.....	361	200	92	244	186	.....	51	.....	15.2
Madison.....	512	185	25	232	174	34	.....	.....	14.7
Manitowoc (North Side)..	125	199	50	30	35	.....	10	.....	13.5
Manitowoc (West Side)..	82	200	84	12	.....	.....	.....	.....	13.0
Menomonie.....	206	176	202	31	32	.....	.....	.....	15.0
Milwaukee (East Div.)..	519	200	218	278	160	4	88	4	14.5
Milwaukee (West Div.)..	746	200	.....	.....	.....	.....	.....	.....	14.0
Milwaukee (North Div.)..	403	200	194	264	87	1	35	1	15.3
Milwaukee (South Div.)..	590	200	559	310	208	22	254	.....	15.6
Oshkosh.....	437	197	221	188	87	.....	3	.....	14.6
Racine.....	476	200	501	125	124	.....	29	.....	15.0
Superior (Dewey).....	110	190	75	35	25	.....	20	.....	14.5
Superior (Blaine).....	381	190	287	147	96	.....	23	.....	14.5

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

LOCATION.	GRADUATES, 1906.		No. GRADUATES, 1906, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Totals and averages	228	279	3	14	284	384	2,580	3,996	.....	279	\$2 85	\$4,816 70
Kilbourn.....	6	9	.....	2	6	5	82	165	Yes.....	27	\$1 66	\$410 50
La Crosse.....	11	13	.....	.....	9	30	200	376	Yes.....	7	2 40	124 20
Madison.....	28	40	.....	.....	40	56	537	853	Yes.....	27	2 59	799 00
Manitowoc (North Side).....	8	15	.....	1	6	9	170	153	Yes.....	14	2 00	245 00
Manitowoc (West Side).....	7	.....	.....	.....	3	9	51	52	Yes.....	3	2 00	44 00
Menomonie.....	14	19	3	1	23	14	214	235	Yes.....	50	3 00	1,179 00
Milwaukee (East Div.).....	44	32	.....	.....	39	38	.....	.....	Yes.....	.....	.....	.....
Milwaukee (West Div.).....	33	49	.....	.....	26	67	273	509	Yes.....	10	5 00	250 00
Milwaukee (North Div.).....	.....	.....	.....	.....	11	23	.....	.....	No.....	17	5 00	.....
Milwaukee (South Div.).....	34	47	.....	.....	30	39	286	347	Yes.....	58	5 00	.....
Oshkosh.....	15	18	.....	.....	23	25	246	395	Yes.....	26	1 40	364 00
Racine.....	.....	.....	.....	.....	20	30	306	612	Yes.....	40	4 00	1,401 00
Superior (Dewey).....	7	12	.....	6	7	13	60	100	Yes.....	.....	1 00	.....
Superior (Blaine).....	21	25	.....	4	35	26	155	199	Yes.....	.....	2 00	.....

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1906-1907.

1-8-II

LOCATION.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H.S. district furnish text books? If so, free, rented or sold?
			1st Grade.	2nd Grade.	3rd Grade.	4th Grade.	
Totals and average....	\$861 33	\$228,753 09	2,409	1,496	1,050	792	.....
Kilbourn	\$517 50	\$2,115 00	34	16	16	15	No.
La Crosse	791 00	15,250 00	179	129	73	81	Free.
Madison	777 00	17,547 00	217	154	134	106	No.
Manitowoc (North Side)...	775 00	7,750 00	51	40	30	16	Free.
Manitowoc (West Side) ...	725 00	14,400 00	30	23	29	14	Free.
Menomonie	778 88	7,404 50	99	62	44	37	No.
Milwaukee (East Div.)...	1,111 36	26,900 00	244	188	115	80	No.
Milwaukee (West Div.)...	1,070 00	27,100 00	310	203	138	118	No.
Milwaukee (North Div.)...	1,085 00	20,900 00	266	116	77	37	No.
Milwaukee (South Div.)...	1,050 00	30,030 00	302	148	92	66	.....
Oshkosh	808 00	16,250 00	225	104	96	71	No.
Racine	932 00	16,050 00	180	161	95	65	No.
Superior (Dewey).....	900 00	7,800 00	40	30	30	20	Free.
Superior (Blaine).....	837 93	19,256 59	232	122	87	66	Free.

Statistical Tables.

STATE GRADED SCHOOLS, 1906-1907.

FIRST CLASS.

LOCATION.	No. of departments. No. of months taught.		ENROLLMENT.			AVERAGE ATTENDANCE.			GRAD- UATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1906, to June 30, 1907.						
												Teachers' wages.	Appa- ratus.	Books.	Repairs.	New build- ings.	All other purposes	Total.
Totals	641	12,592	12,559	25,262	7,764	7,813	17,403	375	500	875	\$304,191 80	\$11,245 10	\$11,010 35	\$17,393 99	\$117,159 01	\$112,897 57	\$573,927 82	
Ablemans	4	9	59	61	120	.....	.....	89	3	2	5	\$1,575 00	\$243 00	\$47 00	\$50 00	\$574 42	\$2,489 42
Abrams	33	9	65	53	118	32	31	66	2	3	5	1,224 00	18 27	27 91	1,078 98	2,349 16		
Amberg	10	61	63	124	45	43	88	.....	.....	.....	1,740 00	50 00	375 71	316 44	342 50	2,824 65	
Autigo	9	9	.....	.....	111	.....	.....	77	3	2	5	1,100 60	57 23	44 46	825 24	2,027 53	
Apollonia	9	9	.....	.....	.....	.....	.....	68	.....	.....	1,125 00	10 23	61 99	40 25	339 68	1,577 15	
Arbor Vitae	9	9	131	135	266	85	92	177	3	3	6	2,740 00	137 35	118 84	51 66	675 50	3,723 35	
Arena	4	9	53	57	110	42	46	88	7	5	12	1,671 03	.....	71 07	62 30	230 27	2,034 67
Bagley	9	9	62	50	112	44	35	79	1	2	3	1,017 00	66 50	38 00	146 05	\$1,772 30	313 77	3,353 62
Balsam Lake	9	4	44	43	87	39	27	66	3	3	6	1,350 00	219 99	113 05	52 14	367 70	293 73	2,396 61
Baraboo	9	9	52	62	114	40	50	90	2	3	5	1,377 00	51 17	100 35	46 68	347 43	1,922 63	
Barneveld	9	9	42	44	86	28	34	62	2	4	6	1,282 50	.....	21 00	.....	211 05	1,514 55
Birchwood	4	9	62	61	123	37	41	78	4	1	5	1,755 00	338 91	135 00	148 45	72 50	375 46	2,825 35
Blackcreek	9	9	70	56	126	46	51	97	.....	.....	1,197 00	26 10	.....	95 80	394 50	359 53	2,052 93
Brooklyn	9	9	79	89	168	58	65	124	2	2	4	1,945 00	92 50	.....	108 13	657 37	2,803 00
Bruce	6	9	124	137	261	80	88	168	3	7	10	2,430 00	96 89	256 36	122 85	588 68	639 47	4,194 25
Bundy	9	9	40	61	101	25	35	60	2	3	5	1,420 00	.....	104 00	225 42	342 78	2,092 20
Butternut	6	9	141	139	280	104	105	209	2	4	4	2,745 00	35 00	120 00	3.0 00	402 51	3,622 51
Cameron	4	9	99	86	185	60	57	117	3	2	5	1,721 50	32 40	96 55	6 50	1,889 81	3,746 76
Campbellsport	4	9	49	51	100	31	40	71	.....	.....	1,512 00	1 44	9 30	4 12	249 65	931 89	2,708 40
Camp Douglas	9	9	86	75	161	67	61	128	3	1	4	1,647 50	88 90	35 32	76 74	295 10	2,143 56
Catawba	9	9	46	61	107	27	37	64	1	1	2	1,305 00	178 29	103 35	45 56	262 60	1,891 80	
Cedar Falls	33	9	40	51	91	28	38	66	1	6	7	1,170 00	19 32	23 89	36 75	903 70	2,153 66	
Chelsea	9	9	42	39	81	31	29	60	1	2	3	1,395 00	2 88	17 00	85 00	350 83	1,850 71
Clear Lake	5	9	92	84	176	63	56	119	.....	.....	2,250 00	129 28	75 85	343 58	.....	288 60	3,087 31
Coleman	3	9	.....	.....	.....	.....	.....	.....	1	1	2	1,215 00	.....	.....	.....	510 22	1,725 22
Coifax	4	9	82	90	172	56	60	116	7	11	18	1,890 00	.....	.....	553 00	811 74	3,254 74
Commonwealth	4	9.5	86	80	166	.....	.....	136	1	1	2	2,101 25	35 83	79 34	56 34	848 56	3,121 32
Cottage Grove	9	9	34	45	79	22	31	53	3	.....	3	1,080 00	73 18	10 10	20 50	320 58	1,519 36
Dallas	9	9	58	57	115	.....	.....	73	3	5	8	1,260 00	.....	57 46	28 19	418 99	1,764 64
Deer Park	9	9	77	71	148	.....	.....	93	4	1	5	1,215 00	.....	72 74	14 93	298 53	1,601 20

Statistical Tables.

Statistical Tables.

De Forest.....	3	9	49	60	109	33	35	12	3	5	1,452 50	15 99	22 45	30 50	212 23	241 06	1,974 73
De Soto.....	3	9	60	45	105	42	31	73	3	5	1,260 00		3 32		199 25	1,462 57	
Dorchester.....	5	9	98	69	167	80	60	140	5	2	1,780 00	40 00	37 00	108 37	1,145 91	3,111 28	
Downing.....	4	9	50	72	122			87	2	4	1,710 00		46 71	158 29	756 90	2,671 90	
Downsville.....	4	9	79	68	147	50	50	100	4	5	1,620 00		29 92	168 50	521 66	2,340 08	
Drummond.....	3	9	45	39	84	38	30	68	5	5	1,350 00		35 00	170 00	400 00	1,955 00	
Dunbar.....	6	9	93	105	198	62	76	138	3	3	3,105 00	57 99	190 77	99 75	264 38	1,585 20	5,303 09
Eagle.....	3	9	56	36	92	34	28	62	3	5	1,355 00				675 00	348 29	2,388 29
Eau Galle.....	3	9	45	60	105	31	45	76	3	5	1,278 00	38 16	6 41	25 60	21 70	240 38	1,610 25
Edgar.....	5	9	90	113	203	64	84	148	3	8	2,430 00	115 30	9 45	9 50	812 50	473 41	3,850 16
Eland.....	3	9	47	69	116			78			1,410 00	199 45	10 00	130 37		361 41	2,114 23
Eleva.....	4	9	62	47	109	38	34	72	1	2	1,893 00	67 76	162 25	155 78		380 42	2,636 21
Elkhart Lake.....	4	9	66	72	138	54	56	110	4	11	1,710 50	35 63	16 30			653 54	2,415 97
Elmwood.....	4	9	71	94	165				5	6	1,880 00	70 95	194 29			363 76	2,509 00
Elk Mound.....	3	9	50	63	113	28	37	65	2	2	1,214 00	67 00	202 80		1,437 58	1,852 89	4,774 27
Embarrass.....	3	9	56	45	81	25	33	58		3	1,190 00		73 00	60 00		213 67	1,873 67
Etrick.....	3	9	48	47	95	32	32	64			1,215 00	66 28	90 08		2,000 00	32 37	3,403 73
Fall Creek.....	4	9	98	96	194	70	73	143	3	4	1,777 50	25 00	89 23	92 10		562 75	2,546 60
Fall River.....	4	9	79	60	139	53	44	97	1	4	1,485 00	11 26	131 08	165 70		407 67	2,200 71
Fernwood.....	3	10	58	62	120	56	46	102	5	2	1,760 00					889 20	2,649 20
Fifield.....	4	9	67	77	144	44	53	97			1,845 00	15 40	76 56	864 85		753 79	3,555 60
Fontana.....	4	9	69	56	125	45	33	30	3	4	1,701 00	37 41	96 55	204 90		365 53	2,495 39
Footville.....	3	9	40	51	91	27	35	62	2	1	1,301 50		101 98		77 15	168 20	1,648 83
Frederic.....	4	9	114	103	217	93	70	163		1	2,007 00	17 31	107 47	149 49	168 08	867 66	3,317 01
Fredonia.....	3	9	40	36	76			55		3	1,323 00	8 00	13 00	41 50		216 13	1,601 63
Gays Mills.....	3	9	48	87	135	24	50	74	2	4	1,440 00	17 52	106 40	13 50	3,508 00	1,232 02	6,317 44
Genoa Jct.....	6	8.2	80	98	178	44	58	102			2,745 00	44 16	141 13	182 62		2,433 32	5,546 24
Glen Flora.....	4	9	84	105	189	57	71	128	1	1	1,890 00	27 03	260 12	145 60		328 49	2,651 24
Glidden.....	6	9	139	159	298	99	113	212	3	4	3,555 00	240 00	150 00	120 00		325 00	4,990 00
Grafton.....	3	10	60	56	116	49	37	86	3	1	1,400 00	10 00	40 50	13 38	11,028 00	1,511 17	14,003 05
Granton.....	3	9	47	56	103	35	37	72	1	2	1,260 00	41 73	30 80		7,580 94	213 78	9,127 25
Gratiot.....	4	9	80	64	144	59	50	109	1	5	1,725 00	349 30	2 88	30 15	675 00	372 89	3,155 22
Greenbush.....	3	9	37	41	78	25	28	53			1,057 50					119 51	1,177 01
Hackley.....	5	9	40	61	101	28	47	75		3	2,171 45		430 66	492 73	700 00	409 49	4,204 35
Hancock.....	3	9	73	67	140	53	51	104	2	5	1,482 50	10 08		9 51	531 80	280 85	2,314 74
Hartland.....	5	9	96	99	193	74	76	150	1	5	2,115 00	200 00	77 28	257 59	495 00	699 77	3,844 64
Haugen.....	4	9	96	69	165	57	37	94	4	4	1,548 00	127 85	76 10		6,676 14	581 02	9,009 11
Hazelhurst.....	3	9	67	68	135	50	48	98	3	4	1,395 00	26 91	20 76	234 12		502 49	2,179 28
Hilbert.....	4	9	65	76	141	47	47	94			1,630 00		58 00			3,741 47	5,429 47
Hixton.....	3	8.2	65	50	115			84	5	5	1,062 50	40 00	35 00	100 00		1,008 30	2,245 80
Hustisford.....	3	10	49	58	107	29	40	69	3	6	1,400 00	108 32	33 15		8,525 36	1,320 47	11,387 30
Ingram.....	4	9	82	79	161			103		1	1,890 00	296 26	157 42	132 35	583 65	515 49	3,575 17
Ithaca.....	3	9	35	39	74	22	26	48	1	2	1,170 00	10 61	25 47			64 94	1,271 02
Junction City.....	3	9	70	76	146	42	43	85		2	1,116 00	10 00	62 80	13 70		174 20	1,376 70
Kenan.....	3	9	40	62	102	25	41	66	2	2	1,386 00	188 92	143 37		2,631 13	273 96	4,623 38
Knapp.....	4	9	75	93	168			111	3	4	1,710 00	2 95	96 04	53 00		494 66	2,356 65
Lac du Flambeau.....	4	10	82	81	163			119			2,130 00		75 39	479 60	420 00	600 00	3,704 99
Lake Nebagamon.....	6	9	144	121	265	98	91	189	7	6	3,960 00	18 00		32 00			4,010 00

STATE GRADED SCHOOLS, 1906-1907—Continued.

FIRST CLASS.

LOCATION.	No. of departments.		ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
	No. of departments.	No. of months taught.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1906, to June 30, 1907.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Laona.....	3	9	74	74	148	41	39	80	2	2	2	\$1,575 00	\$39 50	50 00	\$20 56	735 98	\$2,371 04	
La Valle.....	3	9	45	65	110	39	54	93	5	5	5	1,305 00	100 00	20 00	20 00	193 05	1,668 05	
Layton Park.....	8	10	204	223	427	157	157	314	7	9	16	4,950 00	160 00	60 00	\$279 00	928 04	6,402 04	
Lena.....	4	9	69	59	128	59	48	107	2	3	5	1,755 00	15 15	24 68	138 30	273 42	2,206 55	
Livingston.....	3	9	47	65	112	47	41	88	7	7	11	1,323 00	106 29	10 55	.....	378 55	1,818 39
Lowell.....	3	9	54	50	104	33	39	72	1	1	1	1,305 00	.....	1 40	17 50	254 46	1,578 36
Luck.....	3	9	77	61	138	48	33	81	3	3	11	1,322 00	240 70	54 49	91 67	296 88	2,005 74	
Maiden Rock.....	3	9	52	60	112	36	43	79	2	4	6	1,440 00	134 32	.....	29 56	542 44	2,146 32
Manawa.....	5	9	122	123	245	91	84	175	4	4	8	2,373 00	26 84	41 40	113 57	1,522 76	4,777 57	
Marshall.....	3	9	51	54	105	34	33	67	1	3	4	1,233 00	54 21	58 56	208 18	1,499 96	4,427 62	
Mason.....	4	9	92	79	171	63	59	122	2	6	8	2,835 00	122 20	160 40	90 53	450 00	3,658 13	
Mattoon.....	6	8.3	146	158	304	89	94	183	2	3	5	2,925 00	50 00	.....	.....	3,062 93	6,037 96
McFarland.....	3	9	54	55	109	37	42	79	6	8	14	1,445 00	16 27	33 02	273 66	368 86	2,136 81	
Melrose.....	4	9	80	58	138	57	44	101	.....	.....	.....	1,780 00	.....	230 57	230 82	295 09	2,931 08
Merrimac.....	3	9	64	49	113	.....	.....	.....	2	3	5	1,233 00	11 40	45 62	43 53	689 63	1,628 58
Middleton.....	3	9	72	66	138	49	50	99	4	2	6	1,125 00	35 95	18 35	18 00	236 64	1,433 94	
Milford.....	3	9	55	40	95	26	25	51	2	2	2	1,080 00	.....	14 65	180 19	201 48	1,476 32
Milladore.....	3	9	58	66	124	42	50	92	2	4	6	1,125 00	88 77	.....	7,000 00	332 18	8,545 95
Milwaukee.....	10	10	341	314	655	235	221	456	6	6	12	7,500 00	32 85	80 00	488 38	1,744 08	9,845 31	
Milwaukee.....	6	10	99	120	219	63	84	147	3	1	4	3,875 00	.....	8 00	48 66	1,211 85	5,143 51
Milwaukee.....	12	10	299	272	571	251	217	471	12	14	26	8,350 00	.....	137 40	593 03	1,575 74	10,656 19
Milwaukee.....	8	10	260	214	474	176	145	321	6	4	10	6,635 36	2,355 28	3 75	564 62	5,019 69	14,578 70	
Milwaukee.....	4	10	121	105	230	83	75	158	2	4	6	3,100 00	107 34	31 05	7 16	3,767 99	13,631 35	
Milwaukee.....	3	10	86	58	144	61	41	102	.....	.....	.....	1,465 00	157 23	23 60	59 60	488 62	29,962 05
Milwaukee.....	8	10	210	185	395	141	125	266	2	2	4	4,998 00	105 44	81 00	41 52	721 37	5,947 33	
Milwaukee.....	4	10	116	92	208	67	59	126	3	1	4	2,350 00	155 86	30 92	67 80	800 00	674 19	4,078 77
Minocqua.....	4	9	81	65	146	57	49	106	2	5	7	1,695 00	.....	150 00	200 00	18,769 00	20,814 00
Mishicot.....	3	9	64	68	132	53	53	106	6	3	9	1,530 00	82 22	69 34	1,005 48	471 70	3,158 74
Montfort.....	4	9	87	58	145	65	43	108	1	7	8	1,296 00	36 58	56 50	69 30	553 83	2,012 21	
Monticello.....	6	9	105	98	203	75	83	158	2	6	8	2,717 00	20 00	180 22	65 95	479 00	485 72	3,947 89

Statistical Tables.

Statistical Tables.

Nekoosa.....	6	9	165	159	324	139	128	267	3	6	9	3,690 00	24 33	39 01	956 24	4,709 58
New Auburn.....	3	9	67	65	132	44	40	84	3	6	9	1,035 00	50 00	144 75	436 89	5,661 08
New Glarus.....	3	9	112	114	226	90	76	166	.....	.....	.....	2,700 00	.....	375 00	457 10	3,892 10
Niagara.....	7	10	221	171	392	142	106	248	4	4	8	4,200 00	38 50	58 15	830 54	5,655 41
North Crandon.....	4	9	68	71	139	38	44	82	1	2	3	2,295 00	84 00	136 00	537 00	3,052 00
North Fond du Lac.....	8	9	207	189	396	161	145	306	11	6	17	3,591 50	109 42	.....	1,140 43	4,876 45
North Freedom.....	4	9	78	68	146	60	54	114	3	8	11	1,665 00	.....	35 10	505 90	2,339 21
North Hudson.....	3	9	46	37	83	35	27	62	2	3	5	1,188 00	9 24	80 23	263 04	1,636 53
North Milwaukee.....	7	7	199	170	369	138	117	255	6	6	12	4,200 00	45 00	62 87	4,640 41	11,318 52
Orfordville.....	3	9	58	55	113	41	40	81	2	3	5	1,395 00	13 94	104 62	3,609 86	1,873 59
Osseo.....	4	9	73	116	189	55	83	139	4	11	15	1,800 00	.....	81 01	430 27	2,346 88
Owen.....	4	9	84	83	167	53	52	105	.....	.....	.....	1,845 00	238 80	294 48	435 24	10,237 29
Plover.....	3	9	62	58	120	38	41	79	3	5	8	1,170 00	.....	2 00	591 17	1,786 91
Plum City.....	3	9	74	56	130	49	39	88	7	3	10	1,787 50	23 40	76 77	169 25	2,060 67
Port Edwards.....	3	9	52	52	104	42	36	78	4	1	5	1,260 00	62 00	26 01	389 20	2,056 00
Prairie Farm.....	3	9	43	75	118	28	51	79	.....	7	7	1,215 00	.....	92 03	185 00	1,850 00
Racine.....	3	9	91	78	169	.....	.....	86	3	1	4	1,367 50	48 40	5 60	185 00	1,634 01
Readstown.....	4	9	62	69	131	39	47	86	7	5	12	1,690 00	.....	15 00	258 04	1,826 84
Red Granite.....	4	9	62	73	135	34	67	101	.....	.....	.....	1,255 25	19 00	12 00	412 02	2,117 02
Reedsville.....	4	9	97	76	173	63	51	114	6	.....	6	1,815 00	2 38	98 88	1,037 52	2,367 00
Ridgeway.....	3	9	71	80	151	50	57	107	.....	7	7	1,260 00	.....	.....	2,959 80	5,685 80
Rio.....	4	9	113	101	214	72	71	143	2	1	3	2,145 00	127 13	.....	569 55	1,572 19
Roberts.....	3	9	46	56	102	29	40	69	4	4	8	1,350 00	25 80	24 23	274 04	1,964 92
Royalton.....	3	9	53	54	107	34	38	72	2	1	3	1,322 50	.....	61 45	349 46	1,828 50
Saxon.....	3	10	56	54	110	35	33	68	1	1	2	1,705 00	.....	60 50	301 25	2,191 75
Scandinavia.....	3	9	52	52	104	38	40	78	1	3	4	1,320 00	70 03	100 90	146 01	1,658 14
Scotfield.....	5	9	136	114	250	87	74	161	2	2	4	2,330 11	.....	159 15	1,691 95	4,242 99
Sherry.....	3	9	42	53	95	25	32	57	2	5	7	1,080 00	20 00	62 36	1,216 50	1,787 86
Shiocton.....	3	9	58	63	121	32	47	79	3	2	5	1,282 50	13 72	10 47	469 45	1,789 53
South Wayne.....	3	9	51	64	115	33	52	85	2	7	9	1,365 00	68 34	.....	423 44	3,735 80
Spencer.....	3	9	48	51	102	.....	.....	72	1	1	2	1,269 00	182 40	54 42	177 75	1,735 40
Stockholm.....	3	9	49	40	89	.....	.....	21	.....	.....	.....	1,102 50	.....	12 99	1,420 39	2,535 88
Stratford.....	3	9	63	71	134	42	48	90	1	2	3	1,350 00	.....	22 20	136 10	1,819 63
Thiensville.....	3	10	42	38	80	35	31	66	2	1	3	1,600 00	.....	124 93	305 61	2,643 29
Three Lakes.....	3	9	59	80	139	36	44	80	2	3	5	1,530 00	110 00	84 00	150 00	6,421 00
Tigerton.....	6	9	119	107	225	100	91	191	6	4	10	2,340 00	.....	47 00	1,320 81	3,718 81
Tony.....	4	9	63	77	140	.....	.....	96	2	2	4	2,205 00	9 65	36 81	1,796 03	4,525 27
Turtle Lake.....	3	9	55	72	127	42	54	96	.....	.....	.....	1,408 50	234 81	4 60	660 96	5,424 02
Wabeno.....	6	9	140	116	256	.....	.....	198	.....	.....	.....	2,565 00	300 00	333 00	1,216 00	4,636 00
Warrens.....	3	9	44	55	99	31	39	70	2	4	6	1,260 00	.....	64 29	504 20	1,628 49
Waterford.....	3	9.5	38	38	76	32	30	62	2	7	9	1,425 00	40 02	.....	1,083 81	2,788 88
Waukau.....	3	9	34	59	93	29	43	72	.....	.....	.....	1,275 00	42 00	8 00	447 16	2,366 24
Wauzeka.....	4	9	52	59	111	42	31	73	2	5	7	1,575 00	112 94	20 00	449 88	2,206 27
West Nekoosa.....	3	9	85	55	140	32	28	60	.....	2	2	1,080 00	99 47	52 68	710 86	2,144 36
Westboro.....	5	9	103	108	211	70	72	142	6	5	11	2,520 00	25 00	350 00	560 00	3,480 00
Westby.....	4	9	96	85	181	73	66	139	4	1	5	1,760 00	8 70	150 21	430 88	2,386 86
Weyerhaeuser.....	4	9	85	69	154	.....	.....	111	.....	.....	.....	1,800 00	.....	216 18	617 08	2,818 17
Whitefish Bay.....	3	10	59	58	117	.....	.....	80	4	6	10	1,800 00	.....	59 94	628 48	2,652 78

STATE GRADED SCHOOLS, 1906-1907—Continued.
FIRST CLASS.

LOCATION.	No. of departments.		ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
	No. of months taught.		Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1906, to June 30, 1907.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Wild Rose	6	9	76	90	166	59	65	124	.....	.....	.....	\$2,552 00	\$100 00	\$129 00	.....	\$334 00	\$1,104 77	\$1,219 77
Williams Bay	4	9	50	57	107	36	39	75	1	.....	1	1,755 00	21 35	106 32	\$36 70	.....	430 86	2,350 23
Wilson	3	9	31	57	88	20	40	60	.....	.....	.....	1,170 00	.....	35 09	.....	.....	168 41	1,373 50
Withee	3	9	70	100	170	46	69	115	.....	1	1	2,090 00	40 00	75 35	275 00	.....	1,450 35	3,930 70
Woodville	3	9	41	46	87	30	31	61	.....	.....	.....	1,341 25	.....	14 76	156 47	.....	505 23	2,017 71
Wyocena	4	9	66	73	139	.....	.....	96	.....	.....	.....	1,665 00	38 41	.....	.....	.....	649 53	2,352 94

Statistical Tables.

STATE GRADED SCHOOLS, 1906-1907.

SECOND CLASS.

LOCATION.	No. of departments.		ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
	No. of departments.	No. of months taught.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1906, to June 30, 1907.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Totals.....	440	.....	7,881	8,059	16,075	4,433	4,719	10,205	274	437	711	\$180,387 67	\$7,171 16	\$5,163 76	\$11,228 96	\$19,200 40	\$52,498 99	\$275,650 94
Adell.....	9	.....	37	35	72	27	24	51	1	2	3	\$841 50	\$6 38	.....	\$18 18	.....	\$39 13	\$905 17
Afton.....	9	.....	29	22	51	22	16	38	.....	4	4	787 50	.....	\$7 74	.....	61 54	195 99	1,052 79
Albion.....	9	.....	23	37	60	15	26	41	.....	2	2	855 00	13 28	20 22	.....	26 62	73 64	988 76
Amherst Junction.....	9	.....	42	41	83	22	25	47	1	4	5	675 00	26 00	.....	94 44	.....	598 47	1,393 91
Angelo.....	9	.....	41	36	77	26	25	52	3	6	9	585 00	9 85	112 24	5 40	.....	49 85	761 84
Aniwa.....	10	.....	53	56	109	.....	.....	68	3	3	6	1,021 50	55 33	48 10	256 51	.....	95 00	1,476 44
Arcadia.....	9	.....	32	42	74	18	24	42	.....	2	4	765 00	8 25	1 50	.....	52 64	223 46	1,050 85
Arkansaw.....	9	.....	56	57	113	34	38	72	.....	4	6	855 00	21 90	.....	14 32	.....	223 00	1,114 22
Arlington.....	9	.....	28	36	64	19	25	44	.....	4	4	765 00	125 00	25 00	.....	13 38	72 40	190 47
Atlanta.....	9	.....	41	38	79	.....	.....	4	1	1	2	832 30	130 00	64 11	43 29	27 00	3 70	1,100 40
Auburndale.....	9	.....	30	40	70	24	38	62	4	2	6	1,035 00	133 00	.....	66 25	.....	308 41	1,542 66
Augusta.....	9	.....	43	37	80	29	27	56	.....	.....	.....	720 00	153 30	104 00	58 95	694 00	95 43	1,825 68
Aurora.....	9	.....	29	35	64	15	23	38	.....	1	1	725 25	27 00	13 65	13 95	.....	151 58	931 18
Bailey's Harbor.....	9	.....	48	40	88	34	39	73	2	2	4	900 00	14 47	21 50	167 25	.....	93 45	1,196 67
Bay City.....	9	.....	39	32	71	29	26	55	2	1	3	810 00	10 05	26 32	9 30	2,480 69	284 93	3,621 29
Beldenville.....	9	.....	36	42	78	21	24	45	.....	2	2	810 00	.....	.....	16 71	.....	364 40	1,191 11
Bennett.....	9	.....	.....	.....	61	.....	.....	31	.....	4	4	945 00	.....	.....	1,700 00	.....	.....	2,645 00
Big Falls.....	9	.....	57	73	130	29	55	64	.....	4	4	900 00	60 54	91 94	17 51	.....	262 64	1,332 63
Black River Falls.....	9	.....	53	32	65	15	19	31	.....	.....	.....	540 00	9 60	26 87	.....	202 94	109 19	888 60
Blue Mounds.....	9	.....	31	25	59	28	19	47	1	3	4	810 00	.....	22 32	7 16	.....	148 53	988 01
Blue River.....	9	.....	40	60	100	23	28	51	2	3	5	618 00	22 23	3 35	10 85	.....	57 70	712 13
Boaz.....	9	.....	53	51	104	34	36	70	.....	3	3	815 00	12 70	36 51	18 10	.....	152 93	1,035 24
Boltonville.....	9	.....	31	30	65	18	21	39	1	1	2	877 50	15 25	16 00	20 50	.....	101 40	1,030 65
Boycerville.....	9	.....	31	33	67	19	24	43	1	4	5	800 00	12 38	24 35	19 81	.....	47 58	904 12
Branch.....	9	.....	49	48	97	.....	.....	79	.....	.....	.....	855 00	.....	21 12	161 66	2,850 00	.....	3,887 78
Bristol.....	9	.....	29	32	61	21	26	47	.....	.....	.....	855 00	.....	10 00	8 00	.....	893 28	1,766 28
Brokaw.....	9	.....	47	55	102	29	40	69	.....	.....	.....	835 00	46 63	23 36	59 52	.....	139 52	1,104 03
Brookside.....	9	.....	48	53	81	30	18	48	.....	1	1	720 00	19 31	59 29	20 55	.....	150 36	969 51
Brownstown.....	8	51	37	46	83	24	30	54	.....	.....	.....	680 03	.....	17 55	.....	.....	120 81	818 39

Statistical Tables.

STATE GRADED SCHOOLS, 1906-1907—Continued.

SECOND CLASS.

LOCATION.	No. of departments.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.									
		No. of months taught.			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1903, to June 30, 1907.						
		Male.	Female.	Total.										Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Burnett	9	38	23	61	26	17	43	4	4	8	\$765 00	\$ 9 66	\$25 11	\$20 36		\$686 75	\$1,516 88			
Cable	9	35	42	77	26	35	61	4	4	4	915 00	55 27	70 58			501 90	1,572 75			
Campbell	9	52	21	73			53	1	1	1	675 00		5 64	82 00		249 94	1,032 58			
Campbellsport	9	39	32	61			28	3	3	6	900 00	6 00	110 60	104 56		508 67	1,629 83			
Carlton	9	39	24	63	27	15	42	2	2	2	810 00	25 00	12 00	826 25		135 24	1,808 49			
Carter	9	28	32	60	19	24	43				955 00	100 00	100 00		\$125 00	800 00	2,155 00			
Cascade	9	41	55	96							819 00					129 78	948 78			
Casco	9	74	65	139	44	41	85	4		4	936 00	339 94	64 27	57 50	73 50	152 60	1,623 81			
Cassimer	9										683 00	900 00	125 00	90 30		372 55	2,170 85			
Catatract	9	46	42	88	25	28	53	1	5	6	630 00	27 11	11 50	11 25		34 30	714 16			
Caznovia	9	49	52	101	26	32	58	6	5	11	770 00	8 39		39 00	104 81	152 09	1,075 29			
Cecil	9							1		1	1,035 00					262 19	1,297 19			
Cedar Grove	9	32	43	75				2	8	10	792 00	150 00	80 00		47 65	1, 04 16	2,173 81			
Centuria	9	59	59	118			71	3	3	3	832 50		47 04	105 80	113 73	192 22	1,291 29			
Chippewa Falls	9	34	18	52	21	11	32	1	1	2	675 00	10 00	69 39	50 00		50 00	854 39			
Cochrane	9	51	42	93	34	32	66	2	5	7	800 00	60 9	116 03	10 25		103 80	1,091 03			
Columbia	9	38	30	68	29	29	49	4	4	8	787 50	19 05	16 93	36 00		1,595 17	2,454 65			
Crivitz	9	53	34	87	29	20	49				945 00	45 00	65 50	25 00		100 00	1,180 50			
Cylon	9	39	42	81	20	25	45		4	4	855 00			54 55	133 94		1,043 49			
Dale	9	40	27	67	32	20	52	2	6	8	900 00	42 40	10 00	19 00	88 60	46 51	1,106 51			
Delafield	9	33	38	71	22	28	50	1	1	2	877 50	183 50	63 60	134 99		311 04	1,570 63			
Delton	9	32	37	69	21	23	44	2	4	6	945 00	4 57	10 79	1 00		124 98	1,086 34			
Doylestown	9	49	48	97	26	28	54	1	2	3	815 00		9 60	48 74	265 00	183 05	1,321 39			
Eastman	9	29	40	69	19	31	50	1	2	3	810 00		8 90			52 00	870 90			
Elcho	9	31	32	63	17	18	35	1	1	3	900 00	21 00	36 22	16 00		52 00	1,025 22			
Elderon	9	43	47	90	18	20	38				837 00		48 00	32 00		97 98	1,014 98			
Elk Mound	9	28	39	67				1	3	4	765 00					96 16	1,721 16			
Ellison Bay	9	35	53	88			45				765 00	185 27		169 20		115 28	1,234 75			
Elton	9	35	33	68	26	22	48	4		4	855 00	12 60	23 04	21 00		1,121 89	2,033 53			
Emerald Grove	9	20	23	43	15	15	30	1	2	3	765 00	3 00		51 00			819 00			

Statistical Tables.

Statistical Tables.

Endeavor.....	12	9	59	59	118	43	41	84	2	2	4	810 00		25 00		539 86	1,374 86
Estella.....	9	9	24	38	62	15	27	42				720 00	39 34	34 72	400 00	14 03	1,208 09
Eureka.....	9	9	18	28	46	19	26	45		3	3	855 00		18 46	125 00	155 90	1,154 36
Fairwater.....	9	9	28	42	70	18	30	48				873 00	12 19	100 48	9 72	113 61	1,109 00
Ferryville.....	8	2	39	32	71	24	22	46				675 00				117 80	792 80
Fillmore.....	9	9	33	37	70	24	20	44	5	4	9	770 00	11 50	32 35	70 85	136 37	1,021 07
Fish Creek.....	9	9	46	48	94	24	29	53	2	1	3	880 00	41 77			118 11	1,039 88
Forestville.....	10	9	52	52	120	39	36	75				1,050 00			31 14	213 29	1,294 43
Franklin.....	9	9	36	43	79	26	36	62	4	3	7	918 00	9 21		56 00	51 14	1,034 35
Franksville.....	9	9	36	28	64	32	23	55				810 00	30 35	26 99		109 03	976 37
Fremont.....	9	9	49	40	89	35	31	66	3	1	4	720 00		64 03	22 62	505 55	1,312 20
Fulton.....	9	9	25	32	57	17	16	33		3	3	765 00	40 99			139 41	945 40
Genesee.....	9	9	27	36	63	17	24	41		5	5	765 00	39 48	17 00	21 63	206 62	1,019 73
Genoa.....	8	3	37	42	79	20	23	43				765 00				97 46	862 46
Georgetown.....	9	9	23	33	56	13	21	34	2	1	3	925 00				198 50	1,123 50
Germania.....	9	9	42	27	69	27	17	44	1	1	2	720 00	2 42			199 76	922 18
Gibbsville.....	9	9	40	39	79	29	33	62	1	1	2	765 00	38 23		65 17	138 29	1,006 69
Glen Haven.....	9	9	32	17	49	25	14	39	3	2	5	720 00	25 98		10 25	58 12	825 41
Glendale.....	9	9	29	35	64	25	22	47				855 00		23 35	84 97	644 47	1,607 79
Glenwood.....	9	9								2	2	720 00	24 78	22 19	64 24	121 65	952 86
Gotham.....	9	9	48	47	95	29	27	56				900 00		33 57	85 40	341 28	1,360 25
Grand Rapids.....	9	9	34	32	66	25	24	49	2	1	3	810 00	47 00	38 00	30 00	300 84	1,225 84
Grandview.....	9	9								5	5	855 00	5 70	5 65	5 30	173 75	1,045 41
Grantsburg.....	9	9	48	31	79			44		1	1	700 00	18 00	39 90		897 72	1,655 62
Green Bay.....	9	9	52	64	116	21	26	47				945 00	15 00	23 00	20 00	605 46	1,608 46
Green Bay.....	9	9	48	61	109			77	1	3	4	774 00				184 74	958 74
Greenleaf.....	9	9	37	37	74	28	27	55		1	1	900 00			14 10	136 70	1,050 80
Hales Corners.....	10	9	27	27	54	27	18	45	3	2	5	1,010 00	6 95	20 70	30 09	220 51	1,288 25
Hanover.....	9	9	32	24	56	20	16	36	4	2	6	765 00		22 88	145 14	172 18	1,105 20
Hatley.....	9	9	81	84	165	54	77	131		1	1	1,015 00		34 60	31 65	318 75	1,400 00
Hawkins.....	9	9	39	46	85	26	23	49	1	3	4	1,035 00		73 20	33 72	283 97	1,425 89
Hayes.....	9	9								3	3	675 00		18 72	16 59	103 63	813 94
Hobron.....	9	9	30	31	61	21	23	44	2		2	765 00	107 62	6 00	11 63	28 08	918 33
Heinmann.....	9	9	49	31	80	17	26	43				675 00	2 69	9 62		188 54	875 85
Heller.....	9	9	25	26	51	17	19	36	2	1	1	675 00	26 32		12 00	149 92	863 24
Hiles.....	9	9	33	42	75	22	29	51	2	1	3	900 00	101 50	175 00	72 61	806 00	2,055 11
Hingham.....	9	9	47	33	80	45	40	85	6	6	12	1,143 00	21 00	39 27	69 65	554 37	1,827 29
Holcombe.....	9	9	46	49	95	22	33	55				765 00	22 27	64 07	12 28	1,495 04	2,358 68
Hollandale.....	9	9	38	42	80	20	32	52		3	3	855 00		30 84	51 19	268 49	1,205 52
Holmen.....	9	9	28	33	61	25	25	50	1		1	675 00		34 49	4 75	188 29	1,000 28
Homestead.....	9	9	43	28	71	28	18	46				810 00		56 36	64 38	192 24	1,122 97
Honey Creek.....	9	9	23	36	59	16	24	40	2	2	4	835 00	35 00	10 00	50 00	84 09	1,014 09
Houlton.....	9	9	44	56	100	28	41	69		3	3	855 00			60 59	540 85	1,456 44
Hustler.....	9	9	23	25	48	19	18	37				819 00	43 15	32 16	2 50	106 17	1,002 98
Ironton.....	9	9	37	45	82			51	1	2	3	810 00	31 80		21 95	108 81	972 56
Jackson.....	9	9	34	26	60	28	22	50	3	4	7	936 00		4 42	7 50	116 70	1,064 62
Jacksonport.....	9	9	30	52	82	18	32	50				855 00	12 50	27 93	11 50	116 04	1,022 97
Kewaunee.....	9	9	39	44	83	26	34	60	4	4	8	900 00			18 60	119 08	1,037 68

STATE GRADED SCHOOLS, 1906-1907—Continued.
SECOND CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1906, to June 30, 1907.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Totals.
Kimberly	9	9	47	30	77	36	28	64	1	2	3	\$720 00	\$17 00				\$1,008 74	\$1,745 74
Kingston	9	9	49	41	90	36	28	64	4	6	10	900 00		\$27 20	\$15 94		125 30	1,068 44
Lamberton	9	9	44	36	80	28	22	50	4	2	6	720 00	15 63		28 31		170 46	934 40
Lannon	9	9	34	45	79	17	26	43	1	3	4	1,035 00	116 69	59 11			407 97	1,741 37
Lena	9	9	49	61	110	32	46	78				780 00		30 00	19 75		81 51	911 26
Leopolis	9	9	43	41	84							855 00		15 13	169 50		942 38	1,982 01
Leadmine	8	5	50	44	94	24	24	48	1	2	3	1,170 00		11 76	20 00		122 30	1,324 06
Lima Center	9	9	32	25	57	22	16	38	1		1	675 00	18 00	8 64	1 20		102 13	804 97
Lund	9	9	23	24	47	15	20	35		4	4	800 00		12 43	14 51		90 15	917 09
Little Black	9	9	38	50	88	30	34	64		3	3	765 00			25 00		120 65	910 65
Logansville	9	9	38	23	61			35		3	3	400 00	346 50				746 50	
Lomira	9	9	61	63	124	37	34	71	1	5	6	901 00		44 49			486 24	1,431 73
London	9	9	38	28	66	29	20	49	1		1	675 00		30 03	49 62		294 93	1,049 58
Lyons	9	9	23	30	53	18	21	39	3	3	6	810 00	17 25		156 30		133 80	1,117 35
Madison	9	9	44	25	69	39	19	58	4	1	5	855 00		18 09	4 53		522 88	1,400 50
Manchester	9	9	32	27	59	18	19	37	2	1	3	693 00		5 00			698 00	
Marquette	9	9	31	33	69	18	30	48				1,098 00	47		37 43		247 94	1,383 84
Merton	9	9	29	22	51	27	18	45	2	1	3	1,017 00	19 94	19 00	92 46		79 82	1,228 22
Mifflin	9	9	33	40	73			56		4	4	855 00		6 00			213 84	1,074 84
Milwaukee	10	30	28	58	25	20	45	3	3	6	1,035 00			28 85	\$315 00		306 02	1,684 87
Milwaukee	10	32	38	70	29	24	53				1,087 00			216 24			168 80	1,472 01
Milwaukee	10	47	44	91	37	33	70	1		1	1,150 00		16 88			3 11 41	1,566 25	
Milwaukee	10	36	34	70	24	30	54	3	3	3	1,150 00	5 24		20 78		331 87	1,507 89	
Milwaukee	9	47	50	97	42	43	85	3	2	5	900 00	216 91				65 00	1,181 91	
Minong	9	9	34	39	73	18	25	43		3	3	765 00	4 18	68 48	4 60		522 14	1,364 40
Modena	9	9	50	39	89	30	25	55		1	1	810 00	175 00	50 00		4,308 00	2 72	5,345 72
Monico	9	9	39	44	83				2	3	5	945 00	22 24	65 00	125 12		40 00	1,197 36
Morrisonville	9	9	28	26	54	22	20	42	2	4	6	720 00		8 45	155 06		138 36	1,021 87
Mosel	9	9	44	45	89	33	30	63	3	3	3	720 00	51 65	12 28	63 42		100 16	947 51
Mountain	9	9	43	50	93	27	29	56	2	2	4	880 00	37 25	37 18		82 43	311 30	1,348 16
Mt. Hope	9	9	21	20	41				2	8	10	630 00	28 85		125 10		113 61	897 56

Statistical Tables.

Statistical Tables.

Mt. Horeb	2	9	44	34	78	25	21	46	2	1	3	657 00	52 00	47 00	26 00	119 22	901 22
Nelson	2	9	42	50	92	30	32	62	2	2	2	900 00		28 81	18 53	63 54	1,010 91
Neosho	2	9	42	34	76	23	25	48	4	4	4	720 00		15 04	13 59	125 78	1,139 41
Neshkoro	2	9	46	46	92			53	1	1	2	648 00	32 89		61 87	20 00	762 76
New Diggings	2	9	26	41	67	19	27	46	2	2	4	855 00		25 30	17 75	189 16	1,087 21
Newburg	9.5	9	24	25	49	17	15	32	1	1	1	983 25					983 25
Newton	2	9	29	39	68	22	28	50	2	2	2	774 00	50 00		50 00	150 37	1,024 37
Norrie	2	9	42	30	72	25	16	41	1	1	2	810 00		6 58		103 65	920 23
Northport	2	9						72	2	4	6	792 00		8 64	2 00	117 43	920 07
Ogdenburg	2	9	66	65	131	35	39	74	1	4	5	1,130 00	5 00		205 62	359 34	1,699 96
Ogema	2	9	28	23	51			35	2	2	2	810 00	44 97			242 15	1,097 12
Olivet	2	9	30	35	65			53	4	4	8	810 00	30 00		188 11	145 70	1,173 81
Oostburg	2	9	45	52	97	33	39	72	2	2	4	805 50	25 00		10 00	80 96	921 46
Otjen	10	9	39	42	81	26	22	48	3	1	4	1,050 00	18 19		63 81	269 48	1,401 48
Oxford	2	9	50	70	120	24	37	61	2	2	2	675 00	12 11	35 10		127 00	885 38
Packwaukee	2	9	38	52	90	23	28	51	1	1	2	720 00			175 00	203 00	1,098 00
Paoli	2	9	29	48	77	21	38	59	1	1	1	792 00	-1 20	7 60	50 40	151 38	1,002 58
Patch Grove	2	9	29	37	66	19	24	43	4	2	6	1,067 75		127 23	41 15	162 72	1,398 85
Pembine	10	30	36	66	20	20	40	33				1,200 00	20 00	158 11	18 76	331 69	1,728 56
Peshigo	2	9	38	48	86	21	30	51	4	4	4	765 00	8 25	40 00	3 25	122 04	938 54
Pine River	2	9	27	27	54	18	18	33				837 00	10 50	8 64		330 07	1,186 21
Plat	2	9	40	38	78	26	28	54				855 00	26 50		37 55	168 19	1,395 24
Pleasant Prairie	2	9	53	40	93			65				863 00	299 30	39 35	109 12	86 15	1,396 92
Pleasant Prairie	2	9	32	34	66	29	21	50	1	1	1	945 00			105 89	100 00	1,150 89
Polar	2	9	62	48	110	43	34	77	2	1	3	810 00	12 00	12 00	70 70	291 34	1,196 04
Poplar	2	9										810 00	50 00	65 00	15 00	100 00	1,140 00
Pound	2	9	51	76	127	32	49	81				835 00	18 47	84 26	11 55	253 86	1,223 14
Poynette	2	9	32	28	60	18	18	33	2	2	2	675 00	112 72	39 88	44 79	166 44	2,613 83
Poysippi	2	9	30	50	80	21	37	58	2	4	6	945 00		21 00	120 28	116 00	1,202 28
Racine	2	9	45	50	99	35	38	73	3	6	9	765 00	19 99	10 00	16 85	208 92	1,020 76
Racine	2	9	35	35	70	23	27	50	3	3	3	709 00				132 15	841 15
Random Lake	2	9	46	41	87	24	28	52	2	2	2	855 00	13 70		16 81	115 88	1,483 65
Random Lake	2	9	33	32	65	21	23	44	2	2	4	790 00	21 87	15 96	30 23	792 25	1,650 31
Richfield	2	9	37	35	72	28	31	59				936 00	10 30		35 00	539 88	1,320 88
Ridgeland	2	9			71			41	1	2	3	810 00	3 00	16 00	10 27	227 62	1,336 80
River Falls	2	9	29	19	48	18	13	31	2	1	3	759 00		20 95	6 50	138 79	925 24
Rochester	2	9	32	27	59	29	23	52	5	3	8	765 00		22 00		141 45	941 45
Rock Elm	2	9	27	29	56	17	18	35	1	1	1	865 63		13 35		138 15	1,017 13
Rockdale	2	9	43	42	85	26	31	57		4	4	900 00	20 25	8 65	93 70	161 41	1,184 01
Rome	2	9	37	30	67	21	25	49	3	3	3	837 00			80 07	128 25	1,045 32
Rosholt	2	9	31	45	76	19	26	45				810 00	28 20	42 30	18 00	803 29	3,021 79
Salem	2	9	35	48	83	26	33	59	2	6	8	1,080 00		28 01	44 95	202 31	1,355 27
Saukville	10	9	33	32	65	25	23	48	1	1	2	1,100 00	21 00		2 40	156 12	1,279 52
Schleisingsville	2	9	20	15	35	14	13	27	2	3	5	1,062 00			50 00	289 85	1,401 85
Seneca	2	9	30	35	65				5	7	12	675 00		8 25		75 34	758 59
Sheboygan	2	9	40	41	81	27	34	61	1	4	5	720 00	43 50	32 46	24 00	59 45	879 41
Sheboygan	2	9	32	41	73	19	23	42	2	2	2	657 00	32 05		13 09	156 71	1,186 24
Sheboygan	10	9	38	31	69	21	16	39				950 00	42 79	21 12	91 69	238 65	1,344 25

STATE GRADED SCHOOLS, 1906-1907—Continued:

SECOND CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.					
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1906, to June 30, 1907.					
												Teachers wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Totals.
Sheboygan Falls.....	9	36	54	90	27	44	71	2	3	3	\$900 00		\$50 00			\$140 02	\$1,090 02
Sheboygan Falls.....	9	37	46	83	27	33	60	2	1	3	882 00	\$11 75	12 20	\$16 50	\$1,011 75	152 55	2,086 75
Shopiere.....	9	36	23	59	31	20	51	2	1	3	810 00		25 00	109 43		178 30	1,122 73
Silver Creek.....	9	49	36	85	28	25	53	1	2	3	862 00		12 00	94 35		533 74	1,502 09
Sister Bay.....	9	40	45	85	34	29	63	1	1	2	810 00				80 00	159 99	1,049 99
So. Germantown.....	9	50	59	109				1	1	2	998 31			42 77		83 75	1,124 83
Spruce.....	9	36	48	84	19	25	44				720 00	9 34	33 53	20 00	79 00	48 09	909 96
Stanley.....	9	44	45	89	22	23	45		1	1	696 00	31 94	4 10			231 19	963 23
Star Prairie.....	9	52	43	95	35	31	66	2	5	7	877 50	27 53	7 10			523 22	1,455 35
Stetsonville.....	9	39	45	84	24	33	57	1	4	5	675 00	28 00	19 90	12 00	175 00	45 25	955 15
Steuben.....	9	39	36	75	26	24	50	1	1	2	765 00	14 59	10 64	6 75		135 73	932 71
Stiles.....	9	51	43	94	36	30	66	1	1	1	846 40		49 51	17 48		109 80	1,023 19
Stitzer.....	9	28	42	70	24	28	52	1	4	5	720 00		1 75	8 50		193 73	923 98
Stonebank.....	9							2	2	4	846 00	58 50	6 55	74 32		94 06	1,079 43
Sussex.....	9	38	42	80	28	34	62	1	3	4	1,125 00	135 00	35 94	14 36		175 48	1,485 78
Symco.....	9	32	45	77	17	24	41		3	3	855 00	2 45	9 55	85 25		372 34	1,324 59
Taylor.....	9	33	37	70	24	25	49		2	2	720 00	15 00	8 50	40 00		69 73	853 23
Theresa.....	10	44	40	84	31	27	58	4	6	6	1,050 00	400 00	54 00	152 60		1,124 00	2,781 50
Trevor.....	9	24	22	46	15	16	31	2	2	4	720 00	10 00	5 26		448 00	191 62	1,374 88
Union Center.....	9	38	36	74				2	2	5	900 00				160 00	503 12	1,563 12
Valley Junction.....	9	35	42	77			35	1		1	630 00		21 38			60 57	711 95
Verona.....	9	37	37	74	29	27	56	5	2	8	810 00	22 94		18 05	83 37	902 62	1,836 98
Waukesha.....	9	31	46	77	23	33	56		2	2	810 00	74 00		116 16		276 35	1,276 51
Wanakee.....	9	35	32	67	22	21	43	5	5	10	765 00	20 42			104 44	196 09	1,085 95
Welcome.....	9	29	23	52			38	3	8	11	900 00						900 00
WestKewaunee.....	10	35	32	67	26	23	49	4	1	5	800 00			13 00		443 52	1,256 52
WestLa Crosse.....	10	39	33	72				2	2	4	650 00	35 75	45 23	42 35		137 01	910 34
WestLima.....	9	31	34	65	20	24	44		4	4	765 00		9 05	3 35			777 40
Windsor.....	9	30	23	53	14	18	32	1		1	787 50		62 00	26 50	78 59	128 89	1,083 48
WolfCreek.....	9	34	37	71	17	24	41		4	4	765 00			19 08		154 35	938 43
Woodruff.....	9	18	30	48	10	22	32				990 00	132 30	24 23			348 70	1,495 23

Statistical Tables.

STATE TEACHERS' INSTITUTES, JULY 1, 1906—JULY 1, 1907.

COUNTIES.	NUMBER ATTENDING.			Days institute.	Average daily attendance.	Average number of months taught.	NUMBER HAVING ATTENDED			
	Male.	Female.	Total.				Colleges, universities or academies.	Normal schools.	High schools.	Common schools only.
Totals	688	6,526	7,214	597	6,289	1,706	280	997	4,691	759
Adams.....	11	79	90	15	69	26	3	4	36	36
Ashland	5	45	50	5	46	31	1	5	32	12
Barron.....	3	51	54	5	48	34	2	6	39	7
Bayfield.....	5	59	64	10	56	30	3	6	56	.....
Brown	8	70	78	10	71	32	2	13	61	1
Buffalo	5	65	70	10	55	26	.....	7	29	2
Burnett	2	35	37	10	33	26	3	10	19	6
Calumet.....	9	57	66	10	60	26	1	23	42	.....
Chippewa.....	7	158	165	10	154	28	1	9	137	18
Clark	11	127	138	10	125	15	1	7	109	8
Columbia	6	144	150	10	138	16	10	11	110	8
Crawford	13	139	152	5	137	22	5	4	73	70
Dane	4	51	55	5	51	13	1	3	51	.....
	4	84	88	5	88	21	3	4	80	1
	10	80	90	10	76	25	9	10	67	4
Dodge.....	14	102	116	10	102	28	4	2	104	6
Door.....	20	58	78	5	74	24	1	22	36	18
Douglas.....	5	81	86	5	85	20	3	55	21	7
Dunn	8	110	118	10	91	22	1	71	31	15
Eau Claire.....	2	69	71	10	66	22	.....	6	68	3
Fond du Lac.....	15	156	171	5	160	19	4	47	107	13

Statistical Tables.

STATE TEACHERS' INSTITUTES, JULY 1, 1906—JULY 1, 1907—Continued.

COUNTIES.	NUMBER ATTENDING.			Days institute.	Average daily attendance.	Average number of months taught.	NUMBER HAVING ATTENDED			
	Male.	Female.	Total.				Colleges, universities or academies.	Normal schools.	High schools.	Common schools only.
Forest	6	40	46	3	45	23	4	20	22	1
Grant	17	151	168	10	108	27	5	24	135	4
Green	6	71	77	10	84	28	1	8	86	2
Green Lake	9	90	99	5	99	13	.....	3	48	16
Iowa	18	216	234	10	212	22	12	22	177	14
Jackson	7	103	110	10	94	25	.....	1	92	13
Jefferson.....	12	128	140	10	125	16	5	18	124	4
Juneau	19	115	134	10	122	22	2	2	122	8
Kenosha.....	3	76	79	5	72	22	10	3	62	4
Kewaunee	30	41	71	5	67	41	1	11	43	16
La Crosse.....	3	82	85	10	76	25	.....	5	79	2
Lafayette.....	8	117	125	10	114	29	7	14	89	5
Langlade.....	6	64	70	5	66	25	2	3	60	4
Lincoln.....	4	91	95	5	86	19	.....	1	71	23
Manitowoc	42	76	118	10	90	33	1	18	38	13
Marathon	8	146	154	10	137	27	5	12	62	7
Marquette.....	5	79	84	5	84	27	3	17	65	1
Marquette	7	79	86	10	83	23	9	10	49	18
Milwaukee.....	16	77	93	5	91	.....	14	23	53	3
Monroe	4	162	166	10	154	25	4	7	142	13
Oconto	8	105	113	10	94	19	3	11	59	40
Oneida.....	.....	60	60	5	51	16	3	.....	40	15
Outagamie.....	7	118	125	10	118	25	3	7	86	22

Statistical Tables.

Statistical Tables.

Ozaukee.....	27	42	69	5	67	33	.....	32	25	11
Pepin.....	1	43	44	10	37	27	.....	6	29	4
Pierce.....	13	104	117	10	108	24	1	47	56	1
Polk.....	6	69	75	10	62	28	2	5	32	9
Portage.....	9	128	137	10	82	20	3	55	44	35
Price.....	6	57	63	5	56	29	2	4	43	14
Racine.....	8	77	85	10	71	23	14	10	58	3
Richland.....	19	91	110	5	100	18	3	5	41	9
Rock.....	4	158	162	10	147	27	24	15	115	8
Rusk.....	5	51	56	15	45	13	4	4	26	22
St. Croix.....	13	153	166	10	120	26	4	62	92	2
Sauk.....	8	164	172	10	142	28	4	8	127	7
Shawano.....	14	66	80	5	77	29	4	12	51	13
Sheboygan.....	8	40	48	5	47	20	9	3	26	3
Taylor.....	22	127	149	5	135	32	11	17	116	5
Trempealeau.....	8	80	88	10	88	24	1	4	65	.....
Vernon.....	15	87	102	10	91	.....	3	5	57	38
Vilas.....	18	183	201	10	193	24	1	2	116	46
Walworth.....	.....	17	17	5	15	28	1	1	13	2
Washburn.....	3	103	106	10	91	24	3	6	96	1
Washington.....	4	59	63	10	54	37	3	10	33	17
Waukesha.....	22	73	95	5	85	27	1	25	65	3
Waupaca.....	15	104	119	14	117	31	18	46	52	2
Waushara.....	9	123	132	10	.....	23	6	4	78	1
Winnebago.....	5	68	73	15	56	15	1	6	26	15
Wood.....	5	86	91	10	84	25	2	31	55	3
	9	66	75	5	62	28	3	7	42	2

TEACHERS' INSTITUTES, HELD UNDER THE PROVISIONS OF CHAPTER 331, LAWS OF 1895, AND LAWS AMENDATORY THERETO, 1906.

Counties.	No. of such institutes held.	Names of Conductors.	Total No. of days institute.	Total attend- ance.	Average daily attend- ance.	No. of evening lec- tures.	Names of Lecturers.
Totals....	108	558	8,003	5,989	51
Ashland.....	1	J. T. Hooper, J. A. Merrill.....	5	50	46	J. A. Merrill.
Barron.....	1	J. F. Sims, L. H. Clark, J. T. Hooper	5	54	48	.....
Bayfield.....	1	J. A. Merrill.....	2	27	27	1	
Buffalo.....	1	H. H. Liebenberg, D. L. Hennesey, H. W. Kircher.	10	70	55	.....
Burnett.....	1	C. J. Brewer, Lottie Deneen.....	10	39	35	H. L. Wilson.
Calumet.....	2	C. E. Patzer, W. H. Cheever.....	2	70	70	.....
Chippewa....	1	H. L. Wilson, W. H. Schulz, W. F. Lusk, Maud Brewster.	10	163	153	1	
Columbia.....	2	F. S. Hyer, C. E. Slothower, S. M. Thomas, J. F. Bergen, Fred Thom- son.	12	229	211	1	F. S. Hyer.
Crawford.....	1	G. W. Gehrand, G. E. Pratt, W. P. Colburn.	5	155	136	Delbert Lean, W. C. Hewitt, W. H. Chee- ver.
Dane.....	4	W. H. Cheever, O. S. Rice, A. W. Weber, E. C. Meland, C. W. Smith, H. W. Barber.	21	289	262	.....
Dodge.....	2	W. C. Hewitt, L. S. Keeley, D. E. McLane, Gail Calmerton, W. H. Cheever.	12	299	150	.....
Door.....	1	A. M. Olson, B. Mack Dresden.....	5	78	74	.....

Statistical Tables.

Dunn.....	1	J. T. Hooper, W. F. Lusk, H. H. Liebenberg, Jennie M. Brackett.	5	127	118	.....
Eau Claire...	1	F. M. Jack, Franc Wilkins, Geo. Works.	10	105	101	.....
Florence.....	1	V. E. McCaskill, F. S. Hyer.....	3	30	28	.....
Fond du Lac.	1	W. C. Hewitt, F. M. Jack, A. B. Houghton.	5	171	160	.....
Forest.....	1	W. H. Cheever, A. H. Sage.....	3	46	45	1	W. H. Cheever, A. H. Sage.
Grant.....	1	O. J. Schuster, O. E. Gray, W. P. Colburn, H. W. Kircher.	10	200	148	2	O. J. Schuster, Eaton.
Green.....	1	.....	10	103	93	.....
Green Lake...	2	W. H. Cheever, W. C. Hewitt.....	4	51	.....	1	
Iowa.....	2	C. G. Babcock, J. F. Bergen, P. Lynch, H. W. Kircher, W. H. Cheever.	12	197	.....	1	H. O. Sampson.
Jackson.....	1	H. C. Buell, D. L. Hennessey, M. V. Boyce.	10	111	99	.....
Jefferson.....	3	W. C. Hewitt, H. C. Buell, J. A. Hagemann, W. H. Cheever, W. J. Hamilton.	13	285	.....	4	W. C. Hewitt, W. H. Cheever, Miss King, R. J. O'Hanlon.
Juneau.....	1	F. S. Hyer, F. M. Weimer, W. C. Harrison.	10	121	112	1	J. W. Livingston.
Kenosha.....	3	W. C. Hewitt, L. S. Keeley, G. C. Shutts, W. H. Cheever, Imogene Bacon.	8	262	79	1	W. C. Hewitt.
Kewaunee....	2	A. M. Olson, M. A. Bussewitz, W. H. Cheever.	7	.....	67	1	W. H. Cheever.
La Crosse....	1	G. L. Bowman, D. O. Kinsman, B. F. Oltman.	10	100	84	2	
Lafayette....	1	O. J. Schuster, P. A. Kolb, R. E. Loveland, E. R. Patterson.	10	125	114	.....
Langlade....	1	A. M. Olson, Winifred Edsall.....	5	70	66	1	H. K. Bassett.
Lincoln.....	1	F. S. Hyer, W. H. Schulz, M. V. Boyce.	5	103	94	1	F. S. Hyer.

7-S-II.

Statistical Tables.

TEACHERS' INSTITUTES, HELD UNDER THE PROVISIONS OF CHAPTER 331, LAWS OF 1895, AND LAWS AMENDATORY THERETO, 1906—Continued.

Counties.	No. of such institutes held.	Names of Conductors.	Total No. of days institute.	Total attendance.	Average daily attendance.	No. of evening lectures.	Names of Lecturers.
Manitowoc ...	3	J. Callahan, A. A. Thomson, F. Christianson, W. C. Hewitt, G. C. Shutts.	10	118	90	1	J. F. Sims.
Marathon	2	F. S. Hyer, S. B. Tobey, W. H. Hickok, J. F. Sims.	11	184	137	W. C. Barclay, Elizabeth King.
Marinette	1	A. H. Sage, W. H. Hickok, A. M. Olson.	5	84	83	.....
Marquette....	2	F. S. Hyer, G. C. Shutts, G. H. Landgraf.	12	74	69	2	
Milwaukee ...	3	W. H. Cheever, C. E. Patzer, M. A. Bussewitz, C. McKenny, Jones, E. I. Harney.	7	95	88	.....
Monroe.....	1	A. A. Thomson, C. M. Sanford, S. M. Thomas, Julia Krouse.	10	146	121	.....
Oconto.....	1	W. H. Cheever, W. H. Hickok, A. M. Royce, C. B. Stanley.	10	113	94	.....
Oneida.....	1	G. C. Shutts, M. Mortenson.....	5	60	51	.....
Outagamie....	3	W. H. Cheever, F. S. Hyer.....	4	275	.....	.....
Pepin.....	1	Geo. Works, Elizabeth McCormick..	10	45	39	.....
Pierce.....	1	H. L. Wilson, D. L. Hennessey, H. A. Schofield, W. A. Clark, Abbie Terpening.	10	.....	107	.....
Polk.....	1	V. E. McCaskill, W. F. Lusk, Geo. A. Works.	10	75	62	.....
Portage.....	1	M. H. Jackson, W. H. Luehr, F. K. Sechrist.	10	1	John F. Sims.

Statistical Tables.

Price.....	1	W. C. Hewitt, F. K. Sechrist.....	5	63	56	.....
Racine.....	2	Geo. A. Works, W. F. Sell, Thos. Gentle, W. H. Cheever.	12	80	72	2	Thos. H. Gentle, W. H. Cheever.
Richland.....	1	G. C. Shutts, J. F. Sims, G. E. Pratt, Nellie M. Wightman.	5	110	100	1	Geo. B. Bergen.
Rock.....	2	V. E. McCaskill, F. E. Converse, J. H. Stauff, H. C. Fuell, O. J. Schuster, F. Christianson, F. J. Lowth, Ida Smith, Janet Cody.	20	307	282	.....
Rusk.....	1	H. L. Wilson, Chester W. Smith....	10	55	50	2	H. L. Wilson, Elizabeth King.
St. Croix.....	1	V. E. McCaskill, W. A. Clark, G. W. Swartz.	10	197	146	1	V. E. McCaskill.
Sauk.....	3	J. W. Livingston, W. P. Roseman, W. T. Anderson, G. C. Shutts, W. H. Cheever, Annie Reynolds, Roy Brandt.	12	267	142	2	J. W. Livingston, W. P. Roseman, W. H. Cheever.
Sawyer.....	2	L. W. Wood, V. E. McCaskill.....	2	70	68	1	V. E. McCaskill.
Shawano.....	5	A. M. Olsen, E. M. Beeman, M. H. Jackson, Jno. Callahan, G. C. Shutts, W. H. Cheever.	13	219	215	.....
Sheboygan...	6	C. McKenny, T. Lloyd Jones, C. E. Patzer, J. J. Eoright, Hattie Goessling, F. E. Mitchell.	11	391	362	1	Margaret Rice.
Taylor.....	2	F. S. Hyer, H. A. Snowdon.....	10	88	80	.....
Trempealeau..	1	G. O. Banting, H. Almy, D. L. Hennessey.	10	114	101	1	G. B. Bergen.
Vernon.....	2	J. F. Sims, M. H. Jackson, D. O. Kirsman, P. A. Kolb, C. E. Smith, T. E. Bray, Mattie Dockery.	12	231	...	1	J. F. Sims.
Washburn....	1	H. L. Wilson, D. C. Gile.....	10	67	54	.....
Washington..	1	H. C. Buell, J. P. Riordan, A. B. West, W. E. Elmer.	5	95	85	.....
Waukesha....	8	W. H. Cheever, G. C. Shutts, F. S. Hyer.	16	192	188	11	G. C. Shutts, F. S. Hyer, W. H. Cheever, Nathaniel Butler.

Statistical Tables.

TEACHERS' INSTITUTES, HELD UNDER THE PROVISIONS OF CHAPTER 331, LAWS OF 1895, AND LAWS AMENDATORY THERETO, 1906—Continued.

Counties.	No. of such institutes held.	Name of Conductors.	Total No. of days institute.	Total attendance.	Average daily attendance.	No. of evening lectures.	Name of Lecturers.
Waupaca.....	2	W. H. Cheever, F. S. Hyer, R. B. Johns, M. H. Jackson, E. T. O'Brien, C. B. Stanley, H. O. Sampson.	12	310	254	5	J. F. Sims, Dr. E. L. Eaton, H. O. Sampson, R. J. O'Hanlon.
Waushara....	1	F. G. Kraege, D. H. Schuler, W. T. Darling.	15	73	56	.....
Winnebago...	1	B. Mack Dresden, E. E. Sheldon, A. W. Trettien.	10	.....	.....	.....
Wood	1	W. C. Hewitt, G. H. Landgraf.....	5	75	62	.....

No institutes were held in Adams, Brown, Clark, Douglas, Iron, Ozaukee, Vilas and Walworth counties.

Statistical Tables.

Statistical Tables.

PRIVATE SCHOOLS, 1906-1907.

COUNTIES— (Exclusive of cities.)	Number of such schools.	TEACHERS.		No. pupils registered who have not attended public school.	PUPILS 7-14.	
		Male.	Female.		Not re- siding in city who attended 20 weeks or more.	Residing in city who attended 32 weeks or more.
Totals.....	417	224	449	13,331	9,695	3,513
Adams.....						
Ashland.....						
Barron.....	3	1	3	5	38	
Bayfield.....	2		4	215	87	
Brown.....	13	3	18	768	489	151
Buffalo.....	3		5	78	39	44
Burnett.....						
Calumet.....	15	4	24	884	548	225
Chippewa.....	3		5	143	49	79
Clark.....	7	6	2	90	44	46
Columbia.....	1	1	5	35		
Crawford.....						
Dane.....	11	1	23	703	469	48
Dodge.....	21	25	13	325	522	202
Door.....	4	1	4	120	83	
Douglas.....						
Dunn.....						
Eau Claire.....	1	1		30	30	
Florence.....						
Fond du Lac.....	21	8	16	805	696	13
Forest.....						
Grant.....	10	4	15	360	220	26
Green.....						
Green Lake.....	6	5	2	236	169	
Iowa.....						
Iron.....	1	1		20	20	
Jackson.....	2		3	21	2	
Jefferson.....	14	9	10	451	129	216
Juneau.....	1	1	1	18		
Kenosha.....	7					
Kewaunee.....	7	2	8	200	69	131
La Crosse.....	3	2	2		145	
Lafayette.....						
Langlade.....	1		2	93	80	
Lincoln.....						
Manitowoc.....	27	14	41	928	395	625
Marathon.....	11	8	12	214	233	
Marinette.....	1		3	106	92	
Marquette.....	5	3	5	45	75	
Marquette.....	26	17	23	1,188	825	198
Milwaukee.....	8	1	13	412	50	262
Monroe.....						
Oconto.....	1	1		8		
Oneida.....						
Outagamie.....	10	5	12	413	353	
Ozaukee.....	22	11	12	513	413	122
Pepin.....						
Pierce.....	2		4	100	64	
Folk.....	4	2	2	1	65	
Portage.....	4	2	10	7	384	
Price.....						
Racine.....	8	4	11	406	125	262
Richland.....	2		3	98	62	

Statistical Tables.

PRIVATE SCHOOLS, 1906-1907—Continued.

COUNTIES— (Exclusive of cities.)	Number of such schools.	TEACHERS.		No. pupils registered who have not attended public school.	PUPILS 7-14.	
		Male.	Female.		Not re- siding in city who attended 20 weeks or more.	Residing in city who attended 32 weeks or more.
Rock	3	2	2	57	47	11
Rusk						
St. Croix						
Sauk	7	5	6	389	77	31
Sawyer						
Shawano	5	4	5	313	206	103
Sheboygan	15	11	5	413	263	145
Taylor	5	2	3	84	23	61
Trempealeau	9	6	17	509	278	
Vernon						
Vilas	3	6	6	276	273	180
Walworth	1	1		4	1	3
Washburn						
Washington	27	12	33	811	726	228
Waukesha	9	5	6	213	183	
Waupaca	22	14	17	101	356	99
Waushara	6	6	16	45	51	2
Winnebago	5	5	4	63	97	
Wood	2	2	13	13		

Statistical Tables.

PRIVATE SCHOOLS, 1906-1907.

CITIES— Under city superintendents.	No. of schools.	TEACHERS.		Pupils 7 to 14 attending 32 weeks or more.
		Male.	Female.	
Totals	224	88	449	18,024
Antigo	2		8	270
Appleton	7	8	27	1,135
Ashland	2		16	524
Baraboo				
Beaver Dam	3	1	7	304
Beloit	2	6		35
Berlin	3	1	7	320
Brodhead				
Chippewa Falls	3		15	643
Columbus	1	2	2	124
DePere	2		6	210
Eau Claire	2		13	
Fond du Lac	7	6	22	506
Grand Rapids	4	4	10	229
Green Bay				
Hudson	1		3	86
Janesville	3	3	12	250
Kaukauna	3	1	18	315
Kenosha				
La Crosse				
Ladysmith	1		1	
Madison	5	8	28	692
Marinette	5	2	19	615
Marshfield	3	1	10	506
Mellen				
Menasha	4	1	17	735
Menomonie	3	2	3	187
Merrill	4	5	12	752
Milwaukee	80			
Mineral Point	1		3	73
Monroe				
Neenah	2	2	1	122
New London	2	1	8	241
Oconomowoc	1	1		
Oconto	3	1	10	489
Onalaska				
Oshkosh	8	9	23	1,717
Peshtigo	1	1		49
Portage	2	2	5	21
Prairie du Chien	5		15	
Racine	5		26	421
Reedsburg	2	2		75
Rhineland	1		6	186
Rice Lake	1		3	71
Ripon				

Statistical Tables.

PRIVATE SCHOOLS, 1906-1907—Continued.

CITIES— Under city superintend- ents.	No. of schools.	TEACHERS.		Pupils 7 to 14 attending 32 weeks or more.
		Male.	Female.	
Sheboygan	10			1,650
South Milwaukee.....	3	1	8	455
Stanley				
Stevens Point	3		12	468
Stoughton				
Sturgeon Bay.....	1		4	135
Superior	4	1	25	874
Tomahawk				
Two Rivers.....	3	1	11	629
Viroqua				
Washburn.....	1	1	4	188
Watertown	5	7	10	788
Waukesha.....	3	2	8	311
Waupaca				
Waupun				
Wausau	5	4	7	623
Wauwatosa.....				
West Allis.....	1		4	
Whitewater.....	1	1		

Statistical Tables.

**ENROLLMENT, DOMESTIC AND PROFESSIONAL STATISTICS
OF DAY SCHOOLS FOR DEAF, 1906-1907.**

Location of schools.	Number enrolled.	Average number of years attended.	No. of congenital deaf.	No. of pupils totally deaf.	No. of pupils who read lips readily.	No. of pupils who read books spontaneously.
Antigo.....	24	1	.....	3	3	15
Appleton.....	9	3.2	5	4	7	2
Ashlund.....	10	3	4	4	8	8
Black River Falls	11	4	6	8	11	3
Bloomington.....	7	1.5	2	1	6	2
Eau Claire.....	25	3.6	7	18	24	7
Fond du Lac.....	15	3.6	4	7	10	14
Green Bay.....	22	4	10	10	15	10
La Crosse.....	6	4	1	.....	6	5
Marinette.....	7	4.6	2	4	7	4
Milwaukee.....	75	4	56	41	73	31
New London.....	9	.9	5	6	5	6
Oshkosh.....	9	3.3	1	2	5	6
Platteville.....	15	1	9	3	10	2
Racine.....	20	2.4	1	3	14	10
Sheboygan.....	13	5	6	5	9	9
Sparta.....	9	4.5	5	7	9	9
Stevens Point.....	12	.9	.....	7	12	12
Superior.....	16	5.7	4	8	15	14
Wausau.....	9	3.6	3	6	6	3
Totals.....	323	2.9	121	87	255	170

Statistical Tables.

ENROLLMENT OF PUPILS IN DEAF SCHOOLS, BY GRADES
FOR YEAR ENDING JUNE 30, 1907.

Location of Schools.	Kinder- garten.	First grade.	Second grade.	Third grade.	Fourth grade.	Fifth grade.	Sixth grade.	Seventh grade.	Eighth grade.	High school.
Antigo.....		11		8	1	1	1			
Appleton.....	4		2	1						
Ashland.....		4	1	1	3	2				
Black River Falls.....		4	1	3		3				
Bloomington.....		6	1							
Eau Claire.....	3	7	6		2	4	3			
Fond du Lac.....		1	3	3	1	2	4	1		
Green Bay.....	3	8	2	4	1	2		2		
La Crosse.....		3				2	1			
Marinette.....	1	2				3		1		
Milwaukee.....		32	8	8	11	4		4	6	
New London.....		5	3		1					
Oshkosh.....		6	2		1					
Platteville.....	12	3								
Racine.....	4	4	4	4		2	2			
Sheboygan.....	2	3	1	2		4				1
Sparta.....	3			3	1	2				
Stevens Point.....	1	5	1	1		1	2		1	
Superior.....		2		5		1		5	1	
Wausau.....	3	3		1	2					
Totals.....	36	109	35	44	26	33	13	13	8	1

*Statistical Tables.*EXPENSES OF DAY SCHOOLS FOR DEAF SHOWN BY ITEM-
IZED STATEMENTS FOR YEAR 1906-1907.

Location of day schools.	Teachers' salaries.	Board.	Books, printing, and stationery.	Fuel.	Janitor.	Miscellaneous.
Antigo.....	\$1,318 25			\$55 00	\$47 50	\$10 77
Appleton.....	850 00					60 00
Ashland.....	1,339 50		43 63	30 00	30 00	12 30
Black River Falls.	867 50	\$617 35		45 00	45 00	6 18
Bloomington.....	800 00		6 60		36 00	6 20
Eau Claire.....	2,406 76	541 00	8 22	100 00	150 00	224 34
Fond du Lac.....	1,425 00	2 50				35 97
Green Bay.....	1,635 00		93 10			
La Crosse.....	749 53		4 25	49 49	75 00	9 41
Marinette.....	700 00	45 00		50 00	92 50	11 34
Milwaukee.....	10,135 26		22 82	273 23	544 52	520 95
New London.....	860 00	110 50			25 00	30 36
Oshkosh.....	850 00					
Platteville.....	1,116 50	174 50				
Racine.....	1,887 50	6 00	7 02		100 00	61 35
Sheboygan.....	1,180 00		3 32			36 88
Sparta.....	990 00			125 00	100 00	27 62
Stevens Point.....	750 00	495 30	4 20	51 50	25 00	2 50
Superior.....	1,918 33					
Wausau.....	765 00		11 24	50 00	50 00	10 00
Totals.....	\$32,574 13	\$1,992 15	\$204 30	\$829 22	\$1,270 52	\$1,066 17

Statistical Tables.

EXPENSES OF DAY SCHOOLS FOR DEAF SHOWN BY ITEM-
 IZED STATEMENTS FOR THE YEAR 1906-1907—Continued.

Location of schools.	Repairs.	Room rent.	Transportation.	Apparatus.	Furniture.	Totals.
Antigo			\$17 20			\$ 1,478 72
Appleton		\$150 00				1,060 00
Ashland						1,454 43
Black River Falls					\$4 00	1,585 03
Bloomington	\$183 10					1,032 10
Eau Claire		50 00	58 00		49 20	3,537 52
Fond du Lac			7 54			1,471 01
Green Bay					65 00	1,793 00
La Crosse					2 00	898 68
Marinette						898 84
Milwaukee			150 48	18 19		11,665 45
New London			31 10		3 50	1,060 46
Oshkosh			3 24		2 80	856 04
Platteville	18 28				8 00	1,317 28
Racine		50 00				2,111 87
Sheboygan						1,220 20
Sparta						1,242 62
Stevens Point				2 75		1,331 25
Superior						1,918 33
Wausau		90 00				976 24
Totals	\$201 58	\$340 00	\$267 56	\$20 94	\$134 50	\$38,901 07

Statistical Tables.

QUALIFICATIONS OF TEACHERS IN THE DAY SCHOOLS FOR THE DEAF, 1906-1907.

Location of schools.	Names of teachers.	Legal qualifications.	Salaries of teachers.	Length of school year in months.
Antigo.....	B'anche E. Argyle	McCowen Training School Dip.	\$828 75	9½
Antigo.....	Ida Ostermeyer...	Milwaukee Training School Dip.	*132 50	9½
Antigo.....	Anna M. Trondson	Milwaukee Training School Dip.	†351 00	9½
Antigo.....	Jennie Humphrey	Special License.....	136 00	9½
Appleton.....	Hannah I Gardner	Milwaukee Training School Dip.	850 00	9
Ashland.....	Margaret Clowery	Milwaukee Training School Dip.	997 50	9½
Ashland.....	Ruby Morris.....	Special License.....	342 00	9½
Black River Falls.....	Mary Zassenhaus.	Milwaukee Training School Dip.	717 50	9
Black River Falls.....	Anna M. Trondson	Milwaukee Training School Dip.	†150 00	9
Bloomington.....	Katharine F. Reed	Milwaukee Training School Dip.	800 00	10
Eau Claire.....	Jennie C. Smith...	Milwaukee Training School Dip.	1,002 50	9½
Eau Claire.....	Mattie B. Gamble.	Milwaukee Training School Dip.	712 50	9½
Eau Claire.....	Katharine Cole...	Milwaukee Training School Dip.	596 38	9½
Eau Claire.....	Helen Tolles.....	Special License.....	95 38	9½
Fond du Lac.....	Anna Sullivan.....	Milwaukee Training School Dip.	765 00	9
Fond du Lac.....	Pearl Tompkins...	Milwaukee Training School Dip.	630 00	9
Fond du Lac.....	E. L. Cuttler.....	Drawing teacher, special license	30 00	9
Green Bay.....	M. Stella Flatley..	Milwaukee Training School Dip.	935 00	10
Green Bay.....	Anna Flatley.....	Milwaukee Training School Dip.	730 00	10
La Crosse.....	Elizabeth H. Irish	Milwaukee Training School Dip.	749 53	10
Marinette.....	Margaret Sullivan	Milwaukee Training School Dip.	700 00	10
Milwaukee.....	Frances Wettstein	Milwaukee Training School Dip.	1,805 49	10
Milwaukee.....	Bettie B. Spencer.	Milwaukee Training School Dip.	1,150 00	10
Milwaukee.....	Sara B. Sorenson.	Milwaukee Training School Dip.	850 00	10
Milwaukee.....	Jane A. Stevenson	Milwaukee Training School Dip.	850 00	10
Milwaukee.....	Mary L. Funk.....	Milwaukee Training School Dip.	819 47	10
Milwaukee.....	Emma Gebhardt...	Milwaukee Training School Dip.	800 00	10
Milwaukee.....	Maude I. Marvin...	Milwaukee Training School Dip.	770 00	10
Milwaukee.....	Clara Kranzusch...	Milwaukee Training School Dip.	847 88	10
Milwaukee.....	Cora Graves.....	Milwaukee Training School Dip.	550 00	10
Milwaukee.....	Leone Kristensen.	Milwaukee Training School Dip.	583 57	10
Milwaukee.....	Helen Balch.....	Milwaukee Training School Dip.	796 00	10
Milwaukee.....	Substitutes.....	.....	232 85	.....
New London.....	Alice Jenkins.....	Milwaukee Training School Dip.	800 03	10
New London.....	Rose Knapstein...	Special License.....	a60 00	10
Oshkosh.....	Anna Nugent.....	Milwaukee Training School Dip.	850 00	9
Platteville.....	Daisy Miuahan...	Milwaukee Training School Dip.	b320 00	10
Platteville.....	Matild Flatley....	Special License.....	c380 00	9
Platteville.....	Lenes Buck.....	Special License.....	416 50	9
Racine.....	Katharine Grimes	Milwaukee Training School Dip.	800 00	10
Racine.....	E. Ellen MacNees	Milwaukee Training School Dip.	700 00	10
Racine.....	Ella Foreman.....	Special License.....	c387 50	10
Sheboygan.....	Etta M. Golden...	Milwaukee Training School Dip.	800 00	10
Sheboygan.....	Evangeline L. Ewen	Special License.....	e320 00	10
Sheboygan.....	Julia Dean.....	Special License..	160 00	10
Sparta.....	Charlotte Shermer	Milwaukee Training School Dip.	990 03	9
Stevens Point.	Carrie H. Archibald.	Milwaukee Training School Dip.	750 00	10
Superior.....	Delia C. Page....	Milwaukee Training School Dip.	1,023 11	9½
Superior.....	Elizabeth Murray	Milwaukee Training School Dip.	895 22	9½
Wausau.....	Margaret Hurley.	Milwaukee Training School Dip.	765 00	9
			\$32,574 13	

* 2½³/₀ Months.
 † 5⁷/₀ Months.
 ‡ 1⁴/₀ Months.
 ¶ 3²/₁ Months.

a 6 Months.
 b 4 Months.
 c 4³/₀ Months.
 d 7⁰/₀ Months.

e 8 Months.
 f 1½ Months.

CENSUS STATISTICS, 1907-1908.

COUNTIES— Exclusive of cities under city super- intendents.	CHILDREN BETWEEN 4 AND 20.			CHILDREN BETWEEN 7 AND 14.				
	Male.	Female.	Total.	No. of such chil- dren.	No. between 7 and 14 not in city who at- tended public school 24 weeks or more.	No. between 7 and 14 in city who at- tended public school 32 weeks or more.	No. between 7 and 14 not in city who at- tended private or parochial school 24 weeks or more.	No. between 7 and 14 in- city who at- tended private or parochial school 32 weeks or more.
Totals.....	247, 219	236, 278	483, 497	237, 141	144, 120	20, 342	17, 387	3, 945
Adams.....	1, 620	1, 516	3, 136	1, 500	944	.....	.....	.....
Ashland.....	1, 481	1, 355	2, 836	1, 481	826	419	53	.....
Barron.....	5, 072	4, 732	9, 804	5, 083	2, 645	598	65	.....
Bayfield.....	2, 000	1, 770	3, 770	2, 125	1, 438	.....	224	196
Brown.....	4, 952	4, 814	9, 766	4, 821	2, 345	182	751	270
Buffalo.....	3, 013	2, 826	5, 839	2, 873	1, 491	553	66	50
Burnett.....	1, 907	1, 739	3, 646	1, 860	938	.....	2	.....
Calumet.....	3, 016	2, 942	5, 958	2, 893	1, 648	195	734	39
Chippewa.....	3, 780	3, 528	7, 308	3, 343	2, 002	116	130	.....
Clark.....	5, 870	5, 606	11, 476	6, 150	4, 473	338	150	57
Columbia.....	3, 922	3, 689	7, 611	3, 734	2, 784	19	32	12
Crawford.....	2, 488	2, 341	4, 829	2, 121	1, 214	3	8	.....
Dane.....	8, 064	7, 690	15, 754	7, 516	4, 596	242	1, 030	46
Dodge.....	6, 182	6, 049	12, 231	5, 672	3, 632	615	981	201
Door.....	2, 941	2, 771	5, 712	2, 741	1, 796	.....	68	.....
Douglas.....	1, 221	1, 128	2, 349	1, 319	935	2	3	1
Dunn.....	4, 068	3, 823	7, 891	3, 663	1, 979	.....	.....	.....

Statistical Tables.

Statistical Tables.

Eau Claire	2,813	2,572	5,385	2,727	1,501	.....	8	15
Florence	652	586	1,238	656	.....	322	.....	.....
Fond du Lac	4,575	4,483	9,058	4,437	3,101	164	720	13
Forest	936	933	1,869	1,107	866	.....	.....	.....
Grant	6,323	6,296	12,619	6,155	3,363	1,422	372	240
Green	2,728	2,416	5,144	2,987	2,145	77	.....	.....
Green Lake	2,020	1,982	4,002	2,049	1,553	.....	324	.....
Iowa	3,380	3,220	6,600	2,848	1,604	.....	123	.....
Iron	1,241	1,346	2,587	1,267	712	1,093	139	79
Jackson	3,375	3,087	6,462	2,943	1,772	231	72	.....
Jefferson	4,504	4,336	8,840	4,117	2,237	1,293	329	258
Juneau	3,544	3,541	7,085	3,340	1,744	465	63	87
Kenosha	1,891	1,817	3,708	1,932	1,296	29	141	.....
Kewaunee	3,146	3,084	6,230	2,958	1,422	431	260	146
La Crosse	2,175	2,115	4,290	2,029	1,530	.....	128	.....
Lafayette	3,462	3,333	6,795	3,422	1,797	474	43	3
Langlade	1,900	1,765	3,665	1,897	1,204	.....	135	.....
Lincoln	1,444	1,422	2,866	1,614	1,273	2	39	.....
Manitowoc	7,054	7,153	14,207	6,633	3,062	1,657	640	448
Marathon	7,682	7,567	15,249	7,146	3,926	45	763	26
Marinette	3,365	3,133	6,498	3,414	2,207	.....	195	.....
Marquette	2,159	2,105	4,264	2,019	1,369	301	30	15
Milwaukee	7,253	6,888	14,141	7,006	3,899	452	1,749	311
Monroe	5,149	4,871	10,020	5,293	2,580	1,337	96	258
Oconto	3,831	3,751	7,582	3,871	2,421	46	21	.....
Oneida	951	915	1,866	1,015	746	.....	5	.....
Outagamie	4,964	4,594	9,558	4,728	2,950	.....	1,400	.....
Ozaukee	3,218	3,070	6,288	3,010	1,376	557	595	330
Pepin	1,456	1,345	2,801	1,331	669	264	.....	.....
Pierce	3,985	3,886	7,871	3,747	2,798	359	92	.....
Polk	4,062	3,815	7,877	3,946	2,438	.....	19	.....
Portage	4,567	4,334	8,901	4,245	2,389	.....	398	.....
Price	2,498	2,343	4,841	2,471	1,363	584	1	2
Racine	2,997	2,877	5,874	2,914	1,495	282	326	214
Richland	3,346	3,192	6,538	3,332	2,175	960	30	.....
Rock	4,237	4,192	8,429	4,276	2,824	862	76	9

CENSUS STATISTICS, 1907-1908—Continued.

COUNTIES— Exclusive of cities under city super- intendents.	CHILDREN BETWEEN 4 AND 20.			CHILDREN BETWEEN 7 AND 14.				
	Male.	Female.	Total.	No. of such child- dren.	No. between 7 and 14 not in city who at- tended public school 24 weeks or more.	No. between 7 and 14 in city who at- tended public school 32 weeks or more.	No. between 7 and 14 not in city who at- tended private or parochial school 24 weeks or more.	No. between 7 and 14 in city who at- tended private or parochial school 32 weeks or more.
Rusk	1,710	1,581	3,291	1,722	1,215	.....	4	.....
St. Croix	4,414	4,291	8,705	4,185	2,990	367	166	85
Sauk	4,143	3,840	7,983	3,932	2,645	143	330	3
Sawyer	997	927	1,924	1,041	816	.....	14	.....
Shawano	5,968	5,669	11,637	5,232	2,971	251	304	.....
Sheboygan	5,069	5,017	10,086	4,947	3,188	505	565	137
Taylor	2,671	2,523	5,194	2,693	2,020	33	74	48
Trempealeau	4,372	4,091	8,463	4,043	2,329	222	300	.....
Vernon	4,916	4,621	9,537	4,484	2,331	.....	47	.....
Vilas	694	722	1,416	750	699	.....	12	.....
Walworth	3,436	3,133	6,569	3,258	2,380	433	1	.....
Washburn	1,589	1,552	3,141	1,725	1,214	.....	.....	.....
Washington	4,219	4,172	8,391	4,013	2,034	579	1,006	213
Waukesha	4,041	3,818	7,859	3,867	2,917	43	136	.....
Waupaca	4,912	4,568	9,480	4,374	2,636	438	197	126
Waushara	3,219	2,953	6,172	3,077	2,321	3	77	1
Winnebago	2,680	2,587	5,267	2,541	2,045	121	124	6
Wood	3,689	3,529	7,218	3,480	1,876	90	445	.....

Statistical Tables.

Statistical Tables.

ENROLLMENT AND ATTENDANCE, 1907-1908.

COUNTIES— Exclusive of cities under city superin- tendents.	ENROLLMENT IN PUBLIC SCHOOLS.				
	Number between 4 and 20.	Under 4.	Over 20.	Total number who have attended public school.	
				Male.	Female.
Totals.	312,338	188	179	159,627	153,777
Adams	2,488	.....	1	1,293	1,206
Ashland	1,157	.....	.....	877	880
Barron	6,701	.....	4	3,453	3,252
Bayfield	2,591	.....	.....	1,348	1,243
Brown	4,713	2	3	2,355	2,363
Buffalo	4,153	10	7	2,147	2,023
Burnett	2,499	.....	2	1,271	1,230
Calumet	2,919	1	.....	1,508	1,412
Chippewa	4,749	1	.....	2,436	2,314
Clark	7,399	2	3	3,730	3,674
Columbia	5,962	.....	1	3,004	2,959
Crawford	3,606	.....	2	1,815	1,793
Dane	9,493	3	18	4,868	4,646
Dodge	6,908	4	3	3,514	3,401
Door	3,496	1	1	1,804	1,694
Douglas	1,655	3	2	836	824
Dunn	5,188	.....	.....	2,660	2,528
Eau Claire	3,840	.....	3	2,005	1,838
Florence	1,007	.....	.....	529	478
Fond du Lac	5,537	.....	.....	2,888	2,649
Forest	1,483	1	.....	717	767
Grant	9,394	4	15	4,701	4,712
Green	3,967	3	3	2,095	1,978
Green Lake	2,390	4	1	1,201	1,194
Iowa	4,876	.....	3	2,514	2,365
Iron	1,996	.....	.....	1,073	923
Jackson	4,438	.....	8	2,298	2,148
Jefferson	5,862	9	3	3,035	2,839
Juneau	5,155	.....	3	2,566	2,592
Kenosha	2,229	.....	.....	1,158	1,071
Kewaunee	3,958	6	1	2,002	1,963
La Crosse	2,680	.....	.....	1,377	1,303
Lafayette	4,930	.....	3	2,469	2,464
Langlade	2,203	.....	2	1,101	1,104
Lincoln	1,916	1	.....	945	972
Manitowoc	8,188	6	.....	4,186	4,008
Marathon	8,602	3	.....	4,255	4,350
Marquette	4,033	2	.....	2,085	1,950

Statistical Tables.

ENROLLMENT AND ATTENDANCE, 1967-1968—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	ENROLLMENT IN PUBLIC SCHOOLS.				
	Number between 4 and 20.	Under 4.	Over 20.	Total number who have attended public school.	
				Male.	Female.
Marquette.....	2,695	.....	.....	1,348	1,347
Milwaukee.....	7,098	4	.....	3,732	3,370
Monroe.....	7,397	2	8	3,751	3,656
Oconto.....	4,836	.....	6	2,455	2,387
Oneida.....	1,303	1	.....	646	657
Outagamie.....	4,766	1	.....	2,515	2,252
Ozaukee.....	3,062	.....	.....	1,602	1,460
Pepin.....	2,045	65	4	1,089	1,025
Pierce.....	5,595	.....	12	2,873	2,734
Polk.....	5,523	.....	4	2,855	2,672
Portage.....	5,080	2	.....	2,525	2,557
Price.....	3,635	2	.....	1,797	1,840
Racine.....	3,351	1	.....	1,751	1,601
Richland.....	5,499	.....	3	2,816	2,686
Rock.....	6,089	5	1	3,071	3,024
Rusk.....	2,355	.....	1	1,184	1,172
St. Croix.....	5,994	.....	4	2,989	3,009
Sauk.....	5,286	2	1	2,737	2,552
Sawyer.....	1,398	7	.....	740	665
Shawano.....	6,966	.....	2	3,531	3,437
Sheboygan.....	5,923	1	2	2,963	2,963
Taylor.....	3,422	.....	.....	1,731	1,691
Trempealeau ..	5,446	13	6	2,724	2,741
Vernon.....	7,160	.....	11	3,724	3,447
Vilas.....	1,177	.....	1	558	620
Walworth.....	4,883	.....	1	2,493	2,391
Washburn.....	2,355	4	1	1,163	1,197
Washington.....	4,339	1	1	2,255	2,086
Waukesha.....	4,774	.....	3	2,454	2,323
Waupaca.....	6,287	3	3	3,198	3,095
Waushara.....	4,557	7	7	2,364	2,207
Winnebago.....	3,499	1	5	1,752	1,753
Wood.....	4,182	.....	.....	2,132	2,050

TEACHERS' CERTIFICATES, 1907-1908.

COUNTIES— Exclusive of cities under city superin- tendents.	CERTIFICATES GRANTED BY COUNTY SUPERINTENDENTS.							Applicants refused certi- ficates.	Limited certificates granted.	Teachers holding state cer- tificates.	NORMAL SCHOOL GRADUATES.		No. who have attended normal school.	No. of graduates from com- mon schools, 1908.
	1st grade.		2d grade.		3d grade.		Total.				Full course.	Ele- mentary course.		
	To men.	To women.	To men.	To women.	To men.	To women.								
Totals	76	465	168	1,452	535	4,821	7,457	2,085	565	1,200	794	334	1,371	4,268
Adams.....				7	11	71	89	25	15					18
Ashland.....	1	6		14	2	46	69	30		11	4	5	20	34
Barron.....										11	10	10	30	162
Bayfield.....	1	8	2	23	3	60	97	6	10	23	14	5	43	23
Brown.....	2	5	4	24	9	76	120	56		6	4	3	22	20
Buffalo.....			4	11	8	25	48	10	4	22	9	6	21	61
Burnett.....			2	27	4	52	85	10	7		6	1	24	30
Calumet.....		4	2	10	14	76	106	23	12	2	3	4	44	35
Chippewa.....		10	1	41		78	130	20	13	10	8	2	8	71
Clark.....	1	3		27	9	82	122	94	10	36	12	20	15	78
Columbia.....		9	5	30	17	146	207	48	36	39	14	7	18	122
Crawford.....	1	8	1	19	6	82	117	77	3	11	4	3	5	29
Dane.....	11	28	2	72	10	147	270	10	2	40	21	6	25	177
Dodge.....	1	8	7	42	12	119	189	40	4	30	16		25	88
Door.....	2		3	3	9	36	53	18	4			5	22	50
Douglas.....	1	7		11		33	52	5	14	10	4	6	55	33
Dunn.....	1	2	7	17	2	69	98	22		12	5	7	17	67
Eau Claire.....		4		23	2	36	65	7	12	10	6	4	3	34

Statistical Tables.

TEACHERS' CERTIFICATES, 1907-1908—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	CERTIFICATES GRANTED BY COUNTY SUPERINTENDENTS.							Applicants refused certifi- cates.	Limited certificates granted.	Teachers holding state cer- tificates.	NORMAL SCHOOL GRADUATES.		No. who have attended normal school.	No. of graduates from com- mon schools, 1908.
	1st grade		2d grade.		3d grade.		Total.				Full course.	Ele- mentary course.		
	To men.	To women.	To men.	To women.	To men.	To women.								
Florence.....	1	2	1	2	1	5	9	2	1	18	9	5	3	8
Fond du Lac.....	1	2	1	35	11	107	157	39	4	21	12	7	37	101
Forest.....	1	10	2	9	1	4	27	5	3	22	6	8	16	7
Grant.....	7	29	5	55	18	143	257	94	49	90	46	4	17	107
Green.....	7	1	1	13	15	121	157	29	...	31	10	5	31	51
Green Lake.....	2	6	4	17	4	20	55	11	1	9	8	1	4	38
Iowa.....	2	2	2	38	5	62	109	105	12	12	20	4	8	100
Iron.....	2	2	1	17	1	10	30	...	...	19	12	...	6	10
Jackson.....	1	6	...	17	6	78	108	21	25	22	4	4	6	22
Jefferson.....	3	4	10	18	18	70	123	17	2	19	15	4	25	152
Juneau.....	1	6	2	38	3	93	143	22	8	37	18	8	3	47
Kenosha.....	1	5	...	12	1	54	72	45	4	5	2	3	21	78
Kewaunee.....	1	...	...	2	16	32	51	20	...	7	6	2	15	50
La Crosse.....	2	7	1	29	2	31	72	9	...	...	4	1	5	48
Lafayette.....	...	...	4	35	10	83	132	40	...	22	14	5	23	55
Langlade.....	2	2	...	13	6	90	111	4	...	2	...	1	6	52
Lincoln.....	2	26	3	24	4	51	110	62	37	...	...	1	7	19
Manitowoc.....	...	3	5	6	19	46	79	11	5	11	30	10	20	138
Marathon.....	1	12	7	27	14	120	181	51	...	16	10	5	11	84
Marinette.....	1	3	2	13	2	43	64	6	6	...	12	6	13	31

Statistical Tables.

Statistical Tables.

Marquette.....	1	1	3	7	2	60	74	12	17	14	11	3	7	10
Milwaukee.....	2	3	....	9	4	24	42	16	14	80	69	3	28	48
Monroe.....	....	6	1	36	10	109	162	18	22	48	34	6	12	50
Oconto.....	1	1	2	11	5	68	88	58	2	10	7	3	27	42
Oneida.....	....	5	....	18	....	39	62	19	3	....	3	2	3	8
Outagamie.....	2	13	3	20	10	91	139	18	4	6	2	3	13	115
Ozaukee.....	....	1	2	5	13	39	60	11	2	24	12	3	27	62
Pepin.....	1	1	2	4	7	43	58	....	3	12	8	1	5	23
Pierce.....	5	7	4	26	6	73	121	41	15	2	17	13	48	54
Polk.....	1	1	2	3	28	3	64	101	11	8	14	1	14	40
Portage.....	1	10	5	37	8	86	147	68	....	10	6	2	60	82
Price.....	1	2	....	4	4	78	89	10	2	19	15	5	6	40
Racine.....	....	5	....	21	3	38	67	13	....	24	21	3	40	80
Richland.....	....	2	8	21	16	57	104	46	2	25	16	4	5	66
Rock.....	1	5	3	23	4	148	184	27	14	18	19	10	53	77
Rusk.....	1	9	2	12	11	47	82	26	26	14	6	6	7	7
St. Croix.....	2	11	7	65	8	60	153	33	17	36	20	6	74	96
Sauk.....	....	6	2	9	3	129	149	41	18	17	13	1	6	93
Sawyer.....	....	3	2	4	4	30	43	3	4	11	1	3	5	6
Shawano.....	1	8	5	22	13	97	146	31	7	5	6	4	25	147
Sheboygan.....	1	4	3	13	20	95	136	83	3	24	7	6	8	83
Taylor.....	1	2	....	20	3	77	103	48	4	....	12	4	35	26
Trempealeau.....	2	20	3	10	7	54	96	30	2	31	7	16	34	54
Vernon.....	1	4	2	13	27	145	192	34	27	11	9	....	2	94
Vilas.....	....	2	2	5	2	12	23	12	4	44	10	3	7	7
Walworth.....	....	10	....	25	1	72	108	33	2	2	25	7	30	100
Washburn.....	....	7	....	30	6	48	91	22	25	9	5	1	24	31
Washington.....	4	....	3	9	23	46	85	9	....	19	11	3	7	79
Waukesha.....	1	4	6	44	6	87	148	29	4	11	....	4	25	119
Waupaca.....	1	7	2	24	11	108	153	117	....	1	20	....	8	121
Waushara.....	....	3	3	29	8	83	126	13	9	3	5	5	6	21
Winnebago.....	....	5	....	21	5	56	87	49	1	9	3	9	48	....
Wood.....	....	....	....	6	7	61	74	10	1	11	2	8	6	57

TEACHERS AND TOWNSHIP LIBRARIES, 1907-1908.

COUNTIES — Exclusive of cities under city superintendents.	TEACHERS.					TOWNSHIP LIBRARIES.			Estimated present value of the library books.
	Teachers employed.			Teachers' average wages per month.		Amount expended during year.	No. volumes purchased during year.	No. volumes now in the library.	
	Male.	Female.	Total.	Male.	Female.				
Totals.....	1,291	9,290	10,581	\$64 27	\$40 81	\$46,765 81	90,286	1,054,964	\$520,192 97
Adams.....	14	120	134	\$36 88	\$30 87	\$312 33	707	8,699	\$4,275 00
Ashland.....	6	58	64	63 94	42 01	252 60	464	3,388	1,438 00
Barron.....	29	191	220	57 70	39 80	997 14	1,542	15,839	9,001 00
Bayfield.....	8	96	104	41 82	45 98	332 58	820	6,653	3,070 00
Brown.....	16	91	107	56 04	38 69	881 05	1,469	21,252	11,332 00
Buffalo.....	28	108	136	63 52	43 06	598 70	1,057	13,126	6,075 00
Burnett.....	8	109	117	46 96	38 60	361 00	746	7,157	3,666 50
Calumet.....	13	81	94	59 73	38 92	617 70	1,156	15,601	8,162 45
Chippewa.....	5	150	155	74 02	37 49	718 35	1,307	15,343	6,398 10
Clark.....	32	219	251	62 08	41 14	1,111 70	2,221	19,178	8,251 00
Columbia.....	28	221	249	63 63	37 47	739 66	1,563	20,973	10,271 00
Crawford.....	12	120	132	60 89	33 35	491 49	788	11,862	6,240 00
Dane.....	34	309	343	62 51	38 22	1,473 67	3,036	35,293	16,607 57
Dodge.....	35	215	250	57 36	36 02	1,152 85	2,277	27,283	13,177 66
Door.....	22	55	77	50 91	44 29	570 13	951	13,425	6,918 72
Douglas.....	3	85	88	51 00	50 45	218 09	453	4,215	1,514 00
Dunn.....	21	133	154	57 29	41 38	756 64	1,220	15,637	6,340 00
Eau Claire.....	9	123	132	67 18	40 29	551 90	1,128	13,891	6,488 00
Florence.....	4	27	31	83 47	52 10	119 58	251	2,888	1,922 06

Statistical Tables.

Fond du Lac.....	21	181	202	57 63	34 31	926 00	2, 206	23, 745	9, 851 35
Forest.....	8	41	49	76 41	50 47	246 90	387	2, 469	1, 813 00
Grant.....	42	334	376	66 32	37 80	1, 218 66	2, 091	25, 497	15, 485 33
Green.....	29	165	194	45 87	35 57	528 80	1, 252	15, 891	7, 238 00
Green Lake.....	15	81	96	50 90	34 92	373 75	823	9, 564	5, 297 50
Iowa.....	21	159	180	91 36	44 64	660 00	1, 182	16, 598	8, 353 21
Iron.....	6	49	55	80 83	55 70	241 40	293	3, 795	3, 788 00
Jackson.....	13	139	152	69 54	48 41	642 44	1, 433	17, 581	7, 404 44
Jefferson.....	27	183	210	65 10	35 27	806 80	2, 485	24, 911	14, 068 00
Juneau.....	13	162	175	82 02	38 56	724 02	1, 434	16, 548	8, 920 40
Kenosha.....	7	70	77	62 61	41 43	341 65	755	5, 801	2, 465 97
Kewaunee.....	34	50	84	52 32	46 63	618 25	889	15, 895	6, 338 00
La Crosse.....	6	85	91	73 33	36 99	419 03	773	12, 329	6, 174 00
Lafayette.....	26	161	187	77 45	46 74	622 84	1, 236	22, 650	9, 532 53
Langlade.....	4	78	82	54 28	38 64	361 11	953	7, 374	3, 285 00
Lincoln.....	7	78	85	43 55	37 30	297 56	649	5, 903	2, 340 00
Manitowoc.....	53	151	204	68 98	47 29	1, 018 03	1, 878	23, 240	12, 452 76
Marathon.....	26	206	232	61 35	39 02	1, 452 72	3, 009	24, 973	11, 401 50
Marinette.....	11	98	109	58 55	43 21	682 30	1, 294	10, 013	8, 221 00
Marquette.....	9	87	96	68 08	33 49	420 30	702	8, 933	4, 769 52
Milwaukee.....	28	134	162	83 16	53 93	1, 308 39	2, 634	22, 436	12, 367 50
Monroe.....	21	212	233	58 39	34 59	966 30	1, 513	19, 748	10, 332 00
Oconto.....	18	101	119	57 64	38 04	717 04	1, 463	13, 872	6, 375 00
Oneida.....	5	69	74	59 23	29 12	182 10	488	3, 029	1, 551 49
Outagamie.....	15	137	152	61 95	34 75	894 84	1, 547	22, 916	11, 909 45
Ozaukee.....	25	66	91	68 60	45 90	606 90	1, 027	14, 152	7, 396 00
Pepin.....	14	50	64	65 00	51 36	272 00	544	6, 697	2, 393 74
Pierce.....	26	171	197	68 67	44 65	751 55	1, 311	19, 775	10, 849 60
Polk.....	20	159	179	64 20	41 35	790 15	1, 493	16, 178	7, 590 78
Portage.....	16	142	158	52 17	33 75	837 49	1, 761	15, 911	6, 766 45
Price.....	12	111	123	72 56	42 97	463 80	867	8, 840	5, 141 87
Racine.....	7	103	110	72 65	43 02	574 06	1, 503	15, 894	9, 056 00
Richland.....	34	171	205	63 20	37 28	557 80	807	11, 930	6, 199 50
Rock.....	18	233	251	76 94	38 51	787 25	1, 553	21, 316	11, 616 05
Rusk.....	20	82	102	56 31	40 01	284 73	647	5, 021	2, 794 00
St. Croix.....	24	181	205	69 86	42 30	939 32	1, 370	16, 745	8, 623 00

Statistical Tables.

TEACHERS AND TOWNSHIP LIBRARIES, 1907-1908.—Continued.

COUNTIES — Exclusive of cities under city superintendents.	TEACHERS.					TOWNSHIP LIBRARIES.			Estimated present value of the library books.
	Teachers employed.			Teachers' average wages per month.		Amount expended during year.	No. volumes purchased during year.	No. volumes now in the library.	
	Male.	Female.	Total.	Male.	Female.				
Sauk	20	202	222	63 40	37 67	840 90	1,529	25,418	9,805 00
Sawyer	11	54	65	67 38	44 65	164 10	314	2,056	1,579 00
Shawano	32	140	172	65 51	38 82	1,143 36	2,071	18,172	9,282 00
Sheboygan	33	140	173	61 30	46 60	918 22	1,715	24,903	10,257 50
Taylor	8	114	122	72 33	41 48	496 90	732	8,934	5,343 00
Trempealeau	20	148	168	63 23	36 88	854 70	1,641	19,994	10,303 80
Vernon	29	195	224	53 39	34 82	935 39	1,723	21,343	9,360 00
Vilas	9	35	44	68 86	48 97	150 45	414	1,564	1,302 00
Walworth	12	182	194	94 62	40 07	706 52	1,283	16,332	9,549 40
Washburn	6	85	91	68 69	39 40	322 38	632	4,748	2,850 67
Washington	36	100	136	61 32	43 36	837 61	1,882	22,743	8,835 00
Waukesha	23	126	149	60 43	39 32	768 00	1,755	22,328	10,604 00
Waupaca	19	174	193	65 41	46 80	982 28	1,785	22,613	11,372 75
Waushara	9	176	185	73 26	36 78	609 81	1,143	14,731	6,647 71
Winnebago	6	110	116	85 92	36 71	511 16	898	14,446	6,246 00
Wood	10	118	128	64 34	37 46	730 59	1,361	14,766	6,628 00

Statistical Tables.

TEACHERS' WAGES CLASSIFIED, 1907-1908.

COUNTIES—Ex- clusive of cities under city su- perintendents.	Less than \$20 per month.		No. teachers who receive not less than \$20 nor more than \$25 per month.		Not less than \$26 nor more than \$30 per month.		Not less than \$31 nor more than \$35 per month.		Not less than \$36 nor more than \$40 per month.		Not less than \$41 nor more than \$45 per month.		Not less than \$46 nor more than \$50 per month.		More than \$50 per month.	
	Male	Fem.	Male.	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
Totals.....	37	19	507	60	1,760	145	2,546	198	1,966	168	1,221	153	625	1,253	573
Adams.....	2	22	7	45	3	40	1	10	.....	1	.....	2	1	.....
Ashland.....	4	.....	32	2	10	.....	12	4	.....
Barron.....	28	6	70	10	38	2	20	3	7	.....	.....
Bayfield.....	1	3	1	35	2	37	1	8	6	15
Brown.....	22	1	17	1	22	1	18	4	6	9	3
Buffalo.....	1	2	18	3	27	4	34	6	10	1	6	12	12
Burnett.....	7	3	51	4	30	.....	12	.....	7	.....	.....	1	2
Calumet.....	16	2	20	3	18	.....	14	1	8	7	5
Chippewa.....	13	.....	92	.....	29	1	10	.....	4	4	2
Clark.....	2	34	6	65	3	64	5	33	2	8	2	7	12	8
Columbia.....	1	12	3	56	5	70	7	38	1	23	.....	16	11	6
Crawford.....	1	30	1	45	2	25	.....	9	3	38	.....	3	5	.....
Dane.....	1	10	4	84	2	86	6	58	3	31	3	22	14	18
Dodge.....	6	4	66	4	60	7	43	5	27	3	8	12	5
Door.....	2	.....	8	3	19	2	14	3	8	11	4
Douglas.....	5	1	20	.....	35	.....	13	2	12
Dunn.....	21	7	45	5	50	.....	15	.....	2	9	.....
Eau Claire.....	6	.....	52	2	50	1	10	.....	1	6	5
Florence.....	4	.....	3	1	5	.....	9	3	6
Fond du Lac.....	7	.....	59	4	57	3	27	4	22	3	6	7	3

Statistical Tables.

TEACHERS' WAGES CLASSIFIED, 1907-1908.

COUNTIES—Ex- clusive of cities under city su- perintendents.	Less than \$20 per month.		No. teachers who receive not less than \$20 nor more than \$25 per month.		Not less than \$26 nor more than \$30 per month.		Not less than \$31 nor more than \$35 per month.		Not less than \$36 nor more than \$40 per month.		Not less than \$41 nor more than \$45 per month.		Not less than \$46 nor more than \$50 per month.		More than \$50 per month.	
	Male	Fem.	Male.	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
Forest.....							1	6		6		9	2	11	5	9
Grant.....				13	11	106	4	98	4	40	2	30	6	15	15	32
Green.....				2		9	4	48	4	54	7	34	5	11	9	7
Green Lake.....		4	4	28	3	25		13	1	6			1	2	6	3
Iowa.....				13	2	60	1	45	3	20	3	12	3	7	9	2
Iron.....									1	9		18		11	5	11
Jackson.....				1	2	28	3	57	3	25		18		5	5	5
Jefferson.....				11		43	8	62	3	30	3	10	2	8	11	19
Juneau.....						52	2	52	1	26	1	12	1	10	8	10
Kenosha.....						5		18		16	1	20		6	6	5
Kewaunee.....			1	1		7	1	14	2	15	7	5	10	3	13	5
La Crosse.....				2		20		28	1	18	1	9	2	3	2	5
Lafayette.....				1		30	1	43	3	47	6	26		4	16	9
Langlade.....						2	1	35		29		8		2	3	2
Lincoln.....						5	3	40	3	21		5		4	1	3
Manitowoc.....		2			2			5	1	27	2	36	8	38	42	43
Marathon.....				12		57	5	71	5	44	4	12	1	6	11	4
Marinette.....								18	4	41	1	15	2	19	4	5
Marquette.....				5		43	3	17	1	10		1	2	7	3	4
Milwaukee.....					1		5		12		16	1	31		69	27
Monroe.....		9	3	67	1	50	3	20		23	1	21		20	13	2
Oconto.....						12		41	5	30	4	9		5	9	4

Statistical Tables.

Statistical Tables.

Oneida					10	21	14	19	2	1	4
Outagamie			3		38	53	28	7	1	4	9
Ozaukee						4	26	24	3	8	18
Pepin					10	16	14	4	1	2	11
Pierce					5	25	70	28	3	25	10
Polk					4	45	59	37	2	7	9
Portage	5	2	50	1	55	23	6	3			6
Price					3	36	32	24	1	11	6
Racine			1		17	17	27	13		15	4
Richland			3		35	65	24	11	1	10	11
Rock	4		38	3	70	61	21	24		13	9
Rusk					1	32	26	21		2	7
St. Croix					3	56	63	23	1	14	12
Sauk					28	82	52	21		8	12
Sawyer						2	15	7	2	10	2
Shawano					6	46	33	32	11	17	11
Sheboygan			1	2	8	11	42	32	4	23	15
Taylor					24	25	26	23	1	11	4
Trempealeau			4		36	34	27	16	2	12	9
Vernon			9	2	52	70	30	28	1	1	6
Vilas							1	13	1	14	5
Walworth	7		41		39	31	25	22		11	17
Washburn					5	33	29	11		3	3
Washington					7	32	19	14	5	10	16
Waukesha			1		7	22	31	31	4	27	11
Waupaca			7		30	70	37	22	1	8	9
Waushara	6	2	54	2	60	25	17	6	1	3	4
Winnebago					35	49	16	6		1	6
Wood			1		19	40	31	7		14	7

ENROLLMENT OF PUPILS CLASSIFIED IN COUNTIES, 1907-1908.

COUNTIES— Exclusive of cities under city superintendents.	No. schools in counties enrolling 5 or less than 5 pupils.	More than 5 and less than 11.	More than 10 and less than 16.	More than 15 and less than 21.	More than 20 and less than 26.	More than 25 and less than 31.	More than 30 and less than 36.	More than 35 and less than 41.	More than 40 and less than 46.	More than 45 and less than 51.	More than 50 and less than 56.	More than 55 and less than 61.	More than 60.
	Totals.....	97	380	701	969	1,156	1,224	1,170	959	880	553	416	272	187
Adams.....		7	18	18	15	13	7	5	3	2			
Ashland.....	5	4	9	7	7	3	9	5	6	4	1	2	
Barron.....		3	4	5	8	24	23	11	31	28	10	6	6
Bayfield.....	3	12	12	16	18	7	9	6	4	5	1	4	1
Brown.....		1	3	2	7	7	13	16	5	10	12	6	10
Buffalo.....			9	4	21	24	18	10	11	8	6	1	1
Burnett.....		5	7	8	14	15	10	8	5	2	9	1	
Calumet.....		7	7	11	8	8	14	5	10	4	3	2	4
Chippewa.....	2	2	12	14	22	22	20	17	17	8	13	5	
Clark.....	1	4	8	9	13	15	22	38	35	13	15	17	6
Columbia.....			12	21	28	32	22	29	19	11	3	3	2
Crawford.....		4	2	10	8	11	9	16	16	14	11	7	8
Dane.....	6	21	26	58	45	54	32	26	19	11	4	5	1
Dodge.....		10	16	33	30	49	26	20	25	8	2	1	
Door.....				5	4	5	4	9	9	11	11	1	8
Douglas.....	5	7	14	17	9	6	5	5	4		1		
Dunn.....			3	7	9	43	38	8	18	3	7	13	6
Eau Claire.....		2	4	5	12	7	20	21	19	3	4	5	3
Florence.....		1	5	3	2	3	6	3		4			

Statistical Tables.

Statistical Tables.

Fond du Lac.....		5	21	25	28	22	34	13	16	10	7	3	2
Forest.....	1	2	3	2	7	2	3	4	4	5	5	3	1
Grant.....	1	9	24	43	44	38	26	37	36	13	12	6	2
Green.....	2	12	33	33	31	16	12	2	1	1	.....	.....	.....
Green Lake.....	1	4	7	8	10	21	15	6	7	4	5	1	.....
Iowa.....	6	32	20	30	32	12	7	13	1	7	7	4	.....
Iron.....	1	.....	4	4	8	1	4	4	8	4	5	2	3
Jackson.....	.....	6	7	13	14	18	17	10	14	4	9	2	.....
Jefferson.....	3	19	42	41	28	21	27	13	10	1	.....	.....	.....
Juneau.....	2	9	15	16	17	24	19	18	7	12	.....	8	.....
Kenosha.....	1	1	7	11	12	7	12	11	6	2	1	1	.....
Kewaunee.....	.....	.....	.....	1	2	1	7	7	11	12	9	7	9
Keweenaw.....	1	2	2	5	11	14	14	10	9	6	4	1	3
La Crosse.....	3	10	21	21	15	15	21	15	10	6	5	4	7
Lafayette.....	7	12	11	2	6	12	11	3	6	2	4	2	4
Langlade.....	.....	4	15	12	20	8	8	5	5	.....	.....	1	1
Lincoln.....	.....	.....	2	6	11	12	19	20	23	23	25	12	9
Manitowoc.....	.....	.....	2	6	11	12	19	20	23	23	25	12	7
Marathon.....	1	2	13	16	26	36	30	22	31	21	9	7	7
Marinette.....	.....	13	10	7	15	7	11	8	12	4	8	13	.....
Marquette.....	.....	2	3	5	10	16	10	12	10	6	3	1	1
Milwaukee.....	.....	.....	1	5	11	14	18	16	23	13	14	12	9
Monroe.....	.....	1	12	17	26	28	36	18	17	16	6	1	1
Oconto.....	3	.....	3	5	9	11	10	18	12	10	10	5	13
Oneida.....	11	16	13	14	4	10	2	.....	.....	.....	.....	.....	.....
Outagamie.....	.....	1	7	9	17	19	26	28	9	12	8	3	3
Ozaukee.....	1	6	10	5	12	16	9	8	6	2	3	1	5
Pepin.....	.....	.....	2	2	9	5	8	13	3	3	3	2	2
Pierce.....	.....	3	5	7	13	9	19	13	11	4	8	5	2
Polk.....	.....	1	8	13	19	10	18	16	16	19	9	5	6
Portage.....	.....	.....	2	5	14	16	18	28	21	7	12	5	3
Price.....	5	5	4	12	11	14	16	11	17	12	3	1	.....
Racine.....	.....	2	6	14	17	9	14	11	9	6	4	3	2
Richland.....	.....	3	4	17	21	25	25	11	12	10	10	5	3
Rock.....	.....	8	23	34	42	26	22	30	12	6	4	3	.....
Rusk.....	2	11	5	13	10	8	9	4	6	3	5	3	1
St. Croix.....	1	2	10	15	22	24	27	15	18	8	10	5	5

ENROLLMENT OF PUPILS CLASSIFIED IN COUNTIES, 1907-1908—Continued.

COUNTIES— Exclusive of cities under city superintendents.	No. schools in counties enrolling 5 or less than 5 pupils.	More than 5 and less than 11.	More than 10 and less than 16.	More than 15 and less than 21.	More than 20 and less than 26.	More than 25 and less than 31.	More than 30 and less than 36.	More than 35 and less than 41.	More than 40 and less than 46.	More than 45 and less than 51.	More than 50 and less than 56.	More than 55 and less than 61.	More than 60
	Sauk.....	4	16	33	33	30	24	25	10	7	5	2	1
Sawyer.....	7	5	6	11	3	3	7	1	1	1	1	1	
Shawano.....	2	3	2	8	12	17	15	22	26	16	18	1	
Sheboygan.....	3	3	9	17	26	20	22	23	20	3	3	3	
Taylor.....	3	15	11	10	14	16	6	9	9	3	3	2	
Trempealeau.....	1	3	3	9	12	31	32	25	20	6	8	1	
Vernon.....	2	6	10	13	30	34	33	30	15	6	3	3	
Vilas.....	1	4	6	5	4	5	7	3	2	2	1	1	
Walworth.....	5	25	30	33	32	21	15	2	2	2	1	1	
Washburn.....	12	11	16	9	7	10	1	3	9	7	1	1	
Washington.....	2	9	12	21	23	16	16	11	7	3	1	3	
Waukesha.....	2	17	17	16	14	17	18	9	12	6	2	2	
Waupaca.....	3	16	21	39	30	18	11	16	5	6	6	4	
Waushara.....	2	4	9	18	26	24	9	22	4	4	5	2	
Winnebago.....	8	13	16	22	18	22	18	10	10	5	3	2	
Wood.....	1	3	7	12	13	18	16	15	11	9	10	3	4

Statistical Tables.

HIGH AND GRADED SCHOOLS, TEACHERS, ETC., 1907-1908.

Counties.	No. free high schools.	No. state graded schools.		No. school districts.	No. schools in county with one department.	Two departments.	Three departments.	Four or more departments.	No. districts furnishing free text books.	No. teachers required when all schools are in session.
		1st class.	2d class.							
Totals	209	175	253	7, 126	6, 466	324	105	285	2, 811	9, 565
Adams	1			87	85		1		9	86
Ashland.....	2	2		46	47	1	1	2	46	67
Barron	3	5	1	133	123	2	5	4	112	174
Bayfield.....	2	3	2	53	62	3	1	3	53	100
Brown				87	77	11		1	25	108
Buffalo.....	3		4	91	82	5		3	26	111
Burnett.....	1		2	74	72	3		1	74	78
Calumet	4	1	1	67	62	3	1	4	9	93
Chippewa	3	1	5	133	124	5	1	3	104	153
Clark	7	4	4	141	131	7		10	107	194
Columbia	6	3	3	146	134	3		9	41	192
Crawford.....	3	2	7	100	93	8	1	2	20	116
Dane	10	6	10	252	216	13	6	9	53	324
Dodge.....	5	3	3	187	179	3	3	5	14	235
Door			5	68	61	7			21	75
Douglas.....		1	4	35	65	7		1	34	67
Dunn		7	4	134	119				100	122
Eau Claire	2	1	2	83	77	2		4	80	180
Florence	1	2	1	15	12	1	1	1	16	32
Fond du Lac	3	2	2	163	159	2	1	4	12	193
Forest	2	3	2	18	21	2	1	4	18	50
Grant	13	4	6	222	202	7	2	11	27	330

Statistical Tables.

HIGH AND GRADED SCHOOLS, TEACHERS, ETC., 1907-1908—Continued.

Counties.	No. free high schools.	No. state graded schools.		No. school districts.	No. schools in county with one department.	Two departments.	Three departments.	Four or more departments.	No. districts furnishing free text books.	No. teachers required when all schools are in session.
		1st class.	2d class.							
Green .....	.....	3	1	126	111	2	.....	4	9	147
Green Lake	3	.....	3	70	65	2	.....	3	7	92
Iowa	7	4	3	132	108	3	2	7	8	165
Iron	1	2	1	15	14	4	2	4	14	55
Jackson	4	2	4	105	86	5	2	3	52	144
Jefferson	6	1	2	139	113	2	1	7	17	212
Juneau	5	1	2	111	104	3	.....	6	23	166
Kenosha	2	.....	6	64	55	6	1	.....	6	73
Kewaunee	2	.....	7	59	48	7	.....	2	3	77
La Crosse	2	.....	4	70	64	4	.....	2	53	87
Lafayette	7	3	1	128	118	2	2	8	6	178
Langlade .....	.....	1	4	75	73	4	1	.....	43	81
Lincoln .....	.....	1	6	66	70	6	1	.....	68	83
Manitowoc	2	2	4	111	98	7	1	9	9	193
Marathon	3	5	4	186	176	6	3	6	141	225
Marinette	1	4	4	69	72	4	2	3	65	108
Marquette	2	1	4	64	57	5	1	2	6	84
Milwaukee	1	13	7	75	47	7	4	11	12	157
Monroe	6	1	4	143	133	7	1	6	60	208
Oconto	1	3	6	89	80	8	1	3	43	114
Oneida	1	3	2	59	49	2	1	2	49	64
Outagamie	2	3	3	122	113	3	3	2	24	145
Ozaukee	2	3	1	59	51	2	3	3	27	84
Pepin	1	1	2	38	35	2	1	2	18	53

Statistical Tables.

Statistical Tables.

Pierce	4	3	5	112	101	5	2	5	46	160
Polk	3	4	3	114	106	3	2	5	103	148
Portage	2	2	5	117	108	5	2	2	53	134
Price	3	3	1	80	71	1	3	3	75	115
Racine	3	2	7	80	65	5	4	3	9	108
Richland	4	1	5	132	100	5	2	3	30	157
Rock	5	2	6	169	158	6	2	5	57	229
Rusk	1	7	1	64	56	1	4	3	64	86
St. Croix	4	7	7	128	108	7	7	13	62	181
Sauk	3	5		162	149	6	3	5	15	198
Sawyer	1	.....	.....	21	38	1	.....	2	21	56
Shawano	4	4	4	115	101	9	2	5	52	156
Sheboygan	4	3	16	119	88	16	2	1	9	170
Taylor	2	2	2	77	83	2	1	3	72	112
Trempealeau	5	3	1	113	106	4	.....	9	53	161
Vernon	3	3	1	156	136	8	1	6	73	202
Vilas	1	3	2	20	19	2	1	3	19	45
Walworth	7	3	3	119	106	3	.....	8	34	211
Washburn	2	1	1	69	68	1	.....	3	57	84
Washington	3	.....	8	97	75	8	.....	4	9	136
Waukesha	3	2	9	115	90	9	1	4	18	151
Waupaca	5	.....	.....	135	119	4	4	5	25	183
Waushara	2	3	4	101	96	7	.....	6	6	137
Winnebago	2	1	1	97	78	4	1	1	16	116
Wood	1	4	2	104	98	4	3	2	69	126

FINANCIAL RECEIPTS, 1907-1908

COUNTIES—Exclusive of cities under city superintendents.	From money on hand June 30, 1907.	From taxes levied at district school meeting.	From taxes levied at annual town meeting.	From taxes levied by county board of supervisors.	From state school fund income.	From all other sources.	Total amount received during the year.
Totals.....	\$1,757,638 10	\$2,396,635 35	\$383,446 99	\$1,053,920 27	\$1,065,500 17	\$915,687 17	\$7,572,828 05
Adams.....	\$7,353 38	\$14,286 40	.....	\$6,826 16	\$6,935 57	\$2,085 57	\$37,487 08
Ashland.....	9,890 35	13,747 16	\$15,450 00	5,711 35	5,211 17	1,952 10	51,962 13
Barron.....	41,365 94	44,574 48	.....	22,594 04	20,884 24	12,240 19	141,658 89
Bayfield.....	50,044 68	6,100 00	38,725 00	6,422 20	8,024 75	4,618 85	113,935 48
Brown.....	25,712 07	11,816 40	.....	20,270 26	21,103 30	7,977 97	86,880 00
Buffalo.....	12,997 97	26,866 62	293 25	16,863 34	11,913 69	4,818 02	73,752 89
Burnett.....	15,270 61	16,442 22	3,050 00	9,315 79	8,052 27	4,887 28	57,018 17
Calumet.....	18,661 01	17,861 25	.....	13,337 73	13,907 88	14,632 97	78,400 84
Chippewa.....	38,141 11	29,476 76	4,210 50	15,153 95	17,292 57	5,271 56	109,546 45
Clark.....	53,893 69	57,203 45	1,396 81	24,518 77	23,269 18	23,832 37	184,114 27
Columbia.....	21,384 60	54,865 19	.....	16,819 78	16,691 20	10,736 47	120,497 24
Crawford.....	16,312 10	20,697 94	700 00	10,689 81	11,605 06	6,627 88	66,632 79
Dane.....	43,163 82	76,649 47	.....	33,042 18	34,406 34	32,544 16	219,805 97
Dodge.....	29,758 02	55,071 26	.....	27,443 23	24,938 74	17,339 98	154,551 23
Door.....	18,253 85	13,653 75	.....	12,621 17	12,374 26	3,516 79	60,419 82
Douglas.....	3,934 16	7,184 61	40,733 56	3,077 59	4,015 56	8,424 52	67,370 00
Dunn.....	21,827 28	35,033 33	.....	17,194 61	17,296 38	8,653 18	100,004 78
Eau Claire.....	19,242 92	29,586 26	100 00	10,617 91	13,790 31	3,260 20	76,597 60
Florence.....	8,947 57	3,658 90	15,400 00	100 00	4,477 46	1,673 80	34,257 73
Fond du Lac.....	26,731 79	35,704 72	.....	20,398 51	20,275 77	12,409 56	115,520 35
Forest.....	19,302 86	.....	44,725 00	2,881 75	4,449 15	51,762 50	123,121 26
Grant.....	47,416 21	89,896 70	.....	27,841 45	28,572 88	29,966 11	223,693 35
Green.....	16,144 57	37,107 77	261 60	12,437 23	11,629 21	3,624 88	81,205 26
Green Lake.....	12,761 18	22,077 08	.....	8,466 19	8,694 41	6,001 11	57,999 97

Statistical Tables.

Iowa.....	13,459 93	48,898 67		14,531 12	14,997 63	10,179 96	102,067 31
Iron.....	26,624 46	11,970 00	20,545 00	13,814 40	7,830 51	14,229 17	95,013 54
Jackson.....	21,704 79	32,644 64	91 32	13,503 09	14,679 09	12,939 71	95,562 64
Jefferson.....	30,080 64	61,763 85	111 10	20,372 63	18,896 75	14,677 48	145,902 45
Juneau.....	46,220 62	37,918 39	6,818 32	14,484 37	16,357 91	20,219 41	142,019 02
Kenosha.....	10,391 97	21,699 96		7,376 74	7,479 36	3,677 15	50,625 18
Kewaunee.....	16,591 41	22,262 14		13,169 16	14,720 02	8,698 91	75,441 64
La Crosse.....	12,538 67	19,161 40		9,924 28	9,918 11	3,553 21	55,095 67
Lafayette.....	20,199 98	54,704 22	100 00	14,927 47	15,578 99	35,102 80	140,613 46
Langlade.....	26,222 63	29,728 89	2,000 00	7,703 77	7,852 21	92,251 31	92,251 81
Lincoln.....	14,210 59	15,891 75	15,245 00	7,603 19	6,304 80	2,799 23	62,054 56
Manitowoc.....	28,923 41	87,003 46		31,033 35	31,632 35	57,637 25	236,229 82
Marathon.....	55,960 94	49,720 47	337 08	31,835 27	33,199 42	19,629 82	190,683 00
Marinette.....	20,167 84	13,391 75	28,560 00	10,640 92	15,575 91	5,433 52	93,769 94
Marquette.....	6,523 53	17,735 02	350 77	8,670 25	9,045 08	14,438 47	56,763 12
Milwaukee.....	77,014 66	83,824 13	185 00	29,332 71	30,661 47	13,357 24	234,375 21
Monroe.....	26,904 42	57,115 37	501 28	19,710 04	22,147 14	21,379 25	147,757 50
Oconto.....	21,991 78	24,613 04	6,101 44	15,649 35	16,267 02	8,380 14	93,002 77
Oneida.....	12,552 92	1,962 32	29,979 00	953 95	5,262 67	1,788 01	52,498 87
Outagamie.....	25,119 97	26,526 79	991 08	19,599 43	20,169 19	10,960 86	103,367 32
Ozaukee.....	12,685 14	26,237 43		13,450 61	14,176 57	7,858 52	74,408 27
Pepin.....	7,503 71	15,233 61		5,855 59	6,989 54	5,977 72	41,560 17
Pierce.....	24,444 06	57,001 32		17,334 99	16,890 39	35,867 47	151,538 23
Polk.....	35,753 90	37,889 74	401 28	17,559 50	17,085 54	14,439 80	123,129 76
Portage.....	37,232 47	19,811 15		18,664 08	19,504 22	8,391 67	103,603 59
Price.....	37,007 07	41,840 21	11,701 50	8,075 15	9,656 49	6,524 45	114,804 87
Racine.....	28,975 68	31,081 84		12,449 31	12,940 96	12,795 93	98,243 72
Richland.....	15,621 17	39,965 90	748 56	15,677 52	15,123 43	9,269 63	96,406 21
Rock.....	38,861 27	74,822 46		21,885 47	16,441 82	13,007 35	165,018 37
Rusk.....	16,911 18	20,534 86	18,060 31	8,195 77	6,088 62	6,726 59	76,517 33
St. Croix.....	24,251 13	51,658 33		20,216 28	18,048 90	27,201 78	141,376 42
Sauk.....	21,687 87	44,859 33		18,499 96	18,151 06	26,148 07	129,346 29
Sawyer.....	2,817 70	6,350 00	33,709 00	2,960 89	4,017 04	2,739 69	52,594 32
Shawano.....	46,883 96	35,928 68		24,654 84	26,294 12	16,569 12	150,330 72
Sheboygan.....	23,254 67	47,343 60	2,453 27	21,632 46	22,996 06	13,592 27	131,272 33
Taylor.....	28,837 97	37,094 31	11,650 00	9,965 01	10,832 65	7,923 87	106,303 81

Statistical Tables.

FINANCIAL RECEIPTS, 1907-1908—Continued.

COUNTIES—Exclusive of cities under city superintendents.	From money on hand June 30, 1907.	From taxes levied at district school meeting.	From taxes levied at annual town meeting.	From taxes levied by county board of supervisors.	From state school fund income.	From all other sources.	Total amount received during the year.
Trempealeau.....	31,833 19	33,756 71	.....	18,284 69	18,903 96	14,606 36	117,384 91
Vernon.....	25,442 85	36,676 09	.....	20,397 99	20,942 34	9,629 48	113,088 75
Vilas.....	9,840 98	.....	21,790 00	9,000 00	4,550 82	2,921 70	48,103 50
Walworth.....	37,328 37	71,676 61	401 28	15,464 00	13,465 67	22,607 93	160,943 86
Washburn.....	19,421 99	26,081 09	4,568 40	7,277 44	6,847 86	11,820 05	76,016 83
Washington.....	14,043 69	31,124 14	401 28	18,698 60	18,444 14	9,281 74	91,993 59
Waukesha.....	16,774 32	45,701 04	300 00	17,135 48	16,235 90	9,458 69	105,605 43
Waupaca.....	30,672 97	41,495 57	300 00	21,295 27	21,877 55	12,411 75	128,053 11
Waushara.....	27,079 80	32,333 70	.....	12,887 56	13,066 80	10,177 14	95,545 00
Winnebago.....	14,767 54	26,599 26	.....	11,531 93	11,769 01	9,958 09	74,625 83
Wood.....	35,786 55	25,440 39	.....	15,389 39	15,771 73	11,096 39	103,484 45

Statistical Tables.

Statistical Tables.

FINANCIAL DISBURSEMENTS, 1907-1908.

COUNTIES— Exclusive of cities under city superin- tendents.	For building and repairing.	For apparatus.	For services of male teachers.	For services of female teachers.	For old indebt- edness.	For school furniture.	For services of districts and sec- taries of town boards of school directors.	For all other purposes.	Total amount paid out during year.	Money on hand June 30, 1908.
Totals.....	\$832,294 05	\$207,705 39	\$639,540 09	\$2,832,399 30	\$252,097 13	\$118,577 56	\$87,220 30	\$1,036,570 73	\$6,006,404 55	\$1,567,419 02
Adams.....	\$1,268 18	\$684 85	\$2,548 40	\$19,846 82	\$1,036 46	\$307 28	\$377 57	\$3,996 68	\$30,276 24	\$7,210 84
Ashland.....	5,414 52	1,531 91	3,325 00	21,346 00	836 66	783 32	374 75	4,579 78	38,791 94	13,170 19
Barron.....	14,134 50	4,809 96	10,646 75	49,924 50	5,371 20	2,219 34	1,469 39	17,636 57	106,412 21	35,246 68
Bayfield.....	11,227 13	1,426 85	3,387 50	34,303 62	9,627 00	1,161 97	1,366 28	17,461 07	80,161 42	33,774 06
Brown.....	9,016 99	2,104 44	7,735 00	30,391 16	639 44	1,804 44	1,160 50	12,914 29	65,826 26	21,063 74
Buffalo.....	4,354 89	2,348 94	11,720 50	30,813 75	1,387 12	1,709 43	864 83	9,232 45	62,481 81	11,301 08
Burnett.....	6,875 52	2,900 52	2,536 00	24,767 35	731 37	464 82	1,028 06	5,664 84	45,018 48	11,989 69
Calumet.....	3,578 81	1,923 49	6,870 00	27,637 00	6,217 61	1,676 12	1,200 80	9,279 22	58,363 05	20,017 49
Chippewa.....	21,047 01	5,430 14	15,087 10	62,022 13	9,623 25	2,336 39	2,039 64	11,250 89	139,872 62	28,673 33
Columbia.....	5,137 62	3,263 04	13,108 00	44,388 40	2,363 85	1,714 11	1,279 22	26,171 28	143,882 32	40,131 35
Crawford.....	10,327 81	3,053 92	3,510 50	28,806 75	4,419 50	1,718 44	1,000 80	16,573 30	39,235 36	21,261 75
Dane.....	17,138 79	3,691 92	15,565 12	63,181 85	2,702 01	2,120 69	2,216 86	6,384 85	169,217 04	50,638 14
Dodge.....	12,653 71	3,444 02	16,980 50	39,156 00	3,456 28	2,228 01	1,291 47	22,841 01	126,617 09	27,272 68
Door.....	6,494 92	2,169 56	9,669 00	23,677 70	392 00	2,389 24	1,538 95	6,456 84	54,300 32	14,976 68
Douglas.....	9,886 95	1,893 59	4,969 00	23,677 70	392 00	2,389 24	1,538 95	6,456 84	54,300 32	14,976 68
Dunn.....	8,960 14	3,314 79	9,032 75	31,301 75	2,445 63	2,992 24	1,279 15	12,452 57	58,445 90	18,151 70
Eau Claire.....	6,100 86	3,074 04	4,837 50	32,398 69	1,694 54	1,372 97	7,374 22	7,928 37	34,536 00	6,430 89
Florence.....	2,649 73	4,402 04	2,880 50	12,479 80	1,044 12	1,043 24	300 82	1,128 08	62,418 83	23,101 52
Fond du Lac.....	1,180 54	2,397 38	3,838 00	51,415 25	7,201 06	1,146 57	1,683 16	21,334 10	96,748 00	34,379 27
Forest.....	47,529 36	1,423 36	4,548 50	40,303 76	2,677 57	4,098 01	1,893 40	33,916 90	182,631 16	41,082 10
Grant.....	18,152 43	6,946 73	29,411 00	60,393 02	2,677 57	4,789 08	8,914 35	8,767 62	67,453 44	13,748 82
Green.....	3,395 27	2,089 37	5,455 50	23,093 76	1,354 76	1,480 06	595 50	8,914 35	47,899 18	10,170 70
Green Lake.....	2,523 65	2,738 45	12,019 00	44,203 59	1,323 50	1,630 19	1,090 46	13,116 53	88,763 18	13,304 15
Iowa.....	28,428 48	2,705 37	4,850 00	23,005 00	1,180 10	1,630 85	9,505 98	9,555 08	70,423 76	24,589 78
Jackson.....	11,689 59	2,511 78	5,890 95	35,239 55	1,109 10	1,840 92	1,238 95	12,028 80	74,659 70	20,902 94

Statistical Tables.

FINANCIAL DISBURSEMENTS, 1907-1908—Continued.

COUNTIES— Exclusive of cities under city superin- tendents.	For building and repairing.	For apparatus.	For services of male teachers.	For services of female teachers.	For old indebt- edness.	For school furniture.	For services of district clerks and secre- taries of town boards of school directors.	For all other purposes.	Total amount paid out during year.	Money on hand June 30, 1908.
Jefferson.....	\$15,556 80	\$4,195 76	\$13,813 00	\$57,001 94	\$4,959 52	\$1,732 01	\$1,891 51	\$19,703 07	\$118,853 61	\$27,048 84
Juneau.....	33,708 29	2,849 00	8,941 00	49,246 05	3,956 04	1,746 59	1,134 87	16,085 40	117,667 24	24,351 78
Kenosha.....	5,681 64	946 04	2,864 50	23,206 25	1,901 81	726 64	397 15	6,614 47	42,338 50	8,286 68
Kewaunee....	11,340 42	3,146 98	15,949 75	17,326 00	2,896 01	2,170 56	953 76	10,427 36	64,210 84	11,230 80
La Crosse....	3,902 00	3,299 11	3,391 75	25,293 75	1,085 21	1,454 37	687 15	5,538 47	44,631 81	10,463 86
Lafayette....	16,399 56	2,266 27	14,852 50	51,572 75	3,776 71	1,683 29	1,101 41	22,919 28	114,571 77	26,041 69
Langlade....	13,867 11	2,590 26	1,900 00	25,755 30	3,906 83	1,144 11	1,073 69	13,999 84	64,237 14	28,014 67
Lincoln.....	8,701 41	4,787 55	2,570 00	21,804 75	996 30	988 35	1,471 81	7,842 67	49,162 84	12,891 72
Manitowoc...	47,250 83	4,853 18	33,872 50	68,713 88	13,053 25	2,431 02	1,858 32	34,151 45	206,184 43	30,045 30
Marathon....	16,078 22	5,338 63	13,065 00	65,764 01	9,727 63	3,024 96	2,664 24	17,786 12	133,448 81	37,234 19
Marquette....	5,458 69	1,565 29	5,680 00	36,556 55	1,559 35	1,808 02	1,693 84	14,007 97	68,329 71	25,440 23
Marquette....	5,555 62	2,720 75	3,915 00	22,929 00	2,094 31	1,310 15	403 16	6,777 15	45,705 14	11,057 98
Milwaukee...	15,930 63	2,004 59	23,702 00	68,655 50	12,032 20	1,285 24	1,834 20	30,982 67	156,427 03	77,948 18
Monroe.....	14,680 27	4,948 66	10,978 50	62,125 99	6,012 27	2,656 25	1,493 02	25,560 29	128,455 25	19,302 25
Oconto.....	10,522 10	2,475 73	8,042 17	32,872 11	4,212 30	1,791 00	1,241 92	12,096 07	73,253 40	19,749 37
Oneida.....	13,370 33	1,561 88	3,080 00	19,555 00	2,225 25	2,506 14	1,455 93	4,922 61	48,677 14	3,821 73
Outagamie...	7,048 77	2,605 33	7,837 00	37,590 90	6,658 31	1,673 80	1,260 96	13,130 10	77,805 17	25,562 15
Ozaukee....	7,730 48	774 70	15,401 00	26,373 25	1,154 50	930 77	513 15	9,929 19	62,807 04	11,601 23
Pepin.....	5,073 22	2,050 64	4,127 50	15,436 00	1,882 88	712 86	417 00	5,066 99	34,767 09	6,793 08
Pierce.....	24,239 60	6,736 12	13,416 08	52,116 15	5,346 86	2,453 78	1,362 75	26,367 61	132,038 95	19,499 28
Polk.....	9,427 47	3,882 82	9,036 75	45,086 90	1,109 12	2,427 96	1,659 00	19,832 22	92,462 24	30,667 52
Portage....	12,494 89	2,135 06	5,790 93	34,570 50	2,641 35	1,766 96	1,222 02	10,096 71	70,718 42	32,885 17
Price.....	19,296 16	3,350 77	7,075 00	38,539 75	207 89	1,538 46	1,209 69	16,141 19	87,358 91	27,445 96
Racine.....	12,600 35	2,170 83	3,817 00	36,612 21	5,679 65	1,687 56	651 10	12,039 92	75,258 62	22,985 10
Richland....	6,569 11	2,261 11	12,025 15	40,366 72	3,556 10	926 45	1,341 05	11,169 24	78,214 93	18,191 28
Rock.....	12,056 91	3,693 62	11,041 30	71,628 24	4,247 95	1,776 78	1,213 30	25,430 22	131,088 32	33,088 32
Rusk.....	9,390 07	3,185 15	7,265 00	24,068 62	1,980 45	1,863 26	1,299 75	12,288 69	61,340 99	15,176 34
St. Croix....	13,639 21	5,364 22	12,593 38	58,375 83	3,126 47	2,747 63	1,843 93	25,747 04	123,437 71	17,938 71
Sauk.....	16,167 69	2,787 75	9,828 00	55,307 65	2,474 50	1,384 48	1,396 20	18,803 49	108,149 76	21,196 53
Sawyer.....	15,014 04	1,761 75	4,481 00	18,376 59	1,109 54	1,874 13	1,441 92	9,530 87	53,589 84	*995 52

Shawano.....	9,224 34	3,423 79	16,903 50	43,216 75	7,258 38	1,882 70	1,601 20	22,135 88	105,646 54	44,684 18
Sheboygan...	12,706 70	3,870 64	16,890 75	51,873 25	4,288 38	1,806 06	1,248 45	17,059 16	109,743 39	21,528 94
Taylor.....	11,160 73	4,445 16	5,136 25	37,153 25	3,463 65	2,262 48	1,788 27	17,928 89	83,338 68	22,965 13
Trempealeau	12,059 87	3,476 50	9,295 00	43,901 50	3,292 12	2,391 16	1,098 51	17,101 50	92,616 16	24,768 75
Vernon.....	10,135 64	4,653 18	10,557 60	48,360 67	2,090 21	2,944 80	1,489 65	13,501 42	93,733 17	19,355 58
Vilas.....	4,797 41	585 86	4,889 75	14,350 00	172 50	1,203 24	847 58	9,890 16	36,736 50	11,367 00
Walworth...	14,003 37	3,408 55	9,929 96	62,520 82	5,739 20	1,683 42	1,005 98	23,140 43	121,431 73	39,512 13
Washburn...	12,382 46	2,574 87	3,160 00	28,414 15	2,045 34	2,516 87	1,198 13	12,724 84	65,016 66	11,000 17
Washington..	4,317 35	2,143 19	18,827 50	36,034 19	1,627 37	1,051 28	858 66	12,471 07	77,330 61	14,662 98
Waukesha...	4,523 59	2,667 24	12,186 70	46,365 00	6,720 91	1,333 31	1,194 95	14,268 96	89,260 66	16,344 77
Waupaca....	10,135 35	1,625 06	9,272 25	52,391 31	3,981 08	1,181 43	1,473 50	18,644 24	98,704 22	29,348 89
Waushara...	14,740 98	1,351 81	4,286 00	40,397 10	5,017 86	888 95	907 76	8,879 71	76,470 17	19,074 83
Winnebago...	5,623 51	1,682 20	4,897 70	33,396 15	2,816 05	1,129 66	1,009 68	12,698 38	63,253 33	11,372 50
Wood.....	9,910 68	2,178 39	5,276 25	36,187 50	5,465 64	1,270 62	1,323 73	10,531 10	72,143 91	31,340 54

* Deficit.

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, 1907-1908.

CITIES.	CHILDREN RESIDING IN CITY.				ENROLLMENT IN SCHOOLS.								
	Number between 4 and 20.			Number between 7 and 14.	Number between 4 and 20 who have attended public schools.			Under 4.	Over 20.	Total number enrolled.	No. between 7 and 14 who attended		Average attendance of all pupils.
	Male.	Female.	Total.		Male.	Female.	Total.				Public school 32 weeks or more.	Private school 32 weeks or more.	
Totals.....	144,707	147,343	292,050	132,053	75,824	76,078	151,902	62	102	152,066	59,271	23,592	120,101
Antigo.....	1,295	1,242	2,537	1,276	800	808	1,608	.....	.....	1,608	845	373	1,275
Appleton.....	2,753	2,859	5,612	2,523	1,316	1,384	2,700	33	3	2,736	1,490	978	2,165
Ashland.....	2,392	2,326	4,718	2,279	1,299	1,229	2,522	.....	1	2,523	1,491	788	1,975
Baraboo.....	731	724	1,455	669	658	698	1,356	.....	1	1,357	.....	.....	1,119
Beaver Dam...	919	953	1,872	855	472	471	943	.....	.....	943	548	305	745
Beloit.....	2,254	2,228	4,482	2,028	1,581	1,671	3,252	.....	4	3,256	1,594	28	2,547
Berlin.....	747	835	1,582	693	412	485	897	2	1	900	436	251	656
Brodhead.....	175	156	331	184	196	164	360	.....	.....	360	190	.....	286
Chippewa Falls	1,666	1,805	3,471	1,776	684	795	1,479	.....	.....	1,479	980	589	1,241
Columbus.....	321	352	673	334	270	266	536	.....	.....	536	265	65	465
De Pere.....	387	458	845	356	118	93	211	.....	.....	211	128	228	192
Eau Claire....	3,411	3,550	6,961	2,908	2,018	1,965	3,983	.....	4	3,987	2,491	408	3,456
Fond du Lac...	2,947	2,999	5,946	3,105	1,660	1,740	3,400	.....	.....	3,400	2,391	438	2,410
Grand Rapids..	1,148	1,112	2,260	1,102	733	712	1,445	8	.....	1,453	1,231	268	1,120
Green Bay.....	3,790	3,921	7,711	3,714	1,792	1,880	3,672	.....	.....	3,672	2,288	1,426	2,887
Hudson.....	426	485	911	412	360	333	693	.....	.....	693	459	118	539
Janesville....	2,020	2,042	4,062	1,810	1,254	1,316	2,570	.....	.....	2,570	1,473	310	2,084
Kaukauna.....	1,048	1,089	2,137	.....	356	363	719	.....	.....	719	.....	580	537

Statistical Tables.

Statistical Tables.

Kenosha.....	2, 675	2, 716	5, 391	2, 700	1, 338	1, 326	2, 664	.....	.....	2, 664	1, 804	867	2, 183
Ladysmith.....	301	285	586	273	257	261	518	.....	2	520	283	.....	378
La Crosse.....	4, 828	5, 110	9, 938	4, 614	2, 331	2, 408	4, 739	.....	4	4, 743	3, 293	833	3, 888
Lake Geneva..	521	501	1, 022	481	444	439	883	.....	2	885	458	3	622
Madison.....	3, 089	3, 087	6, 176	3, 221	1, 848	1, 962	3, 810	.....	7	3, 817	2, 279	759	3, 159
Marinette.....	3, 063	3, 112	6, 175	2, 771	1, 605	1, 679	3, 284	.....	1	3, 285	1, 996	715	2, 743
Marshfield....	1, 076	1, 171	2, 247	1, 038	462	460	922	.....	.....	922	505	533	731
Mellen.....	221	233	454	318	215	243	458	.....	.....	458	292	.....	343
Menasha.....	1, 189	1, 233	2, 422	1, 183	334	387	721	.....	8	729	403	692	586
Menomonie....	896	936	1, 832	1, 024	729	734	1, 463	.....	11	1, 474	711	191	1, 152
Merrill.....	1, 642	1, 699	3, 341	1, 509	879	990	1, 869	.....	3	1, 872	878	704	1, 417
Milwaukee....	54, 741	55, 115	109, 856	47, 101	24, 581	23, 300	47, 881	.....	6	47, 887	.....	.....	37, 150
Mineral Point..	446	476	922	382	311	358	669	.....	8	677	331	99	555
Monroe.....	531	644	1, 175	667	516	603	1, 119	.....	.....	1, 119	670	.....	908
Neenah.....	909	944	1, 853	895	630	671	1, 301	.....	.....	1, 301	784	97	1, 099
New London...	539	539	1, 078	502	277	259	536	.....	3	539	201	301	383
Oconomowoc...	480	472	952	401	385	396	781	.....	.....	781	395	43	655
Oconto.....	1, 091	1, 052	2, 143	1, 063	527	511	1, 038	.....	2	1, 040	537	515	879
Onalaska.....	178	193	371	173	108	73	181	.....	.....	181	166	.....	266
Oshkosh.....	4, 966	5, 173	10, 139	4, 522	2, 378	2, 503	4, 881	.....	.....	4, 881	2, 781	1, 700	3, 807
Peshigo.....	340	397	737	329	264	327	591	.....	.....	591	250	68	457
Portage.....	872	847	1, 719	813	477	547	1, 024	.....	.....	1, 024	443	171	800
Pra. du Chien..	484	470	954	669	266	256	522	.....	3	526	391	191	398
Racine.....	5, 454	5, 638	11, 092	4, 638	2, 897	2, 814	5, 711	.....	4	5, 716	3, 491	1, 136	4, 998
Reedsburg....	411	469	880	348	326	301	625	.....	3	628	308	40	502
Rhinelande...	951	938	1, 889	1, 082	616	670	1, 286	.....	.....	1, 286	796	286	876
Rice Lake.....	572	618	1, 190	678	447	537	984	.....	.....	984	550	133	744
Ripon.....	389	382	771	319	336	332	668	.....	5	673	330	68	544
Sheboygan....	4, 338	4, 377	8, 715	4, 015	2, 033	1, 948	3, 981	.....	.....	3, 981	2, 305	1, 600	3, 021
So. Milwaukee.	928	931	1, 859	894	397	345	742	.....	1	743	413	452	581
Stanley.....	482	426	908	499	419	423	842	.....	.....	842	338	.....	642
Stevens Point..	1, 592	1, 699	3, 291	1, 411	751	790	1, 541	.....	.....	1, 541	674	719	1, 107
Stoughton....	689	690	1, 379	667	613	680	1, 293	.....	1	1, 294	628	.....	997
Sturgeon Bay..	673	680	1, 353	609	406	429	835	.....	1	836	456	140	717
Superior.....	4, 417	4, 453	8, 870	4, 279	3, 304	3, 307	6, 611	.....	6	6, 617	3, 295	751	5, 159
Tomahawk....	463	454	917	389	373	381	754	.....	.....	754	463	.....	570

CITIES UNDER CITY SUPERINTENDENTS, 1907-1908—Continued.

CITIES.	CHILDREN RESIDING IN CITY.				ENROLLMENT IN SCHOOLS.								
	Number between 4 and 20.			Number between 7 and 14.	Number between 4 and 20 who have attended public schools.			Under 4.	Over 20.	Total number enrolled.	No. between 7 and 14 who attended		Average attendance of all pupils.
	Male.	Female.	Total.		Male.	Female.	Total.				Public school 32 weeks or more.	Private school 32 weeks or more.	
Two Rivers....	854	895	1,749	742	312	295	607	.....	.....	607	267	465	424
Viroqua.....	314	298	612	282	286	288	574	.....	2	576	266	.....	503
Washburn....	774	817	1,591	770	543	565	1,108	4	3	1,115	803	354	821
Watertown....	1,732	1,742	3,474	1,671	555	603	1,158	.....	4	1,162	811	669	932
Waukesha....	1,056	1,094	2,150	1,006	652	753	1,405	.....	3	1,408	1,100	241	1,205
Waupaca.....	354	396	750	419	351	367	718	.....	.....	718	302	.....	526
Waupun.....	319	357	676	312	285	310	595	.....	.....	595	.....	.....	465
Wausau.....	2,890	2,975	5,865	2,822	1,696	1,752	3,448	.....	5	3,453	2,202	614	2,785
Wauwatosa....	546	508	1,054	548	395	381	776	.....	2	778	508	133	624
West Allis....	613	618	1,231	639	376	435	811	.....	.....	811	478	156	607
Whitewater....	388	347	735	341	322	306	628	.....	1	629	336	.....	493

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, 1907-1908.

CITIES.	TEACHERS EMPLOYED.			TEACHERS' SALARIES.		CERTIFICATES GRANTED BY CITY SUPERINTENDENTS.										No. Kindergartens maintained in city.
	Male.	Female.	Total.	Average to males.	Average to females.	1st Grade.		2d Grade.		3d Grade.		Total.				
						To males	To females	To males	To females	To males	To females					
Totals and av..	460	3,618	4,078	\$113 76	\$53 69	12	59	.....	122	7	231	431	208		
Antigo	4	38	42	\$121 25	\$55 07	.....	1	.....	1	.....	4	6	6
Appleton	11	85	96	138 12	55 26	.....	2	.....	6	.....	1	9	8
Ashland	9	69	78	91 45	60 21	.....	2	.....	9	.....	.....	11	2
Baraboo	3	34	37	119 60	55 60	.....	.....	.....	.....	.....	.....	.....	3
Beaver Dam ...	1	24	25	140 00	42 70	.....	.....	.....	.....	.....	11	11	.....		
Beloit	6	74	80	126 05	53 60	.....	4	.....	16	.....	3	23	5
Berlin	3	18	21	106 40	46 62	.....	1	.....	.....	.....	.....	1	2
Brodhead	2	11	13	107 22	56 36	.....	.....	.....	.....	.....	.....	.....	.....
Chippewa Falls	9	34	43	97 55	59 80	.....	.....	.....	.....	.....	.....	.....	.....
Columbus	1	14	15	168 42	53 03	.....	1	.....	.....	.....	.....	1	1
De Pere	1	9	10	140 00	56 40	.....	.....	.....	.....	.....	.....	.....	1
Eau Claire	14	99	113	91 03	54 89	.....	.....	.....	1	3	25	29	10
Fond du Lac ..	5	83	88	110 00	57 56	.....	.....	.....	.....	.....	8	8	7
Grand Rapids..	5	30	35	116 22	62 00	.....	.....	.....	1	.....	2	3	4
Green Bay	10	82	92	77 00	57 00	.....	1	.....	6	.....	5	12	.....		
Hudson	3	19	22	91 00	51 23	.....	.....	.....	.....	.....	.....	.....	1
Janesville	7	64	71	111 69	52 53	.....	1	2	3	.....	2	8	4	
Kaukauna	4	19	23	113 00	58 08	.....	.....	3	.....	.....	.....	3	.....		
Kenosha	5	61	66	111 00	52 66	.....	.....	.....	4	.....	6	10	3
Ladysmith	1	12	13	120 00	50 08	.....	.....	1	.....	.....	.....	1	.....		

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, 1907-1808.

CITIES.	TEACHERS EMPLOYED.			TEACHERS' SALARIES.		CERTIFICATES GRANTED BY CITY SUPERINTENDENTS.										No. Kindergartens maintained in city.
	Male.	Female.	Total.	Average to males.	Average to females.	1st Grade.		2d Grade.		3d Grade.		Total.				
						To males	To females	To males	To females	To males	To females					
La Crosse.....	14	117	131	114 64	55 55	.....	.....	.....	6	.....	52	58	.....		
Lake Geneva..	4	24	28	72 50	57 79	.....	2	.....	7	1	7	17	2	
Madison.....	6	101	107	120 72	63 14	.....	3	.....	5	.....	14	22	4
Marinette.....	7	65	72	84 11	54 16	.....	.....	.....	14	.....	5	19	6
Marshfield....	2	23	25	129 60	56 29	.....	.....	.....	.....	.....	.....	.....	1
Mellen.....	3	10	13	79 00	50 00	.....	2	.....	2	.....	.....	4	.....		
Menasha.....	3	23	26	106 14	50 00	.....	1	.....	1	.....	7	9	3
Menomonie....	10	49	59	156 17	73 69	.....	.....	.....	1	.....	5	6	3
Merrill.....	7	42	49	100 00	52 52	.....	6	.....	2	.....	1	9	3
Milwaukee....	131	1,026	1,157	129 19	73 88	.....	.....	.....	.....	.....	.....	.....	52
Mineral Point..	3	15	18	122 22	49 06	.....	.....	.....	.....	.....	.....	.....	2
Monroe.....	3	27	30	103 75	43 70	.....	.....	.....	.....	.....	.....	.....	3
Neenah.....	4	35	39	98 37	50 42	.....	.....	.....	.....	.....	1	1	2
New London....	2	14	16	100 00	53 00	.....	.....	.....	.....	2	.....	2	2
Oconomowoc...	2	20	22	118 00	56 18	.....	.....	.....	.....	.....	1	1	.....		
Oconto.....	5	26	31	97 18	51 70	1	.....	.....	3	.....	4	8	2
Onalaska.....	1	9	10	111 00	44 75	.....	.....	.....	.....	.....	4	4	.....		
Oshkosh.....	19	123	142	114 34	52 08	6	18	.....	.....	.....	.....	24	11
Peshtigo.....	2	14	16	85 50	50 17	.....	.....	.....	.....	.....	.....	.....	.....
Portage.....	1	24	25	170 00	49 48	.....	.....	.....	6	.....	5	11	.....		
Pra. du Chien..	1	13	14	122 22	39 19	.....	.....	.....	.....	.....	2	2	2
Racine.....	19	143	162	108 16	58 68	.....	3	.....	5	.....	16	24	9

Statistical Tables.

Statistical Tables.

SCHOOL LIBRARIES IN CITIES UNDER CITY SUPERINTENDENTS.

Cities.	Number of volumes added during the year.	Whole number of volumes in the library.	Estimated total present value of the school library excluding supplementary readers, dictionaries, and text books.
Totals.....	15, 519	160, 015	\$123, 307 60
Antigo.....	.....	1, 867	1, 600 00
Appleton.....	246	5, 258	5, 030 00
Ashland.....	150	2, 800	2, 500 00
Baraboo.....	75	275	325 00
Beaver Dam.....	321	771	600 00
Beloit.....	375	1, 850	1, 400 00
Berlin.....	31	1, 018	1, 000 00
Brodhead.....	.....	550	800 00
Chippewa Falls.....	125	2, 150	3, 000 00
Columbus.....	50	375	200 00
De Pere.....	50	810	550 00
Eau Claire.....	5, 126	33, 000	21, 000 00
Fond du Lac.....	50	1, 615	1, 500 00
Grand Rapids.....	200	2, 350	2, 800 00
Green Bay.....	800	5, 800	3, 500 00
Hudson.....	100	500	700 00
Janesville.....	100	1, 500	1, 000 00
Kaukauna.....	326	3, 100	1, 950 00
Kenosha.....	200	1, 800	1, 500 00
Ladysmith.....	60	680	450 00
La Crosse.....	500	5, 061	3, 000 00
Lake Geneva.....	139	500	300 00
Madison.....	35	1, 589	2, 228 00
Marinette.....	23	1, 361	1, 585 00
Marshfield.....	114	2, 220	2, 000 00
Mellen.....	150	700	500 00
Menasha.....	92	1, 324	1, 225 00
Menomonie.....	133	3, 823	6, 353 53
Merrill.....	.....	2, 400	2, 000 00
Milwaukee.....	.....	.....	.....
Mineral Point.....	163	1, 026	800 00
Monroe.....	557	7, 142	5, 000 00
Neenah.....	80	1, 273	1, 241 89
New London.....	100	1, 000	800 00
Oconomowoc.....	100	3, 767	2, 500 00
Oconto, (consolidated with public library).....	.....	.....	.....
Onalaska.....	63	869	540 00
Oshkosh.....	622	1, 562	1, 487 11
Peshigo.....	.....	944	550 00
Portage.....	10	856	630 00
Prairie du Chien.....	116	1, 693	1, 257 00

Statistical Tables.

SCHOOL LIBRARIES IN CITIES UNDER CITY SUPERINTENDENTS—Continued.

Cities.	Number of volumes added during the year.	Whole number of volumes in the library.	Estimated total present value of the school library excluding supplementary readers, dictionaries, and text books.
Racine.....	324	6,349	3,805 67
Reedsburg.....	75	850	725 00
Rhinelanders.....	200	2,312	1,900 00
Rice Lake.....	50	950	1,100 00
Ripon.....	50	542	600 00
Sheboygan.....	105	4,210	2,500 00
South Milwaukee.....	70	2,608	950 00
Stanley.....	163	813	500 00
Stevens Point.....	450	3,200	2,700 00
Stoughton.....	83	2,275	1,600 00
Sturgeon Bay.....	91	91	86 40
Superior.....	510	2,831	2,800 00
Tomahawk.....	112	1,260	775 00
Two Rivers.....	5	1,628	1,423 00
Viroqua.....	100	1,650	1,400 00
Washburn.....	350	6,000	2,500 00
Watertown.....	50	1,955	1,040 00
Waukesha.....	350	3,100	3,000 00
Waupaca.....	10	760	1,000 00
Waupun.....	80	3,000	1,100 00
Wausau.....	202	1,597	2,000 00
Wauwautosa.....	302	3,395	2,000 00
West Allis.....	260	680	1,200 00
Whitewater.....	25	780	1,200 00

CITIES UNDER CITY SUPERINTENDENTS—FINANCIAL RECEIPTS, 1907-1908.

Cities.	Amount on hand June 30, 1907.	From taxes for building and repairs.	From taxes for teachers' wages.	From general tax for school purposes.	From taxes levied by county board.	From income of school fund.	From all other sources.	Total.
Totals	\$1,860,883 91	\$365,529 75	\$25,705 62	\$2,419,818 64	\$612,825 32	\$658,792 87	\$505,945 99	\$6,449,502 10
Antigo				\$19,000 00	\$5,090 10	\$5,466 51	\$5,354 10	\$34,910 71
Appleton	\$1,849 77			68,900 00	10,781 63	13,061 00	35,193 48	129,785 88
Ashland	506 86			55,100 00	9,918 11	10,442 32	4,295 32	80,262 61
Baraboo	44,744 84			24,657 00	3,251 17	3,712 37	1,430 09	77,795 47
Beaver Dam	11,805 42			11,000 00	4,059 08	4,806 13	641 23	32,311 86
Beloit	931 89	\$150,430 00		67,393 10	9,872 35	9,872 36	3,660 29	242,159 99
Berlin	7,905 45			9,000 00	3,771 01	3,875 17	10,791 97	35,343 60
Brodhead	2,160 70	5,008 31		6,000 00		401 28	34,467 48	48,037 77
Chippewa Falls . . .	19,844 85			23,727 00	7,500 00	7,517 60	1,410 22	59,999 67
Columbus	3,156 69			9,000 00	1,377 58	1,530 80	983 38	16,048 45
De Pere	4,817 41			5,022 80	1,812 94	1,935 29	741 78	14,330 22
Eau Claire	35,295 35	5,500 00		72,813 50	14,731 00	15,828 58	5,471 01	149,639 44
Fond du Lac	58,190 15			58,000 00	11,921 67	12,739 91	4,438 03	145,289 76
Grand Rapids				30,000 00	4,228 03	4,401 35	55,713 66	94,343 04
Green Bay	4,896 55			39,819 45	15,891 94	17,435 97	6,519 32	84,563 23
Hudson	6,142 71			10,861 17	2,207 15	2,274 66	1,717 13	23,202 82
Janesville	10,525 63	20,000 00		38,000 00	8,670 50	9,224 74	3,407 53	89,828 40
Kaukauna	3,695 10	5,458 31		4,835 58	5,019 35	2,028 49	1,800 00	22,836 83
Kenosha	26,002 34			37,000 00	12,265 26	12,072 00	3,650 54	90,990 14
Ladysmith	737 02			13,000 00		401 28	46 00	14,184 30
La Crosse	47,167 99			82,852 54	21,930 75	23,239 56	1,629 25	176,820 09
Lake Geneva	1,853 69			30,780 00	4,206 74	401 28	15,972 35	53,214 06
Madison	57,257 83			70,000 00	12,760 00	14,349 59	128,960 02	283,327 44

Statistical Tables.

Marinette.....	3,719 42			29,000 00	12,361 70	13,290 23	1,874 90	60,246 25
Marshfield.....	9,971 40			16,500 00	5,198 40	5,078 99	677 78	37,426 57
Mellen.....				7,373 78	531 42	1,400 05	4,773 35	14,078 60
Menasha.....	10,431 04			9,400 00	4,730 21	5,413 77	886 38	39,861 40
Menomonie.....	8,693 93			27,976 95	4,236 70	4,246 64	19,263 67	64,417 89
Merrill.....	1,933 62			17,000 00	7,900 00	7,729 70	566 49	35,129 81
Milwaukee.....	971,064 03	100,000 00		770,000 00	236,397 24	251,445 79	27,739 50	2,356,646 56
Mineral Point.....	6,008 60		401 28	6,500 00	2,267 80	2,123 32	773 50	18,074 59
Monroe.....	591 91			26,240 00	2,627 36	2,747 01	12,417 77	44,624 05
Neenah.....	70,447 84	6,488 20		18,743 68	3,887 17	4,760 27	11,445 64	115,772 80
New London ..	938 98			9,037 54	2,313 64	491 28	6,269 33	19,941 77
Oconomowoc ..	7,441 95	1,500 00	7,600 00	3,900 09	401 28		3,955 72	24,798 95
Oconto.....	26,987 57	5,552 77	7,000 00	3,900 09	4,418 64	4,537 32	3,528 90	55,025 20
Onalaska.....	3,355 21			3,150 00	885 89	862 17	829 04	9,082 31
Oshkosh.....	26,446 60	29,642 78		60,336 35	19,959 04	23,138 66	1,728 62	161,252 05
Peshtigo.....	2,312 65		401 28	7,000 00	1,666 00	1,933 00	296 39	13,609 32
Portage.....				10,000 00	3,905 30	3,932 50	1,027 58	18,865 38
Pr. du Chien..	4,385 63	1,280 00		2,965 07	2,213 65	2,043 88	785 94	13,674 17
Racine.....	45,213 53			124,450 09	22,800 09	24,817 14	7,174 91	224,455 58
Reedsburg.....	7,698 54			9,220 10	1,786 23	2,339 84	934 16	21,978 87
Rhineland.....	13,378 52		401 28	18,000 09		4,152 62	95 65	36,028 07
Rice Lake.....	8,424 35			16,000 00	2,675 01	2,526 89	1,088 66	39,714 91
Ripon.....	754 34			12,497 52	1,141 09	4,058 80	827 60	19,189 35
Sheboygan.....	101,711 08			35,918 57	19,580 64	20,412 29	2,379 72	180,002 30
So. Milwaukee.	8,394 08	4,245 08			3,535 08	4,416 32	741 18	21,331 74
Stanley.....	4,244 87			9,590 00	2,200 09	2,574 54	914 92	19,434 33
Stevens Point..	17,332 48				100 00	9,812 38	40,473 72	67,718 58
Stoughton.....	23,274 92	26,391 30		12,000 00	4,524 95	3,758 37	2,058 98	72,098 52
Sturgeon Bay..	5,935 64	4,033 00		9,600 00	2,729 16	3,065 78	701 50	26,065 08
Superior.....	38,168 61			173,479 00	19,021 81	19,021 81	3,544 18	253,235 41
Tomahawk.....	7,681 09			11,825 00	1,500 09	1,714 79	852 06	23,572 94
Two Rivers.....	5,071 01			13,200 00	3,645 38	4,070 08	583 02	26,574 49
Viroqua.....				13,680 91	1,452 74	1,456 15	3,896 79	20,486 59
Washburn.....	2,595 06			15,500 00	3,667 04	3,370 64	715 08	25,847 82
Watertown.....	13,755 35			11,600 00	7,568 01	8,435 95	614 00	41,973 31
Waukesha.....	16,172 34		401 78	19,000 00	4,477 12	4,723 72	526 30	45,301 26

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS—FINANCIAL RECEIPTS, 1907-1908—Continued.

Cities.	Amount on hand June 30, 1907.	From taxes for building and repairs.	From taxes for teachers' wages.	From general tax for school purposes.	From tax levied by county board.	From income of school fund.	From all other sources.	Total.
Waupaca	3,356 28	.....	.....	7,000 00	1,745 80	1,797 71	2,107 44	16,007 23
Waupun	4,810 90	.....	.....	9,050 00	1,664 52	2,100 29	516 03	18,141 74
Wausau	7,739 97	.....	.....	51,000 00	12,279 05	13,024 24	2,743 53	86,786 79
Wauwatosa ...	7,398 70	.....	.....	11,651 81	2,345 78	2,469 56	1,599 55	25,465 40
West Allis....	11,162 71	.....	9,500 00	7,700 00	2,010 05	2,412 24	1,053 12	33,838 12
Whitewater ...	2,390 92	.....	.....	13,150 22	3,208 06	67 90	2,673 21	21,490 31

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, FINANCIAL DISBURSEMENTS, 1907-1808.

Cities.	For building and repairing.	For apparatus.	For wages of male teachers.	For wages of female teachers.	For old indebtedness.	For school furniture.	For salary clerk of board of education.	For all other purposes.	Total.	Balance on hand June 30, 1908.	Deficit June 30, 1908.
Totals	\$971,993 79	\$24,669 70	\$513,883 90	\$2,104,574 74	\$109,061 64	\$34,651 82	\$12,190 65	\$916,855 68	\$4,687,889 92	\$1,767,752 40	\$3,074 76
Antigo	\$2,171 48	\$200 00	\$4,365 00	\$18,832 50	\$1,167 49	\$100 00	\$125 00	\$8,243 79	\$35,205 26	.....	\$294 55
Appleton.....	4,966 62	608 06	13,449 91	42,530 90	23,707 61	485 39	170 00	37,721 52	123,640 01	\$6,145 87	.....
Ashland	17,624 00	356 25	9,349 55	34,432 20	.....	150 00	180 00	8,604 10	70,756 10	9,506 51	.....
Baraboo	20,103 20	582 81	3,230 00	16,567 00	.....	2,230 36	180 00	10,879 31	53,772 68	24,022 79	.....
Beaver Dam.....	4,026 26	81 71	1,400 00	10,250 00	.....	.....	.....	4,839 75	20,597 72	11,714 14	.....
Beloit	79,511 38	500 00	7,187 50	37,148 42	13,706 72	340 27	200 00	13,954 98	152,549 27	89,610 72	.....
Berlin	2,955 46	50 00	3,032 50	7,784 92	.....	40 62	130 00	9,376 34	23,369 84	11,973 76	.....
Brodhead.....	34,110 28	57 17	1,930 00	4,770 00	.....	933 98	100 00	3,518 06	45,419 49	2,618 28	.....
Chip. Falls.....	4,844 71	.....	8,786 75	19,163 41	.....	4,950 54	150 00	4,256 08	42,154 49	17,845 18	.....
Columbus.....	695 23	33 33	1,600 00	6,802 73	.....	143 60	.....	3,096 58	12,371 47	3,676 98	.....
De Pere.....	476 39	44 01	1,330 00	4,821 25	.....	146 58	50 00	1,918 76	8,786 99	5,543 23	.....
Eau Claire.....	29,472 93	200 00	12,744 25	54,348 98	5,655 27	1,559 45	960 00	28,362 17	133,303 05	16,336 39	.....
Fond du Lac.....	4,500 00	475 00	4,950 00	43,030 73	1,000 00	250 00	.....	13,345 40	67,521 13	77,768 63	.....
Grand Rapids.....	40,969 79	5,000 00	5,229 99	17,100 00	.....	.....	.....	12,420 96	80,720 74	13,622 30	.....
Green Bay.....	6,690 69	292 87	7,700 00	46,627 06	.....	238 70	.....	16,879 03	78,398 35	6,164 88	.....
Hudson.....	711 07	74 64	3,099 96	7,316 46	.....	.....	100 00	4,236 52	15,538 65	7,664 17	.....
Janesville.....	23,837 91	.....	7,427 47	31,632 00	.....	.....	1,000 00	15,289 26	79,246 64	10,581 76	.....
Kaukauna.....	1,250 00	.....	1,900 00	7,942 50	1,844 88	108 31	284 00	4,105 55	17,435 24	5,401 59	.....
Kenosha.....	20,385 38	.....	5,550 00	32,123 75	.....	1,308 85	75 00	11,480 73	70,923 71	20,066 43	.....
Ladysmith.....	4,200 00	50 00	1,080 00	5,404 00	.....	150 00	.....	3,174 59	14,058 59	125 71	.....
La Crosse.....	7,081 74	993 58	15,789 70	65,002 45	.....	999 03	2,300 00	32,849 94	125,016 44	51,803 65	.....
Lake Geneva.....	1,827 17	878 45	2,610 00	12,481 82	20,860 00	490 61	300 00	11,972 32	51,360 37	1,853 69	.....
Madison.....	172,134 20	101 90	9,200 00	58,495 28	.....	763 71	200 00	25,460 09	266,355 18	16,972 26	.....
Marquette.....	3,561 54	1,903 21	7,843 79	31,454 77	.....	1,759 67	200 00	12,497 74	59,220 72	1,025 53	.....
Marshfield.....	1,606 91	68 03	2,462 50	12,285 00	3,094 63	.....	300 00	6,338 58	26,155 62	11,270 95	.....
Mellen.....	991 15	977 14	1,800 00	4,489 50	4,125 00	222 65	50 00	1,827 17	13,786 96	291 64	.....
Menasha.....	2,030 01	32 13	3,025 00	10,907 50	.....	.....	75 00	2,874 53	18,944 17	11,917 23	.....
Menomonie.....	1,878 53	527 94	14,786 45	29,165 19	.....	557 77	.....	17,262 95	64,178 83	239 06	.....
Merrill.....	2,283 17	.....	6,355 00	19,922 97	.....	.....	.....	5,191 38	33,752 52	1,377 29	.....
Milwaukee.....	235,831 81	.....	169,250 00	762,012 72	.....	.....	.....	271,860 26	1,438,954 79	917,691 77	.....
Mineral Point.....	550 33	16 10	3,300 00	6,224 00	1,000 00	121 52	.....	3,811 51	15,423 46	2,651 04	.....
Monroe.....	991 15	258 18	2,490 00	11,798 00	4,659 55	.....	100 00	21,875 02	42,171 90	2,452 15	.....
Neenah.....	60,567 09	1,052 49	3,438 25	16,501 75	7,420 00	4,476 43	75 00	6,923 67	100,454 68	15,318 12	.....
New London.....	5,221 73	93 94	1,785 00	6,492 50	.....	230 01	.....	3,186 09	17,009 27	2,032 50	.....
Oconomowoc.....	2,398 03	82 70	2,250 00	10,675 27	3,511 00	182 70	200 00	3,377 34	22,677 04	2,121 91	.....

Statistical Tables.

CITIES UNDER CITY SUPERINTENDENTS, FINANCIAL DISBURSEMENTS, 1907-1908—Continued.

Cities.	For building and repairing.	For apparatus.	For wages of male teachers.	For wages of female teachers.	For old indebtedness.	For school furniture.	For salary clerk of board of education.	For all other purposes.	Total.	Balance on hand June 30, 1908.	Deficit June 30, 1908.
Oconto.....	27,471.03	412 17	3,863 25	11,904 57	5,552 77	892 16	.....	6,012 92	56,108 87	.....	1,083 67
Onalaska	273 23	137 63	1,000 00	3,322 75	.....	.....	.....	1,066 41	5,800 02	3,282 29	.....
Oshkosh.....	29,642 78	990 01	22,224 88	65,227 51	.....	937 30	.....	23,271 50	142,293 98	18,958 07	.....
Peshigo.....	421 18	200 00	1,539 99	6,322 50	.....	90 00	100 00	1,831 08	10,504 75	3,104 57	.....
Portage.....	417 07	20 30	1,700 00	11,870 00	822 50	16 80	165 00	5,524 81	20,482 48	.....	1,617 16
Pra. du Chien	160 24	125 64	1,175 00	4,585 00	1,280 00	148 23	120 00	1,653 40	9,247 51	4,426 66	.....
Racine.....	1,672 58	309 50	20,550 00	83,920 45	.....	1,416 05	941 05	33,008 35	141,818 58	82,637 00	.....
Reedsburg.....	526 15	357 89	1,725 00	7,644 00	.....	120 35	100 00	2,725 79	13,199 18	8,779 69	.....
Rhineland.....	4,115 61	.....	1,600 00	13,797 57	.....	.....	.....	6,370 44	25,883 62	10,134 45	.....
Rice Lake.....	2,102 44	50 00	2,065 00	11,201 27	.....	225 50	100 00	4,869 03	20,613 24	10,101 67	.....
Ripon.....	628 78	163 90	2,400 00	9,858 00	.....	.....	150 00	3,537 68	16,738 36	2,450 99	.....
Sheboygan.....	15,000 00	1,050 00	18,210 00	51,670 00	1,050 00	250 00	.....	22,682 35	109,912 35	70,089 95	.....
So. Milwaukee	.....	980 56	2,061 96	8,556 16	.....	.....	120 00	4,110 60	15,829 28	5,502 46	.....
Stanley.....	714 98	510 44	3,220 00	7,560 00	.....	.....	.....	3,176 16	15,181 58	4,252 75	.....
Stevens Point	9,349 27	.....	3,650 00	22,557 70	.....	1,263 00	75 00	14,059 81	50,854 78	16,763 80	.....
Stoughton.....	48,604 36	100 00	2,645 00	13,542 50	1,000 00	953 71	100 00	8,128 41	75,073 98	.....	3,065 46
Sturgeon Bay	832 02	176 20	1,650 00	10,075 00	4,033 00	1,674 79	.....	4,625 28	23,066 29	2,998 79	.....
Superior.....	7,771 69	418 14	26,989 91	99,479 58	.....	124 70	1,500 00	54,132 48	190,416 50	62,818 91	.....
Tomahawk.....	250 00	.....	2,670 00	8,752 50	.....	200 00	100 00	4,731 72	16,704 22	6,868 72	.....
Two Rivers.....	494 42	36 06	2,325 00	7,706 24	.....	.....	.....	7,765 56	18,327 28	8,247 21	.....
Viroqua.....	1,707 79	450 66	3,570 00	6,795 00	3,256 50	91 08	75 00	4,620 00	20,566 03	.....	79 44
Washburn.....	1,485 96	1,274 05	3,673 88	11,348 75	.....	319 94	.....	5,747 12	23,849 70	1,998 12	.....
Watertown.....	1,020 85	4 89	3,794 00	14,945 20	.....	76 15	250 00	5,799 13	25,890 22	16,083 09	.....
Waukesha.....	719 80	176 04	3,850 00	15,254 42	.....	.....	250 00	8,743 27	28,993 53	16,307 73	.....
Waupaca.....	360 49	18 04	1,950 00	7,081 25	.....	372 40	150 00	1,872 80	11,804 98	4,202 25	.....
Waupun.....	.....	97 67	2,530 00	7,620 00	.....	.....	50 00	2,986 21	13,283 88	4,857 86	.....
Wausau.....	12,076 19	400 00	12,267 46	43,386 65	382 75	425 06	.....	17,389 77	86,327 88	458 91	.....
Wauwatosa.....	1,114 03	146 76	2,955 00	9,649 39	.....	23 40	100 00	4,133 23	18,121 81	7,343 59	.....
West Allis.....	.....	466 05	1,550 00	11,840 25	.....	1,384 07	240 00	6,008 31	21,488 68	12,349 44	.....
Whitewater.....	1,299 16	35 46	2,750 00	10,070 00	.....	706 38	.....	3,313 99	18,174 99	3,315 32	.....

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	Principal.	Legal qualifications of principal.	Salary of the principal.	No. TEACHERS EMPLOYED.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.
						Male.	Fe-male.	Total.	
Totals and av.			\$1,120 74	412	756	10,034	14,058	24,092	195
Abbotsford	W. S. Bailey	Platteville N. S. Dip.	\$1,000 00	1	2	11	23	34	1
Albany	B. F. Adams	Oshkosh N. S. Dip.	900 00	1	2	26	20	46	.....
Algoma	B. O. Dodge	Unlimited State Cert.	1,200 00	1	2	38	53	91	.....
Alma	C. D. Donaldson	Superior N. S. Dip.	1,000 00	1	1	17	35	52	.....
Alma Center	Edwin L. Green	River Falls N. S. Dip.	800 00	1	1	9	13	22	.....
Almond	E. F. Priest	Stevens Point N. S. Dip.	675 00	1	1	20	11	31	.....
Amery	George De Guire	Oshkosh N. S. Dip.	1,000 00	1	1	15	24	39	.....
Amherst	A. F. Elmgreen	Unlimited State Cert.	799 93	1	1	22	32	54	.....
Antigo	W. H. Hickok	Unlimited State Cert.	1,800 00	4	7	135	156	291	.....
Appleton	Ralph W. Pringle	Harvard College Dip.	2,100 00	6	11	160	186	346	3
Arcadia	Wm. H. Kiekhoefer	Northwestern College Dip.	1,400 00	1	3	41	34	75	3
Argyle	Allen O. White	Univ. of Wisconsin Dip. ..	900 00	2	1	28	33	61	1
Ashland	H. B. Crothers	Monmouth College Dip. ..	1,320 00	3	8	138	183	321	1
Athens	C. E. Hulten	River Falls N. S. Dip.	800 00	1	2	12	17	29	.....
Augusta	L. C. Hatch	Platteville N. S. Dip.	1,200 00	2	3	35	62	97	1
Avoca	P. J. Lynch	Whitewater N. S. Dip.	630 00	1	1	12	12	24	.....
Baldwin	W. H. Fernholz	Stevens Point N. S. Dip. ..	1,035 00	1	2	20	37	57	.....
Bangor	C. H. Bachhuber	Univ. of Wisconsin Dip. ..	1,000 00	1	2	20	19	39	.....
Baraboo	G. W. Gehrand	Univ. of Wisconsin Dip. ..	2,000 00	3	7	102	142	244	1
Barron	Geo. M. Snodgrass	Hamline Univ. Dip.	1,150 00	2	2	36	82	118	.....

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Principal.	Legal qualification of principal.	Salary of the principal.	No. TEACHERS EMPLOYED.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.
						Male.	Fe-male.	Total.	
Bayfield.....	Henry V. Stahl....	Univ. of Wisconsin Dip..	1,500 00	2	2	18	36	54	.....
Beaver Dam.....	John T. Wilson....	Indiana Univ. Dip.....	1,400 00	1	3	54	58	112	.....
Belleville.....	W. N. Steil.....	Platteville N. S. Dip....	1,000 00	1	2	15	25	40	.....
Belmont.....	F. E. Ralph.....	Platteville N. S. Dip....	810 00	2	0	15	32	47	1
Beloit.....	John C. Pierson....	Northwestern Univ. Dip.	1,800 00	5	8	141	260	401	4
Benton.....	F. L. Burns.....	Platteville N. S. Dip....	900 00	2	0	17	21	38	.....
Berlin.....	E. T. O'Brien.....	Univ. of Wisconsin Dip..	1,750 00	2	4	57	67	124	.....
Birnamwood.....	Ulysses T. Cady...	Unlimited State Cert....	765 00	1	1	14	26	40	1
Black Earth.....	Frank B. Green....	Univ. of Wisconsin Dip..	950 00	1	1	24	28	52	1
Black River Falls	D. L. Hennessey...	Univ. of Wisconsin Dip..	1,500 00	2	4	49	106	155	4
Blair.....	O. W. Baird.....	River Falls N. S. Dip....	1,035 00	1	2	39	36	75	1
Blanchardville...	Roy L. Heindell...	Platteville N. S. Dip....	900 00	2	0	21	21	42	2
Bloomer.....	L. A. Simnicht....	Oshkosh N. S. Dip.....	1,000 00	1	1	14	42	56	.....
Bloomington.....	Fred J. Holt.....	Milwaukee N. S. Dip....	855 00	1	3	41	54	95	.....
Boscobel.....	A. L. Rhodes.....	Milwaukee N. S. Dip....	1,200 00	1	3	44	50	94	7.
Boyd.....	Edwin H. Bratberg	River Falls N. S. Dip....	720 00	1	1	8	10	18	.....
Brandon.....	B. Vanderveelde...	Ripon College Dip.....	850 00	1	2	20	23	43	.....
Brillion.....	H. C. Verbeck.....	Oshkosh N. S. Dip.....	900 00	1	1	12	25	37	.....
Brodhead.....	F. A. Harrison.....	Univ. of Wisconsin Dip..	1,300 00	2	2	41	34	75	.....
Burlington.....	J. S. Miller.....	Beloit College Dip.....	1,200 00	1	4	40	73	113	.....
Cadott.....	M. B. Franklin....	Oshkosh N. S. Dip.....	720 00	1	1	15	20	35	.....
Cambria.....	E. A. Reynolds....	Univ. of Wisconsin Dip..	855 00	1	2	21	11	32	1

Statistical Tables.

Cambridge	A. M. Field	Whitewater N. S. Dip	900 00	1	2	18	22	40	.....
Cashton	John L. Dahl	River Falls N. S. Dip	1,100 00	2	1	25	19	44	1
Cassville	W. W. Stewart	Oshkosh N. S. Dip	950 00	1	2	17	25	42	.....
Cedarburg	Arthur H. Bartelt	Univ. of Wisconsin Dip	1,000 00	3	1	34	33	67	.....
Chetek	George M. Paulus	Superior N. S. Dip	765 00	1	1	22	29	51	.....
Chilton	G. M. Morrissey	Unlimited State Cert	1,400 00	1	4	46	52	98	2
Chippewa Falls	J. R. Murphy	Superior N. S. Dip	1,200 00	4	9	99	107	206	.....
Clinton	Frank J. Lowth	Whitewater N. S. Dip	1,200 00	2	1	28	31	59	1
Clintonville	Wm. E. Switzer	Oshkosh N. S. Dip	1,200 00	1	3	39	51	90	2
Cobb	Ralph A. Owen	Northwestern Univ. Dip	855 00	1	2	14	11	25	.....
Colby	Geo. W. Blanchard	Univ. of Wisconsin Dip	900 00	1	2	32	23	55	.....
Columbus	Fred Thomson	Univ. of Wisconsin Dip	1,600 00	1	4	48	50	98	.....
Crandon	L. A. Stroebel	Univ. of Wisconsin Dip	1,050 00	1	3	15	38	53	.....
Cuba City	C. C. Goldthorpe	Platteville N. S. Dip	900 00	1	2	3	26	29	.....
Cumberland	John L. Grindell	Univ. of Wisconsin Dip	1,200 00	1	4	40	60	100	3
Darien	F. O. Bartelt	Whitewater N. S. Dip	810 00	1	1	12	11	23	.....
Darlington	R. E. Loveland	Oberlin College Dip	1,500 00	2	3	43	63	100	.....
Deerfield	F. W. Oldenburg	Oshkosh N. S. Dip	1,000 00	1	2	26	35	61	1
De Forest	E. C. Meland	Univ. of Wisconsin Dip	1,440 00	1	3	42	52	94	.....
Delavan	I. B. Davies	Beloit College Dip	1,500 00	2	3	34	64	98	.....
De Pere	Jno. W. Steenis	Univ. of Wisconsin Dip	1,330 00	1	3	29	31	60	.....
Dodgeville	Calvin G. Babcock	New York N. S. Dip	1,400 00	4	2	73	107	180	9
Durand	Henry G. Parkinson	Univ. of Wisconsin Dip	1,200 00	1	2	31	54	85	1
Eagle River	A. J. Austin	Oshkosh N. S. Dip	1,100 00	1	2	19	28	47	.....
East Troy	W. F. Weisend	Milwaukee N. S. Dip	900 00	1	2	20	36	56	.....
Eau Claire	M. S. Frawley	Univ. of Wisconsin Dip	1,850 00	5	14	256	298	554	4
Edgerton	E. L. Roethe	Univ. of Wisconsin Dip	1,400 00	1	4	47	80	127	1
Elkhorn	John Dixon	Unlimited State Cert	1,300 00	1	6	75	105	180	1
Elroy	W. S. Hake	Whitewater N. S. Dip	1,300 00	2	3	52	71	123	.....
Ellsworth	J. H. Ames	Stevens Point N. S. Dip	1,200 00	1	5	57	88	145	.....
Evansville	A. H. Sholtz	Whitewater N. S. Dip	1,400 00	2	3	53	75	128	1
Fairchild	Dora B. Thompson	Oshkosh N. S. Dip	1,000 00	.....	2	15	24	39	.....
Fennimore	H. W. Kircher	Univ. of Wisconsin Dip	1,125 00	1	3	40	74	114	.....
Florence	Wm. T. Darling	Milwaukee N. S. Dip	1,300 00	1	3	15	41	56	.....
Fond du Lac	I. O. Hubbard	Stevens Point N. S. Dip	1,500 00	5	10	142	230	372	.....
Fort Atkinson	J. A. Hagemann	Univ. of Wisconsin Dip	1,700 00	3	4	77	86	163	.....

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Principal.	Legal qualification of principal.	Salary of the principal.	No. TEACHERS EMPLOYED.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.
						Male.	Fe-male.	Total.	
Fountain City ...	E. C. Gotham	Oshkosh N. S. Dip	1,200 00	1	1	24	21	45	.....
Fox Lake	Francis P. Nash ..	River Falls N. S. Dip....	950 00	1	2	13	26	39	.....
Galesville	H. C. Almy	River Falls N. S. Dip....	1,250 00	2	2	32	52	84	.....
Glenbeulah.....	J. Herbert Snyder.	Platteville N. S. Dip	675 00	1	1	20	19	39	.....
Glenwood	D. A. Swartz.....	River Falls N. S. Dip ...	1,150 00	2	2	30	62	92	.....
Grand Rapids ...	C. W. Schwede....	Oshkosh N. S. Dip	1,000 00	4	5	98	120	218	3
Grantsburg	C. W. Rand.....	River Falls N. S. Dip....	855 00	1	2	17	35	52	1
Green Bay (east)	Wm. O. Brown....	Oshkosh N. S. Dip	1,600 00	4	8	124	159	283	.....
Green Bay (west)	Chas. F. Cole.....	Lawrence Univ. Dip	1,250 00	3	6	81	94	175	.....
Green Lake	George B. Mortimer	Oshkosh N. S. Dip.....	765 00	2	1	11	18	29	.....
Greenwood	M. R. Stanley.....	Univ. of Wisconsin Dip..	1,000 00	1	2	21	42	63	.....
Hammond	Agnes M. Baker. ...	River Falls N. S. Dip....	675 00	1	1	23	40	63	2
Hartford	W. E. Elmer.....	Univ. of Wisconsin Dip..	1,400 00	1	5	76	88	164	.....
Hayward	Merl M. Ames.....	Stevens Point N. S. Dip..	1,435 00	2	2	29	40	69	.....
Hazel Green	Alvin B. Olson	Platteville N. S. Dip	810 00	1	1	18	14	32	.....
Highland	Henry C. Haecker..	Univ. of Wisconsin Dip..	1,000 00	1	1	12	19	31	1
Hillsboro.....	F. B. Polley	Stevens Point N. S. Dip..	1,125 00	1	2	24	26	50	.....
Hixton.....	Robert Lohrie.....	Unlimited State Cert ...	1,000 00	1	1	20	31	51	2
Horicon.....	Fred. W. Hein	Whitewater N. S. Dip ...	1,300 00	1	3	45	37	82	1
Hortonville.....	E. C. Heffernan ...	Platteville N. S. Dip	810 00	1	1	25	26	51	.....
Hudson	M. L. Kephart	Univ. of Iowa Dip	1,200 00	2	5	98	104	202	.....
Humbird.....	Henry J. Steeps....	Lawrence Univ. Dip	720 00	1	1	6	12	18	.....

Statistical Tables.

Statistical Tables.

Hurley.....	J. E. Murphy.....	Univ. of Michigan Dip ..	700 00	3	4	43	41	84	.....
Independence ...	Wm. Segerstrom ..	River Falls N. S. Dip.....	742 50	1	1	13	15	28	.....
Iola.....	Oscar Gunderson ..	Unlimited State Cert	810 00	1	2	17	22	39	.....
Iron River	W. R. Rood.....	Milton College Dip	1,125 00	1	9	15	16	31	1
Janesville	H. C. Buell	Milwaukee N. S. Dip.....	2,200 09	7	7	152	252	404	.....
Johnson Creek ..	Gilbert E. Brereton	Platteville N. S. Dip	799 09	1	1	13	11	24	2
Jefferson	F. R. Hamilton....	Oshkosh N. S. Dip	1,500 00	2	2	45	48	93	.....
Juneau	Oscar M. Bauer	Univ. of Wisconsin Dip..	1,000 00	1	2	30	39	69	.....
Kaukauna	L. E. Sargent.....	Oshkosh N. S. Dip	1,400 00	2	4	51	79	130	.....
Kendall	T. M. Risk.....	Stevens Point N. S. Dip..	720 00	1	1	16	26	42	.....
Kenosha	W. J. Hocking	Univ. of Wisconsin Dip..	1,500 00	3	7	100	160	260	.....
Kewaskum	J. F. Cavanaugh...	Milwaukee N. S. Dip....	1,000 00	1	1	14	28	42	.....
Kewaunee	H. M. Comins.....	Univ. of Michigan Dip....	1,200 00	2	1	52	29	81	.....
Kiel	F. H. Rehberg.....	Univ. of Wisconsin Dip..	1,000 00	2	2	23	23	46	.....
Ladysmith	Chas. J. McCormick	Platteville N. S. Dip	1,170 09	1	3	19	39	58	2
La Farge.....	Frank C. Bray.....	Platteville N. S. Dip	1,075 00	2	1	28	28	56	.....
Lake Geneva....	W. J. Scott.....	Univ. of Indiana Dip....	720 09	2	3	66	90	156	2
Lake Mills	O. M. Jones.....	Platteville N. S. Dip.....	1,300 09	1	13	49	58	107	.....
Lancaster	C. E. Slothower....	Platteville N. S. Dip.....	1,600 00	1	5	51	108	159	8
Linden.....	H. U. Baker.....	Platteville N. S. Dip.....	765 09	1	2	18	21	39	.....
Lodi	S. M. Thomas	Univ. of Wisconsin Dip ..	1,300 00	2	3	54	65	119	.....
Lone Rock	P. P. Patterson....	Milwaukee N. S. Dip.....	720 00	1	1	10	17	27	.....
Loyal	Henry G. Hotz	Oshkosh N. S. Dip	810 00	1	2	15	39	54	.....
Manawa	J. H. Hardgrove ..	Oshkosh N. S. Dip	810 09	2	1	22	41	63	1
Manitowoc(South	W. H. Luehr.....	Univ. of Wisconsin Dip..	1,650 00	3	1	33	33	66	.....
Marinette	George H. Gohlke ..	Univ. of Wisconsin Dip..	1,250 00	6	7	139	171	310	1
Marion.....	M. Mortensen.....	Oshkosh N. S. Dip	855 00	1	1	12	20	32	.....
Markesan	E. M. Cox	Whitewater N. S. Dip	900 00	1	2	19	26	45	.....
Marshall	W. C. Harrison....	Stevens Point N. S. Dip ..	1,000 09	1	2	9	26	35	.....
Marshfield	Durant C. Gile.....	Univ. of Wisconsin Dip..	1,750 00	2	5	57	87	144	.....
Mauston	W. W. Clark.....	River Falls N. S. Dip.....	1,000 00	1	4	34	84	118	.....
Mayville	L. S. Keeley	Platteville N. S. Dip	1,400 00	2	3	39	34	73	.....
Mazomanie.....	F. G. Kraege.....	Univ. of Wisconsin Dip ..	1,300 00	1	2	39	53	92	.....
Medford	J. E. Phillips	Stevens Point N. S. Dip ..	1,200 00	1	5	36	82	118	.....
Mellen	W. P. Hagman.....	Oshkosh N. S. Dip	1,090 09	2	1	11	33	44	.....
Melrose	Dan P. Gibson.....	Whitewater N. S. Dip....	810 00	1	1	11	24	35	.....

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Principal.	Legal qualification of principal.	Salary of the principal.	No. TEACHERS EMPLOYED.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.
						Male.	Fe-male.	Total.	
Menasha	John Callahan.....	Unlimited State Cert....	1,800 00	2	5	33	45	78	.....
Menomonee Falls	J. J. Pettijohn.....	Unlimited State Cert....	1,100 00	2	2	45	52	97	2
Merrill	J. H. Baker	Stevens Point N. S. Dip..	1,200 00	3	7	107	174	281	2
Merrillan	Karl Evert	Univ. of Wisconsin Dip..	900 00	1	1	13	20	33	.....
Middleton	Charles A. Jahr. ..	Milwaukee N. S. Dip....	900 00	1	1	15	25	40	.....
Milton	J. F. Whitford	Univ. of Wisconsin Dip..	810 00	1	3	33	36	69	.....
Milton Junction..	R. S. Goodhue.....	Whitewater N. S. Dip....	1,050 00	1	3	16	36	52	.....
Mineral Point....	J. F. Bergen.....	Whitewater N. S. Dip....	1,500 00	3	2	57	85	142	8
Minocqua.....	J. L. Rawson.....	Platteville N. S. Dip....	990 00	1	2	16	20	36	.....
Mondovi	William T. Ream..	Beloit College Dip.....	1,350 00	2	2	35	51	86	1
Monroe.....	E. J. Shives.....	Wooster Univ. Dip.....	1,500 00	2	5	73	117	190	.....
Montello	H. A. Melcher.....	Univ. of Wisconsin Dip..	1,000 00	1	2	11	29	40	.....
Montfort.....	J. P. Goebel.....	Univ. of Wisconsin Dip..	1,000 00	1	2	19	49	68	.....
Mosinee.....	Wenzel Pivernetz..	Stevens Point N. S. Dip..	720 00	1	1	10	10	20	.....
Mt. Hope.....	Emily Corlett.....	Platteville N. S. Dip....	675 00	0	2	9	25	34	.....
Mt. Horeb.....	T. L. Bewick.....	Univ. of Wisconsin Dip..	1,000 00	1	3	48	54	102	1
Mukwonago.	Wm. Fowlie.....	Unlimited State Cert....	950 00	1	2	22	31	53	.....
Muscoda.....	R. M. Orchard.....	Platteville N. S. Dip....	900 00	1	1	14	22	36	.....
Necedah	L. C. Johnson.....	Oshkosh N. S. Dip.....	900 00	1	2	14	37	51	.....
Neenah.....	E. M. Beeman.....	Univ. of Wisconsin Dip..	1,800 00	2	6	59	96	155	.....
Neillsville.	H. A. Scofield.....	Stevens Point N. S. Dip..	1,400 00	1	5	50	77	127	1
New Holstein....	G. A. German.....	Platteville N. S. Dip....	800 00	1	1	18	22	40	.....

Statistical Tables.

Statistical Tables.

New Lisbon.....	A. R. Clifton.....	Univ. of Wisconsin Dip..	1,250 00	1	3	24	31	55	.....
New London.....	E. W. McCrary.....	Lawrence Univ. Dip.....	1,200 00	2	3	50	41	91	3
New Richmond..	C. J. Brewer.....	Unlimited State Cert.....	1,800 00	2	7	116	139	255	.....
North Crandon..	S. W. Brunner.....	Oshkosh N. S. Dip.....	900 00	1	1	5	9	14	.....
Norwalk.....	M. O. Heffernan....	Platteville N. S. Dip.....	675 00	1	1	15	18	33	.....
Oakfield.....	L. G. Curtis.....	Milwaukee N. S. Dip.....	850 00	1	5	22	32	54	.....
Oconomowoc....	Philip A. Kolb.....	Platteville N. S. Dip.....	1,600 00	2	6	74	90	164	.....
Oconto.....	G. F. Loomis.....	Beloit College Dip.....	1,800 00	1	7	66	90	156	4.
Oconto Falls....	A. E. Schaub.....	Univ. of Wisconsin Dip..	1,100 00	1	2	18	30	48	1
Omro.....	E. E. Sheldro.....	Unlimited State Cert.....	1,000 00	2	3	33	69	102	4
Onalaska.....	J. H. Jordan.....	Univ. of Wisconsin Dip..	1,000 00	1	2	25	36	61	.....
Ontario.....	Erskine L. Jay....	Platteville N. S. Dip.....	720 00	1	1	8	16	24	.....
Oregon.....	Richard Zeidler....	Winona N. S. Dip.....	1,000 00	1	2	23	37	60	.....
Osceola.....	W. P. Gaynor.....	Potsdam N. S. Dip.....	675 00	1	2	29	29	58	1
Palmyra.....	J. E. Norris.....	Platteville N. S. Dip.....	900 00	1	2	30	48	78	.....
Pardeeville....	Henry T. Emmett..	Oshkosh N. S. Dip.....	750 00	1	1	19	19	38	.....
Park Falls.....	F. L. Kneip.....	Oshkosh N. S. Dip.....	1,000 00	1	2	14	17	31	.....
Patch Grove....	Clarke W. Jenkins.	Stevens Point N. S. Dip..	765 00	1	1	7	10	17	.....
Pepin.....	Oscar Klang.....	River Falls N. S. Dip....	765 00	1	1	16	21	37	.....
Peshtigo.....	G. M. Murphy.....	Oshkosh N. S. Dip.....	1,000 00	1	2	22	39	61	.....
Pewaukee.....	P. J. Maas.....	Milwaukee N. S. Dip.....	900 00	1	2	17	24	41	.....
Phillips.....	Lewis A. Jones....	Univ. of Wisconsin Dip..	1,125 00	2	3	23	41	64	.....
Pittsville.....	Glen P. Junkman..	River Falls N. S. Dip....	720 00	1	1	8	27	35	.....
Plainfield.....	William Milne....	Milwaukee N. S. Dip.....	1,100 00	1	3	26	23	49	4
Platteville.....	O. E. Gray.....	Platteville N. S. Dip.....	1,500 00	3	3	42	91	133	.....
Plymouth.....	J. J. Enright.....	River Falls N. S. Dip....	1,400 00	3	4	67	101	168	1
Portage.....	W. G. Clough.....	Univ. of Wisconsin Dip..	1,700 00	1	6	86	114	200	1
Potosi.....	Eugene A. Jewett..	Platteville N. S. Dip.....	900 00	1	1	12	24	36	.....
Port Washington	A. A. Blandin.....	Oshkosh N. S. Dip.....	1,500 00	1	2	33	44	77	.....
Poynette.....	J. F. Powers.....	Univ. of Wisconsin Dip..	1,150 00	1	2	33	33	66	.....
Prairie du Chien	W. E. Utendorfer..	Univ. of Wisconsin Dip..	1,175 00	1	2	21	41	62	.....
Prairie du Sac..	R. S. Babington....	Whitewater N. S. Dip....	900 00	1	3	28	40	68	1
Prentice.....	W. F. Headley....	Indiana Univ. Dip.....	1,150 00	1	1	9	12	21	.....
Prescott.....	James Goldsworthy	Univ. of Wisconsin Dip..	1,000 00	1	2	19	23	42	.....
Princeton.....	Roy M. Blackman..	Milwaukee N. S. Dip....	855 00	1	2	14	28	42	.....
Randolph.....	Julius Winden.....	Univ. of Wisconsin Dip..	950 00	1	2	30	29	59	1

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Principal.	Legal qualification of principal.	Salary of the principal.	No. TEACHERS EMPLOYED.		ENROLLMENT IN HIGH SCHOOL.				
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20.	
						Male.	Fe-male.	Total.		
Reedsburg.....	J. B. Baldwin.....	Univ. of Wisconsin Dip..	1,500 00	2	5	57	89	146	3	
Rewey.....	Jesse J. Ruble.....	Platteville N. S. Dip....	675 00	1	1	25	24	49	.....
Rhineland.....	W. B. Collins.....	Univ. of Wisconsin Dip..	1,600 00	1	5	69	102	171	.....
Rib Lake.....	C. J. N. Nelson.....	Lawrence Univ. Dip.....	1,000 00	1	2	18	27	45	.....
Rice Lake.....	Leo G. Schussman.....	Oshkosh N. S. Dip.....	1,300 00	2	4	48	114	162	.....
Richland Center.	G. E. Pratt.....	Univ. of Wisconsin Dip..	1,450 00	2	4	80	105	185	4	
Ripon.....	R. A. Karges.....	Whitewater N. S. Dip....	1,000 00	1	4	49	38	87	5	
River Falls.....	J. W. T. Ames.....	Lawrence Univ. Dip.....	1,650 00	2	4	92	59	151	8	
Rosendale.....	Fred. L. Witter.....	Beloit College Dip.....	900 00	1	1	23	23	46	.....
Sauk City.....	M. T. Buckley.....	Oshkosh N. S. Dip.....	1,000 00	2	1	16	22	38	.....
Seneca.....	Z. B. Wallin.....	Platteville N. S. Dip....	810 00	1	2	22	33	55	2	
Sextonville.....	Thos. A. Nee.....	Platteville N. S. Dip....	800 00	1	1	15	19	34	3	
Seymour.....	F. W. Axley.....	Oshkosh N. S. Dip.....	1,000 00	2	1	33	29	62	3	
Sharon.....	B. D. Richardson..	Univ. of Wisconsin Dip..	1,050 00	2	3	21	38	59	.....
Shawano.....	D. K. Allen.....	Oshkosh N. S. Dip.....	1,300 00	1	3	47	61	108	.....
Sheboygan.....	A. D. Tarnutzer..	Univ. of Wisconsin Dip..	1,600 00	5	7	126	185	311	1	
Sheboygan Falls.	A. L. Kingsford....	Univ. of Wisconsin Dip..	1,300 00	1	3	28	45	73	.....
Shell Lake.....	E. R. Oliver.....	Ripon College Dip.....	1,000 00	1	2	13	31	44	1	
Shullsburg.....	Hal Murley.....	Univ. of Wisconsin Dip..	1,026 00	1	2	22	48	70	.....
Soldiers Grove...	Chas. Washburn...	Unlimited State Cert....	1,000 00	1	2	14	32	46	1	
South Milwaukee	J. H. Stauff.....	Univ. of Wisconsin Dip..	1,350 00	2	3	36	45	81	1	
South Wayne....	John A. James....	Platteville N. S. Dip....	855 00	1	0	5	16	21	0	

Statistical Tables.

Sparta.....	C. M. Sanford.....	Cornell Univ. Dip.....	1,700 00	3	5	87	135	222	5
Spooner.....	H. S. Perry.....	Stevens Point N. S. Dip..	810 00	1	2	18	27	45	0
Spring Green....	Francis M. Bray...	Univ. of Wisconsin Dip..	1,080 00	1	2	13	35	48	0
Spring Valley....	C. L. Hill.....	Whitewater N. S. Dip....	1,000 00	1	2	26	38	64	2
St. Croix Falls...	Francis P. Roets...	Whitewater N. S. Dip....	1,100 00	1	2	19	25	44	0
Stanley.....	H. C. Stair.....	Univ. of Wisconsin Dip..	1,300 00	4	3	40	52	92	0
Stevens Point....	Genevieve McDill..	Stevens Point N. S. Dip..	1,800 00	2	6	78	83	161	0
Stockbridge.....	Milton V. Jones....	Oshkosh N. S. Dip.....	720 00	1	1	8	20	28	0
Stoughton.....	George O. Banting..	Unlimited State Cert....	1,700 00	3	6	80	148	228	1
Sturgeon Bay....	Chas. G. Stangel..	Univ. of Wisconsin Dip..	1,650 00	1	5	57	97	154	1
Sun Prairie.....	Frank Holt.....	Milwaukee N. S. Dip....	1,200 00	1	3	33	35	68	2
Thorp.....	E. N. Daane.....	Oshkosh N. S. Dip.....	765 00	1	1	15	30	45	0
Tigerton.....	Henry Lunz.....	Oshkosh N. S. Dip.....	800 00	1	1	12	15	27	0
Tomah.....	W. McNeel.....	Lawrence Univ. Dip....	1,350 00	3	4	91	106	197	3
Tomahawk.....	Laverne W. Brooks	Lawrence Univ. Dip....	1,350 00	2	4	43	66	109	0
Trempealeau....	E. S. Jedney.....	Univ. of Wisconsin Dip..	810 00	1	1	11	22	33	0
Two Rivers.....	W. J. Hamilton....	Milwaukee N. S. Dip....	1,550 00	2	3	31	34	65	0
Union Grove....	Arnold Lau.....	Milwaukee N. S. Dip....	720 00	1	2	24	45	69	0
Verona.....	C. R. Ray.....	Platteville N. S. Dip....	1,000 00	1	1	17	32	49	0
Viola.....	C. I. Nelson.....	River Falls N. S. Dip....	765 00	1	1	18	31	49	2
Viroqua.....	Willis P. Colburn..	Univ. of Wisconsin Dip..	1,500 00	4	4	71	113	184	3
Waldo.....	Nellie Thomas....	Milwaukee N. S. Dip....	810 00	0	2	26	33	59	1
Walworth.....	W. C. Bartelt....	Whitewater N. S. Dip....	850 00	1	2	22	36	58	0
Washburn.....	R. T. Craigo.....	Univ. of Wisconsin Dip..	1,500 00	2	4	49	90	139	0
Waterford.....	L. R. McPherson..	Whitewater N. S. Dip....	760 00	1	2	9	31	40	0
Waterloo.....	E. W. Waite.....	River Falls N. S. Dip....	1,000 00	1	3	25	48	73	0
Watertown.....	W. P. Roseman....	Univ. of Wisconsin Dip..	1,800 00	4	4	107	153	260	4
Waukesha.....	A. W. Chamberlin	Chicago Univ. Dip.....	1,850 00	4	6	130	134	264	3
Waunakee.....	F. G. Mueller.....	Whitewater N. S. Dip....	1,250 00	1	1	19	24	43	0
Waupaca.....	H. H. Faust.....	Univ. of Wisconsin Dip..	1,400 00	2	4	59	100	159	0
Waupun.....	M. W. Vittum....	Illinois College Dip....	760 00	2	3	31	61	92	0
Wausau.....	C. C. Parlin.....	Univ. of Wisconsin Dip..	1,900 00	5	14	164	198	362	5
Wausaukee.....	Richard B. Thiel..	Milwaukee N. S. Dip....	1,050 00	1	2	7	15	22	0
Wautoma.....	C. E. Dafoe.....	Unlimited State Cert....	1,100 00	1	4	14	26	40	2
Wauwatosa.....	Thos. Lloyd Jones	Univ. of Wisconsin Dip..	2,100 00	2	5	69	92	161	2
West Allis.....	T. J. Jones.....	Univ. of Wisconsin Dip..	1,550 00	1	5	20	39	59	0

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	Principal.	Legal qualification of Principal.	Salary of the principal.	No. TEACHERS EMPLOYED.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Fe-male.	Pupils under 20 years of age.			Pu-pils over 20
						Male.	Fe-male.	Total.	
West Bend.....	Daniel E. McLane	Whitewater N. S. Dip....	1,400 00	2	2	56	55	111	1
West De Pere....	Thomas J. Berto..	Univ. of Wisconsin Dip..	1,000 00	1	3	30	33	63	0
Westfield.....	Duncan H. Reid...	Stevens Point N. S. Dip..	720 00	1	2	18	41	59	1
West Salem.....	Walter M. Atwood	Univ. of Wisconsin Dip..	1,050 00	1	3	24	23	47	0
Weyauwega.....	E. H. Miles.....	Stevens Point N. S. Dip..	1,000 00	1	2	36	32	68	0
Whitehall.....	F. D. Wartinbee...	River Falls N. S. Dip....	900 00	1	2	22	47	69	0
Whitewater.....	C. W. Rittenburg..	Oberlin College Dip.....	1,800 00	1	6	83	78	161	1
Wilmot.....	J. E. Heffernan...	Platteville N. S. Dip....	700 00	1	1	25	24	49	0
Wilton.....	J. A. Lonsdorf....	Milwaukee N. S. Dip....	720 00	1	1	15	25	40	0
Winneconne.....	A. L. Halvorson...	Whitewater N. S. Dip....	1,000 00	1	2	22	47	69	0
Wittenberg.....	O. P. Brown.....	Platteville N. S. Dip....	900 00	1	2	21	30	51	0
Wonewoc.....	C. W. McNown....	Univ. of Wisconsin Dip..	1,100 00	1	2	22	25	47	1

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1907-1908.

Totals.....	.....	.....	\$663 25	4	2	44	50	94	
Friendship.....	J. H. Cairns.....	Stevens Point N. S. Dip..	675 00	1	0	7	14	21	0
Oakwood.....	John C. Dessloch..	Oshkosh N. S. Dip.....	700 00	1	0	16	10	26	0
Reeseville.....	W. R. Bussewitz..	Milwaukee N. S. Dip....	630 00	1	1	16	12	28	0
Unity.....	R. E. Brasure.....	Stevens Point N. S. Dip..	648 00	1	1	5	14	19	0

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Totals and averages	81.9	48,315	13,641	6,424	4,447	5	1,727	5	14.6
Abbotsford	30	180	19	7	11	.....	2	.....	14.8
Albany	36	180	25	21	.....	.....	.....	.....	15.5
Algoma	80	190	55	36	.....	.....	.....	.....	14.8
Alma	46	180	35	17	.....	.....	.....	.....	14.3
Alma Center	19	176	22	.....	.....	.....	.....	.....	15.5
Almond	25	180	31	.....	.....	.....	.....	.....	14
Amery	32	180	39	.....	.....	.....	.....	.....	15.5
Amherst	41	180	54	.....	.....	.....	.....	.....	15.4
Antigo	260	180	172	93	43	.....	17	.....	14
Appleton	327	180	154	131	56	.....	13	.....	15.1
Arcadia	71	180	40	24	14	.....	5	.....	14.8
Argyle	52	180	52	10	.....	.....	.....	.....	14
Ashland	300	190	191	84	109	.....	62	.....	15
Athens	25	180	22	7	.....	.....	.....	.....	15
Augusta	82	177	48	32	31	.....	6	.....	14
Avoca	18	180	24	.....	.....	.....	.....	.....	12.5
Baldwin	49	180	57	.....	.....	.....	.....	.....	14.6
Bangor	39	180	8	31	.....	.....	.....	.....	15.4
Baraboo	209	167	109	33	66	.....	17	.....	14.7
Barron	102	180	98	20	7	.....	7	.....	15
Bayfield	44	180	36	10	9	.....	2	.....	15
Beaver Dam	99	200	30	53	28	.....	6	.....	15

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Belleville	39	180	25	15	.....	.....	.....	.....	15
Belmont	41	180	48	.....	.....	.....	.....	.....	14.9
Beloit	334	190	117	136	127	.....	58	.....	14.4
Benton	35	180	38	.....	.....	.....	.....	.....	14.6
Berlin	110	190	45	69	22	.....	10	.....	15
Binamwood.....	32	180	40	.....	.....	.....	.....	.....	16
Black Earth.....	47	180	53	.....	.....	.....	.....	.....	15
Black River Falls..	145	180	94	65	12	.....	8	.....	15.4
Blair.....	69	180	63	13	.....	.....	.....	.....	14.5
Blanchardville ...	39	180	44	.....	.....	.....	.....	.....	15
Bloomer.....	58	180	56	.....	.....	.....	.....	.....	15.3
Bloomington	85	180	40	31	24	.....	3	.....	15.4
Boscobel.....	82	180	59	22	25	.....	6	.....	15.5
Boyd.....	15	180	18	.....	.....	.....	.....	.....	15.5
Brandon	37	190	29	14	.....	.....	.....	.....	13.5
Brillion.....	35	180	15	20	.....	.....	.....	.....	14
Brodhead.....	69	180	40	28	5	.....	2	.....	14
Burlington.....	104	190	35	32	37	.....	6	.....	14
Cadott	30	180	35	.....	.....	.....	.....	.....	16
Cambria	23	180	33	.....	.....	.....	.....	.....	14
Cambridge	38	180	.....	40	.....	.....	.....	.....	14
Cashton	35	180	30	15	.....	.....	.....	.....	14.3
Cassville	36	180	16	26	.....	.....	.....	.....	15
Cedarburg	56	200	.....	49	18	.....	36	.....	15

Statistical Tables.

Statistical Tables.

Chetek	43	180	37	14	.....	.....	.....	.....	14.5
Chilton.....	87	200	84	16	.....	.....	.....	.....	14.5
Chippewa Falls....	179	180	112	44	50	.....	4	.....	15.5
Clinton.....	51	180	24	18	17	.....	6	.....	15
Clintonville.....	84	180	65	27	.....	.....	.....	.....	14.5
Cobb.....	22	180	15	4	6	.....	1	.....	13.5
Colby.....	48	180	37	18	.....	.....	.....	.....	14.5
Columbus.....	93	190	47	21	30	.....	8	.....	14.5
Crandon.....	43	180	35	4	10	.....	4	.....	15
Cuba City.....	26	180	23	6	.....	.....	.....	.....	14.5
Cumberland.....	90	180	39	10	10	.....	.....	.....	15
Darien.....	20	180	23	.....	.....	.....	.....	.....	14
Darlington.....	94	190	47	25	32	.....	1	.....	15.7
Deerfield.....	55	180	38	24	.....	.....	.....	.....	14.9
De Forest.....	75	180	43	33	31	.....	13	.....	14.5
Delavan.....	86	180	54	22	40	.....	17	.....	14.5
De Pere.....	57	190	22	25	24	.....	12	.....	14.1
Dodgeville.....	168	180	105	56	59	.....	25	.....	14
Durand.....	69	180	49	37	.....	.....	.....	.....	15.7
Eagle River.....	42	180	38	9	.....	.....	.....	.....	15.3
East Troy.....	54	180	38	17	1	.....	.....	.....	14.4
Eau Claire.....	474	180	310	170	78	.....	52	.....	14.9
Edgerton.....	117	180	40	50	37	.....	30	.....	14.5
Elkhorn.....	157	180	24	47	46	.....	9	.....	14
Elroy.....	111	174	60	17	46	.....	15	.....	13.5
Ellsworth.....	130	180	124	23	14	.....	5	.....	14
Evansville.....	120	180	47	41	61	.....	22	.....	15
Fairchild.....	28	180	26	13	.....	.....	.....	.....	15.3
Fennimore.....	98	180	54	20	50	.....	16	.....	14
Florence.....	-9	190	31	14	14	.....	3	.....	15
Fond du Lac.....	335	180	190	90	85	.....	30	.....	15
Fort Atkinson....	147	180	12	48	32	.....	11	.....	13.5
Fountain City.....	38	180	45	.....	.....	.....	.....	.....	13.8
Fox Lake.....	34	190	24	.....	.....	.....	.....	.....	15.5
Galesville.....	74	180	20	36	23	.....	9	.....	14.1
Glenbeulah.....	29	180	39	.....	.....	.....	.....	.....	13.4

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Glenwood.....	76	180	37	33	13	.....	9	.....	15.1
Grand Rapids	204	180	173	57	40	.....	39	.....	15
Grantsburg.....	44	179	46	7	.....	.....	.....	.....	15
Green Bay (E. side)	239	200	133	56	105	.....	11	.....	14.7
Green Bay (W. side)	150	200	77	35	56	.....	10	.....	14
Green Lake	28	180	22	7	.....	.....	.....	.....	13.5
Greenwood	57	180	43	20	.....	.....	.....	.....	15.3
Hammond.....	56	180	65	.....	.....	.....	.....	.....	15
Hartford.....	140	180	106	45	18	.....	7	.....	14
Hayward.....	60	176	56	13	.....	.....	.....	.....	14.5
Hazel Green.....	30	180	22	10	.....	.....	.....	.....	15
Highland.....	29	180	.....	32	.....	.....	.....	.....	14.8
Hillsboro.....	44	180	35	15	.....	.....	.....	.....	15.4
Hixton.....	48	180	53	.....	.....	.....	.....	.....	15
Horicon.....	71	200	46	36	8	.....	4	.....	15.3
Hortonville.....	46	180	50	.....	.....	.....	.....	.....	13.8
Hudson.....	167	180	99	51	37	.....	15	.....	14.8
Humbird.....	17	180	18	.....	.....	.....	.....	.....	16
Hurley.....	79	200	44	8	30	.....	3	.....	14.5
Independence	19	178	28	.....	.....	.....	.....	.....	14.5
Iola.....	34	180	30	9	.....	.....	.....	.....	14
Iron River.....	26	180	32	.....	.....	.....	.....	.....	15
Janesville.....	352	190	120	75	60	5	60	5	14.8
Johnson Creek	20	180	15	11	.....	.....	.....	.....	14.8

Statistical Tables.

Statistical Tables.

Jefferson	87	180	.....	40	.....	60	.....	14
Juneau	64	200	36	33	.....	.....	.....	14
Kaukauna	120	185	55	68	37	.....	31	14.5
Kendall	32	180	42	.....	.....	.....	.....	15
Kenosha	240	186	180	80	55	.....	25	14.5
Kewaskum	38	180	42	.....	.....	.....	.....	14.5
Kewaunee	75	200	61	14	9	.....	3	14.6
Kiel	41	200	10	.....	.....	.....	.....	13.5
Ladysmith	46	180	32	10	22	.....	4	14.5
La Farge	48	180	46	10	.....	.....	.....	15.5
Lake Geneva	138	180	92	34	66	.....	11	14.5
Lake Mills	94	180	55	40	15	.....	10	13.5
Lancaster	147	180	83	39	57	.....	12	15.7
Linden	35	180	18	21	.....	.....	.....	15
Lodi	103	180	34	84	24	.....	18	14.9
Lone Rock	37	180	37	.....	.....	.....	.....	15
Loyal	49	180	54	.....	.....	.....	.....	14.5
Manawa	60	180	35	29	.....	.....	.....	15
Manitowoc (So. side)	55	200	18	48	3	.....	1	15.5
Marinette	279	190	223	44	49	.....	5	15.4
Marion	30	180	32	.....	.....	.....	.....	15
Markesan	38	180	27	18	.....	.....	.....	15
Marshall	31	180	32	3	.....	.....	.....	14.5
Marshfield	126	190	94	45	50	.....	14	14.3
Mauston	101	180	71	20	35	.....	12	15.7
Mayville	58	200	34	39	.....	.....	.....	13.8
Mazomanie	82	178	71	12	7	.....	2	13.5
Medford	92	190	79	22	18	.....	40	14
Mellen	37	180	25	19	.....	.....	.....	13
Melrose	29	180	34	1	.....	.....	.....	15.5
Menasha	68	190	44	14	29	.....	9	14.5
Menomonee Falls..	86	180	7	73	23	.....	9	15
Merrill	247	180	158	76	51	.....	4	14.2
Merrillan	30	180	33	.....	.....	.....	.....	13.5
Middleton	35	180	25	15	.....	.....	.....	15
Milton	60	180	24	22	23	.....	4	15

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Milton Junction....	44	180	37	13	11	.....	4	.....	14.5
Mineral Point.....	135	180	77	43	45	.....	15	.....	16
Minocqua.....	29	178	19	10	7	.....	.....	.....	15
Mondovi.....	71	178	47	20	29	.....	9	.....	16.4
Monroe.....	182	190	59	64	67	.....	17	.....	14
Montello.....	35	180	9	13	18	.....	1	.....	14.5
Montfort.....	60	180	49	19	.....	.....	.....	.....	15
Mosinee.....	18	180	20	.....	.....	.....	.....	.....	14
Mt. Hope.....	27	179	34	.....	.....	.....	.....	.....	14.5
Mt. Horeb.....	85	180	62	14	26	.....	2	.....	15.1
Mukwonago.....	45	190	32	.....	.....	.....	.....	.....	14.6
Muscoda.....	32	180	36	.....	.....	.....	.....	.....	14.5
Necedah.....	41	180	56	.....	13	.....	.....	.....	14.5
Neenah.....	138	185	72	32	51	.....	.....	.....	14.5
Neillsville.....	111	180	84	30	24	.....	10	.....	14.2
New Holstein.....	36	200	40	.....	.....	.....	.....	.....	14
New Lisbon.....	52	180	26	21	19	.....	12	.....	14.4
New London.....	77	180	60	14	18	.....	3	.....	14.7
New Richmond....	221	180	169	38	52	.....	4	.....	15.7
North Crandon....	13	180	14	.....	.....	.....	.....	.....	15
Norwalk.....	28	180	33	.....	.....	.....	.....	.....	15
Oakfield.....	49	180	34	20	.....	.....	.....	.....	15
Oconomowoc.....	141	190	86	43	35	.....	6	.....	14.7
Oconto.....	143	180	111	28	23	.....	5	.....	15.5
Oconto Falls.....	40	180	36	12	.....	.....	.....	.....	15.8

Statistical Tables.

Statistical Tables.

Omro.....	90	180	47	35	38	.....	16	.....	15.5
Onalaska.....	54	180	40	20	3	.....	2	.....	14
Ontario.....	16	180	24	.....	.....	.....	.....	.....	14.9
Oregon.....	55	180	35	20	.....	.....	.....	.....	14.5
Osceola.....	53	180	42	.....	17	.....	.....	.....	15
Palmyra.....	75	180	62	16	.....	.....	.....	.....	14.5
Pardeeville.....	35	180	38	.....	.....	.....	.....	.....	15.6
Park Falls.....	23	180	31	.....	.....	.....	.....	.....	13
Patch Grove.....	15	180	7	10	.....	.....	.....	.....	14.5
Pepin.....	32	180	37	.....	.....	.....	.....	.....	15.3
Peshigo.....	55	180	30	16	18	.....	3	.....	15
Pewaukee.....	22	180	32	9	.....	.....	.....	.....	14.5
Phillips.....	54	180	30	9	18	.....	1	.....	14.5
Pittsville.....	26	180	35	.....	.....	.....	.....	.....	15.5
Plainfield.....	44	177	43	10	.....	.....	.....	.....	15.3
Platteville.....	117	180	69	31	41	.....	8	.....	15.5
Plymouth.....	151	180	132	28	18	.....	6	.....	14.2
Portage.....	179	190	126	44	45	.....	14	.....	14.8
Potosi.....	34	180	34	.....	.....	.....	.....	.....	15.3
Port Washington..	69	200	44	25	.....	.....	.....	.....	14.4
Poynette.....	57	180	43	23	14	.....	12	.....	15.6
Prairie du Chien..	54	180	33	21	12	.....	4	.....	14.5
Prairie du Sac.....	64	180	12	51	16	.....	12	.....	14
Prentice.....	19	180	21	.....	.....	.....	.....	.....	14.9
Prescott.....	31	180	31	11	.....	.....	.....	.....	13.9
Princeton.....	33	190	35	6	.....	.....	.....	.....	15
Randolph.....	50	177	34	23	14	.....	5	.....	14.7
Reedsburg.....	133	180	61	40	29	.....	19	.....	14.7
Rewey.....	45	180	49	.....	.....	.....	.....	.....	15
Rhineland.....	137	179	52	59	68	.....	15	.....	14
Rib Lake.....	34	180	34	11	.....	.....	.....	.....	14.8
Rice Lake.....	148	178	94	45	26	.....	3	.....	14.5
Richland Center...	166	178	110	36	43	.....	5	.....	14.5
Ripon.....	84	179	.....	35	32	.....	.....	.....	14.3
River Falls.....	123	180	86	42	51	.....	20	.....	15.5
Rosendale.....	43	180	29	.....	17	.....	.....	.....	14

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Sauk City.....	32	180	1	37	.....	.....	.....	.....	14
Seneca.....	43	180	40	10	7	.....	.....	.....	16
Sextonville.....	34	180	37	.....	.....	.....	.....	.....	14.6
Seymour.....	56	190	24	40	.....	.....	.....	.....	14.7
Sharon.....	48	179	14	24	25	.....	5	.....	14.4
Shawano.....	95	180	62	29	9	.....	8	.....	14.7
Sheboygan.....	277	200	80	138	26	.....	68	.....	14.2
Sheboygan Falls...	64	200	33	40	.....	.....	.....	.....	14
Shell Lake.....	27	180	33	12	.....	.....	.....	.....	15
Shullsburg.....	66	190	43	22	15	.....	15	.....	14
Soldiers Grove....	38	180	36	6	5	.....	1	.....	15.3
South Milwaukee..	72	190	37	33	30	.....	11	.....	14.9
South Wayne.....	20	180	21	.....	.....	.....	.....	.....	16
Sparta.....	209	180	104	72	85	.....	72	.....	14.2
Spooner.....	32	180	39	6	.....	.....	.....	.....	15.6
Spring Green.....	44	180	22	19	13	.....	6	.....	14.5
Spring Valley.....	57	180	44	11	9	.....	2	.....	15.4
St. Croix Falls....	40	180	17	.....	27	.....	.....	.....	15
Stanley.....	81	178	72	20	18	.....	5	.....	14.6
Stevens Point....	95	190	94	44	47	.....	26	.....	14.5
Stockbridge.....	242	180	28	.....	.....	.....	.....	.....	15.5
Stoughton.....	206	180	95	89	65	.....	20	.....	14.7
Sturgeon Bay.....	141	194	89	32	42	.....	8	.....	14.7
Sun Prairie.....	65	180	5	20	21	.....	8	.....	14
Thorp.....	41	180	45	.....	.....	.....	.....	.....	14

Statistical Tables.

Statistical Tables.

Tigerton.....	20	180	27					13.5
Tomah.....	182	180	.....	42	50		12	14.5
Tomahawk.....	93	180	68	19	22		9	14.7
Trempealeau.....	26	180	8	25				15.5
Two Rivers.....	59	200	17	13	21		2	13.5
Union Grove.....	66	180	30	23	18		8	13.7
Verona.....	43	180	49	21				14.3
Viola.....	44	180	51					16.3
Viroqua.....	169	180	103	56	47		19	15
Waldo.....	56	180	60					13.5
Walworth.....	54	180	3	18	13		6	14.6
Washburn.....	95	180	98	43	23		11	14.5
Waterford.....	35	190	22	13	8		4	14
Waterloo.....	61	180	53	20				14
Watertown.....	235	200	116	82	74		29	14.1
Waukesha.....	234	190	151	61	52		46	14.8
Waunakee.....	165	180	33	10				14.5
Waupaca.....	146	190	92	36	31		10	14.3
Waupun.....	88	190	27	38	36		4	14.2
Wausau.....	297	180	248	119	41		18	14.2
Wausaukee.....	21	180	19	3				14.8
Wautoma.....	36	180	25	14	5		2	15
Wauwatosa.....	144	190	62	55	71		25	14.7
West Allis.....	49	200	26	12	21			15.4
West Bend.....	103	190	89	23				14.7
West De Pere.....	57	180	49	16	13		2	14
Westfield.....	51	180	54	16				14.5
West Salem.....	54	180	10	11	22		12	14.5
Weyauwega.....	57	180	20	25	19		19	13.5
Whitehall.....	58	180	59	10				15
Whitewater.....	143	200	82	49	38		10	15.2
Wilmot.....	40	180	49					15
Wilton.....	38	180	40					15.2
Winneconne.....	64	180	53	16				14.5
Wittenberg.....	44	180	27	22				14
Wonewoc.....	43	180	34	14				14.1

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1907-1908.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Totals.....	20.2	733	94	.....	.....	.....	.....	.....	14.3
Friendship.....	17	180	21	.....	.....	.....	.....	.....	15
Oakwood.....	22	198	26	.....	.....	.....	.....	.....	15.1
Reeseville.....	24	175	28	.....	.....	.....	.....	.....	14
Unity.....	18	180	19	.....	.....	.....	.....	.....	13.3

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	GRADUATES, 1907.		No. GRADUATES 1907 WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Totals and av...	1,186	2,005	145	871	1,250	2,481	16,792	23,882		6,700	\$1 98	\$112,754 05
Abbotsford.....					3	3	3	3	No....	6	\$2 00	\$108 00
Albany.....	2	1			2	1			Yes...	19	2 00	327 50
Algoma.....	7	11	3	7	7	11	70	84	Yes...	31	2 00	481 50
Alma.....	7	5	1		4	4	56	89	Yes...	8	2 00	139 50
Alma Center....	3	4	2	2		1			No....	8	2 00	105 00
Almond.....	2	1			3	2	16	14	No....	15	2 00	218 00
Amery.....	1	7	1	5	2	4	5	14	No....	15	2 00	244 00
Amherst.....		7		5		6			No....	25	2 00	383 50
Antigo.....	21	26			19	16	125	185	Yes...	63	2 00	1,065 50
Appleton.....	26	26	1	11	22	24	74	90	Yes...	43	2 00	758 50
Arcadia.....	4	5	2	4	9	7	132	96	Yes...	20	2 00	283 50
Argyle.....	2	1	2	1	2	3	52	78	Yes...	23	2 00	380 00
Ashland.....	11	17		11	20	23	108	184	Yes...	23	2 00	370 00
Athens.....	2	4	1	2	2	2	4	6	No....	3	2 00	44 00
Augusta.....	3	10	1	7	4	5			Yes...	30	2 00	460 00
Avoca.....	2	3	1	2	1		41	85	No....	5	1 50	67 50
Baldwin.....	4	6	3	5	3	3	15	20	No....	25	2 00	380 50
Bangor.....	2	3			4	7	15	39	Yes...	16	2 00	288 00
Baraboo.....	10	20		5	8	17	280	379	Yes...	67	2 00	747 00
Barron.....	3	9	1	7	5	5			Yes...	48	2 00	675 00

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	GRADUATES, 1907.		No. GRADUATES 1907 WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Bayfield.....						5			Yes			
Beaver Dam....	9	16		5	4	12	132	261	Yes	18	2 00	302 00
Belleville.....		8		4	1	3	33	74	Yes	19	2 00	323 00
Belmont.....					1	9	14	41	No	17	2 00	268 00
Beloit.....	5	28		4	13	41	185	579	Yes	48	2 00	765 00
Benton.....	4	9		2		5			No	1	1 00	9 00
Berlin.....	6	18	1	11	5	5	220	376	Yes	37	2 00	636 00
Birnamwood....	1		1			4	20	31	No	16	2 00	220 50
Black Earth....	3	3		2	2	5	63	79	No	12	2 00	192 00
Black River F'lls	11	14			10	22			Yes	54	2 40	1,065 00
Blair.....	1	6		6	5	8	17	23	No	27	2 00	429 00
Blanchardville..	1	3		1	5		6	3	No	14	2 00	227 50
Bloomer.....	2	12	1	10	1	7	46	94	No	20	2 00	331 00
Bloomington....	3	5	2	3	7	11	59	119	Yes	53	2 00	720 00
Boscobel.....	3	13		9	10	3	83	134	Yes	24	2 00	354 50
Boyd.....	1	3		3		2	1	5	No	4	2 00	54 00
Brandon.....	1	4		3	1	5	71	107	Yes	15	1 52	202 16
Brillion.....	1	2			1	2	41	36	No	12	2 00	212 45
Brodhead.....	5	5		1	7	5	87	157	Yes	18	2 00	297 00
Burlington.....	7	15		2	3	10	102	236	Yes	42	2 00	807 00
Cadott.....					4	6			No	5	1 00	36 00
Cambria.....		2		2					Yes	8	2 00	140 00

Statistical Tables.

Statistical Tables.

Cambridge.....	3	6	.....	4	2	4	59	63	No.	17	2 00	576 00
Cashton	4	2	.....	2	4	5	22	25	No.	8	2 00	180 00
Cassville	6	6	2	2	2	4	40	71	No.	10	2 00	150 00
Cedarburg.....	4	11	.....	3	6	5	37	34	Yes ...	16	2 00	286 00
Chetek.....	.....	.....	.....	.....	3	4	.....	.....	Yes ...	20	2 00	340 00
Chilton.....	5	5	1	2	9	7	98	108	Yes ...	46	2 00	.....
Chippewa Falls.	11	15	.....	8	9	11	.....	.....	Yes ...	21	2 00	378 00
Clinton.....	.....	9	.....	4	8	.....	66	120	Yes ...	24	1 80	349 20
Clintonville....	2	9	1	3	11	3	73	102	Yes ...	23	2 00	466 50
Cobb.....	1	3	1	3	4	3	.....	.....	No.	5	2 00	197 00
Colby.....	6	5	3	3	2	3	55	76	Yes ...	12	2 00	198 00
Columbus.....	7	3	.....	2	7	11	110	161	Yes ...	54	2 00	885 50
Crandon.....	1	.....	.....	.....	3	5	8	10	No. ....	.....	.....	.....
Cuba City.....	3	6	.....	.....	2	2	32	42	No.	5	2 00	90 00
Cumberland....	4	3	.....	2	6	10	.....	.....	Yes ...	30	2 00	408 50
Darien.....	2	2	.....	2	.....	2	3	7	No.	11	2 00	178 00
Darlington.....	7	14	3	7	3	14	127	256	Yes ...	33	2 00	510 00
Deerfield.....	5	7	1	4	2	6	38	60	Yes ...	30	2 00	534 00
De Forest.....	8	10	.....	7	6	9	77	95	Yes ...	33	2 00	471 00
Delavan.....	5	9	.....	2	2	3	100	210	Yes ...	19	2 00	288 50
De Pere.....	1	3	1	1	7	11	63	132	Yes ...	20	2 00	380 00
Dodgeville....	8	18	2	10	7	20	172	273	Yes ...	65	3 11	1,629 00
Durand.....	3	5	1	4	5	6	60	77	Yes ...	39	2 00	580 00
Eagle River....	1	3	2	10	1	1	8	11	Yes ...	9	2 00	160 00
East Troy.....	5	3	.....	3	2	11	82	111	Yes ...	37	2 00	680 00
Eau Claire.....	17	30	.....	12	28	32	331	531	Yes ...	51	2 00	784 00
Edgerton.....	5	8	.....	.....	4	21	88	160	Yes ...	56	2 00	980 00
Elkhorn.....	7	12	.....	7	8	13	130	255	Yes ...	63	2 00	1,084 00
Elroy.....	5	11	.....	5	.....	.....	.....	.....	Yes ...	36	2 00	648 00
Ellsworth.....	4	8	2	6	13	14	51	103	Yes....	75	2 00	1,217 00
Evansville....	4	9	.....	4	8	19	131	246	Yes....	45	2 00	782 00
Fairchild.....	2	1	.....	.....	1	1	9	17	Yes....	3	1 50	31 50
Fennimore.....	3	5	1	2	6	7	45	92	Yes....	45	2 00	800 00
Florence.....	2	9	1	2	.....	5	43	85	Yes....	4	2 00	76 00
Fond du Lac...	21	34	.....	.....	24	36	303	623	Yes....	98	2 00	1,400 50
Fort Atkinson..	10	20	2	6	11	15	216	339	Yes....	.....	2 00	611 50

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	GRADUATES, 1907.		No. GRADUATES, 1907, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on University accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Fountain City..	2	2	.....	.....	.....	.....	16	19	No....	6	2 00	75 00
Fox Lake.....	1	5	.....	3	3	7	.....	.....	Yes....	7	2 00	120 50
Galesville.....	1	9	.....	4	4	9	18	55	Yes....	.....	2 00	42 00
Glenbeulah.....	1	4	1	3	1	3	42	67	No....	11	2 00	132 50
Glenwood.....	10	9	1	4	4	3	52	75	Yes....	52	2 00	844 00
Grand Rapids ..	8	13	2	3	14	11	175	188	Yes....	38	2 00	626 00
Grantsburg.....	2	5	.....	2	1	5	14	35	No....	17	2 00	258 00
Green Bay (East Side).....	11	19	.....	10	11	22	142	278	Yes....	23	2 00	408 00
Green Bay (W. Side).....	8	20	.....	.....	14	20	93	297	Yes....	11	2 00	217 00
Green Lake	1	5	1	4	2	2	3	9	Yes....	7	2 00	126 00
Greenwood.....	2	6	.....	3	1	6	21	49	Yes....	34	2 00	408 00
Hammond.....	1	4	.....	3	3	3	16	35	.....	40	2 00	664 00
Hartford.....	13	17	.....	.....	7	14	.....	.....	Yes....	116	2 00	2,016 00
Hayward.....	1	5	1	3	2	4	19	50	Yes....	2	.....	.....
Hazel Green.....	.....	3	.....	2	4	2	47	77	No....	6	2 00	108 00
Highland.....	3	1	.....	1	3	1	54	59	Yes....	13	2 00	206 00
Hillsboro.....	2	5	.....	5	.....	1	42	69	Yes....	16	2 00	262 00
Hixton.....	2	11	1	10	.....	.....	9	22	No....	24	2 00	402 50
Horicon.....	7	5	2	3	4	1	97	132	Yes....	42	2 00	726 50
Hortonville.....	2	6	.....	4	4	3	9	13	No....	20	2 00	360 00

Statistical Tables.

Statistical Tables.

Hudson	13	17	.....	.....	16	23	145	232	Yes....	40	2 00	759 50
Humbird	3	2	1	2	.....	2	26	26	No....	3	2 00	54 00
Hurley	2	8	.....	4	4	3	.....	.....	Yes....	3	2 00	60 00
Independence...	2	3	.....	1	2	5	4	8	No....	11	2 00	192 00
Iola	3	5	.....	1	2	2	23	22	Yes....	9	2 00	162 00
Iron River .....	.....	3	.....	2	.....	3	.....	.....	No....	.....	.....	.....
Janesville	23	28	1	9	20	36	332	705	Yes....	80	2 00	1,470 50
Johnson Creek..	1	.....	.....	.....	5	1	6	1	No....	8	2 00	133 00
Jefferson	8	11	.....	4	7	7	.....	.....	Yes....	26	2 00	430 00
Juneau	2	6	2	5	8	8	46	52	Yes....	20	2 00	404 00
Kaukauna.....	9	15	.....	4	7	13	98	107	Yes....	20	2 00	354 00
Kendall .....	.....	.....	.....	.....	2	6	2	6	No....	15	2 00	398 00
Kenosha	8	20	.....	5	10	20	137	259	Yes....	50	2 00	808 10
Kewaskum	6	2	.....	.....	2	4	20	20	No....	21	2 00	348 50
Kewaunee.....	4	2	1	.....	3	1	96	101	Yes....	15	2 00	305 50
Kiel	1	2	.....	1	2	1	54	43	Yes....	13	2 00	227 00
Ladysmith.....	2	9	1	5	2	6	6	21	Yes....	12	2 00	172 00
La Farge .....	.....	4	.....	2	6	6	6	10	No....	30	2 00	484 50
Lake Geneva...	8	14	.....	2	11	12	.....	.....	Yes....	42	2 00	685 00
Lake Mills	6	18	2	8	6	8	103	172	Yes....	26	2 00	554 90
Lancaster	9	18	2	5	7	18	144	253	Yes....	49	2 00	715 50
Linden	3	6	3	.....	4	7	35	62	No....	3	2 00	54 00
Lodi	8	13	1	7	7	8	131	211	Yes....	59	2 00	961 00
Lone Rock	2	2	.....	2	.....	5	.....	.....	No....	20	.....	278 00
Loyal	3	4	1	3	1	6	25	54	No....	15	2 00	482 50
Manawa.....	1	4	.....	1	2	11	38	64	Yes....	7	1 67	95 00
Manitowoc (So. Side)	5	7	1	2	3	7	.....	.....	Yes....	20	2 00	388 00
Marinette	17	17	.....	9	8	15	147	293	Yes....	16	2 00	275 00
Marion	3	.....	1	.....	.....	2	20	20	No....	5	2 00	54 00
Markesan	1	2	.....	2	1	5	2	7	No....	19	2 00	256 00
Marshall	3	4	.....	3	1	7	27	77	Yes....	6	2 00	108 00
Marshfield	16	9	2	6	10	16	81	135	Yes....	28	2 00	500 50
Mauston	1	10	.....	.....	3	7	93	153	Yes....	45	2 00	742 00
Mayville.....	5	6	2	4	4	2	87	90	Yes....	16	2 00	254 00
Mazomanie.....	5	11	.....	8	5	5	89	147	Yes....	20	2 00	301 00

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	GRADUATES, 1907.		No. GRADUATES, 1907, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on University accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Medford.....	5	12	2	9	5	8	66	98	Yes....	47	2 00	759 50
Mellen		2			2	5	4	9	No....	7	2 00	31 00
Melrose									No....	8	2 00	96 50
Menasha	2	10		1	3	6	66	167	Yes....			
Menomonee F's	6	2			9	7			Yes....	68	2 00	1,096 00
Merrill.....	12	29	1	15	11	26	123	252	Yes....	26	2 00	194 00
Merrillan.....	3	10	1	5	2	3			No....	11	2 00	198 00
Middleton.....	1	2			1	5	24	36	No....		1 50	
Milton.....	1	6	5	16	2	8	11	27	Yes....	27	2 00	481 00
Milton Junction	4	5		1		7	37	90	Yes....	12	2 00	194 00
Mineral Point..	5	10			9	17	118	238	Yes....	30	2 00	519 50
Minoqua					4	3	4	3	No....	6	2 00	108 00
Mondovi	7	7		3	1	1	44	80	Yes....	27	2 00	385 00
Monroe.....	14	21			6	23	217	348	Yes....	35	2 00	596 00
Montello.....		5		3	1	4	43	98	Yes....	7	2 00	127 00
Montfort	4	10	1	8	2	6	45	99	Yes....	20	2 00	321 50
Mosinee	2	3		1		2	3	10	No....	7	2 00	126 00
Mt. Hope	1	1				5	21	41	No....	4	1 60	
Mt. Horeb.....	6	6	4	4	9	5	27	24	Yes....	45	2 00	712 00
Mukwonago.....	5	1	1		3	4	31	31		32	2 00	682 10
Muscoda	2	2		2	3	3	51	53	No....	8	2 00	114 00
Necedah	2	4		1		5			Yes....	8	2 00	106 00

Statistical Tables.

Statistical Tables.

Neenah	4	9	.....	2	4	16	94	219	Yes....	19	2 00	380 00
Neillsville	10	16	.....	.....	4	11	74	126	Yes....	38	2 00	1,115 00
New Holstein ..	.....	.....	.....	.....	1	2	1	2	No....	9	2 00	161 00
New Lisbon	3	3	.....	3	6	6	66	114	Yes....	19	2 00	380 00
New London	5	4	.....	1	4	11	.....	.....	Yes....	34	2 00	607 00
New Richmond..	18	19	5	13	15	24	123	219	Yes....	134	2 00	2,258 50
North Crandon. ....	.....	.....	.....	.....	2	2	2	2	No....	.....	.....	.....
Norwalk	2	2	.....	1	4	1	6	3	No....	7	2 00	154 00
Oakfield	5	3	.....	1	4	4	64	99	No....	10	2 00	180 00
Oconomowoc....	6	20	2	4	12	14	70	138	Yes....	81	2 00	1,360 00
Oconto	10	12	1	6	7	12	91	140	Yes....	24	2 00	408 00
Oconto Falls ...	2	3	.....	3	3	5	7	14	Yes....	22	2 00	392 40
Omro	3	5	.....	4	5	5	89	155	Yes....	49	2 00	774 50
Onalaska	3	12	1	7	6	7	50	85	Yes....	22	2 00	369 50
Ontario	1	2	1	2	1	2	10	12	No....	9	2 00	136 00
Oregon	3	2	.....	.....	2	8	87	113	Yes....	39	2 00	612 50
Osceola	1	6	.....	4	6	5	14	35	Yes....	31	2 00	485 60
Palmyra	7	8	1	4	4	6	39	63	Yes....	43	2 00	690 00
Pardeeville .....	.....	4	.....	4	.....	.....	.....	4	No....	6	2 00	100 00
Park Falls .....	.....	2	.....	1	1	2	1	4	No....	2	2 00	35 00
Patch Grove .....	.....	.....	.....	.....	.....	.....	.....	.....	No....	2	2 00	34 00
Pepin	1	4	.....	3	3	4	45	80	No....	14	2 00	205 00
Peshtigo	5	8	1	3	.....	6	29	103	No....	6	2 00	86 00
Pewaukee .....	.....	1	.....	.....	1	.....	.....	.....	No....	14	1 67	196 66
Phillips	3	2	.....	2	2	6	20	35	Yes....	9	2 00	136 00
Pittsville	2	1	.....	.....	5	2	14	13	No....	7	2 00	114 00
Plainfield	1	3	1	.....	3	1	32	47	Yes....	19	2 00	282 00
Platteville.....	3	9	.....	.....	1	6	33	81	Yes....	28	2 00	224 80
Plymouth	11	8	3	3	11	19	181	195	Yes....	82	2 00	1,031 00
Portage	11	14	.....	.....	13	30	194	343	Yes....	46	2 00	867 00
Potosi.....	2	5	1	4	1	8	27	91	No....	17	2 00	205 00
Pt. Washington	4	8	1	6	2	10	.....	.....	Yes....	39	2 00	718 00
Poynette .....	.....	4	.....	1	2	10	47	101	Yes....	27	2 00	438 00
Prairie du Chien	3	3	.....	3	4	7	43	181	Yes....	18	2 00	295 00
Prairie du Sac..	4	6	.....	2	.....	.....	7	11	Yes....	36	2 00	641 20
Prentice	1	5	.....	3	.....	.....	5	23	No....	5	1 50	216 00

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	GRADUATES, 1907.		No. GRADUATES, 1907, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on University accredited List?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Prescott.....	4	7	.....	1	3	3	58	60	Yes....	9	2 00	\$162 00
Princeton.....	2	2	.....	1	1	3	6	8	Yes....	14	2 00	215 00
Randolph.....	3	9	.....	1	3	5	.....	.....	Yes....	25	2 00	381 50
Reedsburg.....	1	6	.....	4	8	14	104	154	Yes....	59	2 00	822 00
Rewey.....	2	5	.....	4	3	5	11	16	No.....	20	2 00	354 00
Rhineland.....	5	15	.....	5	6	12	80	128	Yes....	4	2 00	72 00
Rib Lake.....	5	2	.....	.....	2	7	7	12	Yes....	13	2 00	179 75
Rice Lake.....	6	12	.....	10	6	14	59	96	Yes....	44	2 00	670 00
Richland Center	8	22	2	8	12	16	159	238	Yes....	88	2 00	1,364 00
Ripon.....	8	13	.....	4	6	9	105	266	Yes....	17	2 00	326 50
River Falls.....	5	10	.....	2	12	10	93	81	Yes....	66	2 00	946 50
Rosendale.....	3	9	.....	6	4	3	40	58	No.....	21	2 00	367 50
Sauk City.....	3	2	.....	2	.....	1	43	55	Yes....	13	2 00	230 00
Seneca.....	.....	.....	.....	.....	.....	1	.....	1	No....	11	2 00	128 00
Sextonville.....	5	2	.....	1	3	5	80	74	.....	28	2 00	421 00
Seymour.....	5	6	1	6	5	5	54	51	Yes....	29	2 00	513 50
Sharon.....	7	8	.....	1	3	8	56	100	Yes....	21	2 00	343 00
Shawano.....	2	13	.....	7	10	10	79	125	Yes....	37	2 00	642 00
Sheboygan.....	15	20	1	4	18	19	203	292	Yes....	47	2 00	882 00
Sheboygan Falls	18	17	.....	6	1	6	74	126	Yes....	20	2 00	350 00
Shell Lake.....	2	4	.....	4	.....	8	.....	.....	Yes....	14	2 00	150 00
Shullsburg.....	4	2	.....	.....	2	9	63	139	Yes....	16	2 00	304 00

Statistical Tables.

Statistical Tables.

Soldiers Grove..	5	7	.....	4	2	7	33	37	Yes....	23	2 00	361 00
So. Milwaukee..	.....	4	.....	.....	10	7	49	76	Yes....	24	2 00	422 50
South Wayne.....	.....	.....	.....	.....	.....	.....	.....	.....	No....	3	2 00	50 00
Sparta.....	19	17	1	8	12	24	203	330	Yes....	100	2 00	1,927 80
Spooner.....	.....	1	.....	1	1	2	1	3	No....	13	2 00	116 00
Spring Green....	4	3	.....	1	3	5	.....	.....	Yes....	23	2 00	392 00
Spring Valley...	5	7	2	3	5	8	.....	.....	Yes....	35	2 00	500 50
St. Croix Falls..	5	7	.....	4	2	4	.....	.....	Yes....	22	2 00	364 00
Stanley.....	5	10	.....	10	7	6	25	50	Yes....	40	2 00	759 00
Stevens Point...	8	13	1	7	17	12	153	272	Yes....	12	2 00	216 00
Stockbridge.....	2	.....	.....	.....	.....	2	26	47	No....	13	2 00	239 50
Stoughton.....	11	24	2	10	11	22	.....	.....	Yes....	67	2 00	1,188 50
Sturgeon Bay...	6	12	1	1	11	12	99	155	Yes....	51	2 00	904 50
Sun Prairie.....	7	2	.....	1	9	8	69	101	Yes....	27	2 00	486 00
Thorp.....	3	3	2	2	1	.....	6	11	No....	11	2 00	144 00
Tigerton.....	.....	.....	.....	.....	.....	.....	.....	.....	No....	2	2 00	27 00
Tomah.....	8	15	.....	8	11	11	.....	.....	Yes....	51	2 00	773 00
Tomahawk.....	6	5	.....	.....	.....	3	.....	.....	Yes....	14	2 00	240 00
Trempealeau....	1	5	.....	2	.....	.....	29	42	No....	10	2 00	308 00
Two Rivers.....	4	2	.....	.....	1	2	79	77	Yes....	9	1 50	127 50
Union Grove....	5	6	.....	3	3	4	30	53	Yes....	34	2 00	722 00
Verona.....	2	4	.....	1	4	8	20	31	No....	11	2 00	200 50
Viola.....	.....	2	.....	1	1	5	12	30	No....	21	2 00	368 00
Viroqua.....	13	13	3	4	15	14	.....	.....	Yes....	105	2 00	1,800 00
Waldo.....	6	7	5	6	3	9	52	84	Yes....	37	2 00	642 00
Walworth.....	.....	2	1	7	1	5	11	27	No....	34	2 00	868 93
Washburn.....	4	10	1	9	4	10	48	109	Yes....	3	.....	.....
Waterford.....	3	8	1	2	1	6	7	18	Yes....	15	2 00	285 00
Waterloo.....	4	11	1	6	4	7	86	126	Yes....	17	2 00	264 50
Watertown.....	11	19	2	6	10	35	164	367	Yes....	35	2 00	614 00
Waukesha.....	8	17	2	5	10	19	132	247	Yes....	87	2 00	1,561 50
Waunakee.....	3	3	1	2	.....	4	3	8	No....	12	2 00	216 00
Waupaca.....	9	21	.....	13	6	11	162	200	Yes....	47	2 00	817 00
Waupun.....	5	11	.....	4	9	16	167	273	Yes....	20	2 00	65 90
Wausau.....	17	25	.....	9	17	27	164	255	Yes....	20	2 00	282 00
Wausaukee.....	1	3	.....	.....	.....	1	2	11	No....	2	2 00	.....

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	GRADUATES, 1907.		No. GRADUATES 1907, WHO HAVE TAUGHT SINCE.		GRADUATES THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on University accredited list?	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Wautoma.....	2	2	.....	1	2	6	8	15	Yes....	12	2 00	202 00
Wauwatosa	7	10	.....	1	13	22	113	218	Yes....	41	2 00	793 00
West Allis.....	2	3	.....	3	1	4	9	21	Yes....	16	2 00	289 50
West Bend.....	6	8	2	4	14	13	145	156	Yes....	60	2 00	1,043 50
West De Pere...	2	8	.....	4	3	11	60	141	Yes....	12	2 00	210 00
Westfield.....	1	4	.....	3	1	8	.....	.....	Yes....	15	2 00	237 00
West Salem ...	5	8	.....	5	7	7	.....	.....	Yes....	17	2 00	306 00
Weyauwega.....	3	9	.....	4	3	8	35	115	Yes....	22	2 00	396 00
Whitehall.....	3	2	1	2	1	9	9	26	No....	34	2 00	629 60
Whitewater	10	13	.....	8	11	12	156	174	Yes....	46	2 00	794 50
Wilmot.....	2	4	.....	2	2	3	5	18	No....	26	2 00	399 00
Wilton.....	1	5	.....	4	2	6	28	80	Yes....	7	2 00	126 00
Winneconne... ..	1	4	.....	3	3	6	25	61	Yes....	14	2 00	252 00
Wittenberg.....	1	2	1	1	2	4	17	29	Yes....	20	2 00	608 00
Wonewoc.....	2	6	.....	2	2	1	45	56	Yes....	15	2 00	237 50

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1907-1908.

Totals....	4	9	2	3	16	19	101	95	.....	35	1 87	653 00
Friendship.	2	.....	2	.....	6	6	.....	.....	No....	7	1 50	125 00
Oakwood	1	1	.....	.....	4	4	46	37	No....	12	2 00	240 00
Reeseville.....	.....	3	.....	.....	4	3	28	15	No....	12	2 00	198 00
Unity.....	1	5	.....	3	2	6	27	43	No....	4	2 00	90 00

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	Average yearly salary of assistants.	Total am't of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. Dist. furnish text books? If so, free, rented or sold?	High school apportionment, November, 1907.
			1st grade.	2d grade.	3d grade.	4th grade.		
Totals and averages.	\$565 34	\$814, 623 58	8, 708	6, 551	4, 899	3, 604	.....	\$121, 326 32
Abbotsford	\$495 00	\$1, 990 00	20	4	4	6	No	\$401 28
Albany.....	463 50	1, 287 00	12	8	13	3	No.....	401 28
Algoma	600 00	2, 400 00	32	33	18	18	No.....	401 28
Alma	495 00	1, 495 00	18	17	9	8	No.....	401 28
Alma Center	450 00	1, 250 00	12	6	3	1	Free.....	401 28
Almond.....	405 00	1, 080 00	18	4	4	5	No.....	401 28
Amery	540 00	1, 540 00	16	10	7	6	No.....	401 28
Amherst	450 00	1, 249 93	30	13	5	6	No.....	401 28
Antigo.....	666 00	8, 460 00	95	102	59	35	Rented....	401 28
Appleton	834 66	14, 169 00	133	95	66	55	No.....	401 28
Arcadia	645 00	3, 335 00	19	21	22	16	No.....	401 28
Argyle	540 00	1, 980 00	28	12	14	8	Rented....	401 28
Ashland.....	738 45	9, 435 00	112	82	64	48	Sold.....	401 28
Athens.....	540 00	1, 632 50	12	9	4	4	Free.....	401 28
Augusta	600 00	3, 000 00	31	27	25	15	Free.....	401 28
Avoca.....	360 00	990 00	8	6	9	1	No.....	397 27
Baldwin.....	472 50	1, 687 50	22	15	10	10	Free.....	401 28
Bangor.....	472 50	1, 472 50	12	7	9	11	Free.....	401 28
Baraboo	700 00	8, 000 00	78	72	65	30	No.....	401 28
Barron	640 00	3, 070 00	52	38	17	11	No.....	401 28
Bayfield	594 00	4, 470 00	23	12	10	9	Free.....	4, 450 64
Beaver Dam.....	600 00	3, 200 00	40	27	17	18	No.....	401 28
Belleville.....	540 00	2, 080 00	16	8	12	4	Sold.....	401 28

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Average yearly salary of assistants.	Total am't of salaries of principal and assistants.	TOTAL NUMBER OF PUPILS ENROLLED.				Does H. S. Dist. furnish text books? If so, free, rented, or sold.	High school apportionment, November, 1907.
			1st grade.	2d grade.	3d grade.	4th grade.		
Belmont	540 00	1,350 00	17	16	4	11	Rented....	401 28
Beloit	748 12	10,777 50	156	100	95	54	No	401 28
Benton	585 00	1,485 00	14	9	10	5	No	401 28
Berlin	620 00	3,800 00	34	40	36	10	Rented....	401 28
Birnamwood	450 00	1,215 00	14	13	9	4	Free.....	401 28
Black Earth	500 00	1,450 00	21	12	12	8	Sold.....	401 28
Black River Falls	588 00	4,440 00	49	31	45	34	Free.....	401 28
Blair	540 00	2,115 00	28	18	15	14	Sold	401 28
Blanchardville	652 50	1,552 50	18	14	7	5	Sold	401 28
Bloomer	495 00	1,495 00	17	15	16	8	Free.....	401 28
Bloomington	540 00	2,475 00	39	22	16	18	Rented....	401 28
Boscobel	508 75	2,726 25	50	20	18	13	Free	401 28
Boyd	450 00	1,170 00	12	4	.....	2	No	368 68
Brandon	487 50	1,825 00	10	17	11	5	No	401 28
Brillion	540 00	1,440 00	17	9	6	5	Rented....	401 28
Brodhead	615 00	3,100 00	25	17	19	14	No	401 28
Burlington	599 73	3,598 75	7	13	5	10	No	401 28
Cadott	450 00	1,170 00	7	13	5	10	No	370 18
Cambria	461 25	1,777 50	.....	.....	.....	.....	No	401 28
Cambridge	486 00	1,872 00	10	13	11	6	No	401 28
Cashton	562 50	2,225 00	18	12	6	9	Free	401 28
Cassville	495 00	1,950 00	15	11	8	8	Rented....	401 28
Cedarburg	683 33	2,800 00	23	17	13	14	Free.....	401 28
Chetek	450 00	1,215 00	20	17	7	7	Free.....	401 28
Chilton	626 25	3,905 00	37	30	16	17	Rent.&sold	401 28

Statistical Tables.

Chippewa Falls.....	697 50	9,570 00	84	61	35	26	No.....	401 28
Clinton.....	585 00	2,370 00	21	13	17	8	No.....	401 28
Clintonville.....	635 00	3,045 00	40	21	17	14	Sold.....	401 28
Cobb.....	360 00	1,575 00	8	9	1	7	No.....	401 28
Colby.....	562 50	2,025 00	.....	.....	.....	.....	.....	1,125 26
Columbus.....	641 25	4,165 00	25	24	29	20	No.....	401 28
Crandon.....	555 00	2,715 00	19	17	8	9	Sold.....	1,027 50
Cuba City.....	540 00	1,980 00	13	7	5	2	Rented....	401 28
Cumberland.....	540 00	3,405 00	27	30	23	16	Free.....	401 28
Darien.....	450 00	1,260 00	8	6	6	3	No.....	401 28
Darlington.....	760 00	3,720 00	32	28	26	17	No.....	401 28
Deerfield.....	517 50	1,765 00	14	18	20	10	No.....	401 28
DeForest.....	600 00	3,240 00	22	41	14	17	No.....	1,522 50
Delavan.....	585 00	3,840 00	37	36	20	5	Rented....	401 28
DePere.....	799 14	3,277 50	23	12	9	16	Free.....	401 28
Dodgeville.....	700 00	4,900 00	78	41	43	27	No.....	401 28
Durand.....	540 00	2,280 00	29	20	21	16	No.....	401 28
Eagle River.....	562 50	2,225 00	22	17	6	2	Free.....	1,085 00
East Troy.....	450 00	1,710 00	20	15	8	13	No.....	401 28
Eau Claire.....	651 72	13,581 00	230	160	97	71	Free.....	401 28
Edgerton.....	568 12	3,672 50	37	38	26	27	No.....	401 28
Elkhorn.....	630 00	5,030 00	59	59	40	22	Rented....	401 28
Elroy.....	707 50	3,730 00	40	38	30	15	Free.....	401 28
Ellsworth.....	580 86	3,352 50	47	39	30	30	Rented....	401 28
Evansville.....	638 75	3,955 00	35	33	28	33	Sold.....	401 28
Fairchild.....	540 00	1,540 00	24	9	4	2	Free.....	401 28
Fennimore.....	504 00	2,637 00	45	26	18	20	No.....	401 28
Florence.....	665 00	3,295 00	17	20	13	6	Rented....	1,526 25
Fond du Lac.....	782 14	12,450 00	124	102	86	60	No.....	401 28
Fort Atkinson.....	650 00	5,606 25	43	50	42	26	Sold.....	401 28
Fountain City.....	540 00	1,740 00	23	11	11	.....	No.....	401 28
Fox Lake.....	546 25	2,042 50	12	9	8	10	No.....	401 28
Galesville.....	756 00	2,750 00	25	25	19	15	Sold.....	401 28
Glenbeulah.....	450 00	1,125 00	11	11	12	5	No.....	401 28
Glenwood.....	600 00	2,725 00	37	27	20	8	Rented....	401 28
Grand Rapids.....	759 40	7,075 00	86	50	46	26	.....	401 28

Statistical Tables.

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Average yearly salary of assistants.	Total am't of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. Dist. furnish text books? If so, free, rented, or sold?	High school apportionment, November, 1907.
			1st grade.	2d grade.	3d grade.	4th grade.		
Grantsburg.....	540 00	1, 710 00	25	17	5	5	Free	401 28
Green Bay (East Side) ..	775 00	9, 370 00	95	83	65	40	No.....	401 28
Green Bay (West Side) ..	775 00	6, 240 00	72	41	28	34	No.....	401 28
Green Lake.....	318 75	1, 402 50	9	8	7	5	No.....	401 28
Greenwood.....	495 00	1, 990 00	20	20	12	7	Free	401 28
Hammond.....	585 00	1, 260 00	23	17	15	10	Rented....	401 28
Hartford.....	757 00	4, 546 25	38	53	49	21	No.....	401 28
Hayward.....	648 00	3, 379 00	25	15	18	11	Free	2, 129 85
Hazel Green.....	405 00	1, 215 00	9	13	3	7	Sold	401 28
Highland.....	513 00	1, 513 00	14	9	5	4	Sold	401 28
Hillsboro.....	540 00	2, 205 00	22	11	16	1	Free	401 28
Hixton.....	540 00	1, 540 00	17	12	19	5	Sold	666 88
Horicon.....	583 33	3, 050 00	31	15	25	11	Sold	401 28
Hortonville.....	540 00	1, 350 00	14	15	14	8	No.....	401 28
Hudson.....	626 40	4, 957 50	65	65	32	40	Rented....	401 28
Humbird.....	495 00	1, 215 00	9	2	5	2	Free	401 28
Hurley.....	620 00	3, 700 00	40	26	11	7	No.....	401 28
Independence.....	450 00	1, 192 50	8	9	4	7	Sold.....	397 27
Iola.....	517 50	1, 845 00	14	10	11	4	Sold.....	401 28
Iron River.....	562 50	2, 250 00	12	12	5	3	Free	742 50
Janesville.....	815 10	12, 794 97	150	120	74	60	No.....	401 28
Johnson Creek.....	495 00	1, 195 00	10	6	4	6	Free	401 28
Jefferson.....	660 00	3, 480 00	.....	.....	.....	.....	Free	401 28
Juneau.....	525 00	2, 050 00	18	18	17	16	Sold.....	401 28
Kaukauna.....	722 60	4, 090 50	53	37	20	20	No.....	401 28

Statistical Tables.

Statistical Tables.

Kendall.....	450 00	1,170 00	13	12	9	No.....	379 21
Kenosha.....	864 00	9,275 00	100	75	55	No.....	401 28
Kewaskum.....	540 00	1,540 00	11	10	15	No.....	401 28
Kewaunee.....	750 00	2,900 00	28	30	9	Sold.....	401 28
Kiel.....	620 00	2,900 00	19	10	14	Rented....	401 28
Ladysmith.....	540 00	2,790 00	23	15	11	Yes.....	401 28
La Farge.....	517 50	2,110 00	27	10	7	Free.....	401 28
Lake Geneva.....	630 00	3,240 00	62	34	36	Free.....	401 28
Lake Mills.....	555 00	3,065 00	38	25	30	Free.....	401 28
Lancaster.....	628 00	4,750 00	48	61	30	Rented....	401 28
Linden.....	652 50	1,417 50	11	5	11	No.....	401 28
Lodi.....	528 75	3,415 00	39	35	27	No.....	401 28
Lone Rock.....	450 00	1,170 00	11	5	15	Free.....	401 28
Loyal.....	360 00	1,530 00			6	Rented....	401 28
Manawa.....	517 50	1,845 00	16	20	13	No.....	1,452 50
Manitowoc (So. Side)....	800 00	4,050 00	19	23	12	Free.....	401 28
Marinette.....	710 00	9,061 28	129	95	57	Free.....	401 28
Marion.....	495 00	1,350 00	18	6	6	Sold.....	630 00
Markesan.....	540 00	1,980 00	18	9	8	No.....	401 28
Marshall.....	450 00	1,900 00	8	15	3	Sold.....	950 00
Marshfield.....	680 83	5,835 00	55	39	24	No.....	401 28
Mauston.....	540 00	2,360 00	56	30	20	Free.....	401 28
Mayville.....	750 00	3,175 00	28	23	11	Sold.....	401 28
Mazomanie.....	562 50	2,425 00	25	25	32	Free.....	401 28
Medford.....	551 00	3,955 00	55	28	22	Free.....	401 28
Mellen.....	585 00	2,170 00	21	12	4	Free.....	401 28
Melrose.....	450 00	1,260 00	20	9	6	Sold.....	.....
Menasha.....	633 33	5,600 00	39	19	10	No.....	401 28
Menomonee Falls.....	576 00	2,830 00	33	26	21	No.....	401 28
Merrill.....	665 00	7,185 00	105	85	47	No.....	401 28
Merrillan.....	675 00	1,575 00	11	7	10	No.....	401 28
Middleton.....	540 00	1,440 00	15	9	7	Free.....	700 00
Milton.....	450 00	1,830 00	27	16	16	No.....	401 28
Milton Junction.....	472 50	2,467 50	19	12	14	Yes.....	401 28
Mineral Point.....	765 00	4,560 00	57	43	24	No.....	401 28
Minocqua.....	652 50	2,295 00	11	9	9	No.....	810 00

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908—Continued.

LOCATION.	Average yearly salary of assistants.	Total am't of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. district furnish text-books? If so, free, rented or sold?	High school apportionment November, 1907.
			1st grade.	2d grade.	3d grade.	4th grade.		
Mondovi	630 00	3,240 00	40	18	25	4	No.....	401 28
Monroe.....	622 00	5,235 00	70	49	40	31	Free.....	401 28
Montello.....	585 00	2,170 00	12	13	9	6	No.....	401 28
Montfort	511 50	2,023 00	19	18	20	11	No.....	970 00
Mosinee.....	450 00	1,170 00	7	7	4	2	Sold.....	401 28
Mt. Hope.....	405 00	1,080 00	18	6	3	5	No.....	540 00
Mt. Horeb.....	495 00	1,445 00	.....	.....	.....	.....	No.....	401 28
Mukwonago	451 25	2,900 00	22	20	11	7	.....	401 28
Muscoda.....	450 00	1,350 00	13	10	10	3	No.....	401 28
Necedah.....	450 00	1,800 00	22	13	11	5	Sold.....	401 28
Neenah.....	710 00	4,350 00	77	37	20	21	Sold.....	401 28
Neillsville.....	603 00	4,415 00	46	36	28	17	No.....	401 28
New Holstein.....	550 00	1,350 00	12	16	8	4	Free.....	401 28
New Lisbon.....	506 00	2,780 00	15	14	14	12	Sold.....	401 28
New London.....	562 50	3,450 00	31	28	12	20	Sold.....	401 28
New Richmond.....	649 69	6,974 75	78	77	61	39	Rented.....	401 28
North Crandon.....	585 00	1,485 00	3	2	5	4	Free.....	.....
Norwalk.....	450 00	1,125 00	13	7	8	5	Free.....	401 28
Oakfield.....	450 00	1,750 00	22	11	13	8	No.....	401 28
Oconomowoc.....	635 71	6,050 00	71	38	29	26	Free.....	401 28
Oconto.....	615 78	4,362 52	60	44	32	22	Free.....	401 28
Oconto Falls.....	506 25	2,112 50	20	7	13	9	No.....	401 28
Omro.....	630 00	2,765 00	51	26	19	10	Sold.....	401 28
Onalaska.....	472 50	1,945 00	18	15	14	14	Free.....	401 28
Ontario.....	495 00	1,215 00	9	9	3	3	No.....	401 28

Statistical Tables.

Statistical Tables.

Oregon.....	495 00	1,990 00	17	14	18	11	No.....	401 28
Osceola.....	517 50	1,710 00	25	12	11	11	Sold.....	401 28
Palmyra.....	470 00	1,940 00	26	30	12	10	Free.....	401 28
Pardeeville.....	500 00	1,250 00	19	11	8	.....	No.....	401 28
Park Falls.....	472 50	1,617 00	9	10	8	4	Free.....	401 28
Patch Grove.....	450 00	1,215 00	7	6	4	.....	Sold.....	345 00
Pepin.....	495 00	1,260 00	10	6	13	8	No.....	401 28
Peshigo.....	551 25	2,102 50	27	15	13	6	Free.....	401 28
Pewaukee.....	495 00	1,890 00	18	15	5	3	Rented.....	401 28
Phillips.....	525 00	2,700 00	34	18	4	8	Free.....	401 28
Pittsville.....	450 00	1,170 00	13	9	6	7	Free.....	401 28
Plainfield.....	540 00	2,720 00	22	12	12	7	No.....	401 20
Platteville.....	594 00	4,470 00	62	34	29	8	Free.....	401 28
Plymouth.....	674 67	5,448 00	44	49	42	34	No.....	401 28
Portage.....	691 66	5,850 00	60	52	45	44	Yes.....	401 28
Potosi.....	450 00	1,350 00	15	5	7	9	No.....	401 28
Port Washington.....	625 00	2,850 00	29	19	16	13	No.....	401 28
Poynette.....	519 93	2,190 00	22	17	15	12	No.....	401 28
Prairie du Chien.....	540 00	2,255 00	22	19	10	11	No.....	401 28
Prairie du Sac.....	555 00	2,565 00	28	9	14	18	Free.....	401 28
Prentice.....	450 00	1,530 00	5	9	7	.....	Free.....	401 28
Prescott.....	675 00	2,350 00	16	15	8	3	Free.....	401 28
Princeton.....	522 50	1,900 00	21	13	3	5	No.....	401 28
Randolph.....	450 00	1,850 00	25	13	14	8	No.....	401 28
Reedsburg.....	643 50	4,793 50	56	42	28	23	Free.....	401 28
Rewey.....	517 50	1,192 50	17	18	6	8	No.....	401 28
Rhineland.....	594 00	4,370 00	62	47	38	24	No.....	401 28
Rib Lake.....	517 50	2,035 00	21	12	3	9	Free.....	401 28
Rice Lake.....	661 40	4,607 50	61	50	31	20	Rented or sold.....	401 28
Richland Center.....	594 00	4,320 00	69	61	30	29	Free.....	401 28
Ripon.....	675 00	3,725 00	34	24	19	15	No.....	401 28
River Falls.....	639 50	4,847 50	69	32	36	22	Free.....	401 28
Rosendale.....	450 00	1,350 00	14	14	11	7	No.....	401 28
Sauk City.....	540 00	2,080 00	15	16	6	1	Free.....	401 28
Seneca.....	464 00	1,725 00	26	20	10	1	No.....	601 00

FREE HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	Average yearly salary of assistants.	Total am't of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. district furnish textbooks? If so, free, rented or sold?	High school apportionment November, 1907.
			1st grade.	2d grade.	3d grade.	4d grade.		
Sextonville	495 00	1,295 00	10	10	9	8	Free.....	401 28
Seymour	617 50	2,235 00	26	17	12	10	Sold.....	401 28
Sharon.....	512 02	2,565 75	12	21	14	12	Rented....	401 28
Shawano	585 00	3,055 00	39	27	20	22	No.....	401 28
Sheboygan.....	800 00	10,425 00	114	97	57	39	No.....	401 28
Sheboygan Falls.....	625 00	2,550 00	24	18	17	14	Free.....	401 28
Shell Lake	540 00	2,080 00	14	17	5	9	Free.....	1,062 50
Shullsburg	617 50	2,261 00	21	22	16	11	No.....	401 28
Soldiers Grove.....	495 00	1,990 00	16	9	13	9	No.....	401 28
South Milwaukee.....	605 63	3,772 50	28	14	15	19	No.....	401 28
South Wayne.....		855 00	11	10			No.....	
Sparta.....	775 00	6,200 00	70	62	59	36	Free.....	401 28
Spooner	472 50	1,755 00	21	15	5	4	Free.....	401 28
Spring Green.....	540 00	2,160 00	16	8	15	9	No.....	401 28
Spring Valley.....	562 50	2,125 00	20	14	19	13	Free.....	401 28
St. Croix Falls.....	562 50	2,225 00	16	8	13	7	Free.....	401 28
Stanley.....	594 00	2,828 00	35	27	17	13	Free.....	401 28
Stevens Point.....	765 42	4,555 50	58	37	36	30	No.....	401 28
Stockbridge	450 00	1,170 00	9	6	10	2	Free.....	401 28
Stoughton.....	623 57	6,335 00	73	80	41	35	Free.....	401 28
Sturgeon Bay.....	613 64	4,225 00	54	38	35	28	No.....	401 28
Sun Prairie.....	555 10	2,665 00	21	16	16	17	No.....	401 28
Thorp.....	540 00	1,305 00	16	20	8	1	Free...	401 28
Tigerton.....	540 00	1,340 00					Sold.....	400 00
Tomah	616 10	4,820 50	74	63	38	25	Free.....	401 28

Statistical Tables.

Statistical Tables.

Tomahawk.....	621 00	4,455 00	43	32	18	16	Free.....	401 28
Trempealeau.....	495 00	1,300 00	8	13	13	0	No.....	401 28
Two Rivers.....	631 25	4,075 00	34	17	11	3	Free.....	401 28
Union Grove.....	571 50	1,863 00	18	21	22	8	No.....	401 28
Verona.....	540 00	1,540 00	18	9	9	13	Sold.....	747 50
Viola.....	585 00	1,350 00	26	10	9	6	Free.....	401 28
Viroqua.....	617 00	5,167 00	65	53	40	29	Free.....	401 28
Waldo.....	540 00	1,350 00	13	20	15	12	Sold.....	401 28
Walworth.....	517 50	1,885 00	22	15	14	7	No.....	401 28
Washburn.....	675 00	4,315 00	62	27	33	14	Free.....	401 28
Waterford.....	581 88	1,923 75	16	9	8	7	No.....	1,394 37
Waterloo.....	567 00	2,417 50	24	16	22	11	Free.....	401 28
Watertown.....	750 00	6,150 00	80	67	59	57	Free.....	401 28
Waukesha.....	705 00	8,195 00	105	81	48	30	Sold.....	401 28
Waunakee.....	675 00	1,925 00	19	14	6	4	Sold.....	725 00
Waupaca.....	572 00	4,200 00	56	56	28	19	Rented....	401 28
Waupun.....	557 50	2,432 50	33	16	18	25	No.....	401 28
Wausau.....	729 74	13,028 75	161	88	60	58	No.....	401 28
Wausaukee.....	450 00	1,525 00	15	4	2	1	Free.....	712 50
Wautoma.....	478 12	3,015 00	24	7	2	8	No.....	401 28
Wauwatosa.....	675 00	4,766 88	53	40	31	35	No.....	401 28
West Allis.....	687 50	3,065 00	31	14	9	5	No.....	401 28
West Bend.....	642 86	3,330 00	36	30	18	28	No.....	401 28
West De Pere.....	555 00	2,665 00	27	10	12	14	Free.....	401 28
Westfield.....	472 50	1,665 00	18	18	15	9	No.....	401 28
West Salem.....	517 50	2,622 50	10	16	17	14	Free.....	401 28
Weyauwega.....	472 50	1,945 00	22	16	15	15	Free.....	401 28
Whitehall.....	438 75	1,777 50	20	27	12	10	Sold.....	401 28
Whitewater.....	650 00	5,700 00	63	36	38	25	Sold.....	401 28
Wilmot.....	450 00	1,150 00	20	20	4	5	No.....	401 28
Wilton.....	495 00	1,175 00	10	15	7	8	No.....	401 28
Winneconne.....	495 00	1,990 00	30	15	14	10	Sold.....	401 28
Wittenberg.....	495 00	1,890 00	17	18	10	6	Sold.....	401 28
Wonewoc.....	517 50	2,135 00	20	11	13	4	Free.....	401 28

FREE HIGH SCHOOLS HAVING THREE YEAR COURSES, 1907-1908.

Location.	Average yearly salary of assistants.	Total amount of salaries of principal and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?	High school apportionment, November, 1907.
			1st. grade.	2nd grade.	3rd grade.	4th grade.		
Totals.....		\$2,653 00	33	28	37	.....	\$1,154 69
Friendship.....		675 00	4	3	14	0	No..... \$252 81	
Oakwood.....		700 00	10	8	8	0	No..... 266 85	
Reeseville.....	90	630 00	9	12	7	0	No.. .. 297 95	
Unity.....	405	648 00	10	5	8	0	Free..... 337 08	

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

Statistical Tables.

Location.	Principal.	Legal qualification of Principal	Salary of the Principal.	No. teachers employed.		ENROLLMENT IN HIGH SCHOOL.			
				Male.	Female.	Pupils under 20 years of age.			Pupils over 20.
						Male.	Female.	Total.	
Totals and averages.			\$1,906 15	94	155	2,993	3,363	6,356	52
Kilbourn	Chester W. Smith	Determined by local board.	\$1,080 00	1	2	35	43	98	....
La Crosse	Louis P. Benezet		1,600 00	7	12	218	279	497	4
Madison	J. H. Hutchison		2,200 00	5	18	267	313	580	22
Manitowoc (North Side)	Paul G. W. Keller		1,900 00	3	7	75	90	165	.....
Manitowoc (West Side)	T. W. Davies		1,600 00	3	4	72	42	114	.....
Menomonie	Geo. A. Works		1,600 00	4	5	118	120	238	11
Milwaukee (East Div.)	Geo. A. Chamberlain		2,450 00	11	15	326	371	697	2
Milwaukee (West Div.)	Chas. E. McLenegan		2,500 00	9	25	422	478	900	1
Milwaukee (North Div.)	Richard E. Krug		2,450 00	10	15	393	364	757	1
Milwaukee (South Div.)	Edward Rissman . . . . .		.....	12	16	300	328	628	4
Oshkosh	A. B. O'Neil		1,800 00	7	15	234	304	538	.....
Racine	E. W. Blackhurst		2,000 00	9	10	228	278	506	1
Superior (Dewey)	A. C. Shong		1,800 00	4	3	75	74	149	.....
Superior (Blaine)	S. A. Lynch	1,800 00	9	8	230	279	509	6	

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

Location.	Average daily attendance.	No. of days taught.	Pupils in English branches only.	Pupils in German.	Pupils in Latin.	Pupils in Greek.	Pupils in both Latin and German.	Pupils in both Latin and Greek.	Average age of pupils at entering high school.
Totals and averages.....	5,465	194	2,751	2,377	1,332	64	1,193	270	14.7
Kilbourn.....	65	180	52	26	.....	.....	.....	.....	14.0
La Crosse.....	371	200	111	164	192	9	24	9	15.3
Madison.....	517	185	30	256	240	17	390	.....	15.0
Manitowoc (North Side).....	140	198	105	33	33	.....	9	.....	14.3
Manitowoc (West Side).....	97	200	105	9	.....	.....	.....	.....	14.0
Menomonie.....	228	176	162	64	38	.....	19	.....	15.6
Milwaukee (East Division)...	555	200	190	328	173	7	94	7	14.0
Milwaukee (West Division)...	808	200	.....	338	.....	.....	.....	.....	14.0
Milwaukee (North Division)..	597	200	321	343	124	13	49	13	14.9
Milwaukee (South Division)..	619	200	589	297	223	18	520	241	15.3
Oshkosh.....	459	197	243	211	84	.....	4	.....	15.4
Racine.....	469	200	507	115	108	.....	34	.....	14.5
Superior (Dewey).....	125	190	34	47	12	.....	12	.....	15.0
Superior (Blaine).....	415	190	302	146	105	.....	38	.....	14.6

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	GRADUATES, 1907.		NO. GRADUATES, 1907, WHO HAVE TAUGHT SINCE.		GRADUATES, THIS YEAR.		GRADUATES SINCE ORGANIZATION OF SCHOOL.		Is school on university accredited list.	No. non-resident pupils during year.	Rate tuition non-residents per month.	Total amount received for tuition.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
Totals and averages...	267	401		14	310	452	2,839	4,435		267	\$3.14.	\$8,316 50
Kilbourn.....	6	5	.....	2	3	6	86	170	Yes...	22	.....	\$330 00
La Crosse.....	9	30	.....	.....	24	26	209	418	Yes...	8	\$2 40	178 00
Madison.....	40	57	.....	2	34	48	572	901	Yes...	40	2 40	960 00
Manitowoc (North Side)...	6	9	.....	.....	8	16	178	169	Yes...	20	2 00	376 50
Manitowoc (West Side)...	3	9	.....	2	9	7	60	59	Yes...	4	2 00	84 50
Menomonie.....	23	14	.....	3	19	24	233	259	Yes...	53	3 00	1,285 50
Milwaukee (East Division)	30	47	.....	.....	39	65	.....	.....	Yes...	17	5 00	500 00
Milwaukee (West Division)	6	67	.....	.....	43	59	316	568	Yes...	10	5 00	250 00
Milwaukee (North Div.)...	11	23	.....	.....	30	27	41	50	Yes...	17	5 00	.....
Milwaukee (South Div.)...	36	39	.....	.....	42	42	318	390	Yes...	50	5 00	2,500 00
Oshkosh.....	23	25	.....	3	10	37	256	432	Yes...	26	1 00	260 00
Racine.....	23	30	.....	.....	13	50	323	664	Yes...	.....	4 00	1,592 00
Superior (Dewey).....	5	11	.....	1	5	11	66	115	Yes...	.....	2 00	.....
Superior (Blaine).....	26	35	.....	1	31	34	181	240	Yes...	.....	2 00	.....

Statistical Tables.

INDEPENDENT HIGH SCHOOLS HAVING FOUR YEAR COURSES, 1907-1908.

LOCATION.	Average yearly salary of assistants.	Total am't of salaries of principals and assistants.	TOTAL NUMBER PUPILS ENROLLED.				Does H. S. district furnish text books? If so, free, rented or sold?
			1st grade.	2d grade.	3d grade.	4th grade.	
Totals and averages...	\$884 73	\$229, 708 25	2, 868	1, 603	1, 039	896	.....
Kilbourn.....	\$562 50	\$1, 642 50	34	20	15	9	No.
La Crosse.....	860 00	16, 242 29	265	131	59	46	Free.
Madison.....	749 03	18, 678 75	174	175	145	108	No.
Manitowoc (North Side)..	817 00	9, 250 00	67	42	28	28	Yes.....
Manitowoc (West Side)...	800 00	6, 400 00	54	21	16	23	Free.
Menomonie.....	850 00	7, 754 71	73	71	56	49	No.
Milwaukee (East Div.)....	1, 008 70	26, 660 00	296	157	131	106	No.
Milwaukee (West Div.)....	1, 075 00	27, 145 00	410	231	137	122	No.
Milwaukee (North Div.)...	1, 048 00	27, 600 00	421	170	97	70	No.
Milwaukee (South Div.)...	1, 166 00	30, 320 00	316	137	93	84	No.
Oshkosh.....	800 00	19, 325 00	227	139	83	99	No.
Racine.....	875 00	16, 650 00	238	133	70	66	No.
Superior (Dewey).....	910 00	7, 265 00	66	34	33	16	Free.
Superior (Blaine).....	865 00	14, 775 00	227	142	76	70	Free.

Statistical Tables.

STATE GRADED SCHOOLS, 1907-1908.

FIRST CLASS.

13-S-II

LOCATION.	No. of departments.		ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
	No. of months taught.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Totals.....	695	1,549½	13,006	12,911	25,917	9,103	9,275	18,455	452	592	1044	\$337,651 75	\$15,451 02	\$14,044 78	\$24,085 28	\$104,078 31	\$143,926 04	\$639,237 18
Ablemans.....	4	9	60	53	113	48	44	92	2	3	5	\$1,647 00	\$41 00	\$52 00	\$250 00		\$300 66	\$2,590 66
Abrams.....	3	9	65	50	115	40	33	73	4	3	7	1,314 00	56 87	170 10	56 33		1,322 95	2,920 25
Amberg.....	3	9	53	61	114	34	29	63				1,485 00	86 62	271 09	227 10		712 02	2,781 83
Antigo.....	3	9	61	51	112	39	33	72	2	2	4	1,215 00		24 21	81 81	\$498 00	342 06	2,161 08
Apollonia.....	3	9	54	48	102	33	28	61	2	2	5	1,158 00	23 36	27 84			348 09	1,557 29
Arbor Vitae..	5	9	124	160	284	88	103	191	2	2	11	2,700 00	20 10	110 99	33 25		1,095 30	3,959 64
Arena.....	4	9	43	53	96	33	42	75	6	1	7	1,716 00		23 03			332 85	2,071 88
Bagley.....	4	9	57	47	104	43	36	79	3	3	6	1,414 25	20 25		188 00		490 65	2,113 15
Balsam Lake..	3	9	34	45	79	24	29	53	2	4	6	1,260 00	46 35	17 46	260 54		1,094 23	2,678 58
Baraboo.....	3	9	49	53	102	39	41	80	2	5	7	1,395 00	137 76	79 63	118 50		387 27	2,118 16
Barneveld.....	3	9	50	44	94	34	31	65	3	3	6	1,368 00	5 00				385 45	1,758 45
Birchwood.....	4	9	69	73	142	41	51	92	1	3	4	1,710 00	427 16		130 93		358 78	2,626 87
Black Creek..	3	9	74	67	141	49	48	97	1	3	4	1,188 00	83 55		8 00	384 00	285 01	1,948 56
Brooklyn.....	4	9	68	74	142	62	57	119	6	5	11	1,895 25	500 60	88 00	474 37	37 11	435 38	3,430 71
Bruce.....	6	9	122	144	266	78	87	165	4	6	10	2,565 00	260 03	171 61	305 48		2,638 46	5,940 58
Butternut.....	6	9	125	112	237	109	102	211				3,735 00		263 07	38 42		693 24	4,729 73
Cameron.....	4	9	95	90	185	70	61	131	8	7	15	1,855 50	24 50	81 59	50 00	1,197 97	773 63	3,983 19
Campbell's Pt.	4	9	47	45	92	32	30	62				1,305 00	5 00	5 95	1,096 70		303 20	2,715 85
Camp Douglas	4	9	89	85	174	64	66	130	4	5	9	1,725 00		65 71	15 20		508 32	2,314 23
Catawba.....	3	9	52	56	108	27	39	66	2	9	8	1,250 00	584 50		93 11	2,643 89	636 57	5,308 07
Cecil.....	3	9	51	56	107	45	42	87	2	1	3	1,395 00	28 00	10 33			641 01	2,074 34
Cedar Falls..	3	9	45	44	89	40	35	75	2	3	5	1,170 00	73 63	14 72	80 09		517 75	1,856 19
Cedar Grove..	3	9	40	43	83	30	26	56	2	2	2	1,080 00	144 95	38 18			351 65	1,614 78
Chelsea.....	3	9	39	28	67	30	19	49	6	3	9	1,395 00	90 16	52 08	44 50		236 98	1,818 72
Clear Lake....	3	9	62	68	130	42	41	83	2	2	2	2,250 00		204 00	105 56		384 37	2,943 93
Coleman.....	3	9	92	87	179	70	53	123	2	2	2	1,395 00	10 00	74 64	58 60		233 58	1,771 82
Colfax.....	5	9	91	99	190				5	6	11	2,370 00	128 11		112 46		1,749 72	4,360 29
Com'nwealth.	4	9½	81	80	161	64	63	127	1	4	5	2,105 00	41 86	126 37	306 70		1,080 27	3,660 20

Statistical Tables.

STATE GRADED SCHOOLS, 1907-1908—Continued.

FIRST CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New build-ings.	All other purposes.	Total.
Corliss.....	3	9	61	59	120	38	38	76	1	1	2	\$1,305 00	\$633 98	\$61 56	.....	\$459 81	\$2,016 64	\$4,476 99
Cottage Grove.....	3	9	36	44	80	24	32	56	1	4	5	1,002 50	29 25	24 48	.....	.....	535 61	1,648 34
Dallas.....	3	9	29	50	79	18	30	48	4	6	10	1,350 00	.....	125 14	.....	.....	102 28	1,577 42
Deer Park.....	3	9	80	73	153	55	50	105	3	6	9	1,305 00	.....	89 00	400 73	.....	346 18	2,140 91
De Forest.....	3	9	56	54	110	33	34	67	4	2	6	1,551 25	56 47	47 57	57 75	.....	847 09	2,560 13
De Soto.....	3	9	57	42	99	42	32	74	1	6	7	1,350 00	27 31	28 23	212 05	.....	179 00	1,796 59
Dorchester.....	4	9	89	81	170	62	50	112	1	1	2	1,800 00	188 00	66 00	70 00	.....	760 36	2,884 36
Downing.....	4	9	43	60	103	26	47	73	1	7	8	1,676 25	.....	60 23	200 95	.....	363 49	2,300 92
Downsville.....	3	9	50	66	116	30	42	72	2	4	6	1,625 00	65 00	17 91	197 59	.....	432 46	2,337 96
Dunbar.....	6	9	89	89	178	61	58	119	1	2	3	3,008 55	44 00	211 52	223 53	.....	1,279 97	4,767 57
Eagle.....	3	9	42	38	80	32	32	64	3	3	6	1,437 50	.....	.....	150 00	657 50	432 51	2,677 51
Eau Galle.....	3	9	49	66	115	35	50	85	2	8	10	1,323 00	38 09	146 00	43 64	.....	298 10	1,788 83
Edgar.....	5	9	90	106	196	67	86	153	3	4	7	2,632 50	75 82	21 13	14 55	780 00	638 38	4,162 38
Eland.....	3	9	50	78	128	31	62	93	.....	.....	.....	1,476 00	66 25	133 52	190 00	.....	235 67	2,101 44
Eleva.....	4	9	60	54	114	55	46	101	.....	3	3	1,935 00	70 00	48 39	23 66	.....	2,702 29	4,839 34
Elkhart.....	4	9	64	71	135	53	61	114	6	5	11	1,755 00	.....	34 20	112 62	.....	552 89	2,454 71
Elk Mound.....	3	9	46	56	102	32	29	61	6	6	12	1,440 00	21 35	64 48	34 86	.....	1,000 43	2,561 12
Elmwood.....	4	9	88	70	158	64	50	114	.....	5	5	1,876 25	147 68	.....	382 22	.....	466 11	2,872 26
Embarrass.....	3	9	50	44	94	33	30	63	.....	3	3	1,267 50	.....	50 00	130 50	.....	621 21	2,069 21
Endeavor.....	3	9	60	72	132	48	53	101	8	9	17	1,180 00	27 40	51 94	44 95	320 00	391 84	2,016 13
Ettrick.....	3	9	50	47	97	36	39	75	3	7	10	1,327 50	190 00	242 19	.....	4,474 24	182 58	6,416 51
Fall Creek.....	4	9	89	87	176	62	70	132	3	4	7	1,800 00	20 50	91 90	357 30	.....	491 31	2,761 01
Fall River.....	4	9	87	66	153	61	49	110	2	3	5	1,530 00	20 00	75 00	10 00	.....	1,095 97	2,730 97
Fernwood.....	3	10	60	65	125	49	53	102	3	4	7	1,800 00	.....	.....	161 60	.....	882 13	2,843 73
Fifield.....	5	9	61	69	130	39	51	90	2	9	11	2,025 00	31 44	139 65	1,007 50	.....	968 49	4,172 08
Fontana.....	4	9	54	45	99	.....	.....	77	2	4	6	1,755 00	184 32	.....	.....	.....	1,470 79	3,410 11
Footville.....	3	9	41	41	82	27	30	57	.....	.....	.....	1,305 00	.....	16 96	188 19	.....	185 92	1,696 07
Fredonia.....	3	9	45	36	81	30	26	56	1	1	2	1,417 50	.....	20 60	34 90	.....	359 20	1,832 20
Frederic.....	5	9	112	96	208	65	69	134	1	3	4	2,083 25	100 00	120 28	128 19	26 00	1,140 59	3,598 31
Gays Mills.....	3	9	52	85	137	29	56	85	3	4	7	1,597 50	6 51	93 00	15 48	272 57	463 92	2,445 98
Genoa Jet.....	6	9	87	98	185	69	78	147	.....	.....	.....	2,958 17	646 72	.....	295 75	3,929 49	1,902 67	9,732 80

Statistical Tables.

Statistical Tables.

Glen Flora.....	4	9	76	85	161	32	57	89	1	1	2	1,935 00		188 87	65 47			416 31	2,605 65
GHidden.....	8	9	133	147	280	99	110	209	3	3	6	4,050 00	270 00	402 00	100 00			1,086 94	5,908 94
Grafton.....	3	10	59	58	117	46	47	93	3	2	5	1,650 00	50 56		73 87	120 32		897 93	2,792 68
Granton.....	4	9	51	54	105	38	41	79	3	5	5	1,463 00		81 78	124 62			415 42	2,084 82
Gratiot.....	4	9	76	67	143	54	57	111	4	3	2	1,800 00	37 25	13 03		650 00		409 58	2,909 86
Greenbush.....	3	9	35	37	72	28	29	57	2	2	4	1,215 00						172 23	160 82
Hackley.....	4	9	61	73	134	36	46	82	3	3	6	2,005 00	50 00	450 00			172 23	1,548 05	3,360 75
Hancock.....	4	9	84	86	170	42	56	98	1	2	3	1,890 00	9 25					630 00	1,368 54
Hartland.....	5	9	92	95	187	53	84	137	5	13	18	2,295 00						117 41	10,157 80
Haugen.....	4	9	75	62	137	46	33	79	3	3	3	1,315 00						518 97	2,937 13
Hawkins.....	3	9	40	57	97	23	39	62	1	2	2	1,400 00		65 17	239 84	499 96		3,08 03	2,573 00
Hazelhurst.....	3	9	72	69	141	46	43	89	2	2	3	1,640 00		11 75	55 62	182 57		282 50	2,172 44
Hersey.....	3	9	68	65	133	45	46	91	5	1	6	1,376 67	99 76			10 00	410 47	1,628 09	3,584 99
Hilbert.....	4	9	61	54	115	38	42	80	1	2	3	1,845 00						1,648 24	3,493 24
Hixton.....	3	9	60	55	115	41	33	74	3	1	4	1,242 00	200 00					1,592 00	3,584 66
Hustisford.....	3	10	44	45	89	25	36	61				1,450 00			31 59	79 20		1,023 87	2,584 66
Ingram.....	4	9	76	71	147	51	48	99	3	4	7	1,965 00	381 61	240 95				1,114 25	3,904 80
Iron Belt.....	8	10	184	191	375	128	134	262	4	5	9	5,125 00	719 32	90 00	800 00	3,000 00		2,476 36	12,210 68
Ithaca.....	3	9	33	50	83	22	38	60	2	3	5	1,192 50	9 00	8 00	5 00			89 00	1,303 50
Junction City.....	3	9	49	52	101	24	24	48		2	2	1,116 00	114 00	6 65	69 92			137 81	1,444 38
Kenan.....	3	9	32	54	86	23	36	59		2	2	1,478 00	90 80	33 91	6 93			258 52	1,868 16
Knapp.....	4	9	64	82	146	51	61	112	1	6	7	1,725 00	48 98	56 94				425 52	2,271 44
Lac du Flam- beau.....	4	9	65	64	129	47	44	91				2,025 00	63 70	97 19	220 00	874 70		428 71	3,709 30
Lake Nebaga- mon.....	6	9	95	92	187	70	67	137				2,805 00		148 61	53 53			777 86	3,785 00
Laona.....	4	9	78	76	154	57	56	113	1	1	2	2,070 00	196 15	57 85		299 06		1,508 30	4,131 36
La Valle.....	3	9	53	70	123	36	52	88	2	5	7	1,530 00	129 00	48 56			10,407 32	981 50	13,096 38
Layton Park.....	8	10	252	232	484	171	178	349	8	4	12	5,250 00		95 44	100 00			1,146 31	6,591 75
Leadmine.....	3	9	45	51	96	28	28	56		2	2	1,215 00	9 00	17 50	18 00			111 54	1,371 04
Lena.....	4	9	66	66	132	50	45	95		1	1	1,747 50	27 85	36 43	705 11			447 19	2,964 08
Little Chute.....	3	10	65	34	99	41	28	69				1,420 00	60 00	49 13	45 09	540 00		453 97	2,568 19
Livingston.....	3	9							1	1	2	1,420 00				214 32		636 86	2,271 18
Lowell.....	3	9	49	53	102	34	34	68	3	4	7	1,417 50	363 87	20 00		1,733 16		577 51	4,112 04
Luck.....	3	9	86	52	138	54	35	89	5	2	7	1,458 00	219 10			25 33		224 29	1,926 72
Maiden Rock.....	3	9	48	71	119	36	52	88	3	6	9	1,575 00						568 05	12,684 08
Manawa.....	6	9	142	117	259	108	83	191	8	11	19	2,584 00	10 66	51 24	57 73			1,346 91	5,475 54
Marshall.....	3	9	48	49	97	31	33	64	3	5	8	1,233 00	278 76	45 00				1,556 76	4,236 43
Mason.....	5	9	82	72	154	67	61	128	3	4	7	3,032 50	120 00	248 00	123 43			712 50	6,236 43
Mattoon.....	7	9	154	161	315	110	113	223	5	7	12	3,195 00		193 21	20 25			2,059 64	6,068 10
McFarland.....	4	9	45	50	95	30	37	67	8	4	12	1,440 00	66 70	14 85	102 72			492 91	2,117 18
Melrose.....	3	9	82	49	131	60	32	92	1	3	4	1,305 00	285 51	85 95	100 89			293 14	2,070 49
Merrimac.....	3	9	60	48	108	33	38	71	1	2	3	1,269 00			71 26	248 33		316 72	1,905 31
Middleton.....	3	9	78	84	162	55	55	110	3	5	8	1,170 00	15 80	4 53				456 10	1,667 93
Milladore.....	3	9	49	61	110	36	46	82		5	5	1,152 00	154 04					446 24	1,812 15
Milwaukee.....	4	10	78	62	140	62	44	106	1	1	2	2,162 25	52 60	46 78				377 95	2,703 78
Milwaukee.....	7	10	96	122	218	64	83	147	1	3	4	4,080 25	12 00	45 95	257 35			1,303 61	5,699 16
Milwaukee.....	13	10	336	280	616	241	220	461	13	4	17	8,625 00			991 90			1,085 72	11,302 62

STATE GRADED SCHOOLS, 1907-1908—Continued.

FIRST CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Milwaukee....	11	10	364	345	709	291	274	565	8	4	12	\$7,685 00	\$84 31	\$116 85	\$647 72		\$1,296 18	\$9,833 06
Milwaukee....	8	10	276	227	503	209	167	376	8	6	14	6,870 00	453 00	153 00		5,803 91	4,755 37	18,035 28
Milwaukee....	9	10	126	110	236	100	89	189	1	3	4	3,446 25		62 07	89 17		3,712 70	7,310 19
Milwaukee....	8	10	207	196	403	145	134	279				5,600 00	57 97	46 53	44 31		849 60	6,598 41
Milwaukee (East).....	3	10	55	51	106	41	38	79	2	2	4	1,650 00			105 51	4,815 00	2,457 02	9,027 53
Milwaukee....	4	10	122	110	232	109	70	179	4	2	6	2,550 00	76 32	154 32	274 37		594 10	3,649 11
Minocqua....	4	9	66	58	124	43	47	90	2	3	5	1,980 00	200 00	500 00	200 00			2,880 00
Mishicot....	3	9	56	56	112	45	46	91	8	3	11	1,656 00	155 00	25 00	30 00	900 00	481 01	3,247 01
Montfort....	4	9	89	61	150	65	44	109	6	5	11	1,341 00	55 77	64 86			254 53	1,716 16
Monticello....	6	9	97	90	187	72	74	146	1	4	5	2,807 00	25 00	187 24	56 40		640 83	3,716 47
Nekoosa....	3	9	153	154	307	103	109	212		2	2	3,690 00	54 65	53 29	153 38		1,134 66	5,085 98
New Auburn..	3	9	68	57	125	45	38	83	4	5	9	1,237 50		73 29	67 58		315 58	1,695 95
New Glarus..	6	9	115	106	221	92	82	174		1	1	2,650 00		398 53			1,059 96	4,048 49
Niagara....	8	10	201	140	341	139	101	240	3	5	8	4,380 00	129 47	72 80	115 82	511 00	717 49	5,926 58
N. Crandon....	4	9	42	51	93	31	38	69	2	2	4	1,855 00	62 00	124 00	300 00	15,843 00	3,192 57	21,376 57
N. Fond du Lac	8	9	204	203	407	152	156	308	8	10	18	3,600 00	309 02		44 70		1,980 75	5,934 47
N. Freedom....	5	9	81	55	136	60	42	102	6	5	11	1,854 00	5 60	39 98	36 00		491 54	2,427 12
N. Hudson....	3	9	44	37	81	31	26	57	6	3	9	1,248 00		44 66	49 02		295 24	1,636 92
N. Milwaukee	8	10	196	187	383	136	136	272	7	5	12	5,050 00	5 50	54 63	52 53	1,375 82	5,826 95	12,365 43
Orfordville... Osseo.....	3	9	47	47	94	34	40	74	1	3	4	1,440 00	16 32	119 80	51 33		1,008 55	2,636 00
Owen.....	4	9	67	110	177	40	81	121	4	11	15	1,800 00		60 32	51 00		653 55	2,564 87
Patch Grove..	3	9	99	107	206	82	80	162	5	4	9	2,385 00		1,553 13		11,546 05	2,112 61	17,596 79
Plover.....	3	9	29	35	64	21	25	46		1	1	1,215 00		73 58	77 15		471 34	1,837 07
Plum City....	3	9	52	52	104	37	38	75	2	4	6	1,305 00					359 28	1,664 28
Port Edwards	3	9	57	36	93	41	23	64	4	5	9	1,530 00	31 88	80 36	74 30		247 40	1,903 94
Port Wing....	3	9							4	2	6	1,395 00	143 56				896 24	2,434 80
Prairie Farm..	4	9	71	64	135	57	53	110	1	3	4	1,898 12	248 91		321 33		1,395 25	3,863 61
Readstown....	3	9	37	64	101	23	41	64	4	7	11	1,215 00	67 82	51 97		476 24	164 77	1,975 80
Red Granite..	4	9	66	64	130	32	38	70				1,735 00	10 95	8 10			735 83	2,489 88
	4	9	83	88	171	53	56	109	1		1	1,575 00	60 88	37 43	19 90		1,099 92	2,793 13

Statistical Tables.

Statistical Tables.

Reedsville.....	4	9	95	80	175	71	66	137	4	...	4	1,863 00	69 11	57 32	204 38	1,632 81	3,826 62
Ridgeway.....	4	9	81	79	160	57	56	113	6	9	15	1,800 00	50 00	30 00	200 00	968 62	3,048 62
Rio.....	5	9	97	113	210	60	79	139	4	4	8	2,385 00	284 64	.....	140 03	847 84	3,657 51
Roberts.....	4	9	47	58	105	27	46	73	2	3	5	1,350 00	.....	70 92	211 56	370 45	2,242 93
Royalton.....	3	9	48	61	109	35	41	76	2	5	7	1,395 00	30 70	38 91	.....	312 05	1,776 66
Saxon.....	3	9	64	62	126	38	39	77	2	4	6	1,655 00	166 52	28 55	170 30	372 50	2,392 87
Scandinavia..	3	9	43	47	90	33	39	72	1	5	6	1,485 00	34 45	45 32	103 00	991 26	2,659 03
Schofield.....	5	9	136	114	250	93	92	185	3	5	8	2,307 49	296 00	99 49	204 86	227 02	3,302 85
Sherry.....	3	9	34	40	74	22	30	52	1	2	3	1,080 00	106 66	26 17	234 44	449 07	1,896 34
Shiotoon.....	4	9	57	75	132	40	56	96	3	6	9	1,642 50	100 15	10 03	79 78	350 78	2,183 24
South Wayne.	3	9	48	49	97	34	41	75	2	4	6	1,485 00	27 15	37 05	106 04	1,161 75	2,816 99
Spencer.....	3	9	40	55	95	33	40	73	.....	.....	.....	1,305 00	24 38	8 41	18 35	188 81	1,544 95
Stockholm.....	3	9	50	43	93	37	32	69	2	1	3	1,174 50	42 79	16 24	54 80	777 79	2,066 12
Stratford.....	4	9	71	67	138	50	47	97	.....	4	4	1,822 50	.....	46 27	63 54	608 70	379 31
Theresa.....	3	9	44	47	91	30	34	64	3	1	4	1,500 00	169 00	76 59	1,300 00	1,714 82	2,949 67
Thiensville..	3	10	39	44	83	32	34	66	5	5	5	1,600 00	.....	75 00	189 49	600 00	485 18
Three Lakes..	4	9	63	87	150	41	58	99	2	4	6	2,700 00	110 80	82 84	.....	3,502 64	1,783 12
Tigerton.....	6	9	139	116	255	98	88	186	7	8	15	2,280 00	.....	291 58	41 10	221 93	1,302 36
Tony.....	4	9	77	80	157	60	62	122	5	4	9	2,700 00	351 75	47 80	.....	448 25	2,179 92
Turtle Lake..	3	9	59	66	125	40	41	81	.....	1	1	1,408 50	.....	.....	50 00	.....	468 80
Wabeno.....	7	9	159	156	315	104	103	207	.....	.....	.....	3,140 00	75 19	348 15	143 28	2,795 31	6,501 93
Warrens.....	3	9	47	49	96	39	38	77	.....	.....	.....	1,341 00	5 00	3 48	11 99	563 50	1,924 97
Waterford....	3	9	38	33	71	30	26	56	4	3	7	1,485 00	.....	43 60	81 67	1,159 63	2,769 90
Waukau.....	3	9	47	56	103	29	39	68	1	2	3	1,485 00	.....	19 10	592 68	536 76	2,633 54
Wauzeka.....	4	9	51	49	100	43	43	86	7	5	12	1,575 00	9 21	.....	225 87	391 25	2,201 33
Westboro....	6	9	119	104	223	73	68	141	2	8	10	3,015 00	198 40	47 02	227 09	809 10	4,296 61
Westby.....	5	9	84	82	166	69	74	143	4	11	15	2,124 00	.....	67 91	80 31	670 31	2,942 53
Weyerhauser.	4	9	78	68	146	64	45	109	1	4	5	1,870 00	37 06	174 35	134 22	583 91	2,799 54
Whitefish Bay	3	10	47	49	96	35	37	72	5	6	11	1,900 00	.....	107 58	223 00	629 85	2,860 43
Wild Rose....	5	9	80	71	151	59	59	118	.....	.....	.....	2,205 00	15 70	29 71	40 10	933 60	3,224 11
Williams Bay.	4	9	54	46	100	33	33	66	1	6	7	1,755 00	1,168 94	79 98	17 94	588 82	3,610 68
Wilson.....	3	9	25	52	77	20	40	60	3	9	12	1,215 00	9 35	.....	.....	2,682 67	729 69
Withee.....	5	9	73	93	166	50	80	130	.....	.....	.....	2,295 00	51 00	243 47	262 00	1,502 14	4,353 61
Woodville....	3	9	35	53	88	22	40	62	3	2	5	1,350 00	11 50	.....	42 87	231 16	1,635 53
Wycocena....	4	9	71	57	128	47	37	84	3	3	6	1,755 00	.....	15 72	18 35	407 27	2,196 34

STATE GRADED SCHOOLS, 1907-1908—Continued.

SECOND CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Totals	509	2,285	9,656	9,497	19,153	6,250	6,367	12,617	344	527	871	\$212,967 58	\$17,180 47	\$6,641 12	\$18,817 66	\$58,178 63	\$59,531 80	\$373,317 26
Adell	9	9	37	38	75	25	28	53	5	3	8	\$855 00	\$160 83		\$40 41		\$43 25	\$1,099 49
Advance	9	9	53	24	77	31	17	48				900 00	187 06	\$42 19	166 33		85 58	1,381 16
Afton	9	9	34	19	53	25	15	40	2		2	787 50	9 64	80 70	2 30		143 65	1,023 79
Albion	9	9	27	33	60	20	22	42	4	1	5	810 01	5 80	12 28			110 63	938 72
Allen Grove ..	9	9	31	28	59	20	16	36	1	3	4	855 00	17 13	10 14	8 50		105 42	996 19
Amherst Jct. ..	9	9	33	27	60	17	17	34				675 00			192 44		261 91	1,129 35
Angelo	9	9	34	36	70	24	21	45				673 00	15 40	56 37	33 14		103 52	881 43
Aniwa	10	9	44	52	96	28	39	64	2	3	7	1,050 00	137 30		25 60		723 55	1,936 45
Arcadia	9	9	32	36	68	17	23	40		3	3	765 00	15 95	29 50	10 00		201 53	1,021 98
Arkansaw	9	9	34	34	68	23	27	50	2		2	900 00	84 90	9 10	12 00	\$514 00	36 66	1,556 66
Arkansaw	9	9	48	45	93	34	30	64				900 00	27 71	5 25			164 88	1,097 84
Arlington	9	9	26	40	66	16	25	41				810 00	14 00		20 00	136 06	610 43	1,590 49
Arthur	9	9	34	28	62	25	23	48			1	765 00	183 22	26 25	24 00		137 11	1,135 58
Atlanta	9	9	33	31	64	21	18	39			1	900 00	41 60	39 27	50 11		69 10	1,100 08
Auburndale ..	9	9	29	37	66	21	28	49	2	2	15	945 75	212 00	26 00	218 64		257 64	1,660 03
Augusta	9	9	41	37	78	23	39	62	2	2	4	675 00	15 00	39 15	16 54		225 82	969 51
Auroraville ..	9	9	31	36	67	15	25	40	1	3	4	765 00	5 92	5 32	498 07	359 50	109 85	1,743 66
Bailey's Har- bor	9	9	36	39	75	27	26	53	2	4	6	900 00	130 00	13 85	17 00		148 04	1,208 89
Bancroft	9	9	31	34	65	24	29	53				735 00	21 00	9 00	50 00	1,150 00	188 77	2,153 77
Baraboo	9	9	38	30	68	23	19	42	1	3	4	720 00	41 70	28 82	95 50		185 85	1,071 87
Bay City	9	9	36	30	66	19	31	50	1	2	3	810 00	52 71	13 02		2,240 95	570 96	3,687 64
Beldenville ..	9	9	37	44	81	21	25	46				846 08	114 00	18 71	10 75		627 77	1,617 31
Belle Center ..	9	9	34	31	65	20	19	39		1	1	765 00	13 00	50 11	20 75		111 63	960 49
Bennett	9	9	28	23	51	13	17	30				855 00	30 00	15 00	90 00		170 00	1,160 00
Big Falls	9	9	65	78	143	32	37	69				900 00	200 00	42 94	41 46		398 707	1,582 47
Blk. Riv. F'lls	9	9	35	38	73	18	23	41				675 00	3 28	12 58	17 95		183 70	892 51

Statistical Tables.

Statistical Tables.

Blue Mounds	9	32	27	59	23	18	41	1	...	1	922 50	22 93	24 07	251 00	...	46 30	1,266 80
Blue River	9	43	68	111	28	45	73	2	4	6	750 00	121 71	7 46	54 57	...	210 39	1,144 13
Boaz	9	57	54	111	33	35	68	4	3	7	810 00	24 34	23 43	30 00	...	300 43	1,188 20
Boltonville	9	34	35	69	22	24	46	2	3	5	895 00	9 31	9 50	56 18	305 25	120 38	1,395 62
Boyceville	9	36	29	65	23	18	41	...	3	3	765 00	...	22 71	111 86	...	173 52	1,073 09
Branch	9	49	45	94	39	32	71	4	4	8	855 00	11 00	...	155 14	1,378 00	275 56	2,674 70
Bristol	9	33	39	72	24	30	54	3	5	8	900 00	12 40	5 80	...	547 49	187 20	1,652 89
Brokaw	9	37	57	94	26	42	68	1	1	2	1,145 00	8 45	...	17 24	619 05	287 34	2,077 08
Brookfield	9	36	36	72	21	33	54	...	...	...	765 00	171 00	...	156 17	...	171 32	1,263 49
Brookside	9	51	36	87	41	26	67	3	...	3	787 00	10 00	28 40	35 15	...	124 35	984 90
Brownstown	9	39	45	84	24	28	52	1	...	1	765 00	...	17 00	39 60	...	283 71	1,104 71
Bryant	9	33	27	60	23	17	40	2	...	2	810 00	...	45 00	151 55	4,259 58	210 76	5,476 89
Bundy	9	29	50	79	18	27	45	...	...	...	1,485 00	161 70	9 16	272 00	...	410 62	2,338 48
Burnett	9	34	19	53	24	13	37	3	1	4	855 00	27 23	17 88	37 35	...	216 88	1,231 61
Cable	9	34	39	73	23	27	50	1	2	3	1,158 75	90 00	75 00	355 00	...	146 27	1,805 02
Campbellsp'rt	9	22	33	55	18	20	38	...	...	...	810 00	...	20 44	9 24	...	584 30	1,424 68
Campbell	9	51	26	77	30	18	48	2	1	3	675 00	139 50	...	13 20	...	186 82	1,014 52
Carlton	9	40	28	68	27	18	45	2	1	3	904 50	503 50	12 00	75 00	50 00	404 34	1,949 34
Cascade	9	42	60	102	31	39	70	3	3	6	855 00	...	...	...	...	203 73	1,058 73
Casco	9	65	70	135	44	40	84	...	3	3	922 50	49 92	11 60	1 50	...	275 85	1,261 37
Casco	9	51	46	97	25	26	51	2	1	3	778 00	150 00	43 00	45 00	2,592 00	100 00	3,768 00
Catawact	9	50	43	93	30	28	58	1	1	2	720 00	27 28	57 07	147 97	...	43 42	995 74
Cato	9	28	21	49	25	22	47	...	...	...	763 00	646 47	...	...	2,572 14	1,016 31	4,997 92
Cazenovia	9	46	51	97	27	38	65	3	3	6	840 00	2 97	7 23	259 70	...	265 08	1,314 98
Centuria	9	52	55	107	36	33	69	3	7	10	855 00	201 34	22 51	70 54	...	257 44	1,406 53
Charlestown	9	30	33	63	23	26	49	3	2	5	770 00	117 70	16 65	18 82	...	93 62	1,016 79
Clear Lake	9	41	26	67	20	14	34	...	...	...	810 00	10 25	75 00	240 00	...	203 76	1,339 91
Cochrane	9	47	36	83	34	26	60	4	...	4	770 00	13 75	54 28	10 35	...	112 20	960 68
Coloma	9	62	59	121	40	39	79	...	...	...	720 00	...	122 90	6 50	8,400 00	99 41	9,348 81
Columbia	9	28	42	70	17	23	40	2	1	3	832 50	...	42 18	145 58	...	1,481 92	2,562 18
Cumberland	9	47	39	86	32	26	58	4	2	6	810 00	192 96	22 43	135 42	...	163 69	1,324 50
Curtiss	9	38	49	87	26	26	52	3	2	5	855 00	...	...	12 50	...	182 92	1,650 42
Cylon	9	34	44	78	24	33	57	...	4	4	900 00	...	...	37 00	...	194 97	1,131 97
Dale	9	28	38	66	21	28	49	1	2	3	945 00	180 32	20 00	168 80	...	157 97	1,412 09
Delafield	9	29	36	65	23	31	54	1	...	1	922 50	33 50	65 85	85 79	...	328 30	1,435 94
Delton	9	28	34	62	16	23	39	...	4	4	945 00	1 00	...	32 95	...	100 25	1,079 50
Disco	9	48	39	87	18	21	39	...	1	1	685 50	120 20	20 52	101 30	...	79 40	1,016 92
Doylestown	9	39	37	76	21	24	45	3	...	3	865 00	...	...	60 00	...	331 44	1,256 44
Eastman	9	28	41	69	18	28	46	...	6	6	855 00	...	16 27	83 59	...	48 00	1,002 86
Elcho	9	22	44	66	9	32	41	...	...	...	900 00	169 15	34 26	143 31	...	196 44	1,443 26
Elderon	9	41	47	88	23	23	46	...	...	...	972 00	64 31	44 01	40 00	...	30 00	1,150 32
Eleva	9	54	37	91	30	22	52	...	...	...	720 00	14 00	24 62	27 03	...	56 33	1,141 98
Ellison Bay	9	45	44	89	25	23	48	...	3	3	810 00	...	28 09	11 00	...	182 43	1,031 52
Elk Mound	9	38	31	69	27	23	50	1	4	5	720 00	...	292 20	...	...	101 00	1,113 20
Elton	9	65	49	114	33	32	65	1	2	3	945 00	475 00	65 97	24 06	1,023 75	193 59	2,727 31
Emer'd Gr'Ve	9	19	20	39	15	15	30	2	4	6	810 00	93 25	15 80	52 68	...	111 92	1,083 65
Estella	9	25	30	55	16	21	37	1	5	6	765 00	25 00	...	118 23	...	178 23	1,111 46
Eureka	9	26	22	48	20	16	36	4	3	7	900 00	...	25 00	86 62	...	279 39	1,291 01

STATE GRADED SCHOOLS, 1907-1908—Continued.

SECOND CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Fairwater.....	9	9	27	44	71	19	30	49	..	2	2	\$972 00	\$15 57	\$36 25	\$48 56	.....	\$84 62	\$1,197 00
Fenwood.....	9	9	59	38	97	33	21	54	..	3	3	855 00	184 15	61 30	90 75	.....	147 21	1,338 41
Ferryville.....	9	9	31	30	61	17	17	34	..	..	..	675 00	131 95	7 00	21 75	.....	131 15	966 85
Fillmore.....	9	9	37	37	74	26	26	52	8	2	10	819 50	.....	23 62	50 36	.....	150 71	1,044 19
Fish Creek.....	9	9	47	49	96	27	29	56	..	6	6	900 00	252 35	51 12	30 00	\$60 39	114 67	1,408 53
Forestville.....	9	9	61	46	107	39	32	71	..	..	..	877 50	33 00	57 49	64 47	.....	296 08	1,328 54
Franklin.....	9	9	29	45	74	26	37	63	12	1	4	990 00	132 46	7 36	44 85	.....	107 33	1,282 00
Franksville.....	9	9	31	23	54	21	22	43	12	2	2	855 00	.....	19 26	7 00	.....	121 75	1,003 01
Fremont.....	9	9	51	44	95	39	30	69	..	..	..	805 00	184 00	52 29	127 53	.....	184 06	1,352 88
Fulton.....	9	9	33	20	53	22	9	31	1	2	3	787 50	8 35	53 13	187 00	.....	135 27	1,171 25
Genesee.....	9	9	23	25	48	16	19	35	..	..	..	810 00	200 00	27 21	.....	119 94	1,157 15	
Genoa.....	9	9	24	24	48	19	17	36	3	1	4	810 00	.....	.....	218 27	.....	67 15	1,095 42
Georgetown.....	9	9	17	31	48	12	21	33	..	..	..	945 00	130 00	.....	.....	.....	144 28	1,219 28
Germania.....	9	9	37	25	62	29	18	47	7	1	8	765 00	12 75	21 14	.....	33 07	44 30	876 26
Gibbsville.....	9	9	41	35	76	29	31	60	1	2	8	828 00	150 00	20 00	100 00	.....	133 78	1,231 78
Gilmanton.....	9	9	48	51	99	28	30	58	1	4	5	810 00	8 50	13 95	28 80	.....	102 75	964 00
Glen Haven.....	9	9	28	22	50	20	13	33	..	..	..	720 00	10 77	.....	190 85	.....	110 44	1,032 06
Glendale.....	9	9	34	27	61	22	18	40	..	1	1	765 00	.....	.....	50 00	.....	105 00	920 00
Glenwood.....	9	9	29	30	59	18	22	40	..	1	1	765 00	55 87	27 78	49 97	.....	121 00	1,019 62
Glenwood.....	9	9	47	29	76	21	19	40	..	..	..	697 50	92 92	40 95	100 00	35 00	788 90	1,755 27
Gouda.....	9	9	23	25	48	14	17	31	..	..	..	675 00	133 50	82 48	.....	472 55	73 74	1,437 27
Gordon.....	9	9	33	28	61	21	19	40	..	..	..	880 00	.....	.....	.....	400 00	.....	1,280 00
Gotham.....	9	9	46	33	79	32	21	53	3	4	7	925 00	9 75	47 62	109 00	.....	128 76	1,220 13
Grand Rapids.....	9	9	40	48	88	30	31	61	..	..	..	900 00	30 00	40 00	50 00	.....	204 99	1,224 99
Grand View.....	9	9	30	40	70	22	27	49	1	4	5	855 00	38 22	20 16	63 60	.....	191 50	1,168 48
Grantsburg.....	9	9	51	26	77	31	21	52	..	..	..	724 37	17 00	20 00	.....	890 39	238 25	1,890 01
Green Bay.....	9	9	44	55	99	27	25	52	..	..	..	810 00	155 00	42 00	25 00	.....	108 60	1,140 60
Green Bay.....	9	9	52	44	96	32	29	61	..	..	..	765 00	.....	51 05	.....	.....	522 66	1,338 71
Green Bay.....	9	9	54	70	124	29	47	76	1	3	4	774 00	180 32	56 18	33 45	.....	260 17	1,304 12

Statistical Tables.

Statistical Tables.

Green Bay.....	9	50	40	90	30	18	48	3	3	785 00	118 52	26 45	4,030 54	387 79	5,348 30
Green Bay.....	9	58	58	116	25	24	49	...	...	747 00	322 58	40 06	5 00	174 38	2,408 34
Grantsburg.....	9	44	34	78	26	18	44	2	6	720 00	20 82	129 37	259 48	...	1,129 67
Greensleaf.....	9	34	34	68	26	21	47	1	2	783 00	5 80	8 20	60 00	...	1,128 75
Hales Corners.....	10	47	22	69	28	15	43	1	2	1,000 00	6 16	23 45	4 80	271 75	1,422 07
Hanover.....	9	24	23	47	13	17	30	1	3	765 00	...	...	215 00	141 36	1,121 36
Hatley.....	9	58	52	110	46	39	85	1	2	1,375 00	...	102 37	175 00	1,377 29	2,029 66
Hawthorne.....	9	29	47	76	21	25	46	2	2	945 00	...	...	...	...	945 00
Hayes.....	9	51	35	86	27	22	49	...	...	675 00	186 55	5 04	153 53	91 78	1,111 90
Hebron.....	9	30	31	61	21	23	44	1	5	900 00	200 00	8 50	...	72 67	1,181 17
Heineman.....	9	38	36	74	21	20	41	...	...	675 00	340 00	...	45 00	322 94	1,382 94
Heller.....	9	25	36	61	20	17	37	1	1	695 00	...	...	...	234 63	1,029 63
Hemlock.....	9	27	28	55	15	21	36	...	...	675 00	13 22	23 66	9 37	385 21	1,356 46
Hingham.....	9	46	33	79	34	30	64	4	3	1,050 00	12 33	75 81	21 43	585 86	1,745 43
Hofa Park.....	9	39	52	91	22	27	49	4	4	855 00	100 67	60 96	30 75	314 52	1,361 90
Holcombe.....	9	51	48	99	33	34	67	1	6	900 00	44 96	26 22	315 33	668 78	1,955 29
Hollendale.....	9	37	28	65	29	27	56	3	3	1,035 00	60 85	...	26 66	128 25	1,250 76
Holmen.....	9	35	39	74	25	27	52	1	1	720 00	37 81	16 34	30 55	403 23	1,235 93
Homestead.....	9	45	25	70	29	16	45	2	1	765 00	208 85	60 82	...	201 38	1,236 05
Honey Creek.....	9	22	39	61	18	30	48	2	6	810 00	...	...	258 05	703 47	1,783 36
Houlton.....	9	40	50	90	25	36	61	...	...	855 00	238 00	10 00	28 00	379 58	1,510 58
Hustler.....	9	23	22	45	16	15	31	...	...	819 00	6 55	17 98	...	123 93	988 71
Ironton.....	9	30	42	72	23	25	48	4	7	765 00	...	...	284 08	241 96	1,291 04
Jackson.....	9	39	26	65	27	19	46	2	2	930 00	27 75	7 10	54 73	131 79	1,151 37
Jacksonport.....	9	25	53	78	17	29	46	1	4	864 90	89 00	18 32	32 08	158 52	1,161 92
Kenosha.....	9	55	34	89	43	25	68	2	...	810 00	154 78	61 90	108 88	318 19	2,299 75
Kewaunee.....	9	45	43	88	28	28	56	4	1	857 50	144 85	12 82	...	155 49	1,170 66
Kingston.....	9	49	35	84	37	30	67	2	3	900 00	12 25	...	117 00	183 84	1,213 09
Lamberton.....	9	27	24	51	20	17	37	1	1	720 00	228 62	...	103 60	119 93	1,172 15
Lannon.....	9	31	52	83	22	35	57	3	4	945 00	...	33 66	187 93	608 55	1,803 89
Lena.....	9	43	54	97	33	40	73	...	...	790 27	...	...	3 75	227 42	1,021 44
Leopolis.....	9	53	42	97	31	27	58	2	...	1,125 00	22 98	80 01	52 24	586 88	1,867 11
Lima Center.....	9	27	26	53	16	17	33	...	...	765 00	7 75	...	58 85	270 55	1,102 15
Limeridge.....	9	32	42	74	23	25	48	1	...	765 00	...	22 61	1 00	77 54	886 15
Lind.....	9	28	28	56	18	18	36	1	3	630 00	1 00	...	93 51	202 74	927 25
Little Black.....	9	38	55	93	26	40	66	...	...	765 00	95 00	32 85	113 98	137 88	1,144 71
Loganville.....	9	34	28	62	22	20	42	...	...	810 00	...	...	...	279 48	1,089 48
Lomira.....	9	65	54	119	38	34	72	4	5	945 00	...	...	46 31	431 39	1,422 70
London.....	9	40	25	65	30	17	47	4	4	675 00	13 00	42 69	175 19	164 82	1,070 70
Lyons.....	9	20	33	53	14	26	40	1	3	810 00	116 13	...	12 37	149 08	1,087 58
Lynxville.....	9	43	43	86	29	28	57	...	...	600 00	...	10 00	250 00	165 00	1,025 00
Madison, So.....	9	59	55	114	48	39	87	7	3	1,052 50	2 00	52 65	139 33	537 01	3,403 49
Manchester.....	9	28	30	58	15	18	33	1	...	720 00	1 45	...	130 00	121 04	972 49
Manitowoc.....	9	33	42	75	27	26	53	2	3	900 00	8 31	9 54	...	147 00	1,064 85
March.....	9	38	33	71	19	16	35	1	1	600 00	37 21	17 85	...	53 95	709 01
Marquette.....	9	32	36	68	17	20	37	...	...	1,080 00	105 00	8 03	29 00	153 62	1,375 65
Melrose.....	9	47	30	77	33	20	53	1	5	720 00	...	44 00	362 00	347 75	1,473 75
Merton.....	9	25	17	42	...	15	37	3	4	967 50	...	...	64 15	165 32	1,196 97

STATE GRADED SCHOOLS, 1907-1908—Continued.
SECOND CLASS.

LOCATION.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.							
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.							
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.	
Mifflin.....	9	9	37	43	80	26	32	58	5	5	10	\$855 00	\$21 50	\$124 90		\$133 03		\$132 56	\$1 134 62
Milwaukee.....	9	9	37	55	92	28	36	64	1	12	13	1,033 75					287 66		1,166 31
Milwaukee.....	10	9	26	29	55	24	23	47	1	1	2	1,130 00				553 40		287 66	1,471 06
Milwaukee.....	9	9	51	52	103	40	43	83	2	2	4	1,000 85	144 60			21 51		536 58	1,703 54
Milwaukee.....	10	9	29	34	63	24	29	53	1	12	12	1,213 75	238 31			65 99		345 60	1,863 65
Mindoro.....	9	9	36	30	65	24	26	50	4	4	4	810 00	201 29	47 85		84 97		42 41	1,186 52
Minong.....	9	9	34	49	83	25	28	53	1	1	1	877 50				88 37	3,111 57	817 18	4,894 62
Modena.....	9	9	60	41	101	29	24	53	1	1	1	900 00	12 50	11 10				583 38	1,506 98
Monico.....	9	9	41	37	78	29	32	60	1	1	1	1,035 00	265 00	70 00		40 70		127 80	1,538 50
Morrisonville.....	9	9	28	28	56	29	29	40	1	1	1	720 00	34 92	14 87		11 54		193 53	974 86
Mosel.....	9	9	38	42	80	26	32	58	1	3	3	922 50	13 08	21 56		169 11		136 53	1,262 78
Mountain.....	9	9	40	51	91	21	31	52	1	12	13	855 00	103 78	37 26		60 39		201 67	1,258 10
Mt. Hope.....	9	9	27	17	45	21	14	35	1	1	1	666 25	8 80			143 74		337 00	1,153 79
Mt. Horeb.....	9	9	38	35	73	19	22	41	3	3	6	775 00		20 00		66 03		79 95	977 48
Mt. Sterling.....	9	9	27	35	62	13	21	34	1	1	1	945 00	131 78	36 12		121 27		86 60	1,320 77
Nelson.....	9	9	37	42	79	16	30	46	3	3	3	855 00	10 00	50 58		8 00		191 29	1,114 87
Nelsonville.....	9	9	25	28	53	16	20	36	1	6	7	765 00	30 50	52 53		73 60	829 74	263 64	2,015 01
Neosho.....	9	9	44	33	77	25	21	46	4	11	11	855 00	12 86			229 20		155 78	1,252 84
Newberg.....	9	9	27	17	44	18	12	30	3	1	4	978 50	190 00	41 92		2 85		614 96	1,828 23
New Diggings.....	9	9	34	41	75	24	29	53	3	4	7	900 00		38 00		10 00		300 11	1,248 11
Norrie.....	9	9	38	29	67	25	18	43	3	6	9	810 00	168 55	9 92		166 56		145 99	1,301 02
N. Milwaukee.....	9	9	46	36	82	35	25	60	3	1	4	1,012 50	185 00	24 00		600 00		151 39	1,972 89
Northport.....	9	9	28	31	59	14	20	34	1	1	1	765 00	1 32			1 75		136 60	904 67
Oconto.....	9	9	40	40	80	33	25	58	1	1	1	720 00	300 00	100 00		50 00	1,755 95		2,925 95
Ogdensburg.....	9	9	61	59	120	41	43	84	3	12	15	1,170 00	103 02			562 52		201 79	2,037 33
Ogema.....	9	9	24	17	41	13	12	25	1	1	1	810 00		80 73			216 84		1,107 57
Olivet.....	9	9	35	38	73	20	21	41	5	5	5	810 00	130 00			140 00		106 16	1,296 16
Oostburg.....	9	9	44	51	95	29	39	68	3	3	3	859 50	72 40	11 00		14 50		96 65	1,054 05
Otjen.....	10	9	51	43	84	26	27	53	1	3	4	1,050 00	89 50	2 64		28 70		502 37	1,673 29
Oxford.....	9	9	51	73	124	27	46	73	2	6	8	810 00	180 00	8 00		204 00		162 00	1,364 00

Statistical Tables.

Statistical Tables.

Packwaukee.....	9	40	43	83	18	31	49	2	1	3	810 00	170 52	45 08	23 11	.....	138 29	1.187 00
Paoli.....	9	28	37	65	19	29	48	2	4	6	810 00	45 31	19 01	.....	126 75	285 71	1.286 78
Pembine.....	10	33	40	73	22	28	50	1	1	2	1,225 00	41 95	114 00	115 45	.....	304 13	1.800 53
Peshigo.....	9	44	43	87	25	24	49	1	1	1	765 00	6 25	71 66	.....	.....	212 97	1,055 88
Pine River.....	9	25	27	52	16	18	34	1	4	5	720 00	1 00	.....	113 00	.....	274 63	1,108 63
Plat.....	9	40	38	78	26	26	52	...	4	4	891 00	53 00	11 00	50 99	.....	252 00	1,257 99
Pine River.																	
Merrill.....	9	50	39	89	20	17	37	2	...	2	675 00	30 00	22 35	.....	225 00	51 30	1,003 65
Pleasant Pra..	9	54	51	105	54	33	67	...	2	2	855 00	24 10	55 75	204 97	.....	233 00	1,372 82
Pleasant Pra..	9	33	36	69	23	23	46	...	2	2	945 00	.....	.....	45 55	.....	273 05	1,263 60
Polar.....	9	28	45	103	39	36	75	1	1	2	810 00	8 00	11 60	54 30	.....	138 93	1,022 83
Poplar.....	9	68	68	140	21	25	46	3	3	6	900 00	30 00	.....	30 00	.....	200 00	1,150 00
Pound.....	9	46	69	115	23	41	64	...	2	2	810 00	44 72	8 07	47 22	.....	267 99	1,178 00
Poynette.....	9	27	26	53	20	16	36	...	2	2	765 00	37 00	.....	17 35	.....	404 21	1,223 56
Poy sippi.....	9	46	60	106	27	39	66	2	8	10	951 00	9 59	8 26	707 77	.....	129 69	1,806 31
Pulcifer.....	9	53	50	103	31	29	60	3	1	4	810 00	35 00	28 20	5 00	85 00	217 88	1,181 08
Racine.....	9	65	50	115	48	35	83	2	2	2	967 50	36 14	36 95	91 40	.....	147 27	1,279 26
Racine.....	9	39	36	75	28	25	53	1	3	4	810 00	.....	.....	.....	.....	229 50	1,039 50
Random Lake	9	47	36	83	26	25	51	3	6	9	828 00	4 95	10 80	41 11	548 33	162 39	1,595 58
Random Lake	9	31	39	70	17	21	38	...	2	2	990 00	.....	6 05	.....	.....	916 52	1,912 57
Richfield.....	9	37	35	72	30	30	58	...	1	1	936 00	10 00	.....	35 00	100 00	171 59	1,252 59
Ridgeland.....	9	41	29	70	27	18	45	...	1	1	810 00	66 99	.....	97 71	.....	145 82	1,120 52
River Falls....	9	27	13	40	20	11	31	4	3	7	795 75	6 57	4 00	.....	.....	130 35	941 27
Rochester.....	9	30	25	55	17	19	36	2	6	8	810 00	544 72	.....	.....	5,267 70	225 70	6,848 12
Rock Elm.....	9	26	25	51	15	19	34	1	2	3	900 00	.....	6 60	29 00	.....	120 76	1,056 36
Rockdale.....	9	43	38	81	30	24	54	2	1	3	900 00	50 00	30 00	135 00	.....	115 00	1,115 00
Rome.....	9	30	32	62	18	25	43	3	3	6	765 00	203 50	.....	.....	.....	135 63	1,104 13
Roshott.....	9	43	51	94	22	30	52	3	2	2	720 00	10 80	68 25	21 10	.....	493 10	1,313 25
Salem.....	9	37	44	81	31	31	59	4	2	2	1,080 00	.....	7 65	198 95	.....	190 91	1,477 51
Saukville.....	10	28	40	68	21	30	51	4	2	6	1,125 00	.....	31 48	20 10	.....	236 52	1,413 10
Shleisinger le	9	33	39	72	27	29	56	1	2	3	972 00	2 40	3 00	.....	163 33	506 08	1,646 81
Seneca.....	9	18	21	39	11	19	30	...	1	1	630 00	96 50	.....	18 07	.....	188 09	932 66
Sheboygan.....	9	33	34	67	22	25	47	...	1	1	810 00	15 60	50 00	45 00	.....	103 30	1,023 90
Sheboygan.....	9	37	26	63	23	22	45	0	1	1	738 00	183 20	19 15	68 31	.....	45 68	1,054 34
Sheboygan.....	9	53	30	83	35	21	56	1	1	2	810 00	8 63	17 19	83 03	.....	182 29	1,101 14
Sheboygan.....	10	40	30	70	29	24	53	0	0	0	1,025 00	206 68	.....	85 00	1,478 50	540 40	3,335 58
Sheboy. Falls.	9	47	49	96	32	34	66	3	5	8	990 00	81 56	53 52	142 90	.....	74 04	1,342 92
Sheboy. Falls.	9	38	51	89	25	34	59	3	2	5	819 75	8 95	10 60	15 20	.....	338 93	1,193 43
Shopiere.....	9	38	25	63	29	17	46	4	2	6	810 00	42 74	.....	488 15	.....	410 28	1,751 17
Silver Creek...	9	38	34	72	24	51	3	1	1	4	855 00	22 51	.....	10 64	.....	383 07	1,271 22
Somerset.....	9	44	38	82	30	28	58	0	0	0	671 50	37 95	83 42	.....	429 56	1,245 68	1,468 11
So. Germant'n	9	38	57	95	18	40	58	1	1	2	1,050 00	68 00	15 50	15 00	.....	97 70	1,246 20
Spurce.....	9	46	54	100	22	30	52	1	5	6	720 00	.....	25 69	88 00	.....	134 72	968 41
Stanley.....	9	49	39	88	22	20	42	2	1	3	675 00	30 00	25 00	50 00	.....	126 74	906 74
Star Prairie...	9	57	38	95	47	32	79	2	6	8	900 00	11 05	4 00	23 49	.....	522 44	1,460 98
Stetsonville...	9	33	44	77	22	34	56	1	3	4	725 00	61 00	8 00	68 00	.....	186 17	1,048 17
Stauben.....	9	39	32	71	29	24	53	1	5	6	720 00	16 53	26 17	30 35	.....	265 33	1,058 38
Stiles.....	9	37	34	71	28	23	51	1	2	3	765 00	.....	40 05	238 13	.....	88 44	1,132 12

STATE GRADED SCHOOLS, 1907-1908—Continued.

SECOND CLASS.

Location.	No. of departments.	No. of months taught.	ENROLLMENT.			AVERAGE ATTENDANCE.			GRADUATES THIS YEAR.			FINANCIAL REPORT.						
			Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Amount expended from June 30, 1907 to June 30, 1908.						
												Teachers' wages.	Apparatus.	Books.	Repairs.	New buildings.	All other purposes.	Total.
Stitzer.....	9	9	39	43	82	24	31	55	1	1	2	\$810 00	\$15 10	\$16 05	\$30 50		\$207 03	\$1,078 68
Stonebank.....	9	9	26	21	47	18	14	32	1	3	4	913 00	50 00	22 00	201 92		183 84	1,318 75
Sussex.....	9	9	45	30	75	33	20	53	12	12	4	1,080 00	8 30	46 61			157 71	1,201 62
Symco.....	9	9	36	48	84	25	26	51	6	4	10	960 00			83 91		51 12	820 12
Taylor.....	9	9	43	38	81	29	25	54		12	12	720 00	11 20	15 95	21 85		132 90	1,060 51
Thorp.....	9	9	41	33	74	26	21	47				765 00	93 30	14 62	54 69		114 92	1,103 05
Tisch Mills.....	9	9	47	42	89	28	23	51	1	2	3	792 00	90 34		105 79		194 69	1,385 21
Trevor.....	9	9	25	28	53	18	20	38				720 00	223 00	7 52	240 00		198 56	1,905 99
Tripoli.....	9	9	31	26	57	20	16	36				738 00	254 94	20 00	18 60	\$675 89	115 73	4,226 57
Troy Center	9	9	27	27	54	22	21	43	2	2	4	765 00	34 70	43 90		3,267 24	803 06	1,694 06
Two Rivers	9	9	47	43	90	32	30	62				891 00					445 70	1,480 70
Union Center	9	9	40	39	79	27	26	53	1	3	4	1,035 00					362 47	3,719 36
Valley Jct.....	9	9	39	34	73	19	18	37	1	1	12	630 00	201 74			2,525 15	104 11	903 62
Valton.....	9	9	38	20	58	23	12	35	4	12	6	750 00	23 30	14 10	12 11		431 20	1,325 03
Verona.....	9	9	41	34	75	29	22	51	1	3	4	855 00	2 67	12 30	23 86		41 48	1,074 59
Waukesha.....	9	9	35	43	78	25	33	58	1	6	7	810 00	53 00	23 37	146 74		241 79	1,316 83
Waukeg.....	9	9	34	30	64	18	15	33	4	4	8	990 00	31 00	22 63	31 41		106 74	1,311 39
Welcome.....	9	9	29	23	52	20	15	35				990 00		22 40	192 25		585 44	1,466 19
W. Kewaunee.	9	9	38	24	62	26	14	40	1		1	880 75					135 08	1,010 74
W. L. Crosse.	9	9	32	30	62	22	22	44				700 00	72 75	47 41	55 50		118 81	948 54
West Lima.....	9	9	40	39	79	27	27	54	1	6	7	765 00					119 81	1,084 57
Windsor.....	9	9	31	31	62	16	17	33		1	1	855 00	36 00	21 11	52 65		151 91	1,050 99
Wolf Creek.....	9	9	36	30	66	20	18	38		1	1	765 00	90 80	18 12	25 16		76 95	1,723 37
Woodford.....	9	9	42	45	87	22	26	48	1	3	4	900 00	54 87	41 55	50 00	600 00	345 77	1,705 07
Woodruff.....	9	9	27	37	64	19	26	45	1	4	5	1,035 00		130 85	193 45			

Statistical Tables.

TEACHERS' INSTITUTES, HELD UNDER THE PROVISIONS OF CHAPTER 331, LAWS OF 1895, AND LAWS AMENDATORY THERETO, 1907-1908.

Counties.	No. of such institutes held.	Names of Conductors.	Total No. of days institute.	Total attendance.	Average daily attendance.	No. of evening lectures.	Names of Lecturers.
Totals.....	123		573	9,137	6,474	63	
Adams.....							
Ashland.....	1	W. C. Hewitt, J. T. Hooper.....	2	32	24	1	
Barron.....	1	V. E. McCaskill, H. H. Liebenberg, J. E. Hale, G. M. Snodgrass.....	5	90	79	1	V. E. McCaskill.
Bayfield.....	5	J. T. Hooper, P. H. Hembdt, J. A. Merrill, Asa Royce, Katharine Schlegel.....	7	123			Hembdt, Royce, Merrill.
Brown.....							
Buffalo.....	1	F. M. Jack, D. H. Schuler, E. C. Gotham.....	10	62	52		
Burnett.....	1	H. L. Wilson, C. W. Monty.....	10	32	26		
Calumet.....	1	W. C. Hewitt.....	1	65	65		
Chippewa.....	1	W. A. Clark, G. W. Swartz, W. T. Anderson, D. A. Swartz, Bertha Trudelle.....	10	156	141		
Clark.....	1	F. M. Jack, Reynolds, Packard, Ames.....	10	170	157	1	John A. H. Keith.
Columbia.....	3	W. H. Cheever, H. S. Youker, S. M. Thomas, Fred Thomson, W. C. Hewitt, J. F. Powers.....	14	264	241	2	W. H. Cheever, W. C. Hewitt.
Crawford.....	3	W. C. Hewitt, K. L. Hatch, John Dixon, Geo. C. Shutts, G. E. Pratt.....	9	206	70	1	Dr. E. L. Eaton.
Dane.....	1st Dist 4	G. W. Gehrand, R. J. Eddy, R. J. O'Hanlon, O. S. Rice, W. H. Cheever.....	12	187			
	2d Dist 1	G. C. Shutts, E. C. Meland, C. E. Slothower.....	10	83	72		
Dodge.....	2	G. C. Shutts, H. C. Buell, Mary D. Bradford, R. J. O'Hanlon, L. S. Keeley.....	12	288	137	4	G. C. Shutts, L. S. Keeley, Adda Honie, R. J. O'Hanlon.
Door.....	1	W. H. Cheever, A. M. Olson.....	5	66	64		J. A. Merrill, A. M. Royce, Phil Hembdt.
Douglas.....	5	J. A. Merrill, A. M. Royce, Phil. Hembdt.....	5	76	25	5	W. H. Cheever, C. A. Payne.
Dunn.....	2	M. H. Jackson, G. H. Landgraf, R. H. Burns, J. M. Brackett.....	6½	160	146	3	
Eau Claire.....	1	G. A. Works, E. M. Beeman, L. C. Hatch.....	5	113		1	
Florence.....	1	F. S. Hyer, Fred Christiansen.....	3	35	33		
Fond du Lac.....	1		5	174	157		
Forest.....	1	W. C. Hewitt, D. C. Gile.....	3	40	36	1	
Grant.....	5	M. E. Keats, C. E. Slothower, Katherine R. Williams, F. J. Holt.....	10	207	164		
Green.....		Asa M. Royce, F. E. Converse, F. A. Harrison.....	10	102	89		

Statistical Tables.

TEACHERS' INSTITUTES, HELD UNDER THE PROVISIONS OF CHAPTER 331, LAWS OF 1895, AND LAWS AMENDATORY THERETO, 1907-1908—Continued.

Counties.	No. of such institutes held.	Names of Conductors.	Total No. of days institute.	Total attendance.	Average daily attendance.	No. of evening lectures.	Names of Lecturers.
Green Lake...	2	W. C. Hewitt, W. H. Cheever.....	4	57	48	2	
Iowa.....	1	C. G. Babcock, J. Bergen, P. Lynch, H. Kircher, H. O. Sampson.....	10	205	192	1	
Iron.....	1	W. H. Cheever, Ferris.....	3	50	50	.....
Jackson.....	1	A. M. Royce, D. L. Hennessey, Karl Evert.....	10	121	112	.....
Jefferson.....	4	G. C. Shutts, C. McKenny, C. E. Buell, W. H. Cheever.....	15	325	.....	4	C. McKenny, W. H. Cheever, R. J. O'Hanlon.
Juneau.....	1	O. J. Schuster, J. A. Hagemann, A. R. Clifton.....	10	131	124	.....
Kenosha.....	3	W. C. Hewitt, L. S. Keeley, L. D. Harvey, S. Y. Gillan, W. H. Cheever.....	8	290	84	.....
Kewaunee.....	2	M. A. Bussewitz, R. J. O'Hanlon, J. F. Sims, John Callahan.....	7	123	110	2	
La Crosse.....	1	G. L. Bowman, D. O. Kinsman, Amy Olstad.....	10	100	84	2	G. L. Bowman, E. L. Eaton.
Lafayette.....	1	A. A. Thomson, W. W. Woolworth, J. G. James, H. Murley.....	10	132	127	1	A. A. Thomson.
Langlade.....	2	T. R. Lloyd Jones, Maud Brewster, Mrs. M. D. Bradford, C. O. Marsh.....	7	74	73	.....
Lincoln.....	1	A. M. Royce, Mrs. M. D. Bradford, A. H. Cole.....	15	109	97	.....
Manitowoc.....	1	J. F. Sims, G. M. Morrissey, A. B. Stout.....	10	124	90	1	J. F. Sims.
Marathon.....	1	S. B. Tobey, G. W. Swartz, E. M. Beeman.....	10	191	152	.....
Marquette.....	1	M. A. Bussewitz, W. P. Colburn, W. F. Sell.....	5	50	49	.....
Marquette.....	1	G. C. Shutts, G. H. Landgraf.....	10	74	69	2	W. C. Barclay, Elizabeth King.
Milwaukee.....	4	G. C. Shutts, W. E. Elmer, C. E. Patzer, E. S. Harney, M. A. Bussewitz, I. N. Mitchell, W. H. Cheever.....	8	387	78	.....
Monroe.....	1	A. A. Thomson, I. B. Davies, F. Christiansen, C. M. Sanford.....	10	182	167	1	A. A. Thomson.
Oconto.....	1	A. M. Olson, John Callahan, Etta Michaels.....	10	109	99	1	Dr. Eaton.
Oneida.....	2	F. S. Hyer, F. F. Showers.....	5	.....	.....	.....
Outagamie.....	1	A. M. Olson, C. B. Stanley, Winifred Edsall.....	10	155	138	1	R. J. O'Hanlon.
Ozaukee.....	2	C. E. Patzer, G. M. Morrissey, M. A. Bussewitz, Edith Harney.....	7	142	137	.....
Pepin.....	1	C. W. Smith, A. B. O'Neil.....	10	45	42	.....
Pierce.....	2	Mrs. M. D. Bradford, F. M. Jack, C. E. Patzer, R. H. Burns, Lottie Deneen, Glen Junkman.....	12	205	181	2	V. E. McCaskill, Mrs. Bradford, F. M. Jack.
Polk.....	1	W. F. Lusk, J. T. Hooper, C. W. Monty, Lottie Deneen.....	10	90	80	.....

Statistical Tables.

Portage.....	1	S. B. Tobey, W. H. Luehr, W. E. Elmer.....	5	117	94	2	E. L. Eaton, S. B. Tobey.	
Price.....	3	J. T. Hooper, G. A. Works, W. H. Cheever.....	5	62	55	.....	.....
Racine.....	2	W. F. Sell, W. P. Roseman, Marie Smith, W. H. Cheever.....	12	89	86	.....	W. H. Cheever, W. F. Sell, W. P. Roseman.
Richland.....	2	A. M. Royce, E. L. Luther, R. H. Burns, Nellie Wightman, O. J. Schuster, A. A. Thomson, Winnifred Edsall, Mattie Dockery.....	7	.....	.....	1	A. M. Royce.
Rock	1st Dis.	1	O. J. Schuster, D. O. Kinsman, F. A. Harrison, F. J. Lowth, Ida Smith, Janet Cody.....	10	173	158	C. R. Rounds.
		1	O. J. Schuster, Fred Christiansen, C. E. Slothower, F. J. Lowth, Janet Cody, Ida M. Smith.....	10	149	135
Rusk.....	2d Dis.	1	F. M. Jack, M. H. Jackson, H. L. Wilson, H. C. Almy.....	11½	42	25
		2	F. M. Jack, Lottie Deneen, C. J. Brewer, J. W. T. Ames, W. A. Clark.....	12	276	140	2	F. M. Jack, H. L. Wilson, M. H. Jackson.
St. Croix.....	3	F. M. Jack, Lottie Deneen, C. J. Brewer, J. W. T. Ames, W. A. Clark.....	12	276	140	2	F. M. Jack, Julius A. Olson.	
Sauk.....	3	G. C. Shutts, G. W. Gehrand, John Dixon, G. F. Snyder, Annie Reynolds, A. A. Thomson, W. H. Cheever.....	8	150	140	3	G. C. Shutts, W. H. Cheever, L. W. Wood, A. J. Hutton, A. M. Royce.	
Sawyer.....	1	A. M. Royce, H. B. Hembdt.....	2	51	43	1	.....
Shawano.....	3	W. H. Cheever, W. P. Colburn, G. W. Swartz.....	11	126	123	1	.....
Sheboygan.....	2	W. H. Cheever, Mrs. M. D. Bradford, A. H. Porter, Thos. Lloyd Jones, A. M. Olson, J. J. Enright.....	7	441	347	.....	.....
Taylor.....	1	F. S. Hyer, R. H. Burns.....	10	90	85	.....	.....
Trempealeau.....	1	.....	10	132	120	.....	.....
Vernon.....	1	V. E. McCaskill, W. P. Colburn, Winifred Edsall, F. E. Bray, C. E. Smith.....	10	190	173	.....	.....
Vilas.....	1	W. H. Cheever.....	3	44	42	1	.....
Walworth.....	.....	.....	.....	.....	.....	.....	.....
Washburn.....	2	H. L. Wilson, D. C. Gile, W. C. Hewitt.....	11	116	104	2	Elizabeth King, W. C. Hewitt.	
Washington.....	1	H. C. Buell, J. P. Riordan, L. S. Keeley, W. E. Elmer.....	5	90	85	.....	.....
Waukesha.....	1	John Keith, J. J. Pettijohn, Gail Calmerton, J. T. Anderson.....	10	134	109	1	John A. H. Keith.	
Waupaca.....	1	John Callahan, W. H. Luehr, C. B. Stanley, Kathryn O'Brien.....	10	113	90	.....	.....
Waushara.....	4	W. H. Cheever, John Callahan, C. E. Patzer, W. F. Lusk.....	4	118	.....	6	Cheever, Callahan, Patzer, Lusk, Olson, Youker.
Winnebago.....	3*	B. M. Dresden, G. H. Landgraf, E. E. Sheldon.....	5	99	90	.....	.....
Wood.....	2	M. H. Jackson, W. F. Lusk.....	4	133	69	.....	.....

Statistical Tables.

STATE TEACHERS' INSTITUTES, SUMMER, 1907.

COUNTIES.	NUMBER ATTENDING.			Days institute.	Average daily attendance.	Average number months taught.	NUMBER HAVING ATTENDED.			
	Male.	Female.	Total.				Colleges, Universities or Academies.	Normal Schools.	High Schools.	Common Schools only.
Totals.....	563	6,504	7,067	532	89+	25	241	980	4,391	731
Adams.....	11	76	87	15	67	20	.....	1	39	46
Barron.....	9	81	90	5	79	21	.....	13	60	17
Brown.....	3	88	91	10	85	38	5	12	70	4
Buffalo.....	6	56	62	10	52	27	2	4	34	5
Burnett.....	1	38	39	10	35	26	1	12	15	5
Calumet.....	5	59	64	10	57	28	2	24	37	1
Chippewa.....	3	160	163	10	153	25	.....	5	137	21
Clark.....	10	134	144	10	132	17	2	10	113	18
Columbia.....	8	144	152	10	138	26	3	5	110	14
Crawford.....	8	107	115	5	103	21	1	1	61	52
Dane, 1st dist..	2	79	81	5	80	26	3	2	76	.....
2d dist..	4	49	53	5	51	33	5	7	41	.....
Dodge.....	13	110	123	10	80	32	5	6	100	8
Door.....	13	53	66	5	64	22	2	11	36	13
Dunn.....	5	123	128	5	115	20	.....	104	30	4
Eau Claire.....	.....	105	105	10	101	21	.....	6	84	5
Florence.....	4	28	32	3	30	38	4	18	9	1
Fond du Lac...	9	165	174	5	157	33	5	51	101	18
Forest.....	6	34	40	3	36	29	7	16	15	2
Grant.....	20	180	200	10	148	29	6	18	5	3

Statistical Tables.

Statistical Tables.

Green	7	96	103	10	93	15	4	6	77	16
Green Lake.....	5	68	73	5	73	14	1	3	51	16
Iowa	17	180	197	10	190	21	11	6	166	12
Iron.....	6	44	50	3	50	28	6	23	19	.....
Jackson.....	6	105	111	10	99	20	.....	5	96	10
Jefferson.....	14	122	136	10	132	11	6	21	121	1
Juneau.....	6	115	121	10	112	20	1	10	97	13
Kenosha.....	1	68	69	5	65	20	11	4	54	.....
Kewaunee.....	25	39	64	5	58	32	2	15	37	10
La Crosse.....	4	96	100	10	84	18	.....	4	100	.....
Lafayette.....	10	116	126	10	106	31	3	24	86	7
Langlade.....	4	70	74	5	73	38	1	5	63	1
Lincoln.....	6	97	103	5	94	21	1	6	73	23
Manitowoc.....	35	89	124	10	90	39	.....	20	44	11
Marathon.....	12	179	191	10	152	24	2	8	64	17
Marinette.....	3	47	50	5	49	22	1	4	45	1
Marquette.....	4	70	74	10	69	21	13	7	41	11
Milwaukee.....	9	67	76	5	63	40	5	19	47	5
Monroe.....	4	142	146	10	121	21	.....	5	107	34
Oconto.....	9	100	109	10	99	22	2	14	53	40
Oneida.....	7	49	56	3	56	28	2	9	39	4
Oneida.....	1	14	15	2	.....	14	.....	11	7	6
Outagamie.....	1	137	138	10	132	34	6	13	84	26
Ozaukee.....	16	42	58	5	54	23	.....	27	22	8
Pepin.....	2	43	45	10	39	29	2	1	30	.....
Pierce.....	17	111	128	10	116	27	1	38	65	2
Polk.....	5	85	90	10	80	25	1	8	.....	.....
Portage.....	7	110	117	5	94	23	2	52	50	11
Price.....	.....	62	62	5	55	22	.....	4	47	11
Racine.....	4	85	89	10	80	30	11	13	77	.....
Richland.....	17	106	123	5	117	23	3	3	58	11
Rock.....	4	145	149	10	135	28	16	18	110	3
Rusk.....	6	49	55	10	50	10	.....	.....	22	8
St. Croix.....	15	182	197	10	146	24	3	74	111	1
Sauk.....	7	143	150	5	140	29	6	7	91	5

14—S.—II.

STATE TEACHERS' INSTITUTES, SUMMER, 1907—Continued.

COUNTIES.	NUMBER ATTENDING.			Days Insti- tute.	Average daily attend- ance.	Average number months taught.	NUMBER HAVING ATTENDED.			
	Male.	Female.	Total.				Colleges, Universi- ties or Acade- mies.	Normal Schools.	High Schools.	Common Schools only.
Shawano	8	52	60	5	58	33	4	14	29	13
Sheboygan.....	4	32	36	5	34	19	1	5	20	10
Taylor.....	29	152	181	5	161	31	7	23	143	.....
Trempealeau ...	6	84	90	10	85	25	1	6	67	16
Vernon	7	107	114	10	101	22	2	3	72	37
Vilas.....	12	173	185	10	167	26	4	7	113	34
Walworth	5	37	42	3	40	22	6	13	19	1
Washburn.....	.....	120	120	5	114	26	3	8	107	1
Washington.....	5	81	86	10	74	26	5	13	48	20
Waukesha.....	21	69	90	5	85	27	1	12	86	4
Waupaca.....	10	87	97	10	77	35	13	25	58	1
Waushara.....	8	118	126	10	104	22	9	8	74	4
Winnebago.....	5	90	95	10	84	24	2	4	35	26
Wood	2	92	94	5	90	18	1	34	57	2
	5	68	73	5	57	28	6	2	36	1

Statistical Tables.

Statistical Tables.

PRIVATE SCHOOLS, 1907-1908.

COUNTIES— (Exclusive of cities.)	No. of such schools.	TEACHERS.		No. pupils registered who have not at- tended public school.	PUPILS 7-14.	
		Male.	Female.		Not residing in city who at- tended 24 weeks or more.	Residing in city who at- tended 32 weeks or more.
Totals	424	199	462	14,189	9,955	3,359
Adams						
Ashland						
Barron	6	1	5	100	27	
Bayfield	1		4	224		193
Brown	14	2	22	587	315	183
Buffalo	3		2	38	1	37
Burnett						
Calumet	15	3	25	878	558	30
Chippewa						
Clark	5	4	5	193	103	80
Columbia						
Crawford						
Dane	11	1	23	742	446	
Dodge	21	11	23	517	324	154
Door	5		5	49	47	
Douglas			5	13	42	2
Dunn						
Eau Claire	3	2	3	30		
Florence						
Fond du Lac	22	3	17	502	378	
Forest						
Grant	10		14	368	183	112
Green						
Green Lake	6	5	2	137	331	
Iowa						
Iron						
Jackson	1		2	20		
Jefferson	17	5		615	305	217
Juneau	3	2	3	154	22	88
Kenosha	4		4	102	184	56
Kewaunee	5	2	6	158	14	205
La Crosse	3	2	2	171	128	
Lafayette						
Langlade						
Lincoln	5	4	1	91		
Manitowoc	26	9	41	1,272	410	300
Marathon	13	13	12			
Marinette	2	1	3	141		
Marquette	8	5	5	84	96	
Milwaukee	27	17	30	1,314	1,051	520
Monroe	8		14	305	134	257
Oconto	1		1		32	
Oneida						
Outagamie	14	5	16	721	437	
Ozaukee	21	9	12	441	426	72
Pepin						
Pierce	2		4	112	71	
Polk	4	1	3		19	
Portage	11	20	20	106	399	
Price						
Racine	6	3	11	420	68	330
Richland	3	1	3			

Statistical Tables.

PRIVATE SCHOOLS, 1907-1908—Continued.

COUNTIES— (Exclusive of cities.)	No. of such schools.	TEACHERS.		No. pupils registered who have not at- tended public school.	PUPILS 7-14.	
		Male.	Female.		Not residing in city who at- tended 24 weeks or more.	Residing in city who at- tended 32 weeks or more.
Rock	3.	2	1	67	52	20
Rusk	1		1	11	4	
St. Croix			6	326	217	
Sauk	7	2				
Sawyer			11	395	447	87
Shawano	13	10	7	495	350	
Sheboygan	17	10	3	70	22	48
Taylor	3		17	540	518	
Trempealeau	6	2				
Vernon				13	10	
Vilas	1	1	1			
Walworth						
Washburn				825	1,006	213
Washington	21	6	28	109	40	
Waukesha	5	5	4	183	244	113
Waupaca	16	10	11	203	145	
Waushara	11	9	11		35	
Winnebago	3	4			314	
Wood	6	7	8	344		

Statistical Tables.

PRIVATE SCHOOLS, 1907-1908.

CITIES—Under city superintendents.	No. of schools.	TEACHERS.		Pupils 7 to 14 attending 32 weeks or more.
		Male.	Female.	
Totals	148	151	454	29,919
Antigo	2		8	373
Appleton	7	8	30	1,306
Ashland	2		16	788
Baraboo				
Beaver Dam	2		8	305
Beloit	2	6		28
Berlin	2	1	4	251
Brodhead				
Chippewa Falls	3		20	580
Columbus	1	2		65
De Pere	2		6	228
Eau Claire	2		13	408
Fond du Lac	6	6	22	438
Grand Rapids	4	4	6	268
Green Bay	8	38	1	1,426
Hudson				
Janesville	3	2	14	310
Kaukauna	2	2	15	580
Kenosha				
Ladysmith				
La Crosse				
Lake Geneva				
Madison	6	11	43	759
Marinette	5	1	20	715
Marshfield	1	1	1	94
Mellen				
Menasha	3		17	801
Menomonie	3	3	3	191
Merrill	5	5	11	710
Milwaukee				
Mineral Point	1		3	99
Monroe				
Necedah	2	2	1	97
New London	2	1	8	301
Oconomowoc	1			70
Oconto	3	1	11	526
Onalaska				
Oshkosh	9	10	25	1,717
Peshigo	2	2		68
Portage	2	2	5	171
Prairie du Chien	4	17	19	191
Racine	5	4	15	1,136
Reedsburg	2	2		75
Rhineland	1		6	295
Rice Lake	1		3	78
Ripon	1	1	2	90
Sheboygan	10			1,600
South Milwaukee	3	1	8	505
Stanley				
Stevens Point	4		11	719
Stoughton				
Sturgeon Bay	1		5	140
Superior	5		30	751
Tomahawk				
Two Rivers	3	1	12	572
Viroqua				
Washburn	1	1	4	240
Watertown	5	7	9	785
Waukesha	3	4	6	310
Waupaca				
Waupun				
Wausau	4	3	9	614
Wauwatosa				
West Allis	1		4	161
Whitewater	1	1		

QUALIFICATIONS OF TEACHERS IN THE DAY SCHOOLS FOR THE DEAF, 1907-1908.

Location of schools.	Names of teachers.	Legal qualifications.	Salaries of teachers.	Length of time in months.	Number months employed.	
Antigo.....	Blanch Argyle.....	McCowen Training School, Diploma.....	\$855 00	9 months.	9 months.	
	Mae Trounson.....	Milwaukee Training School, Diploma.....	35 00	9 months.	1 month.	
	Faye Kingsbury.....	Special License.....	247 50	9 months.	8 1/2 months.	
Appleton.....	Hannah I. Gardner.....	Milwaukee Training School, Diploma.....	850 00	9 months.	9 months.	
	Margaret Clowery.....	Milwaukee Training School, Diploma.....	780 00	9 1/2 months.	9 1/2 months.	
Ashland.....	Lillian Anderson.....	Special License.....	261 00	9 1/2 months.	4 7-20 mos.	
	Mabel Scriber.....	Special License.....	276 25	9 1/2 months.	4 1/2 months.	
	Kathryn Cole.....	Milwaukee Training School, Diploma.....	675 00	9 months.	9 months.	
Black River Falls.....	Katharine F. Reid.....	Milwaukee Training School, Diploma.....	800 00	10 months.	10 months.	
Bloomington.....	Jennie C. Smith.....	Milwaukee Training School, Diploma.....	950 00	9 1/2 months.	9 1/2 months.	
Eau Claire.....	Matie B. Gamble.....	Milwaukee Training School, Diploma.....	375 00	9 1/2 months.	5 months.	
	Ida Ostermeyer.....	Milwaukee Training School, Diploma.....	588 75	9 1/2 months.	9 1/2 months.	
	Lillian Anderson.....	Milwaukee Training School, Diploma.....	276 25	9 1/2 months.	4 1/2 months.	
Fond du Lac.....	Substitute.....	.....	17 25	.....	.....
	Anna Sullivan.....	Milwaukee Training School, Diploma.....	765 00	9 months.	9 months.	
	Agnes Sullivan.....	Milwaukee Training School, Diploma.....	630 00	9 months.	9 months.	
Fond du Lac.....	Stella Flatley.....	Milwaukee Training School, Diploma.....	900 00	10 months.	10 months.	
Green Bay.....	Anna Flatley.....	Milwaukee Training School, Diploma.....	750 00	10 months.	10 months.	
	Margaret Wigman.....	Special License.....	105 00	10 months.	7 months.	
	Elizabeth H. Irish.....	Milwaukee Training School, Diploma.....	747 64	10 months.	10 months.	
La Crosse.....	Mary Jassenhaus.....	Milwaukee Training School, Diploma.....	750 00	9 1/2 months.	9 1/2 months.	
Marinette.....	Frances Wettstein.....	Milwaukee Training School, Diploma.....	1,850 00	10 months.	10 months.	
	Bettie B. Spencer.....	Milwaukee Training School, Diploma.....	1,150 00	10 months.	10 months.	
Milwaukee.....	Jane A. Stevenson.....	Milwaukee Training School, Diploma.....	850 00	10 months.	10 months.	
	Maudie I. Marvin.....	Milwaukee Training School, Diploma.....	800 00	10 months.	10 months.	
	Emma W. Gebhardt.....	Milwaukee Training School, Diploma.....	800 00	10 months.	10 months.	
	Corra Graves.....	Milwaukee Training School, Diploma.....	600 00	10 months.	10 months.	
	Clara E. Krauznsch.....	Milwaukee Training School, Diploma.....	850 00	10 months.	10 months.	
	Sara B. Sorenson.....	Milwaukee Training School, Diploma.....	850 00	10 months.	10 months.	
	Mary L. Funk.....	Milwaukee Training School, Diploma.....	850 00	10 months.	10 months.	
	Leone Kristensen.....	Milwaukee Training School, Diploma.....	700 00	10 months.	10 months.	
	Nellie M. Smith.....	Pratt Institute, Diploma.....	850 00	10 months.	10 months.	
	Substitutes.....	.....	733 00	.....	.....
	New London.....	Carrie H. Archibald.....	Milwaukee Training School, Diploma.....	800 00	10 months.	10 months.
		Anna Nugent.....	Milwaukee Training School, Diploma.....	850 00	10 months.	10 months.
	Oshkosh.....	Grace Gibbon.....	Special License.....	75 00	10 months.	5 months.
Matild O. Flatley.....		Special License.....	400 00	9 months.	5 months.	
Platteville.....	Matie B. Gamble.....	Milwaukee Training School, Diploma.....	340 00	9 months.	4 months.	
	Katharine Grimes.....	Milwaukee Training School, Diploma.....	800 00	10 months.	10 months.	

Statistical Tables.

QUALIFICATIONS OF TEACHERS IN THE DAY SCHOOLS FOR THE DEAF 1907-1908—Continued.

Location of schools.	Names of teachers.	Legal qualifications.	Salaries of teachers.	Length of time in months.	Number months employed.
Racine	E. Ellen MacNees.....	Milwaukee Training School, Diploma.....	\$700 00	10 months.	10 months.
	Sophia Page	Special License.....	450 00	10 months.	9 months.
Rice Lake.....	Addie C. Pond.....	Art School Diploma.....	50 00	10 months.	10 months.
	Katherine Fulton.....	Special License.....	716 25	9½ months.	9½ months.
Sheboygan.....	Etta M. Golden.....	Milwaukee Training School, Diploma.....	900 00	10 months.	10 months.
	Julia Dean.....	Milwaukee Training School, Diploma.....	315 00	10 months.	6½ months.
Sparta	Edna R. Miller.....	Special License.....	150 00	10 months.	3 months.
	Charlotte Shermer.....	Milwaukee Training School, Diploma.....	855 00	9 months.	9 months.
Stevens Point.....	Pearl Tompkins.....	Milwaukee Training School, Diploma.....	750 00	10 months.	10 months.
	Mary Hagan.....	Special License.....	105 00	10 months.	7 months.
Superior	Delia C. Page.....	Milwaukee Training School, Diploma.....	937 33	9½ months.	9½ months.
	Elizabeth J. Murray.....	Milwaukee Training School, Diploma.....	820 17	9½ months.	9½ months.
Wausau.....	Margaret Hurley.....	Milwaukee Training School, Diploma.....	765 00	9 months.	9 months.
	Total		\$33,294 39		

Statistical Tables.

Statistical Tables.

EXPENSES OF DAY SCHOOLS FOR DEAF SHOWN BY ITEMIZED STATEMENTS FOR YEAR 1907-1908.

Location of Day Schools.	Repairs.	Room rent.	Transportation.	Apparatus.	Furniture.	Total.
Totals	\$23 25	\$375 00	\$484 38	\$36 93	\$395 13	\$41,431 27
Antigo				\$35 00	\$276.00	\$1,500 72
Appleton		\$150 00				1,133 57
Ashland						1,938 25
Black Riv. Falls						1,295 14
Bloomington						955 27
Eau Claire		50 00	\$48 00			3,830 61
Pond du Lac			38 20	83		1,480 54
Green Bay			15 44			2,114 48
La Crosse						978 14
Marinette						913 15
Milwaukee			207 79			12,533 01
New London			52 52	1 00		835 52
Oshkosh					45 30	976 30
Platteville			6 00		6 85	894 95
Racine	40	75 00	82 95		25 95	2,570 68
Rice Lake	10 00			15 03		816 53
Sheboygan	12 85			6 22	4 03	1,383 60
Sparta		10 00		8 85		1,019 35
Stevens Point			33 48			1,465 96
Superior						1,757 50
Wausau		90 00			37 00	1,007 00

Statistical Tables.

EXPENSES OF DAY SCHOOLS FOR DEAF SHOWN BY ITEMIZED STATEMENTS FOR YEAR 1907-1908.

Location of Day Schools.	Teachers' salaries.	Board.	Books, printing, stationery.	Fuel.	Janitor.	Miscellaneous.
Totals	\$33,437 10	\$3,180 71	\$119 55	\$754 12	\$1,115 01	\$1,180 09
Antigo	\$1,137 50	.....	\$6 00	.....	.....	\$46 22
Appleton	855 00	.....	71 57	.....	.....	60 00
Ashland	1,317 25	\$483 50	72 50	\$20 00	\$40 00	.....
Black Riv. Falls	675 00	614 01	4 08	.....	.....	2 05
Bloomington	800 00	.....	.....	30 00	25 00	100 27
Eau Claire	2,257 25	1,069 00	1 74	100 00	100 00	204 62
Fond du Lac	1,395 00	25 70	7 73	.....	.....	13 08
Green Bay	1,755 00	300 00	44 04	.....	.....	.....
La Crosse	747 64	.....	6 00	77 00	143 00	.....
Marinette	750 00	73 75	7 15	40 00	42 25	4 50
Milwaukee	10,817 48	.....	21 25	312 12	514 26	660 13
New London	830 00	32 00	.....	.....	.....	.....
Oshkosh	925 00	.....	.....	.....	.....	6 00
Platteville	740 00	44 00	2 32	.....	.....	5 78
Racine	2,125 00	.....	152 67	.....	75 00	33 71
Rice Lake	712 50	.....	4 00	25 00	25 00	25 00
Sheboygan	1,365 00	.....	50	.....	.....	.....
Sparta	855 00	.....	.....	100 00	45 50	.....
Stevens Point	855 00	533 75	.....	.....	25 00	18 73
Superior	1,757 50	.....	.....	.....	.....	.....
Wausau	705 00	.....	15 00	50 00	50 00	.....

Statistical Tables.

ENROLLMENT OF PUPILS IN DEAF SCHOOLS BY GRADES FOR YEAR
ENDING JUNE 30, 1908.

Location of Schools.	Kindergarten.	First grade.	Second grade.	Third grade.	Fourth grade.	Fifth grade.	Sixth grade.	Seventh grade.	Eighth grade.	High school.	Total.
Totals	33	85	43	40	24	20	20	23	9	3	305
Antigo	9	.....	.....	3	1	2	.....	.....	1	.....	16
Appleton	3	1	1	1	2	1	.....	.....	.....	.....	8
Ashland	5	2	2	2	4	1	.....	.....	.....	1	15
Black River Falls.....	4	.....	.....	4	.....	1	.....	.....	.....	.....	9
Bloomington	1	4	.....	2	.....	.....	.....	.....	.....	.....	7
Eau Claire	3	6	2	6	.....	2	2	2	.....	.....	28
Pond du Lac.....	1	.....	3	1	.....	1	3	3	1	.....	13
Green Bay	4	5	2	1	.....	2	.....	.....	1	.....	15
La Crosse .....	.....	1	.....	.....	.....	.....	1	1	.....	.....	5
Marinette .....	.....	2	2	.....	.....	.....	2	.....	.....	.....	6
Milwaukee .....	.....	30	9	8	6	9	6	3	6	2	79
New London	2	1	3	.....	2	.....	1	.....	.....	.....	9
Oshkosh	5	2	.....	3	.....	.....	.....	.....	.....	.....	10
Platteville	2	7	.....	.....	.....	.....	.....	.....	.....	.....	9
Racine	1	3	3	4	5	.....	1	3	.....	.....	20
Rice Lake	1	2	3	.....	.....	.....	1	.....	.....	.....	7
Sheboygan	4	1	1	.....	2	.....	3	.....	.....	.....	11
Sparta .....	.....	3	.....	1	.....	1	.....	2	.....	.....	7
Stevens Point	1	1	5	.....	1	.....	.....	1	.....	.....	9
Superior	4	.....	.....	4	.....	.....	.....	6	.....	.....	14
Wausau	4	1	.....	.....	1	.....	.....	2	.....	.....	8

Statistical Tables.

ENROLLMENT, DOMESTIC AND PROFESSIONAL STATISTICS OF DAY SCHOOLS FOR DEAF, 1907-1908.

Location of Schools.	Number enrolled.	Average number of years attended.	Number of congenital deaf.	Number of pupils totally deaf.	Number who read lips readily.	Number who read books readily.
Totals	305	3.2	121	136	249	156
Antigo	16	2	1	3	4	6
Appleton	8	4.3	3	4	8	4
Ashland	15	4	3	7	14	10
Black Riv. Falls	9	.....	6	5	8	4
Bloomington	7	2	3	2	7	3
Eau Claire	28	4.7	10	21	26	5
Pond du Lac	13	4	2	5	9	12
Green Bay	15	3.7	11	12	15	2
La Crosse	5	3	1	2	5	4
Marinette	6	4.5	4	2	5	3
Milwaukee	79	4	48	34	79	38
New London	9	1.7	3	1	9	6
Oshkosh	10	1.7	3	3	5	6
Platteville	9	2	3	4	7	.....
Racine	20	2.5	1	3	4	20
Rice Lake	7	1	3	1	5	3
Sheboygan	11	3	2	2	8	5
Sparta	7	5	4	6	7	7
Stevens Point	9	2.3	2	9	7	5
Superior	14	5.6	4	5	11	10
Wausau	8	4.5	5	5	6	3

Statistical Tables.

SCHOOL BUILDINGS AND ACCOMMODATIONS.

COUNTIES— (Outside of Cities.)	1906-7.		1907-8.	
	Number pu- pils school- houses will accommodate	Number school houses.	Number pu- pils school- houses will accommodate	Number school houses.
Totals	416,426	7,280	414,335	7,415
Adams	3,514	85	3,481	86
Ashland	2,163	47	2,153	50
Barron	8,404	137	8,377	135
Bayfield	3,565	66	3,762	71
Brown	6,579	90	6,597	90
Buffalo	5,587	92	5,510	92
Burnett	3,262	76	3,306	79
Calumet	4,703	70	4,517	70
Chippewa	5,858	133	5,810	135
Clark	9,791	146	9,323	145
Columbia	8,131	147	8,363	147
Crawford	5,009	102	5,037	105
Dane	13,660	256	13,728	246
Dodge	10,257	193	10,403	193
Door	4,340	69	4,492	68
Douglas	2,139	63	2,239	76
Dunn	6,542	133	6,440	133
Eau Claire	4,867	80	4,569	84
Florence	1,341	16	1,246	16
Fond du Lac	8,464	165	8,149	167
Forest	1,642	26	2,284	30
Grant	13,198	233	12,501	335
Green	5,866	127	5,711	125
Green Lake	3,698	71	3,638	71
Iowa	7,366	130	7,803	104
Iron	2,237	26	2,411	27
Jackson	5,652	109	5,883	106
Jefferson	7,945	132	8,164	132
Juneau	6,404	111	6,708	117
Kenosha	2,760	64	2,877	64
Kewaunee	5,120	59	4,978	61
La Crosse	3,874	70	3,803	70
Lafayette	7,410	128	7,619	132
Langlade	3,162	74	3,312	79
Lincoln	2,636	74	2,802	79
Manitowoc	9,421	113	9,335	114
Marathon	10,683	188	10,813	192
Marinette	5,428	81	5,108	82
Marquette	3,613	64	3,666	64
Milwaukee	7,937	78	7,714	74
Monroe	9,156	151	9,175	151
Oconto	5,670	90	5,601	93
Oneida	1,867	52	1,937	49
Outagamie	6,289	122	6,551	122
Ozaukee	4,274	59	4,204	59
Pepin	2,594	40	2,590	41
Pierce	7,264	114	7,143	114
Polk	6,755	115	6,766	117
Portage	6,215	117	6,453	118
Price	4,508	84	4,891	88
Racine	4,594	77	4,450	77
Richland	6,964	125	6,704	121
Rock	8,346	170	8,415	170
Rusk	3,881	63	3,919	65
St. Croix	8,267	126	8,410	128
Sauk	7,643	157	7,765	147

Statistical Tables.

SCHOOL BUILDINGS AND ACCOMMODATIONS—Continued.

COUNTIES— (Outside of Cities.)	1906-7.		1907-8.	
	Number pu- pils school- houses will accommodate	Number school houses.	Number pu- pils school- houses will accommodate	Number school houses.
Sawyer	1,598	37	1,898	40
Shawano	8,012	117	7,793	117
Sheboygan	7,724	116	7,600	118
Taylor	4,483	91	4,534	91
Trempealeau	7,191	105	7,067	115
Vernon	8,471	154	8,354	156
Vilas	1,289	23	1,452	24
Walworth	8,188	124	6,516	118
Washburn	3,336	66	3,557	76
Washington	6,232	104	6,502	102
Waukesha	6,478	117	6,410	117
Waupaca	8,266	136	5,827	127
Waushara	5,650	108	5,691	107
Winnebago	5,003	98	5,037	97
Wood	5,990	100	5,950	103

Statistical Tables.

SCHOOL BUILDINGS AND ACCOMMODATIONS.

CITIES.	1906-7.		1907-8.	
	No. pupils schoolhouses will accommodate.	Number schoolhouses.	No. pupils schoolhouses will accommodate.	Number schoolhouses.
Totals	159,104	376	114,511	430
Antigo	1,600	6	1,600	6
Appleton	3,700	10	3,700	10
Ashland	2,800	8	2,800	8
Baraboo	1,600	5	1,600	5
Beaver Dam	1,200	5	1,200	5
Beloit	2,500	11	3,000	13
Berlin	1,000	3	1,000	3
Brodhead	550	2	460	2
Chippewa Falls	1,800	9	1,800	9
Columbus .....	.....	3	575	3
De Pere	450	2	450	2
Eau Claire	4,600	13	5,000	13
Fond du Lac	3,500	11	3,600	10
Grand Rapids	1,422	6	1,522	7
Green Bay	4,200	13	4,250	14
Hudson	1,050	5	750	5
Janesville	2,700	10	2,800	10
Kaukauna	800	2	.....	.....
Kenosha	2,300	7	2,600	7
La Crosse	5,616	16	5,616	16
Ladysmith	450	2	500	2
Madison	3,383	11	3,265	12
Marinette	3,760	8	3,760	8
Marshfield	973	4	937	4
Mellen	400	2	450	2
Menasha	900	3	900	3
Menomonie	1,500	9	1,530	9
Merrill	2,000	7	2,000	7
Milwaukee	46,471	.....	.....	61
Mineral Point	750	2	750	2
Monroe	1,300	5	1,300	5
Neenah	1,325	8	1,450	5
New London	550	2	650	3
Oconomowoc	820	3	831	2
Oconto	983	5	1,120	4
Onalaska	500	1	500	1
Oshkosh	5,000	12	5,050	12
Peshigo	762	8	751	5
Portage	1,300	5	1,300	5
Prairie du Chien	613	5	613	5
Racine	6,700	11	6,700	11
Reedsburg	850	3	850	3
Rhineland	1,350	5	1,350	5
Rice Lake	935	5	935	4
Ripon	800	4	800	4
Sheboygan	4,600	11	4,600	11
South Milwaukee	723	3	824	3
Stanley	800	4	800	4
Stevens Point	2,500	9	2,500	9
Stoughton	1,100	6	1,400	6
Sturgeon Bay	1,350	3	900	2
Superior	7,000	12	7,000	12
Tomahawk	772	6	700	6
Two Rivers	750	2	800	2
Viroqua	673	3	663	3
Washburn	1,000	6	1,000	6
Watertown	1,400	4	1,400	4
Waukesha	1,471	6	1,700	6
Waupaca	750	2	750	2
Waupun	580	4	550	4
Wausau	3,385	9	3,440	9
Wauwatosa	1,013	2	1,013	2
West Allis	759	4	1,000	4
Whitewater	700	3	650	3

COLLEGES, ACADEMIES AND SEMINARIES, 1907-1908.

CORPORATE NAME.	Location.	When founded.	Religious denomination.	President or Principal.	STUDENTS DURING THE YEAR.			WHOLE NO. OF GRADUATES.			GRADUATES THIS YEAR.			NO. OF INSTRUCTORS.		
					Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Totals.....					1,117	1,408	3,863	1,134	436	3,630	118	164	420	141	150	384
Beloit College Academy.....	Beloit.....	1847	None.....	John Pitt Deane.....	94	.....	94	.....	.....	.....	14	.....	14	.....	.....	.....
Beloit College.....	Beloit.....	1846	Udenominalional..	Edward D. Eaton.....	.....	.....	303	.....	.....	.....	.....	49	.....	49	.....	.....
Carroll College.....	Waukesha.....	1846	Presbyterian.....	Wilbur O. Carrier.....	50	37	87	.....	.....	1,007	11	5	16	13	5	18
Christian Endeavor Academy.....	Endeavor.....	1891	Congregational.....	Walter M. Ellis.....	30	32	62	20	19	39	3	4	7	.....	3	3
Concordia College.....	Milwaukee.....	1881	Lutheran.....	M. J. F. Albrecht.....	213	.....	213	501	.....	501	26	6	26	.....	6	26
Evansville Seminary.....	Evansville.....	1855	Free Methodist.....	Lynn B. Webb.....	25	35	60	.....	.....	.....	.....	6	6	.....	6	6
Lawrence University.....	Appleton.....	1847	Interdenominalional	Samuel Plantz.....	251	328	579	.....	.....	736	12	11	23	.....	10	33
Marquette University.....	Milwaukee.....	1864	Roman Catholic.....	Jas. McCabe.....	.....	.....	891	.....	.....	.....	.....	.....	89	.....	.....	89
Milton College Academy.....	Milton.....	1848	Seventh Day Baptist	W. C. Daland.....	25	32	57	.....	.....	.....	5	9	14	.....	2	9
Milton College.....	Milton.....	1867	Seventh Day Baptist	W. C. Daland.....	23	23	46	.....	.....	317	.....	3	5	.....	.....	.....
Milwaukee-Downer College.....	Milwaukee.....	1895	Non-sectarian.....	Ellen C. Sabin.....	.....	452	452	.....	.....	.....	.....	70	70	.....	37	39
Mission House.....	Plymouth.....	1860	Ref. Church in U. S.	Henry A. Meier.....	97	9	106	.....	.....	.....	11	.....	11	.....	.....	.....
Northland College.....	Ashland.....	1892	Non-denominalional	M. J. Fenenga.....	.....	144	.....	2	3	5	4	3	7	.....	.....	10
Ripon College.....	Ripon.....	1850	Independent.....	Richard C. Hughes..	133	71	204	221	154	375	11	11	22	16	7	23
Sacred Heart Academy.....	Madison.....	1882	Roman Catholic.....	Mother M. Reginald	.....	96	96	.....	.....	.....	.....	6	6	.....	13	13
St. Clara College and Academy.....	Sinsinawa.....	1852	Roman Catholic.....	Sister Superior.....	.....	222	222	.....	.....	.....	24	24	.....	.....	40	40
St. Lawrence College.....	Mt. Calvary.....	1861	Roman Catholic.....	Benedict Mueller.....	108	.....	108	390	.....	390	8	.....	10	.....	8	10
St. Mary's Academy..	Prairie du Chien	1872	Roman Catholic.....	Mother M. Seraphin.	.....	.....	.....	260	.....	260	.....	7	7	.....	12	12
Wayland University	Beaver Dam.....	1855	Baptist.....	Edwin P. Brown.....	68	71	139	.....	.....	.....	11	5	16	5	7	12

Statistical Tables.

Statistical Tables.

COLLEGES, ACADEMIES AND SEMINARIES, 1907-1908.

CORPORATE NAME.	In English course.	In classic course.	In natural science.	Pre-paring for college.	LIBRARY.	
					Number vol-umes.	Vol-umes added this year.
Totals	228	674	461	615	184,635	4,218
Beloit College Academy....				60	35,000	
Beloit College					39,500	
Carroll College		43	44		5,000	500
Christian Endeavor Acad.		2	60	24	900	150
Concordia College		123		90	4,550	200
Evansville Seminary	5	7	30	36	550	25
Lawrence University				74	24,108	813
Marquette University					18,000	
Milton College Academy... ..	1	15	24	27	8,520	574
Milton College						
Milwaukee-Downer College					7,493	356
Mission House		98		30	8,000	150
Northland College	40	60	40	80	4,000	500
Ripon College				27	17,484	675
Sacred Heart Academy.....		16	14	4	980	10
St. Clara Col. & Academy.....		142	90		4,000	120
St. Lawrence College	108	108	108	108	3,550	50
St. Mary's Academy.....	63	21	20	2	950	60
Wayland University	11	39	31	53	2,100	35

Statistical Tables.

COLLEGES, ACADEMIES AND SEMINARIES.

CORPORATE NAME.	APPRAISED VALUE.				
	Of site.	Land not including site.	Of buildings.	Apparatus. etc.	Of endowment.
Totals	\$573,697 91	\$30,208 35	\$1,823,149 13	\$326,129 50	\$2,415,939 24
Beloit College Acad....	\$7,000 00	.....	\$20,000 00	\$500 00	\$9,633 46
Beloit College	97,000 00	.....	355,500 00	113,000 00	910,082 00
Carroll College	42,000 00	.....	178,000 00	10,000 00	227,000 00
Christian Endeavor Ac.	2,400 00	\$3,000 00	14,000 00	600 00	.....
Concordia College	90,000 00	.....	75,000 00	1,500 00	6,000 00
Evansville Seminary...	25,000 00	500 00	20,000 00	2,000 00	11,000 00
Lawrence University...	118,000 00	.....	269,000 00	34,930 00	632,800 00
Marquette University...	.....	.....	.....	.....	.....
Milton College Acad....	5,000 00	.....	60,000 00	6,000 00	119,190 00
Milton College	5,000 00	.....	60,000 00	6,000 00	119,808 55
Milwaukee-Downer Col.	78,638 08	.....	275,352 23	47,052 55	174,147 24
Mission House .....	.....	10,000 00	40,000 00	1,000 00	25,000 00
Northland College	20,000 00	1,200 00	70,000 00	4,000 00	.....
Ripon College	50,659 83	11,508 35	190,296 95	90,196 95	27,132 38
Sacred Heart Academy.	.....	.....	.....	.....	.....
St. Clara Col. & Acad.	.....	.....	.....	.....	.....
St. Lawrence College...	8,000 00	4,000 00	65,000 00	2,500 00	.....
St. Mary's Academy...	.....	.....	56,000 00	1,800 00	.....
Wayland University ...	25,000 00	.....	75,000 00	5,000 00	154,315 61

Statistical Tables.

 COLLEGES, ACADEMIES AND SEMINARIES, 1907-1908.

CORPORATE NAME.	RECEIPTS.			
	Contributions.	From funds and endowments.	Tuition and fees.	Total.
Totals	\$160,018 89	\$129,908 93	\$233,778 87	\$526,703 60
Beloit College Academy.....		\$3,337 87	\$3,183 50	\$3,521 37
Beloit College	\$7,275 00	49,219 00	20,368 00	76,832 00
Carroll College	9,553 85	9,000 00	8,741 50	27,235 35
Christian Endeavor Ac.	909 00		2,000 00	2,909 00
Concordia College	8,450 00	300 00	89 00	8,830 00
Evansville Seminary	1,200 00	800 00	1,500 00	3,500 00
Lawrence University	81,000 00	25,890 00	16,520 00	123,410 00
Marquette University				
Milton College Academy	1,100 00	5,500 00	4,500 00	11,100 00
Milton College	3,831 19	5,767 17	4,619 22	14,217 58
Milwaukee-Downer Col.	10,031 00	8,928 66	115,715 99	134,705 65
Mission House				
Northland College	23,000 00		1,500 00	27,500 00
Ripon College	10,479 28	17,067 40	24,714 34	52,251 02
Sacred Heart Academy.....				
St. Clara Col. & Acad.				
St. Lawrence College.....			9,000 00	9,000 00
St. Mary's Academy			5,360 00	5,360 00
Wayland University	138 48	7,098 83	18,976 32	26,213 63

Statistical Tables.

COLLEGES, ACADEMIES AND SEMINARIES, 1907-1908.

CORPORATE NAME.	DISBURSEMENTS.			
	Paid for instruction.	Buildings and repairs.	Incidental.	Total.
Totals	\$183,691 75	\$82,679 08	\$156,454 37	\$422,825 20
Beloit College Academy.	\$1,761 50	\$170 09	\$241 24	\$5,172 83
Beloit College	34,384 00	16,297 00	29,659 00	80,340 00
Carroll College	17,149 83	1,587 63	8,557 83	27,295 35
Christian Endeavor Ac..	2,400 00	50 00	830 00	3,250 00
Concordia College	8,300 00	3,000 00	2,000 00	13,300 00
Evansville Seminary	2,100 00	400 00	1,000 00	3,500 00
Lawrence University	29,000 00	3,600 00	10,364 00	42,964 00
Marquette University				
Milton College Academy.	6,000 00	5,000 00	100 00	11,100 00
Milton College	7,897 97	138 00	6,351 93	14,277 90
Milwaukee-Downer Col..	32,049 10	21,285 87	59,250 00	112,585 97
Mission House				
Northland College	6,000 00	20,000 00	800 00	26,800 00
Ripon College	23,041 83	7,855 40	21,333 76	52,261 02
Sacred Heart Academy				
St. Clara Col. & Acad..				
St. Lawrence College				
St. Mary's Academy.....	900 00	1,000 00		1,900 00
Wayland University	9,797 49	2,294 06	15,933 58	28,058 13

Statistical Tables.

APPORTIONMENT OF SCHOOL FUND INCOME.

Counties.	December, 1906.	December, 1907.
Totals	\$1,669,226 50	\$1,767,475 01
Adams	\$6,989 68	\$7,179 39
Ashtland	16,403 11	16,388 08
Barron	24,475 83	25,200 12
Bayfield	10,778 02	11,600 29
Brown	38,582 31	41,826 63
Buffalo	13,175 77	13,508 07
Burnett	7,990 37	8,399 27
Calumet	13,414 04	13,853 50
Chippewa	25,335 71	26,539 18
Clark	24,136 38	25,382 55
Columbia	22,003 55	23,016 97
Crawford	13,420 53	13,583 75
Dane	49,809 36	53,979 51
Dodge	33,568 65	35,594 23
Door	15,483 83	15,624 81
Douglas	23,821 67	23,112 69
Dunn	20,960 40	21,872 93
Eau Claire	26,596 33	28,483 66
Florence	2,633 85	2,781 41
Fond du Lac	35,230 00	37,483 70
Forest	3,489 77	4,338 36
Grant	23,071 38	29,669 16
Green	15,192 33	15,347 03
Green Lake	12,677 59	13,260 43
Iowa	16,646 08	17,495 60
Iron	5,369 51	5,585 74
Jackson	13,756 25	14,973 30
Jefferson	25,006 47	26,504 78
Juneau	15,634 19	16,523 35
Kenosha	20,262 94	20,831 92
Kewaunee	11,977 03	14,294 57
La Crosse	32,338 37	34,115 25
Lafayette	14,746 15	13,089 98
Langlade	12,874 22	15,573 85
Lincoln	15,718 65	16,119 80
Manitowoc	34,531 10	35,758 92
Marathon	43,852 84	46,732 02
Marinette	23,514 85	29,815 69
Marquette	8,731 14	9,449 46
Milwaukee	274,016 33	292,224 52
Monroe	21,692 46	22,666 34
Oconto	20,262 56	21,831 96
Oneida	7,741 29	8,328 17
Outagamie	36,438 63	38,693 68
Ozaukee	13,346 90	14,400 05
Pepin	5,928 35	6,411 23
Pierce	17,468 78	17,965 65
Polk	17,224 05	18,497 62
Portage	26,810 75	23,284 17
Price	10,312 34	10,529 46

Statistical Tables.

APPORTIONMENT OF SCHOOL FUND INCOME—Continued.

Counties.	December, 1906.	December, 1907.
Racine	35,392 44	37,990 61
Richland	14,364 93	14,750 86
Rock	36,583 75	38,944 26
Rusk	7,886 43	8,601 04
St. Croix	21,311 27	22,129 76
Sauk	23,219 54	23,815 12
Sawyer	2,960 92	4,017 34
Shawano	23,873 21	26,429 15
Sheboygan	41,361 93	43,087 79
Taylor	10,535 44	11,393 91
Trempealeau	18,660 10	19,960 59
Vernon	22,106 19	23,264 79
Vilas	2,607 87	2,900 65
Walworth	18,151 08	18,850 77
Washburn	6,435 18	7,429 34
Washington	18,595 11	19,437 78
Waukesha	23,572 53	24,768 98
Waupaca	24,532 14	25,830 46
Waushara	13,138 95	13,638 77
Winnebago	42,191 49	45,371 59
Wood	25,264 23	25,963 65

Statistical Tables.

GENERAL SUMMARY.

CENSUS.	1905-1906	1903-1907	1907-1908
Number between 4 and 20 reported in the state..	773,031	771,992	775,517
Number between 7 and 14 reported in the state..	371,923	372,653	369,194
Number between 7 and 14 who attended public schools:			
Counties 24 weeks or more	151,762	170,413	144,120
Cities 32 weeks or more	79,850	81,910	79,613
Number between 7 and 14 who attended private school:			
Counties 24 weeks or more	17,442	19,945	17,387
Cities 32 weeks or more	43,046	46,903	27,337
ENROLLMENT IN PUBLIC SCHOOLS.			
Number between 4 and 20.....	467,389	464,767	464,240
Number under 4 years of age.....	308	267	250
Number over 20 years of age	357	261	281
Total number	468,054	465,295	464,771
SOME PERCENTAGES.			
Per cent of whole number of persons in the state between 4 and 20 enrolled in public schools	60.5	60.2	59.8
Per cent of those between 7 and 14 who have attended public school	62.2	67.7	60.6
Per cent of those between 7 and 14 who have attended private school	16.2	17.9	12.1
Per cent of those between 7 and 14 who did not attend any school	21.4	14.3	27.2
SCHOOL HOUSES.			
No. schoolhouses in the state	7,731	7,656	7,845
Seating capacity of all the school houses	569,169	575,530	575,917
TEACHERS			
Male teachers employed.....	1,922	1,853	1,751
Female teachers employed	12,158	12,638	12,908
Total teachers employed	14,080	14,491	14,659
Average monthly wages of male teachers outside of cities	\$58 87	\$62 34	\$64 27
Average monthly wages of female teachers outside of cities	\$38 65	\$39 75	\$40 81
TEACHERS' QUALIFICATIONS.			
No. normal school teachers employed, graduates in counties	1,056	1,128	1,128
No. normal school teachers employed, undergraduates, in counties	1,456	1,465	1,371
No. teachers holding state certificates, in counties	810	1,078	1,200
First grade certificates granted:			
By county superintendents	430	498	481
By city superintendents	160	85	71
Second grade certificates granted:			
By county superintendents	1,492	1,587	1,620
By city superintendents	132	96	122
Third grade certificates granted:			
By county superintendents	5,373	5,433	5,356
By city superintendents	237	258	238
Certificates granted for less than one year, in counties	628	454	565
Total number of certificates granted	8,452	8,411	8,453
Applicants refused certificates by county superintendents	2,101	1,721	2,085

Statistical Tables.

SUMMARY OF FREE HIGH SCHOOLS.

FOUR YEARS COURSE.	1905-1906	1903-1907	1907-1908
Number of free high schools	242	261	234
Number of teachers employed	992	1,003	1,168
Number of pupils enrolled under 20 years of age	21,453	22,981	24,072
Number of pupils over 20 enrolled	187	183	195
Number in English branches only	11,317	12,496	13,641
Number of pupils in German	5,784	6,272	6,424
Number of pupils in Latin	4,478	4,420	4,447
Number of pupils in Greek	22	21	5
Number of graduates this year	3,108	3,147	3,731
Number of graduates since organization ..	33,715	34,184	40,674
Number of non-resident pupils enrolled ..	5,763	6,080	6,700
Average salary of assistants	\$532 73	\$549 08	\$535 34
Average salary of principals	\$1,064 33	\$1,087 31	\$1,120 74
Number of principals with salary of \$1,000 or over	131	151	170
Number of schools with average daily at- tendance of less than 25	25	26	18
THREE YEARS COURSE.			
Number of such schools	10	4	4
Number of teachers employed	20	6	6
Number of pupils under 20 enrolled	303	94	94
Number of pupils over 20 enrolled	3		
Number of pupils in English branches only ..	306	70	94
Number of pupils in German			
Number of graduates this year	50	13	35
Number of non-resident pupils enrolled	99	42	35
Average salary of assistants	\$395 63	\$360 00	
Average salary of principals	\$683 00	\$350 00	\$363 25
Number of principals with salary of \$1,000 or over			
Number of female principals	1		
Number of schools with average daily at- tendance of less than 25	4	4	4
TOTALS IN BOTH COURSES.			
Male assistants	144	143	153
Female assistants	705	600	754
Principals holding state certificates	25	16	15
Principals holding university of college di- plomas	101	100	102
SUMMARY OF STATE GRADED SCHOOLS.			
Number of first class state graded schools.	163	162	170
Number of second class state graded schools	216	219	253
Total number of state graded schools.....	379	381	423
Number of departments maintained in such schools	1,101	1,081	1,204
Number of pupils enrolled	43,908	41,337	45,070
Number of graduates this year	939	1,583	1,915
Total amount expended for such schools..	\$309,728 18	\$819,578 76	1,012,551 44

Statistical Tables.

SUMMARY OF INDEPENDENT HIGH SCHOOLS.

INDEPENDENT SCHOOLS.	1905-1906	1906-1907	1907-1908
Number of such schools	14	14	14
Number of teachers employed	214	244	249
Number of pupils under 20 years enrolled..	5,407	5,737	6,356
Number of pupils over 20 enrolled	43	47	52
Number of pupils in English branches only	1,965	2,570	2,751
Number of pupils in German	1,827	1,915	2,377
Number of pupils in Latin.....	1,497	1,214	1,332
Number of pupils in Greek	55	61	64
Number of graduates this year.....	546	638	762
Number of graduates since organization....	5,610	6,576	7,274
Number of non-resident pupils enrolled....	243	279	267
Average salary of assistants	\$829 76	\$831 33	\$881 73
Average salary of principals.....	\$1,848 57	\$1,912 85	\$1,906 15
Number of principals with salary of \$1,000 or more	14	14	14

SUMMARY OF CITIES HAVING CITY SUPERINTENDENTS.

	1905-1906.	1906-1907.	1907-1908.
Number of children between 4 and 20 years of age	278,985	280,363	292,050
Number of children between 7 and 14 years of age	130,953	133,260	132,053
Number of children between 7 and 14 who have attended public school 32 weeks or more	79,850	81,910	81,800
Enrollment of children between 4 and 20 in public schools	143,973	150,839	151,902
Number of school buildings.....	436	376	430
Seating capacity	151,536	159,104	.....
Teachers employed	3,651	3,920	4,138
Average salary of male teachers.....	\$1,070 82	\$1,118 00	\$1,137 60
Average salary of female teachers.....	\$458 19	\$494 50	\$536 90
Number of public kindergartens maintained .....	.....	202	208

Statistical Tables.

COMMON SCHOOL FINANCES.

	1905-1906.	1906-1907.	1907-1908.
RECEIPTS.			
Amount on hand June 30, 1906, 1907, 1908			
From local taxes	\$2,710,623 11	\$2,955,018 66	\$3,618,522 01
From taxes levied by county boards..	4,673,013 17	5,461,440 56	5,591,136 35
From school fund income	1,473,345 34	1,530,919 37	1,666,745 59
From other sources	1,505,110 83	1,636,134 55	1,721,293 01
From other sources	1,517,058 62	1,564,549 09	1,421,633 16
Total	\$11,879,151 10	\$13,178,032 23	\$14,022,330 15
DISBURSEMENTS.			
For building and repairing	\$1,247,065 87	\$1,448,873 75	\$1,804,237 81
For apparatus, furniture, etc.	211,048 25	210,363 83	335,604 47
For old indebtedness	417,496 41	431,219 97	361,166 77
For teachers' wages	5,334,426 63	5,693,173 08	6,090,398 03
For all other purposes.....	1,712,955 46	1,590,989 44	2,052,837 36
Total	\$8,982,992 62	\$9,377,620 10	\$10,694,294 47
Balance on hand June 30.....	\$2,836,158 48	\$3,800,442 13	\$3,328,035 68
EXPENDITURES PER INDIVIDUAL.			
Per capita of those between 4 and 20 years:			
In cities having superintendents.....	\$12 49	\$13 73	\$16 05
In counties outside cities.....	11 34	11 19	12 42
Per capita for those enrolled between 4 and 20:			
In cities having superintendents.....	24 20	26 34	30 85
In counties outside cities.....	16 99	17 22	19 23
Per capita for teachers' wages only, based on those enrolled between 4 and 20:			
In cities having superintendents.....	15 52	16 24	17 23
In counties outside cities.....	9 77	10 34	11 11

Statistical Tables.

UNIVERSITY FINANCES, 1906-1907.

Receipts and disbursements for the fiscal year ending June 30, 1907, were as follows:

Receipts.

From State Appropriations.....	\$822,085 00
From U. S. Appropriations:	
For Experiment Station (Hatch Fund).....	15,000 00
For Agriculture and Mechanic Arts (Morrill Fund)	25,000 00
For Agricultural Experiment Station (Adams Fund)	12,000 00
From Productive Funds:	
University Fund.....	13,192 43
Agricultural College Fund.....	13,111 67
Deposit by Bursar, account student fees, Agricultural Col- lege sales, etc.....	222,020 97
Sundry receipts—Secretary.....	2,850 93
Total	<u>\$1,125,261 00</u>

Disbursements.

Agricultural College and Experiment Station.....	\$197,314 66
College Letters and Science.....	366,022 18
College Engineering.....	134,417 46
Military Department.....	3,050 89
Administration	34,871 15
College of Law.....	30,677 36
Physical Culture.....	39,889 65
General Account.....	45,021 61
Observatory	7,262 12
Chadbourne Hall.....	13,496 55
General Library.....	46,692 31
Laboratory Supplies.....	30,842 59
Fire Protection.....	1,502 84
University Extension.....	4,828 73
Chemical Equipment.....	1,339 96
School of Economics Library Fund.....	.....
New Central Plant.....	730 81
University Hall—North Wing.....	52,243 30
Agricultural Engineering Building.....	34,220 32
Agronomy Building.....	28,905 37
Hill Railway Library Fund.....	1,489 85
Fees Refunded.....	2,328 60
Trostel Prize Fund.....	80 00

Statistical Tables.

Vogel Fellowship.....	280 00
North Wing Equipment.....	9,691 99
University Grounds.....	36,318 11
Allis Scholarship.....	200 00
Henry Gund Scholarship.....	250 00
Kletzsch Fellowship Fund.....	23 00
Piano Account.....	396 75
Agricultural Engineering Building—Equipment.....	9 68
Agronomy Building—Equipment.....	10 85
Steensland Prize.....	70 00
Cream City Prize.....	100 00
Total	<u>\$1,124,578 69</u>

1906-1907.

Total receipts for the year 1906-7.....	\$1,125,261 00	.....
Total disbursements for the year 1906-7..	.....	\$1,124,578 69
Balance June 30, 1906.....	26,594 97	.....
Interest paid on loan from General Fund .....	.....	1,736 52
Balance June 30, 1907.....	.....	<u>25,540 76</u>
	<u>\$1,151,855 97</u>	<u>\$1,151,855 97</u>

Statistical Tables.

UNIVERSITY FINANCES, 1907-8.

Receipts and disbursements for the fiscal year ending June 30, 1908, were as follows:

Receipts 1907-8.

From State Appropriations.....	\$827,532 67
From United States Appropriations:	
Agricultural Experiment Station (Hatch Fund)....	15,000 00
For Agricultural and Mechanic Arts (Morrill Fund)....	25,000 00
Agricultural Experiment Station (Adams Fund)....	9,000 00
Agricultural Experiment Station (Nelson Fund)....	5,000 00
From Productive Funds:	
University Fund.....	13,873 52
Agricultural College Fund.....	13,038 27
Deposits by Bursar, account students' fees, Agricultural College sales, etc.....	257,075 01
Sundry Receipts—Secretary—salary refund.....	50 00
Total	\$1,165,569 47

Disbursements.

Agricultural College and Experiment Station.....	\$240,736 74
College of Letters and Science.....	382,429 04
College of Engineering.....	129,986 79
Administration	29,925 83
Laboratory Supplies.....	32,649 11
College of Law.....	24,716 28
Physical Culture, Men.....	20,342 56
Physical Culture, Women.....	3,843 75
General Account.....	45,782 38
Observatory	6,921 97
Chadbourne Hall.....	11,180 93
General Library.....	43,553 15
Military Department.....	2,706 79
University Extension.....	18,606 02
Architect's Office.....	3,947 40
Fees refunded.....	1,993 85
University Grounds.....	3,401 75
Piano Account.....	1,193 14
J. J. Hill Ry. Library Fund.....	1,526 46
Women's Building.....	2,112 39
Tunnels	210 01
New Central Plant.....	46,645 80
Addition to Administration Building.....	9,899 85

Statistical Tables.

Store Room..... (Credit \$449.25)	1,700 89
Agricultural Engineering Building.....	9,184 42
Agronomy Building.....	5,848 82
Agricultural Engineering Building Equipment.....	4,540 57
Agronomy Equipment.....	3,066 10
Trostel Prize Fund.....	250 00
North Wing Equipment.....	653 03
Kletzsch Fellowship Fund.....	3 71
Henry Gund Scholarship.....	25 00
Allis Scholarship.....	150 00
Henry Wergeland Scholarship.....	200 00
Horse Pavilion—Animal Husbandry Building.....	608 29
Equipment Administration Building.....	591 75
Total	\$1,091,135 37

1907-8.

Total receipts for the year 1907.....	\$1,165,569 47	.....
Total disbursements for the year 1907-8..	.....	\$1,091,135 37
Balance June 30, 1907.....	25,540 76	.....
Balance June 30, 1908.....	.....	99,974 86
	<u>\$1,191,110 23</u>	<u>\$1,191,110 23</u>

RECAPITULATION.

Total receipts for 2 years.....	\$2,290,830 47	.....
Total disbursements for 2 years.....	.....	\$2,215,714 06
Interest paid on loan from General Fund .....	.....	1,736 52
Balance June 30, 1906.....	26,594 97	.....
Balance June 30, 1908.....	.....	99,974 86
	<u>\$2,317,425 44</u>	<u>\$2,317,425 44</u>

Statistical Tables.

COMMON SCHOOL FUND.

	1905-1906.	1906-1907.	1907-1908.
Amount of common school fund.....	\$3,723,955 12	.....	\$3,845,529 30
Income of common school fund.....	191,480 39	\$194,523 45	194,218 78
Income from one mill tax.....	.....	.....	.....
Income from seven-tenths of mill tax (Chap. 313, Laws of 1903).....	1,167,035 72.	1,287,360 00	1,379,410 00
Income from license fees, taxes upon corporations	*200,000 00	200,000 00	200,000 00
Total income	\$1,558,516 11	\$1,681,883 45	\$1,773,653 78
Number of acres of unsold land.....	21,733	.....	15,649

*Chapter 493, Laws of 1905, provides for the payment of the salary of the rural school inspector from the school fund income derived from the license fees.

COMPARISONS OF AVERAGE WAGES.

Number of teachers and enrollments of pupils in counties outside of cities under city superintendents from 1885 to 1904, inclusive.

Years.	Av. wages male teachers.	Av. wages female teachers.	Number male teachers.	Number female teachers.	Total en- rollment pupils be- tween 4 and 20 years of age.	Total number of teachers employed.
1885	\$44 75	\$28 20	2,296	7,504	259,372	9,830
1886	42 64	28 15	2,214	7,718	268,351	9,921
1887	42 25	29 58	2,224	7,816	282,214	8,832
1888	43 94	28 91	2,300	7,818	265,477	10,133
1889	44 50	29 00	2,216	8,273	269,063	10,489
1890	43 50	29 00	2,222	8,302	273,561	10,524
1891	44 96	29 65	1,158	8,549	274,807	10,678
1892	45 00	29 40	2,089	8,443	270,325	10,532
1893	48 70	29 48	2,003	8,478	275,840	10,481
1894	No av.	reported	2,081	8,351	288,717	10,432
1895	44 68	29 78	2,107	7,972	309,257	10,079
1896	47 04	31 02	2,176	7,712	298,530	9,888
1897	44 50	30 38	2,218	7,582	306,644	9,800
1898	41 00	29 50	2,366	7,434	306,574	9,800
1899	41 89	29 78	2,247	7,496	314,150	9,743
1900	43 81	31 79	2,076	8,126	316,465	10,202
1901	47 99	32 67	1,908	8,281	316,159	10,192
1902	50 93	33 19	1,819	8,485	321,607	10,304
1903	52 46	34 11	1,690	8,649	321,054	10,339
1904	55 50	35 26	1,555	8,704	322,142	10,259
1905 .....	.....	.....	1,510	8,919	323,416	10,429
1906	58 87	38 65	1,397	9,174	313,928	10,571
1907	62 34	39 75	1,291	9,290	312,338	10,581
1908	64 27	40 81	.....	.....	.....	.....

Statistical Tables.

STATE CERTIFICATES AND DIPLOMAS.

	During biennial period from July 1, 1904, to June 30, 1906.	July 1, 1906, to June 30, 1907.	July 1, 1907, to June 30, 1908.
Number of unlimited state certificates granted on examination	6	3	1
Number of limited state certificates granted on examination	9	2	1
Number of county superintendent certificates granted on examination.....	10	8	2
Number of diplomas of state university countersigned	170	83	85
Number of diplomas and certificates of state normal schools countersigned.....	1,075	537	507
Number of state certificates granted on diplomas of colleges and universities of this state other than the University of Wisconsin	78	34	37
Number of state certificates from other states countersigned	0	0	0
Number of state certificates granted on diplomas of colleges and universities outside of Wisconsin.....	53	22	30
Number of state kindergarten certificates granted on diplomas from institutions outside of Wisconsin.....	16	1	8
Number of state kindergarten certificates granted on diplomas from institutions in Wisconsin	18	14	14
Number of state certificates granted for manual training and domestic science.....	5	3	7

Statistical Tables.

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	1906-7.		1907-8.		CASH RECEIVED.			
	Plain.	Indexed.	Plain.	Indexed.	For Dictionaries.		For Codes, Deaf Charts and Language Plans.	
					1906-1907.	1907-1908.	1906-1907.	1907-1908.
Quarter ending September 30:								
Furnished free to districts	60	79	79	42	\$440 50	\$497 50	\$1 00	\$21 50
Sold to districts.....	4	44	10	42				
Sold to state officers, normal schools, university, etc.....		11		15				
Quarter ending December 31:					714 00	1,088 00	25	2 75
Furnished free to districts	83	80	80	112				
Sold to districts.....	12	82	28	112				
Sold to state officers, normal schools, university, etc.....		2	1	6				
Quarter ending March 31:					528 00	769 50	32 00	24 00
Furnished free to districts	40	52	52	75				
Sold to districts.....	8	37	21	75				
Sold to state officers, normal schools, university, etc.....		1	5	9				
Quarter ending June 30:					155 00	605 50	2 65	1 00
Furnished free to districts	16	31	31	52				
Sold to districts.....	5	10	18	52				
Sold to state officers, normal schools, university, etc.....		6	1	10				
Total.....	229	217	321	321	\$1,837 50	\$2,960 50	\$35 90	\$49 25

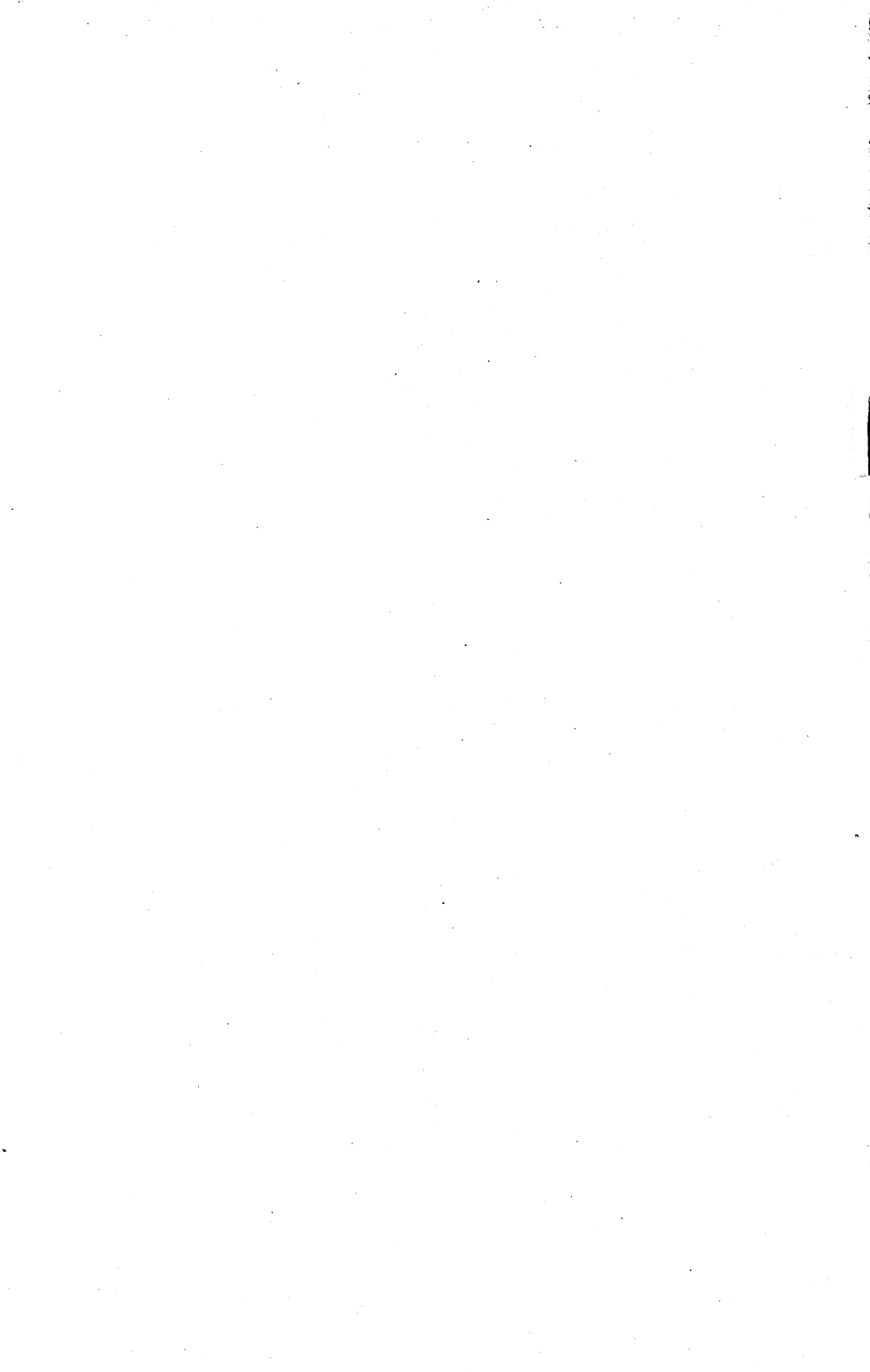
Statistical Tables.

DIPLOMAS AND CERTIFICATES ISSUED AND COUNTERSIGNED BY STATE SUPERINTENDENT.

	All persons to July 1, 1906.	July 1, 1906, to June 30, 1908.
Normal schools	5,973	1,074
University	895	168
Private colleges	375	71
Milwaukee high school	103	1
State certificates on examination	498	7
Foreign diplomas and certificates	260	52
County superintendent's certificates	180	10
Kindergarten certificates	48	87
Manual training and domestic science certificates	5	10

RECAPITULATION, OR GENERAL SUMMARY.

DISBURSEMENTS.	1906.	1907.	1908.
Amount expended in support of the University	\$1,022,548 30	\$1,124,578 09	\$1,091,135 37
Amount expended for normal schools..	372,572 44	431,844 56	547,661 11
Amount expended for common schools, high schools and graded schools.....	8,982,992 62	9,377,620 10	10,694,294 47
Amount for salaries and allowance to county superintendents	84,513 05	87,450 62	91,001 23
Amount for maintenance of teachers' institutes	12,540 30	13,964 66	13,421 66
Amount paid by the state for day schools for the deaf.....	34,205 83	39,480 85	39,836 66
Amount paid by the state for manual training departments	5,000 00	5,000 00	5,000 00
Amount paid by the state for agricultural schools	8,000 00	8,000 00	16,000 00
Amount paid by the state for county training schools for teachers.....	27,361 78	35,433 98	49,223 87
Total.....	\$10,553,671 94	\$11,123,373 46	\$12,547,574 37



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II = Part 2.

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THIRTEENTH BIENNIAL REPORT
OF THE
BOARD OF REGENTS
OF
NORMAL SCHOOLS
OF WISCONSIN

For the School Years 1906-7, 1907-8.



MADISON, WIS.
DEMOCRAT PRINTING COMPANY, STATE PRINTER,
1908

BOARD OF REGENTS OF NORMAL SCHOOLS

REGENT EX-OFFICIO.

THE STATE SUPERINTENDENT, C. P. CARY.

REGENTS APPOINTED.

JOHN HARRINGTON,	- - - - -	Term expires February 1, 1909.
F. D. ENSIGN,	- - - - -	Term expires February 1, 1909.
H. O. HAMILTON,	- - - - -	Term expires February 1, 1910.
C. D. McFARLAND,	- - - - -	Term expires February 1, 1910.
MRS. THEODORA W. YOUMANS,	- - - - -	Term expires February 1, 1911.
C. H. CROWNHART,	- - - - -	Term expires February 1, 1911.
THEODORE KRONSHAGE,	- - - - -	Term expires February 1, 1912.
DUNCAN MCGREGOR,	- - - - -	Term expires February 1, 1912.
EMMETT MORAN,	- - - - -	Term expires February 1, 1913.
THOMAS MORRIS,	- - - - -	Term expires February 1, 1913.

THOMAS MORRIS, PRESIDENT.

C. D. McFARLAND, VICE-PRESIDENT.

WILLIAM KITTLE, SECRETARY.

ANDREW H. DAHL, STATE TREASURER,

Treasurer.

STANDING COMMITTEES.

EXECUTIVE.

THE PRESIDENT, REGENTS McFARLAND AND CROWNHART.

FINANCE.

REGENTS HAMILTON, HARRINGTON AND ENSIGN.

COURSES OF STUDY AND GRADUATING CLASSES.

REGENTS MCGREGOR, YOUMANS, KRONSHAGE, CARY, HAMILTON AND HARRINGTON.

TEACHERS' INSTITUTES.

REGENTS CARY, McFARLAND AND MCGREGOR.

INSPECTION AND APPROPRIATION.

REGENTS ENSIGN, CROWNHART, HORAN AND McFARLAND.

TEACHERS.

REGENTS HARRINGTON, MCGREGOR AND CARY.

LIBRARIES.

REGENTS YOUMANS, KRONSHAGE AND CARY.

SCHOOLS IN OPERATION.

Platteville, opened 1866.

River Falls, opened 1875.

Whitewater, opened 1868.

Milwaukee, opened 1885.

Oshkosh, opened 1871.

Stevens Point, opened 1894.

Superior, opened 1896.

Regular meetings in February and June at the Office of the Board in the Capitol.

PRESIDENT'S REPORT.

His Excellency, JAMES O. DAVIDSON, *Governor*.

SIR:—I have the honor to submit, in accordance with law, my report for the biennial period ending August 31st, 1908, as follows:

I. FINANCES.

The Normal School Fund Income for the year ending June 30, 1908, was as follows:

1. Permanent Annual Tax Levy.....	\$230,000.00
2. Interest on the Normal School Fund.....	89,137.06
3. Collections at the seven Normal Schools.....	27,631.18
4. Annual appropriation by the state for Institutes.....	7,000.00
Total	<u>\$353,768.24</u>

The growth of the normal school system demands a considerable addition to the permanent annual tax levy for the normal schools. During the present year, four summer sessions of six weeks each have been held at four of the normal schools with an attendance of 1088 teachers from the common schools of the state. During the next summer, five, and possibly six summer schools will be in operation and will directly reach the class in most need of normal training. The attendance at the regular sessions has also increased during the past few years. In addition to this, the new normal school building at La Crosse will be ready for occupancy in September, 1909. To meet the current needs of the normal schools, including the summer sessions and the new normal school recently established, not less than \$100,000.00 should be added to the annual tax levy.

President's Report.

II. THE NEW NORMAL SCHOOL BUILDINGS.

The Legislatures of 1905 and 1907 made appropriations for various normal school buildings. The addition to the building at River Falls is completed and adds greatly to the convenience and work of that school. The addition to the building at Superior is completed and provides a marked improvement. The new gymnasium at Oshkosh is in process of construction. The new normal school building at Platteville was nearly completed in August, 1907 and has been used by the school during the past year. The new normal school buildings at Milwaukee and La Crosse are in process of construction and will probably be completed by August, 1909. These various buildings will increase the efficiency of the normal school work and will aid directly in promoting the work of the common schools of the state.

III. THE NORMAL SCHOOL FUND.

The management of this fund is placed by law in the hands of the Commissioners of Public Lands, to-wit: Secretary of State, State Treasurer and the Attorney General; and by courtesy of these officials, the Secretary of the Board of Regents of Normal Schools secures monthly such data as enables him to keep a set of books from which the following facts are obtained. The State Treasurer is the custodian of the cash and bonds, and the Secretary of State keeps the records of special loans and of loans to school districts, villages, towns, counties and cities.

The total fund, June 30, 1908, at the close of business was \$1,957,229.86 (an increase of \$2,166.00 during the biennium), of which \$1150.44 was cash and the sum of \$1,956,079.42 was in bonds and loans as follows, to-wit: —

State certificates of indebtedness at 7 per cent.....	\$515,700.00
Land contracts and individual loans, old law, 7 per cent.....	2,097.00
Bonds at 6 per cent.....	4,000.00
Bonds at 5 per cent.....	66,500.00
Bonds at 4½ per cent.....	57,000.00
Bonds at 4 per cent.....	16,800.00
Bonds at 3½ per cent.....	174,350.00
Special loans at 5 per cent.....	8,568.42
Special loans at 4 per cent.....	70,000.00

President's Report.

Special loans at 3½ per cent.....	812,573.36
School district loans at 3½ per cent.....	228,490.64
Total	<u>\$1,956,079.42</u>
Cash in treasury at close of business, June 30, 1908.....	1,150.44
Total Normal School Fund July 1, 1908.....	<u>\$1,957,229.86</u>

The following shows the sources of interest on the normal school fund for the fiscal year ending June 30, 1908:

Interest on certificates of sales.....	89.89
Interest on bank deposits.....	2,157.26
Interest on school district loans.....	8,504.77
Interest on certificates of indebtedness.....	36,099.00
Interest on bonds and loans.....	42,286.14
Total	<u>\$89,137.06</u>

My predecessor on August 31, 1906, reported the rate of earning to be \$93,679.06 per year. The rate of earning on July 1, 1908, was \$89,137.06 per year.

The following is a list of the securities on July 1, 1908.

CERTIFICATES.

State certificates of indebtedness.....	\$515,700.00
---	--------------

BONDS.

	(Per cent)	
Antigo, city of.....	4	\$14,800.00
Ashland, city of.....	5	22,000.00
Ashland, county of.....	5	25,000.00
Beaver Dam, city of.....	4	2,000.00
Berlin, City of.....	3½	14,000.00
Cambridge, village of.....	3½	5,000.00
Cameron, village of.....	3½	2,100.00
Clinton, city of.....	5	5,500.00
Columbus, city hall.....	5	3,000.00
Edgerton, city of.....	5	1,000.00
Glenwood, town of.....	6	4,000.00
Hudson, city of.....	4½	20,000.00
La Crosse, city of.....	5	10,000.00
La Crosse, county of.....	3½	95,000.00
Mauston, city of.....	3½	10,000.00
Merrill, city of.....	4½	33,000.00
Merrill, city bridge.....	4½	4,000.00
Shawano, city of.....	3½	11,000.00
Stoughton, city of.....	3½	37,250.00
Total		<u>\$318,650.00</u>

President's Report.

SPECIAL LOANS.

	(Per cent)	
Alma Center, village of.....	3½	\$9,500.00
Amery, village of.....	3½	900.00
Arpin, town of.....	3½	8,000.00
Argyle, village of.....	3½	3,440.00
Barron, city of.....	3½	8,699.98
Bayfield, town of, board of school directors.....	3½	5,400.00
Black River Falls city of.....	3½	21,500.00
Blanchardville, village of.....	3½	6,050.00
Birnamwood, village of.....	3½	7,500.00
Bloomer, village of.....	3½	15,000.00
Brule, town of.....	3½	3,000.00
Cary, town of.....	3½	1,800.00
Chippewa, county of.....	5	5,368.42
Colby, city of.....	3½	9,000.00
Crandon, town of, Board of school directors.....	3½	6,000.00
Dane, county of.....	3½	25,000.00
Door, county of.....	3½	33,000.00
Dunn, county of.....	3½	2,000.00
Eaton, town of.....	3½	750.00
Eau Claire, county of.....	3½	91,333.38
Eau Claire, city of.....	3½	22,500.00
Elcho, town of, Board of school directors.....	3½	750.00
Elroy, city of.....	3½	9,500.00
Emerson, town of.....	3½	1,200.00
Finley, town of.....	3½	700.00
Flambeau, town of, Board of school directors.....	3½	3,000.00
Fond du Lac, city of.....	4	8,000.00
Galesville, village of.....	3½	2,000.00
Gagen, town of and town of Piehl.....	3½	3,000.00
Grand Rapids, city of, Board of Education.....	3½	55,000.00
Grant, county of.....	3½	40,000.00
Hazel Green, village of.....	3½	4,800.00
Hiles, town of.....	3½	3,000.00
Iola, village of.....	3½	2,200.00
Iron River, town of.....	3½	800.00
Jacobs, town of.....	3½	5,000.00
Kewaunee, city of.....	3½	3,800.00
Kewaunee, county of.....	3½	2,000.00
La Farge, village of.....	3½	15,000.00
Light House Squadron, Milwaukee.....	4	30,000.00
Madison, city of, Board of Education.....	3½	15,000.00
Madison, city of, Board of Education.....	3½	35,000.00
Madison, city of.....	3½	47,500.00
Mariette, city of.....	3½	11,000.00
Mariette, county of.....	3½	18,000.00
Menomonie, town of.....	3½	2,000.00
Meneomonie, city of.....	3½	30,000.00
Menomonie, city of.....	4	25,000.00
Navarino, town of.....	3½	1,500.00
Newbold, town of.....	3½	1,400.00
New London, city of.....	5	3,000.00
Portage, city of.....	3½	7,500.00

President's Report.

Prairie du Chien.....	4	7,000.00
Richmond & Wescott, towns of.....	5	2,000.00
Sawyer, county of.....	3½	5,000.00
Schoepke, town of.....	3½	350.00
Shawano, county of.....	3½	7,000.00
Shell Lake, town of.....	3½	9,000.00
Solon Springs, town of, Board of school directors.....	3½	3,000.00
State Line, town of, Board of school directors.....	3½	1,500.00
Sturgeon Bay, city of.....	3½	40,000.00
Thorpe, village of.....	3½	4,000.00
Waubeno, town of, Board of school directors.....	3½	16,250.00
Washburn, county of.....	3½	32,250.00
Waupaca, county of.....	3½	46,500.00
Waupaca, city of.....	3½	12,000.00
Wausau, city of.....	3½	14,300.00
Wausaukee, town of, Board of school directors.....	3½	3,000.00
Washington, town of.....	3½	6500.00
West Kewaunee, town of.....	3½	2,000.00
Wien, town of.....	3½	300.00
Whitefish Bay, village of.....	5	1,200.00
Wonewoc, village of.....	3½	5,000.00
Yerk, town of.....	3½	600.00
Total		\$891,141.78

President's Report.

LOANS TO SCHOOL DISTRICTS.

County.	Town.	District.	Rate.	Loan.
Adams	Easton	4	3½	\$490 00
Barron	Chetek	8	3½	520 00
Barron	Stanley, Village of Cameron	Jt. 1	3½	4,800 00
Barron	Barron, Maple Grove and Stanley	Jt. 3	3½	600 00
Barron and Chippewa	Dovie, Auburn, Village of New Auburn	Jt. 11	3½	3,900 00
Buffalo	Modena and Gilmanton	Jt. 1	3½	333 34
Burnett	Jackson	5	3½	700 00
Calumet	City and Town of Chilton	Jt. 1	3½	6,400 01
Chippewa and Eau Claire	Lafayette and Seymour	Jt. 3	3½	600 00
Chippewa	Village of Cadott	7	3½	2,100 00
Clark	Washburn	5	3½	400 00
Columbia and Sauk	West Point, Town and Village of Merri- mac	Jt. 5	3½	2,800 00
Crawford	Seneca	H. school	3½	2,100 00
Dane	Springdale, Blue Mounds, Village of Mt. Horeb	Jt. 7	3½	700 00
Dane	Stoughton and Dunkirk	Jt. 3	3½	18,000 00
Dodge	Hibbard, Oak Grove, City of Horicon	Jt. 1	3½	16,486 68
Dodge	Town and Village of Iheresa	Jt. 13	3½	7,800 00
Door	Sturgeon Bay and Sevastopol	Jt. 1	3½	800 01
Dunn	Stanton	2	3½	300 00
Grant	Platteville and City of Platteville	Jt. 4	3½	12,000 00
Grant	Mt. Ida	3	3½	720 00
Grant	Platteville and City of Platteville	Jt. 4	3½	6,500 00
Green Lake	Mackford and Village of Markesan	Jt. 3	3½	14,000 30
Jackson	Alma and Village of Merrillan	Jt. 5	3½	1,750 00
Jackson	Melross	11	3½	1,000 00
Jefferson	Jefferson and Farmington	Jt. 7	3½	500 00
Kewaunee	Annapee and City of Algoma	Jt. 1	3½	10,400 00
La Crosse	Holland and Onalaska	Jt. 3	3½	1,999 97
Lafayette	Neva	5	3½	600 00
Langlade	McMillan	6	3½	103 34
Marathon	Athelstane	1	3½	500 00
Marquette	West Atlas, Village of	1	3½	3,850 00
Milwaukee	Wauwatosa	7	3½	1,500 00
Milwaukee	Lake	5	3½	5,200 00
Milwaukee	Lincoln	8	3½	693 34
Monroe	City of Appleton	Jt. 2	3½	23,333 33
Outagamie	Grafton, Town and Village of	Jt. 1	3½	8,686 68
Ozaukee	Balsam Lake	2	3½	2,680 00
Polk	West Sweden and Village of Frederick	Jt. 3	3½	950 00
Polk	Clam Falls	3	3½	600 00
Portage	Alban	5	3½	1,050 00
Portage	Carson	10	3½	420 00
Priest Lake	Lake	4	3½	420 00
Richland	Orion	4	3½	800 00
Rock	Milton	5	3½	8,066 70
St. Croix	Glenwood	4	3½	857 14
Shawano and Waupaca	Grand and Dupont and Village of Marion	Jt. 3	3½	7,125 02
Sheboygan	Sheboygan	2	3½	1,260 00
Taylor	Holway	8	3½	420 03
Trempealeau	Etrick	3	3½	600 00
Walworth	Geneva, Linn, Lyons and City of Lake Geneva	Jt. 1	3½	24,000 00
Washburn	Spooner and Village of Spooner	Jt. 1	3½	12,000 00
Washburn	Long Lake	6	3½	300 00
Washburn	Stinette	4	3½	560 00
Waushara	Warren	1	3½	3,200 02
Total				228,490 64

President's Report.

OTHER LOANS.

Total dues outstanding on certificates of sale at 7 per cent.....	\$947.00
Individual loans, old law, at 7 per cent,.....	1,150.00
Total	\$2,097.00

SUMMARY.

State certificates of indebtedness.....	\$515,700.00
Bonds	318,650.00
Special loans	891,141.78
Loans to school districts.....	228,490.64
Other loans.....	2,097.00
Cash in treasury July 1, 1908.....	1,150.44
Total Normal School Fund.....	\$1,957,229.86

IV. THE NORMAL SCHOOL FUND INCOME.

The Normal School Fund Income for the year ending June 30, 1908 was as follows:

1. Permanent Annual Tax Levy.....	\$230,000.00
2. Interest on the Normal School Fund.....	89,137.06
3. Collections at the seven normal schools.....	27,631.18
4. Annual appropriation by the state for Institutes.....	7,000.00
Total	\$353,768.24

"I follow a long established custom of reporting the expenditures from this fund during the two preceding school years, ending with the disbursements made at the annual meeting in June, since the spirit of the law requiring the report seems not to be violated, and every rational purpose of the report seems far better served by so doing."

During the biennial period, July 1, 1906, to June 30, 1908, inclusive, as shown by Appendix A hereunto attached, there was disbursed a total of \$979,505.67, being \$325,591.70 more than during the preceding biennium. During the period from July 1, 1904, to June 30, 1906, there was expended a total of \$23,383.10 for building, while during the following two years there was expended for building purposes and the purchase of land, \$291,799.67. Deducting this amount from the total expenditures,

President's Report.

there remains a total of \$687,706.00, which was expended for regular normal school expenses from July 1, 1906 to June 30, 1908 inclusive. The current expenses for the preceding biennium amounted to \$630,550.87.

This increase of \$57,155.13 during the last biennium has been due to increased expenses caused by building operations, increases in salaries amounting to \$12,725.00; and to unusual expenditures for the improvement of buildings and grounds amounting to \$43,887.01.

The following is the biennial report of the treasurer of the Board:

NORMAL FUND INCOME.

RECEIPTS.

Balance on hand July 1, 1906.....	\$67,293.08
Interest on investments.....	173,498.73
Interest from banks.....	4,326.09
Receipts from Normal schools.....	51,540.23
Receipts from general fund.....	540,000.00
Receipts from taxes.....	230,000.00
Receipts from cancelled drafts.....	3.46
Receipts from refunds.....	1,184.70
	<hr/>
Total	\$1,067,846.23

DISBURSEMENTS.

Warrants	\$976,148.79
Excess of interest refunded.....	98.05
Balance on hand July 1, 1908.....	91,599.39
	<hr/>
Total	\$1,067,846.23

A. H. DAHL,
State Treasurer.

President's Report.

The following is a summary of the total disbursements from July 1, 1906, to June 30, 1908, inclusive:

Warrants paid as shown in Appendix A.....	\$971,599 35
Warrants listed in Appendix A, but paid in July, 1908, \$7,906.32.	
Interest refunds	1 75
State Insurance payments 1906-1907.....	2,139 15
State Insurance payments 1907-1908.....	2,506 59
Total	\$976,246 84

LOANS TO INDIVIDUALS FROM NORMAL SCHOOL FUND OUTSTANDING
JULY 1, 1908.

Date of loan.	Name.	County.	Security.	Rate.	Bal. due.
Sept. 2, 1857	Jos. Langworthy	Juneau.....	Lots 4 and 10, block 2 of Williams' Addition to Mauston.....	7 p. c.	\$300
Dec. 29, 1857.	Geo. W. Emery..	Manitowoc .	Lots 1 and 2, block 57, City of Manitowoc.....	7 p. c.	450
June 19, 1849.	C. S. Wright....	Racine	S. ½ of lot 2, block 12, City of Racine.....	7 p. c.	400
Total....					\$1,150

NORMAL SCHOOL LANDS ON CONTRACT, SEVEN PER CENT. INTEREST ON
BALANCE DUE, JULY 1, 1908.

Description.	S.	T.	East Range.	Acres.	County.	Amount due.
ne ne.....	26	17	5	40	Adams	\$45
nw ne.....	26	17	5	40	Adams	45
nw se.....	3	14	6	40	Adams	26
sw uw.....	30	18	6	40	Adams	65
ne sw.....	30	18	6	40	Adams	28
nw sw.....	30	18	6	40	Adams	65
nw ne.....	36	18	20	40	Calumet.....	20
ne ne.....	12	7	11	40	Dane	77
lot 9, block 56,vil. Manitowoc.					Manitowoc	112
nw sw, or lot 3.....	14	28	17	33.7	Oconto	59
ne nw.....	15	28	17	40	Oconto	48
ne sw.....	15	28	17	40	Oconto	54
se sw.....	15	28	17	40	Oconto	54
ne ne.....	29	28	17	40	Oconto	56
s fr ½ s w.....	31	28	17	51.85	Oconto	36
nw nw.....	32	28	17	40	Oconto	45
se nw.....	28	25	8	40	Portage	20
se sw.....	36	19	10	40	Waushara.....	37
Total.....						\$881

* The Secretary of State reports a total of \$947 00.

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NORMAL SCHOOL LANDS UNSOLD JULY 1, 1908.

Description.	S.	T.	East R.	Acres.	Appraised value.	County.
Lot 9 in block 19 in W. M. Dennis' addition to the city of Watertown.....					\$300 00	
Undivided $\frac{1}{2}$ sw ne.....	31	16	9	20	200 00	Marquette.
Undivided $\frac{1}{2}$ se ne.....	31	16	9	20	200 00	Marinette.
se nw.....	30	18	6	40	90 00	Adams.
sw se.....	31	22	5	40	200 00	Jackson.
ne ne.....	12	27	16	40	240 00	Shawano.
ne se.....	30	28	17	40	60 00	Oconto.
Lot 3.....	31	28	17	36.6	100 00	Oconto.
se ne.....	30	28	17	40	60 00	Oconto.
se se.....	31	28	7	40	80 00	
Total.....					\$1,530 00	

V. LIBRARIES.

The following tables show the receipts and disbursements for the text-book and reference book libraries for the two years ending June 30, 1908.

RECEIPTS.

	Items.	1907-7.	1907-8.	Totals.
Milwaukee.....	Book revenue.....	\$2,324 50	\$2,451 63	\$4,776 13
Oshkosh.....	Book revenue.....	2,856 88	2,998 61	5,855 49
Platteville.....	Book revenue.....	1,582 30	1,708 50	3,290 80
River Falls.....	Book revenue.....	1,602 68	1,444 09	3,046 77
Stevens Point.....	Book revenue.....	1,714 31	1,728 07	3,442 40
Superior.....	Book revenue.....	1,520 00	1,569 55	3,089 55
Whitewater.....	Book revenue.....	1,750 62	1,728 58	3,479 20
Totals.....		\$13,351 31	\$13,629 03	\$26,980 34

DISBURSEMENTS.

	Books 1906-7.		Books 1907-8.		Totals.
	Text.	Reference.	Text.	Reference.	
Milwaukee.....	\$693 64	\$1,381 38	\$815 96	\$1,503 87	\$4,399 85
Oshkosh.....	1,460 90	1,209 49	1,031 30	1,149 85	4,851 54
Platteville.....	915 12	426 31	948 67	420 05	2,710 15
River Falls.....	590 72	985 67	564 27	684 45	2,825 11
Stevens Point.....	950 11	453 68	726 15	652 11	2,782 05
Superior.....	465 09	1,033 47	397 23	960 64	2,856 43
Whitewater.....	1,028 96	518 73	857 93	543 70	2,949 32
Totals.....	\$6,109 54	\$6,008 73	\$5,341 51	\$5,914 67	\$23,374 45

President's Report.

It appears from the foregoing tables that the libraries are not only self-supporting, but are a source of income to the Board, the total disbursements being \$3,605.89 less than the income during the two years.

VI. STUDENTS.

The total enrollment during the past two years was 240 more than the two years preceding biennium. The total enrollment in the Normal Department proper was 182 more than during the preceding biennium.

The total number of graduates was 113 more than during the preceding two years. There were 133 more from the advanced course than during the preceding biennium.

TOTAL ENROLLMENT OF STUDENTS.

Schools. 1906-7.	Normal.	Prepara- tory.	Gram- mar.	Inter- mediate.	Primary and kinder- garden.	Totals.
Milwaukee.....	451		46	57	149	703
Oshkosh.....	620		115	72	119	926
Platteville.....	310		55	46	47	458
River Falls.....	334	2	46	30	68	480
Stevens Point.....	297	11	88	70	125	601
Superior.....	321		39	51	83	497
Whitewater.....	288	5	40	40	117	490
Totals.....	2,621	18	429	369	718	4,155
1907-8.						
Milwaukee.....	485		40	55	129	709
Oshkosh.....	602		114	69	128	913
Platteville.....	325		57	54	80	516
River Falls.....	322		51	29	81	483
Stevens Point.....	347	4	87	46	124	608
Superior.....	331		46	52	90	519
Whitewater.....	314	10	37	42	106	509
Totals.....	2,726	14	482	347	738	4,257

President's Report.

NUMBER OF GRADUATES IN TWO YEARS.

YEAR COURSE.	1906-7.		1907-8.		TOTALS.		
	Elementary.	Advanced.	Elementary.	Advanced.	Elementary.	Advanced.	Both courses.
Milwaukee.....	*	158	*	183	°	341	341
Oshkosh.....	58	121	49	86	107	207	314
Platteville.....	4	62	3	56	7	118	125
River Falls.....	21	50	15	43	36	93	129
Stevens Point.....	30	44	46	47	76	91	167
Superior.....	13	42	25	39	38	81	119
Whitewater.....	24	60	32	53	56	113	169
Totals.....	150	537	170	507	320	1,044	1,364

* This Normal has no elementary course.

TOTAL NUMBER OF GRADUATES (NONE COUNTED TWICE).

SCHOOLS.	When opened.	COURSE.		Both.
		Elementary.	Advanced.	
Milwaukee.....	1885	*	2,202	2,202
Oshkosh.....	1871	841	1,131	1,972
Platteville.....	1866	200	1,038	1,238
River Falls.....	1875	414	398	812
Stevens Point.....	1894	483	426	909
Superior.....	1896	148	346	494
Whitewater.....	1868	704	829	1,533
Totals.....		2,790	6,370	9,160

* This Normal has no elementary course.

President's Report.

The following table shows the number of teachers and employes for the year 1907-8.

NUMBER OF TEACHERS AND EMPLOYES.

NORMAL.	TEACHERS IN NORMAL DE- PARTMENT.		Teach- ers in train- ing schools	Libra- rians and assist- ants.	Clerks.	Jani- tors and assist- ants.	En- gineers and assist- ants.	Total.
	Men.	Women						
Milwaukee.....	11	12	5	2	2	1	1	34
Oshkosh.....	13	16	6	2	1	2	2	42
Platteville.....	11	7	4	1	1	1	1	26
River Falls.....	9	8	4	1	1	1	1	25
Stevens Point.....	10	8	5	2	1	1	1	28
Superior.....	8	9	4	1	1	1	1	25
Whitewater.....	8	9	5	2	1	1	1	27
Totals.....	70	69	33	11	8	8	8	207

Respectfully submitted,

THOMAS MORRIS,

President.

List of Vouchers Paid, 1906-1907.

APPENDIX A.

The following is a complete list of the vouchers paid by authority of the Board of Regents of Normal Schools from July 1st, 1906 to June 30, 1907, inclusive, which is followed by a schedule of classified expenditures for the annual period:

WILLIAM KITTLE,

Secretary.

No.	Date.	Name.	City.	Amount.
1142.	July 3.	J. A. Silver, bldg.....	Platteville	\$3,400 55
1143.	July 26.	Pay roll	Milwaukee	245 00
1144.	July 26.	B. L. Cleary, misc.....	do.....	15 51
1145.	July 26.	Gas Consumer's Ass'n, fuel.....	do.....	4 50
1146.	July 26.	Milwaukee Gas Light Co., fuel &c.....	do.....	18 81
1147.	July 26.	Milwaukee Water Works, W. R.....	do.....	49 50
1148.	July 26.	Milwaukee Western Fuel Co., fuel.....	do.....	33 96
1225.	July 26.	Van Ryn & DeGeleke, Bldg. Mil.....	do.....	3,500 00
1149.	July 26.	Pay roll	Oshkosh	300 00
1150.	July 26.	A. S. Barnes & Co., T. B.....	do.....	49 50
1151.	July 26.	Cook & Brown Lime Co., fuel.....	do.....	468 48
1152.	July 26.	H. J. Evans, A. & C.....	do.....	200 00
1153.	July 26.	Ginn & Co., T. B.....	do.....	24 00
1154.	July 26.	John Goldsworthy, furn.....	do.....	180 00
1155.	July 26.	R. H. Halsey, misc.....	do.....	19 69
1156.	July 26.	Harper & Brothers, R. B.....	do.....	1 82
1157.	July 26.	Harper & Brothers, R. B.....	do.....	1 85
1158.	July 26.	Chas. E. Lauriat Co., R. B.....	do.....	4 50
1159.	July 26.	Macmillan Company, T. B.....	do.....	76 00
1160.	July 26.	A. C. McClurg & Co., R. B.....	do.....	57 54
1161.	July 26.	A. C. McClurg & Co., R. B.....	do.....	78 59
1162.	July 26.	Oshkosh Gas Light Co., fuel &c.....	do.....	14 00
1163.	July 26.	Oshkosh Water Works Co., W. R.....	do.....	130 18
1164.	July 26.	William Otto, misc.....	do.....	4 14
1165.	July 26.	Pay roll.....	River Falls	175 00
1166.	July 26.	E. L. Boothby, misc.....	do.....	12 88
1167.	July 26.	W. J. Brier, misc.....	do.....	16 91
1168.	July 26.	Lura Bruce, misc.....	do.....	13 50
1169.	July 26.	A. C. McClurg & Co., R. B.....	do.....	171 76
1170.	July 26.	Pay roll	Platteville	50 00
1171.	July 26.	City of Platteville, W. R.....	do.....	100 08
1172.	July 26.	J. E. Fawcett, misc.....	do.....	3 75
1173.	July 26.	T. J. Jones, misc.....	do.....	29 83
1174.	July 26.	Platteville Electric L. & P. Co., light.....	do.....	84 72
1175.	July 26.	J. B. Russell, misc.....	do.....	40 00
1176.	July 26.	H. J. Smiley, rep.....	do.....	8 75
1177.	July 26.	S. B. Spencer, rep.....	do.....	2 50
1178.	July 26.	Mrs. Lucy Ivens, misc.....	do.....	10 23
1177a.	July 26.	J. A. Silver, bldg.....	do.....	7,128 93
1179.	July 26.	Pay roll.....	Stevens Point	95 00
1180.	July 26.	E. P. Arpin, misc.....	do.....	5 80
1181.	July 26.	John Calahan, misc.....	do.....	22 60

List of Vouchers Paid, 1906-1907.

1182.	July 26.	Pay roll.....	Superior	195 00
1183.	July 26.	Robt. Agrell, rep.....	do	203 50
1184.	July 26.	E. M. Deming, misc.....	do	24 47
1185.	July 26.	I. C. McNeill, rep.....	do	1 30
1186.	July 26.	Superior Rug Mfg. Co., rep.....	do	10 50
1187.	July 26.	Superior W. L. & P. Co., light.....	do	1 20
1188.	July 26.	Superior W. L. & P. Co., light, &c.....	do	44 20
1189.	July 26.	Y. & L. Coal Co., fuel.....	do	77 70
1190.	July 26.	Chester Carpenter, rep., &c.....	do	14 30
1191.	July 26.	Stanley Currie, bldg., &c.....	do	49 00
1192.	July 26.	John Jirgal, rep.....	do	10 50
1193.	July 26.	Mrs. C. Sworts, rep.....	do	1 50
1194.	July 26.	Pay roll.....	Whitewater	170 00
1195.	July 26.	F. M. & M. M. Finch, rep.....	do	4 80
1196.	July 26.	Chas. W. Martin, rep.....	do	50 78
1197.	July 26.	E. R. Nichols & Co., rep.....	do	3 51
1198.	July 26.	Gust Wegner, fuel.....	do	791 81
1199.	July 26.	A. J. Winnie, misc.....	do	7 34
1200.	July 26.	Daniel Green, rep.....	do	14 00
1201.	July 26.	W. T. Anderson, sal. and exps.....	Institute	76 30
1202.	July 26.	L. H. Clark, sal. and exps.....	do	63 12
1203.	July 26.	F. F. Converse, sal. and exps.....	do	106 20
1204.	July 26.	G. W. Gehrand, sal. and exp.....	do	114 36
1205.	July 26.	D. L. Hennessey, sal. & exps.....	do	91 15
1206.	July 26.	W. C. Hewitt, sal. and exps.....	do	130 58
1207.	July 26.	W. H. Hickok, sal. and exps.....	do	53 10
1208.	July 26.	J. T. Hooper, sal. and exps.....	do	68 06
1209.	July 26.	H. H. Liebenberg, sal.....	do	90 00
1210.	July 26.	J. W. Livingston, sal. and exps.....	do	125 36
1211.	July 26.	V. E. McCaskill, sal. and exps.....	do	158 20
1212.	July 26.	A. H. Sage, sal. and exps.....	do	118 90
1213.	July 26.	A. H. Sage, sal. and exps.....	do	64 21
1214.	July 26.	O. J. Schuster, sal. and exps.....	do	111 86
1215.	July 26.	George C. Shutts, sal. and exps.....	do	146 11
1216.	July 26.	John F. Sims, sal. and exps.....	do	73 12
1217.	July 26.	John H. Stauff, sal. and exps.....	do	79 22
1218.	July 26.	Taylor & Gleason, inc.....	do	80 00
1219.	July 26.	Frank L. Vail, inc.....	do	20 00
1220.	July 26.	William Kittle, sal.....	Board	150 00
1221.	July 26.	Madina T. Redel, gen. exps.....	do	60 00
1222.	July 26.	E. W. Keyes, gen. exps.....	do	42 40
1223.	July 26.	William Kittle, Sec., exps.....	do	9 20
1224.	July 26.	Rufus B. Smith, gen. exps.....	do	10 00
1226.	Aug. 30.	Pay roll, sals.....	Milwaukee	\$ 245 00
1227.	Aug. 30.	Gas Consumers Ass'n, fuel.....	do	3 00
1228.	Aug. 30.	Milwaukee Gas Light Co., fuel, &c.....	do	14 26
1229.	Aug. 30.	Pay roll, sals.....	Oshkosh	195 00
1230.	Aug. 30.	Castle-Pierce Printing Co., ptr.....	do	184 47
1231.	Aug. 30.	Julius Marks, repairs.....	do	163 15
1232.	Aug. 30.	Marshall Field Co., furn.....	do	112 86
1233.	Aug. 30.	Oshkosh Gas Light Co., light, &c.....	do	8 60
1234.	Aug. 30.	Georgie Seefer, repairs.....	do	15 00
1235.	Aug. 30.	Pay roll, sals.....	Platteville	91 67
1236.	Aug. 30.	Salina Bevers, ccp.....	do	11 25
1237.	Aug. 30.	Jane Cummins, rep.....	do	9 00
1238.	Aug. 30.	B. J. Davey, rep.....	do	41 60
1239.	Aug. 30.	Garden City Ed. Co., mis.....	do	14 60
1240.	Aug. 30.	Robert Graham, rep.....	do	6 00
1241.	Aug. 30.	Julia Hall, rep.....	do	4 50
1242.	Aug. 30.	Mrs. Lena Henry, rep.....	do	4 50
1243.	Aug. 30.	Library Bureau, ptr.....	do	27 00
1244.	Aug. 30.	Meyer-Shepherd Lbr. Co., mis.....	do	95
1245.	Aug. 30.	Oettker Hardware Co., rep.....	do	2 70
1246.	Aug. 30.	Jessie Percy, rep.....	do	5 75
1247.	Aug. 30.	Henry Roescher, rep.....	do	23 55
1248.	Aug. 30.	J. A. Silver, bldg.....	do	13,662 90
1249.	Aug. 30.	H. J. Smiley, bldg.....	do	100 00
1250.	Aug. 30.	Mrs. G. L. Smith, rep.....	do	2 25
1250a.	Aug. 30.	J. A. Silver, bldg.....	do	376 68

List of Vouchers Paid, 1906-1907.

1251.	Aug. 30.	Pay roll, sals.....	River Falls	157 50
1252.	Aug. 30.	August Beorn, rep.....	do.....	39 20
1253.	Aug. 30.	C. J. Brewer, mis.....	do.....	13 10
1254.	Aug. 30.	W. J. Brier, mis.....	do.....	29 00
1255.	Aug. 30.	W. J. Brier, mis.....	do.....	16 17
1256.	Aug. 30.	W. J. Brier, mis.....	do.....	7 41
1257.	Aug. 30.	A. E. Chapman, rep.....	do.....	97 60
1258.	Aug. 30.	R. S. Freeman & Co., rep.....	do.....	4 90
1259.	Aug. 30.	Field, Schlick & Co., furn.....	do.....	35 60
1260.	Aug. 30.	Bert Symes, rep.....	do.....	331 75
1261.	Aug. 30.	Pay Roll, sals.....	Stevens Point	95 00
1262.	Aug. 30.	M. H. McCarr, rep.....	do.....	18 00
1263.	Aug. 30.	Castle-Pierce Printing Co., ptr.....	do.....	170 45
1264.	Aug. 30.	Harold Culver, rep.....	do.....	8 05
1265.	Aug. 30.	Theresa Gruba, rep.....	do.....	2 50
1266.	Aug. 30.	Mrs. Josephine Miaski, rep.....	do.....	20 00
1267.	Aug. 30.	Spencer M. Marsh, mis.....	do.....	18 06
1268.	Aug. 30.	Elsie Maunders, sal.....	do.....	25 00
1269.	Aug. 30.	Gilbert Nordbye, rep.....	do.....	6 33
1270.	Aug. 30.	Gilbert Nordbye, rep.....	do.....	17 63
1271.	Aug. 30.	Mrs. Snreda, rep.....	do.....	15 00
1272.	Aug. 30.	Katie Snreda, rep.....	do.....	6 25
1273.	Aug. 30.	Pay Roll, sals.....	Superior	195 00
1274.	Aug. 30.	J. Forin, rep.....	do.....	17 00
1275.	Aug. 30.	Stanley Currie, rep.....	do.....	49 70
1276.	Aug. 30.	John Jirgal, rep.....	do.....	12 30
1277.	Aug. 30.	E. G. Gale, rep.....	do.....	3 00
1278.	Aug. 30.	I. C. McNeill, mis.....	do.....	49 00
1279.	Aug. 30.	I. C. McNeill, mis.....	do.....	17 15
1280.	Aug. 30.	I. C. McNeill, mis.....	do.....	25 30
1281.	Aug. 30.	N. W. Machine Shops, mis.....	do.....	12 23
1282.	Aug. 30.	Rogers-Ruger Lumber Co., rep.....	do.....	51 60
1283.	Aug. 30.	Wallace Stewart, bldg.....	Superior	6 60
1284.	Aug. 30.	Superior Hdw. Co., rep.....	do.....	96 00
1285.	Aug. 30.	Percy Wood, rep.....	do.....	9 15
1286.	Aug. 30.	Superior W. L. & P. Co., light, etc.....	do.....	39 40
1287.	Aug. 30.	Pay Roll, sals.....	Whitewater	170 00
1288.	Aug. 30.	Anti Dust Co., mis.....	do.....	10 00
1289.	Aug. 30.	Coppins & Smith, rep.....	do.....	50 00
1290.	Aug. 30.	Robert Fresson, rep.....	do.....	13 00
1291.	Aug. 30.	Julius D. Finch, rep.....	do.....	21 70
1292.	Aug. 30.	Phil E. Trautmann, rep.....	do.....	148 07
1293.	Aug. 30.	Daniel Green, rep.....	do.....	3 00
1294.	Aug. 30.	O. K. Hugo, rep.....	do.....	458 56
1295.	Aug. 30.	R. R. Johnson, rep.....	do.....	11 30
1296.	Aug. 30.	A. C. McClurg & Co., R. B.....	do.....	21 47
1297.	Aug. 30.	James O'Neill, mis.....	do.....	10 00
1298.	Aug. 30.	C. W. Rockwell, rep.....	do.....	15 05
1299.	Aug. 30.	Albert Salisbury, rep.....	do.....	22 50
1300.	Aug. 30.	Thomas Charles Co., mis.....	do.....	3 32
1301.	Aug. 30.	A. A. Upham, sal.....	do.....	11 39
1302.	Aug. 30.	L. E. Whitney, rep.....	do.....	40 75
1303.	Aug. 30.	R. L. Williams, rep.....	do.....	8 25
1304.	Aug. 30.	C. G. Babcock, sal.....	Institute	60 00
1305.	Aug. 30.	G. O. Banting, sal.....	do.....	105 00
1306.	Aug. 30.	E. M. Beeman, sal.....	do.....	35 00
1307.	Aug. 30.	E. M. Beeman, sal. and exps.....	do.....	83 20
1308.	Aug. 30.	G. L. Bowman, sal. and exps.....	do.....	119 64
1309.	Aug. 30.	C. J. Brewer, sal. and exps.....	do.....	113 75
1310.	Aug. 30.	C. J. Brewer, sal.....	do.....	80 00
1311.	Aug. 30.	H. C. Buell, sal. and exps.....	do.....	123 75
1312.	Aug. 30.	M. A. Bussewitz, sal. and exps.....	do.....	109 72
1313.	Aug. 30.	M. A. Bussewitz, sal. & exps.....	do.....	69 95
1314.	Aug. 30.	M. A. Bussewitz, sal.....	do.....	50 60
1315.	Aug. 30.	John Callahan, sal. and exps.....	do.....	110 06
1316.	Aug. 30.	John Callahan, sal. and exps.....	do.....	142 07
1317.	Aug. 30.	W. H. Cheever, sal. and exps.....	do.....	114 09
1318.	Aug. 30.	W. H. Cheever, sal. and exps.....	do.....	214 20
1319.	Aug. 30.	L. H. Clark, sal.....	do.....	90 00
1320.	Aug. 30.	L. H. Clark, exps.....	do.....	3 25
1321.	Aug. 30.	W. A. Clark, sal. and exps.....	do.....	85 75
1322.	Aug. 30.	Willia P. Colburn, sal. and exps.....	do.....	53 78

List of Vouchers Paid, 1906-1907.

1323.	Aug. 30.	Willis P. Colburn, sal. and exps.....	Institute	94 80.
1324.	Aug. 30.	F. E. Converse, sal. and exps.....	do.....	93 86.
1325.	Aug. 30.	John Dixon, sal. and exps.....	do.....	79 09.
1323.	Aug. 30.	Martha F. Dockery, sal. and exps.....	do.....	87 56.
1327.	Aug. 30.	Martha F. Dockery, sal. and exps.....	do.....	46 77.
1328.	Aug. 30.	B. Mack Dresden, sal.....	do.....	80 00.
1329.	Aug. 30.	B. Mack Dresden, sal. and exps.....	do.....	57 85.
1330.	Aug. 30.	Winnifred Edsall, sal. and exps.....	do.....	47 68.
1331.	Aug. 30.	Winnifred Edsall, sal. and exps.....	do.....	56 79.
1322.	Aug. 30.	Willis P. Colburn, sal. and exps.....	do.....	53 73.
1333.	Aug. 30.	Thomas H. Gentle, sal. and exps.....	do.....	101 00.
1334.	Aug. 30.	D. C. Gile, sal. and exps.....	do.....	87 24.
1335.	Aug. 30.	John E. Hale, sal.....	do.....	60 00.
1336.	Aug. 30.	F. A. Harrison, sal. and exps.....	do.....	61 22.
1337.	Aug. 30.	K. L. Hatch, sal. and exps.....	do.....	61 64.
1338.	Aug. 30.	K. L. Hatch, sal.....	do.....	60 00.
1339.	Aug. 30.	D. L. Hennessey, sal. and exps.....	do.....	87 58.
1340.	Aug. 30.	D. L. Hennessey, sal. and exps.....	do.....	33 00.
1341.	Aug. 30.	W. C. Hewitt, sal. and exps.....	do.....	259 24.
1342.	Aug. 30.	D. O. Hibbard, sal. and exps.....	do.....	38 15.
1343.	Aug. 30.	W. H. Hickok, sal. and exps.....	do.....	97 31.
1344.	Aug. 30.	W. H. Hickok, sal. and exps.....	do.....	52 30.
1345.	Aug. 30.	J. T. Hooper, sal. and exps.....	do.....	116 15.
1346.	Aug. 30.	F. S. Hyer, sal.....	do.....	110 00.
1347.	Aug. 30.	F. S. Hyer, sal. and exps.....	do.....	138 21.
1348.	Aug. 30.	F. S. Hyer, sal. and exps.....	do.....	139 56.
1349.	Aug. 30.	Frank M. Jack, sal. and exps.....	do.....	108 20.
1350.	Aug. 30.	Frank M. Jack, sal. and exps.....	do.....	71 81.
1351.	Aug. 30.	M. H. Jackson, sal. and exps.....	Institute	126 02.
1352.	Aug. 30.	M. H. Jackson, sal. and exps.....	do.....	103 20.
1353.	Aug. 30.	M. H. Jackson, sal.....	do.....	50 00.
1354.	Aug. 30.	Thomas Lloyd Jones, sal. and exps.....	do.....	235 04.
1355.	Aug. 30.	T. J. Jones, sal. and exps.....	do.....	42 50.
1356.	Aug. 30.	Myron E. Keats, sal.....	do.....	105 00.
1357.	Aug. 30.	L. S. Keeley, sal. and exps.....	do.....	52 55.
1358.	Aug. 30.	L. S. Keeley, sal.....	do.....	80 00.
1359.	Aug. 30.	D. O. Kinsman, sal. and exps.....	do.....	112 36.
1360.	Aug. 30.	D. O. Kinsman, sal. and exps.....	do.....	152 89.
1361.	Aug. 30.	Philip A. Kolb, sal. and exp.....	do.....	89 84.
1361a.	Aug. 30.	Philip A. Kolb, sal. and exps.....	do.....	73 98.
1362.	Aug. 30.	F. G. Kraege, sal. and exps.....	do.....	162 63.
1363.	Aug. 30.	G. H. Landgraf, sal. and exps.....	do.....	59 80.
1364.	Aug. 30.	G. H. Landgraf, sal. and exps.....	do.....	61 74.
1365.	Aug. 30.	H. H. Liebenberg, sal. and exps.....	do.....	109 47.
1366.	Aug. 30.	H. H. Liebenberg, sal. and exps.....	do.....	96 96.
1367.	Aug. 30.	R. E. Loveland, sal. and exps.....	do.....	109 40.
1368.	Aug. 30.	W. H. Luehr, sal. and exps.....	do.....	88 50.
1369.	Aug. 30.	W. F. Lusk, sal. and exps.....	do.....	178 20.
1370.	Aug. 30.	V. E. McCaskill, sal. and exps.....	do.....	70 66.
1371.	Aug. 30.	V. E. McCaskill, sal. and exps.....	do.....	209 35.
1372.	Aug. 30.	C. H. Maxson, sal. and exps.....	do.....	81 50.
1373.	Aug. 30.	J. A. Merrill, sal. and exps.....	do.....	97 25.
1374.	Aug. 30.	G. M. Morrissey, sal.....	do.....	60 00.
1375.	Aug. 30.	M. Mortenson, sal.....	do.....	25 00.
1376.	Aug. 30.	C. C. Meland, sal. and exps.....	do.....	71 72.
1377.	Aug. 30.	R. J. O'Hanlon, sal. and exps.....	do.....	105 49.
1378.	Aug. 30.	G. E. Pratt, sal. and exps.....	do.....	47 62.
1379.	Aug. 30.	O. S. Rice, sal. and exps.....	do.....	82 54.
1380.	Aug. 30.	W. P. Roseman, sal. and exps.....	do.....	78 40.
1381.	Aug. 30.	Asa M. Royce, sal. and exps.....	do.....	101 40.
1382.	Aug. 30.	Asa M. Royce, sal. and exps.....	do.....	59 24.
1383.	Aug. 30.	A. H. Sage, sal. and exps.....	do.....	65 54.
1384.	Aug. 30.	A. H. Sage, sal. and exps.....	do.....	129 41.
1385.	Aug. 30.	Katherine Schlegel, sal. and exps.....	do.....	85 06.
1386.	Aug. 30.	D. H. Schuler, sal. and exps.....	do.....	143 42.
1387.	Aug. 30.	O. J. Schuster, sal. and exps.....	do.....	122 74.
1388.	Aug. 30.	O. J. Schuster, sal. and exps.....	do.....	138 73.
1389.	Aug. 30.	F. K. Sechrist, sal. and exps.....	do.....	81 50.
1390.	Aug. 30.	William F. Sell, sal. and exps.....	do.....	40 98.
1391.	Aug. 30.	F. F. Showers, sal. and exps.....	do.....	113 17.
1392.	Aug. 30.	F. F. Showers, sal. and exps.....	do.....	96 45.
1393.	Aug. 30.	G. C. Shotts, sal. and exps.....	do.....	296 46.
1394.	Aug. 30.	John F. Sims, sal. and exps.....	do.....	116 43.
1395.	Aug. 30.	C. E. Slothower, sal. and exps.....	do.....	99 63.
1396.	Aug. 30.	Chester W. Smith, sal. and exps.....	do.....	94 61.
1397.	Aug. 30.	C. B. Stanley, exps.....	do.....	17 25.
1398.	Aug. 30.	C. B. Stanley, exps.....	do.....	5 00.

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1399.	Aug. 30.	C. B. Stanley, sal.....	Institute	80 00
1400.	Aug. 30.	G. W. Swartz, sal. and exps.....	do.....	102 00
1401.	Aug. 30.	G. W. Swartz, sal.....	do.....	80 00
1402.	Aug. 30.	S. Miles Thomas, sal. and exps.....	do.....	56 80
1403.	Aug. 30.	A. A. Thomson, sal. and exps.....	do.....	110 92
1404.	Aug. 30.	A. A. Thomson, sal.....	do.....	40 00
1405.	Aug. 30.	Fred Thompson, sal. and exps.....	do.....	72 78
1406.	Aug. 30.	A. J. Thorne, sal. and exps.....	do.....	35 70
1407.	Aug. 30.	S. B. Tobey, sal. and exps.....	do.....	80 36
1408.	Aug. 30.	A. W. Trefien, sal.....	do.....	70 00
1409.	Aug. 30.	Allen B. West, sal. and exps.....	do.....	50 65
1410.	Aug. 30.	F. M. Wiemer, sal. and exps.....	do.....	105 49
1411.	Aug. 30.	Franc A. Wilkins, sal. and exps.....	do.....	63 65
1412.	Aug. 30.	H. L. Wilson, sal. and exps.....	do.....	75 00
1413.	Aug. 30.	H. L. Wilson, sal. and exps.....	do.....	37 64
1414.	Aug. 30.	A. J. Winnie, sal. and exps.....	do.....	38 21
1415.	Aug. 30.	Geo. A. Works, sal. and exps.....	do.....	82 12
1416.	Aug. 30.	American Express Co., gen. exps.....	Board	7 68
1417.	Aug. 30.	U. S. Express Co., gen. exps.....	do.....	3 65
1418.	Aug. 30.	C. M. & St. P. R. Co., gen. exps.....	do.....	189 00
1419.	Aug. 30.	J. Knauber Litho. Co., gen. exps.....	do.....	28 75
1420.	Aug. 30.	May Buchanan, gen. exps.....	do.....	60 00
1421.	Aug. 30.	William Kittle, sal. and exps.....	do.....	167 78
1422.	Sep. 27.	Pay roll, sals.....	Milwaukee	\$4,185 00
1423.	Sep. 27.	American Book Co., T. B.....	do.....	25 44
1424.	Sep. 27.	Clement, Williams & Co., rep.....	do.....	1 10
1425.	Sep. 27.	Drake Bros., misc.....	do.....	10 60
1426.	Sep. 27.	The Edgar Manufacturing Co., A. & C.....	do.....	6 20
1427.	Sep. 27.	William Froderman, misc.....	do.....	250 00
1428.	Sep. 27.	Hendee, Bamford, Crandall Co., ptg., &c.....	do.....	55 10
1429.	Sep. 27.	Library Bureau, R. B.....	do.....	3 25
1430.	Sep. 27.	Independent Oil & Grease Co., misc.....	do.....	58 93
1431.	Sep. 27.	F. Knorr, misc.....	do.....	11 00
1432.	Sep. 27.	Chas. McKenny, stationery, &c.....	do.....	27 50
1433.	Sep. 27.	Chas. McKenny, R. B.....	do.....	5 00
1434.	Sep. 27.	G. O. Menz, rep.....	do.....	16 00
1435.	Sep. 27.	Milwaukee Free Press, R. B.....	do.....	9 00
1436.	Sep. 27.	Milwaukee Gas Light Co., light, &c.....	do.....	17 14
1437.	Sep. 27.	Milwaukee Lumber Co., rep.....	do.....	5 75
1438.	Sep. 27.	Milwaukee Western Fuel Co., fuel.....	do.....	123 01
1439.	Sep. 27.	Rand McNally & Co., T. B.....	do.....	16 62
1440.	Sep. 27.	Schneck Machine Co., rep.....	do.....	60 61
1441.	Sep. 27.	Standard Paper Co., stationery, &c.....	do.....	11 85
1442.	Sep. 27.	Wm. Steinmeyer, misc.....	do.....	14 12
1443.	Sept. 27.	Wis. Electrical Cons. Co., rep.....	do.....	3 45
1444.	Sep. 27.	Wis. School Supply Co., misc.....	do.....	26 67
1445.	Sep. 27.	A. G. Wright, R. B.....	do.....	6 00
1446.	Sep. 27.	Pay roll, sals.....	Oshkosh	4,746 50
1447.	Sep. 27.	American Express Co., misc.....	do.....	3 85
1448.	Sep. 27.	Art Metal Construction Co., furn.....	do.....	74 25
1449.	Sep. 27.	Bangs Rapid Trans. Line, misc.....	do.....	9 10
1450.	Sep. 27.	C. W. Bardeen, stationery.....	do.....	2 00
1451.	Sep. 27.	Buckstaff-Edwards Co., furn.....	do.....	6 70
1452.	Sep. 27.	Ralph M. Burtis Co., rep.....	do.....	82 50
1453.	Sep. 27.	C. P. Cary, R. B.....	do.....	30 00
1454.	Sep. 27.	Campbell & Cameron Co., fuel.....	do.....	12 00
1455.	Sep. 27.	Castle-Pierce Printing Co., ptg., &c.....	do.....	11 95
1456.	Sep. 27.	Central Construction Co., rep.....	do.....	1 20
1457.	Sep. 27.	Clough & Co., rep.....	do.....	2 95
1458.	Sep. 27.	Clough & Co., rep.....	do.....	4 50
1459.	Sep. 27.	J. K. Cole, rep.....	do.....	5 40
1460.	Sep. 27.	Cook & Brown Lime Co., rep.....	do.....	5 00
1461.	Sep. 27.	Cook & Brown Lime Co., fuel.....	do.....	516 37
1462.	Sep. 27.	Elizabeth R. Crawford, sal.....	do.....	6 60
1463.	Sep. 27.	Luther Davies & Co., misc.....	do.....	5 00
1464.	Sep. 27.	Eimer & Amend, A. & C.....	do.....	51 73
1465.	Sep. 27.	Herman Fuhs, rep.....	do.....	3 50
1466.	Sep. 27.	Germania Pub. Co., R. B.....	do.....	17 45
1467.	Sep. 27.	Joseph Gillott & Sons, stationery.....	do.....	5 04
1468.	Sep. 27.	Ginn & Co., T. B.....	do.....	33 72
1468.	Sep. 27.	Globe Printing Co., ptg., &c.....	do.....	5 35
1470.	Sep. 27.	R. H. Halsey, misc.....	do.....	16 64

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1471.	Sep. 27.	J. I. Holcomb Mfg. Co., misc.....	Oshkosh	31 50
1472.	Sep. 27.	D. P. Hughes, misc.....	do.....	2 03
1473.	Sep. 27.	John M. Hurn, stationery.....	do.....	4 10
1474.	Sep. 27.	India Alkali Works, misc.....	do.....	25 08
1475.	Sep. 27.	Ella B. Jones, sal.....	do.....	10 05
1476.	Sep. 27.	Nellie M. Knosker, stationery.....	do.....	31 90
1577.	Sep. 27.	Addie Libert, sal.....	do.....	3 35
1478.	Sep. 27.	Frederick Libke, rep.....	do.....	17 10
1479.	Sep. 27.	Macmillan Co., T. B.....	do.....	20 20
1480.	Sep. 27.	Harriet C. Magee, furn.....	do.....	5 00
1481.	Sep. 27.	P. L. Marden, rep.....	do.....	719 86
1482.	Sep. 27.	Medberry-Findeisen Co., stationery, &c.....	do.....	19 07
1483.	Sep. 27.	J. H. Mills, sal.....	do.....	13 75
1484.	Sep. 27.	John D. Morris & Co., R. B.....	do.....	9 75
1485.	Sep. 27.	Oshkosh Gas Light Co., rep.....	do.....	1 25
1486.	Sep. 27.	Oshkosh Gas Light Co., light, &c.....	do.....	9 10
1487.	Sep. 27.	Oshkosh Gas Light Co., light, &c.....	do.....	9 09
1488.	Sep. 27.	Oshkosh Gas Light Co., light, &c.....	do.....	22 44
1489.	Sep. 27.	Oshkosh Gas Light Co., light, &c.....	do.....	11 41
1490.	Sep. 27.	Paine Lumber Co., rep.....	do.....	7 47
1491.	Sep. 27.	Paragon Oil & Supply Co., misc.....	do.....	1 90
1492.	Sep. 27.	W. C. Pixler, R. B.....	do.....	11 00
1493.	Sep. 27.	Wm. Savage, rep.....	do.....	70 00
1494.	Sep. 27.	Georgie Sefer, misc.....	do.....	50 69
1495.	Sep. 27.	D. H. Shepardon, sal.....	do.....	35 00
1496.	Sep. 27.	Silver, Burdett & Co., T. B.....	do.....	20 84
1497.	Sep. 27.	Stroud & Co., misc.....	do.....	21 70
1498.	Sep. 27.	Toner Plumbing & Hdw. Co., rep.....	do.....	550 00
1499.	Sep. 27.	Toner Plumbing & Hdw. Co., rep.....	do.....	10 66
1500.	Sep. 27.	W. Scott Thurber, furn.....	do.....	35 00
1501.	Sep. 27.	Ethel F. Tower, sal.....	do.....	2 00
1502.	Sep. 27.	U. S. Express Co., R. B.....	do.....	1 00
1503.	Sep. 27.	F. S. Webster Co., stationery, &c.....	do.....	12 70
1504.	Sep. 27.	Western Union Tel. Co., misc.....	do.....	2 08
1505.	Sep. 27.	Wisconsin Telephone Co., misc.....	do.....	6 55
1506.	Sep. 27.	Pay roll, sals.....	Platteville	3,115 00
1507.	Sep. 27.	American Book Co., T. B.....	do.....	9 60
1508.	Sep. 27.	American Book Co., T. B.....	do.....	57 52
1509.	Sep. 27.	Anthony & Scovill, A. & C.....	do.....	19 40
1510.	Sep. 27.	Richard F. Beger, misc.....	do.....	2 26
1511.	Sep. 27.	Belle Burke, misc.....	do.....	5 91
1512.	Sep. 27.	H. G. Chase & Co., misc.....	do.....	2 65
1513.	Sep. 27.	R. M. Burtis, A. & C.....	do.....	2 60
1514.	Sep. 27.	A. B. Dick, stationery.....	do.....	4 00
1515.	Sep. 27.	Ginn & Co., T. B.....	do.....	44 11
1516.	Sep. 27.	D. C. Heath & Co., T. B.....	do.....	29 65
1517.	Sep. 27.	Lena Henry, misc.....	do.....	3 00
1518.	Sep. 27.	C. Hoostman, misc.....	do.....	3 65
1519.	Sep. 27.	J. W. Livingston, misc.....	do.....	14 60
1520.	Sep. 27.	Louis B. Malecki & Co., misc.....	do.....	10 00
1521.	Sep. 27.	A. H. Nehls & Co., misc.....	do.....	3 15
1522.	Sep. 27.	A. H. Nehls & Co., R. B.....	do.....	9 00
1523.	Sep. 27.	B. B. Newell, misc.....	do.....	10 00
1524.	Sep. 27.	Northern Paper Mills, misc.....	do.....	11 76
1525.	Sep. 27.	Platteville Lbr. & Fuel Co., fuel.....	do.....	162 62
1526.	Sep. 27.	Powers & Lyons, T. B.....	do.....	4 92
1527.	Sep. 27.	Henry Sanders, misc.....	do.....	42
1528.	Sep. 27.	J. A. Silver, bldg.....	do.....	9,907 60
1529.	Sep. 27.	Smith Premier Co., stationery.....	do.....	5 00
1530.	Sep. 27.	Arch L. Tarrell, misc.....	do.....	10 14
1531.	Sep. 27.	Pay roll, sals.....	River Falls	2,670 00
1532.	Sep. 27.	American Book Co., T. B.....	do.....	29 60
1533.	Sep. 27.	American Ry. Guide Co., misc.....	do.....	2 50
1534.	Sep. 27.	D. Appleton Co., T. B.....	do.....	6 75
1535.	Sep. 27.	Baker Paper Co., stationery.....	do.....	14 00
1536.	Sep. 27.	Allyn & Baker, T. B.....	do.....	85 83
1537.	Sep. 27.	Allyn & Bacon, T. B.....	do.....	12 00
1538.	Sep. 27.	W. J. Brier, stationery, &c.....	do.....	32 35
1539.	Sep. 27.	A. B. Dick & Co., rep.....	do.....	1 88
1540.	Sep. 27.	C. E. Engquist, rep.....	do.....	2 50
1541.	Sep. 27.	Ginn & Co., T. B.....	do.....	6 75
1542.	Sep. 27.	Ginn & Co., T. B.....	do.....	17 64

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1543.	Sep. 27.	D. C. Heath & Co., T. B.....	River Falls	13 85
1544.	Sep. 27.	Library Bureau, misc.....	do.....	4 10
1545.	Sep. 27.	Little Chronicle Press, R. B.....	do.....	4 00
1546.	Sep. 27.	Macmillan Co., T. B.....	do.....	27 72
1547.	Sep. 27.	A. W. Minnford & Co., T. B.....	do.....	10 00
1548.	Sep. 27.	H. W. Morrow, misc., &c.....	do.....	9 92
1549.	Sep. 27.	Dorothy Rogers, sal.....	do.....	10 00
1550.	Sep. 27.	E. H. Sargent & Co., A. & C., &c.....	do.....	53 96
1551.	Sep. 27.	Silver, Burdett & Co., T. B.....	do.....	16 00
1552.	Sep. 27.	The Simplex Net Co., A. & C.....	do.....	15 75
1553.	Sep. 27.	St. Paul Book & Stationery Co., R. B.....	do.....	3 60
1554.	Sep. 27.	Grace Thayer, sal.....	do.....	4 00
1555.	Sep. 27.	Raymond Thayer, sal.....	do.....	6 00
1556.	Sep. 27.	Thos. Charles Co., misc.....	do.....	8 75
1557.	Sep. 27.	Underwood Typewriter Co., misc.....	do.....	1 50
1558.	Sep. 27.	Waldorf Bindery Co., R. B.....	do.....	68 15
1559.	Sep. 27.	Western News Co., misc.....	do.....	10 22
1560.	Sep. 27.	Pay roll, sals.....	Stevens Point	3,275 00
1561.	Sep. 27.	American Book Co., T. B.....	do.....	9 71
1562.	Sep. 27.	Anti Dust Floor Dressing Co., misc.....	do.....	25 50
1563.	Sep. 27.	Roger Bigford, T. B.....	do.....	75
1564.	Sep. 27.	Ira L. Eldredge, rep.....	do.....	38 95
1565.	Sep. 27.	Pat Haley, rep.....	do.....	12 00
1566.	Sep. 27.	J. I. Holcomb Mfg. Co., misc.....	do.....	11 50
1567.	Sep. 27.	The Macmillan Co., T. B.....	do.....	25 86
1568.	Sep. 27.	H. D. McCulloch Co., misc.....	do.....	17 45
1569.	Sep. 27.	James A. Miller & Bro., rep.....	do.....	150 10
1570.	Sep. 27.	Milwaukee Free Press, R. B.....	do.....	3 00
1571.	Sep. 27.	Post Pub. Co., R. B.....	do.....	84 67
1572.	Sep. 27.	Scott, Foresman & Co., T. B.....	do.....	13 60
1573.	Sep. 27.	Silver, Burdett & Co., T. B.....	do.....	24 30
1574.	Sep. 27.	John F. Sims, misc.....	do.....	69 56
1575.	Sep. 27.	Stevens Point Water Co., water rent.....	do.....	100 00
1576.	Sep. 27.	Jas. B. Sullivan & Co., rep.....	do.....	23 65
1577.	Sep. 27.	U. S. Express Co., misc.....	do.....	6 04
1578.	Sep. 27.	Bruce Wilcox, rep.....	do.....	1 50
1579.	Sep. 27.	Wisconsin Telephone Co., misc.....	do.....	9 25
1580.	Sep. 27.	Pay roll, sals.....	Superior	2,950 00
1581.	Sep. 27.	Mabel Arneson, sal.....	do.....	2 00
1582.	Sep. 27.	Broadway Laundry Co., misc.....	do.....	4 21
1583.	Sep. 27.	Stanley Currie, sal.....	do.....	7 76
1584.	Sep. 27.	Wm. Donley, rep.....	do.....	5 00
1585.	Sep. 27.	Douglas Co. Tel. Co., misc.....	do.....	9 00
1586.	Sep. 27.	Dunn-Whipple Co., sta.....	do.....	16 50
1587.	Sep. 27.	Anna Durning, sal.....	do.....	3 00
1588.	Sep. 27.	W. M. Edmont, rep.....	do.....	5 00
1589.	Sep. 27.	Gaylord Bros., R. B.....	do.....	2 00
1590.	Sep. 27.	D. C. Heath & Co., T. B.....	do.....	8 53
1591.	Sep. 27.	Ragna Iverson, T. B.....	do.....	2 00
1592.	Sep. 27.	Johnson Service Co., rep.....	do.....	3 55
1593.	Sep. 27.	Joos & Asmundson, rep.....	do.....	3 00
1594.	Sep. 27.	Lake Superior Bag Co., sta.....	do.....	1 44
1595.	Sep. 27.	Lake Superior Bag Co., stationery.....	do.....	4 93
1596.	Sep. 27.	Lake Superior Bag Co., misc.....	do.....	4 80
1597.	Sep. 27.	Lake Superior Bag Co., stationery.....	do.....	30 08
1598.	Sep. 27.	Lake Superior Bag Co., stationery.....	do.....	5 00
1599.	Sep. 27.	R. C. Mast, T. B., &c.....	do.....	54 50
1600.	Sep. 27.	M. May Furniture Co., furn., &c.....	do.....	36 75
1601.	Sep. 27.	A. C. McClurg & Co., R. B.....	do.....	94 20
1602.	Sep. 27.	Charlotte McIntyre, sal.....	do.....	3 00
1603.	Sep. 27.	I. C. McNeill, R. B.....	do.....	9 55
1604.	Sep. 27.	I. C. McNeill, misc.....	do.....	9 10
1605.	Sep. 27.	I. C. McNeill, stationery.....	do.....	19 50
1606.	Sep. 27.	I. C. McNeill, misc.....	do.....	6 87
1607.	Sep. 27.	Catharine Moylan, sal.....	do.....	3 50
1608.	Sep. 27.	Neil & Co., rep.....	do.....	121 67
1609.	Sep. 27.	Elizabeth Nelson, R. B.....	do.....	3 50
1610.	Sep. 27.	Matt Nyquist, rep.....	do.....	50 80
1611.	Sep. 27.	People's Telephone Co., misc.....	do.....	9 00
1612.	Sep. 27.	Prang Educational Co., misc.....	do.....	4 60
1613.	Sep. 27.	Rogers-Ruger Lbr. Co., rep.....	do.....	2 40
1614.	Sep. 27.	Roth Bros., rep., &c.....	do.....	1 25
1615.	Sep. 27.	E. H. Sargent & Co., A. & C.....	do.....	2 42

List of Vouchers Paid, 1906-1907.

1616.	Sep. 27.	Otto Schmidt, sal.....	Superior	7 00
1617.	Sep. 27.	Superior Hdw. Co., rep.....	do.....	40 15
1618.	Sep. 27.	Superior Ship Bldg. Co., rep.....	do.....	8 20
1619.	Sep. 27.	Superior W. L. & P. Co., w. r., &c.....	do.....	38 30
1620.	Sep. 27.	Edith Thompson, T. B.....	do.....	2 00
1621.	Sep. 27.	Thos. Charles Co., misc.....	do.....	8 66
1622.	Sep. 27.	Grace Underhill, T. B.....	do.....	2 00
1623.	Sep. 27.	W. C. White, misc.....	do.....	1 00
1624.	Sep. 27.	Pay roll, sals.....	Whitewater	3, 200 00
1625.	Sep. 27.	American Book Co., T. B.....	do.....	52 05
1626.	Sep. 27.	Julius Andrae & Sons Co., rep.....	do.....	2 50
1627.	Sep. 27.	Atkinson, Mentzer & Grover, T. B., &c.....	do.....	26 49
1628.	Sep. 27.	C. M. Barnes Co., T. B.....	do.....	81 29
1629.	Sep. 27.	F. R. Bloodgood, stationery, &c.....	do.....	12 00
1630.	Sep. 27.	C. P. Cary, R. B.....	do.....	22 50
1631.	Sep. 27.	Clement, Williams & Co., furn.....	do.....	18 00
1632.	Sep. 27.	W. E. Clinton & Co., R. B. & T. B.....	do.....	82 25
1633.	Sep. 27.	F. M. & M. M. Finch, misc.....	do.....	7 15
1634.	Sep. 27.	Jos. Flanner, furn.....	do.....	2 73
1635.	Sep. 27.	Henry Holt & Co., T. B.....	do.....	46 50
1636.	Sep. 27.	O. K. Hugo, rep.....	do.....	48 12
1637.	Sep. 27.	Ed. Joslin, misc.....	do.....	16 12
1638.	Sep. 27.	Kenyon News & P. S. Co., R. B.....	do.....	67 55
1639.	Sep. 27.	Wm. C. Kruel Co., stationery.....	do.....	3 14
1640.	Sep. 27.	National Supply Co., misc.....	do.....	3 00
1641.	Sep. 27.	Northern Paper Mills, misc.....	do.....	11 76
1642.	Sep. 27.	H. J. O'Connor, A. & C., &c.....	do.....	12 74
1643.	Sep. 27.	H. J. O'Connor, R. B., &c.....	do.....	9 83
1644.	Sep. 27.	The Prang Educational Co., T. B.....	do.....	10 56
1645.	Sep. 27.	R. K. Row & Co., T. B.....	do.....	24 00
1646.	Sep. 27.	Albert Salisbury, stationery, &c.....	do.....	42 26
1647.	Sep. 27.	Shea Smith & Co., stationery.....	do.....	6 40
1648.	Sep. 27.	Silver, Burdett & Co., A. & C.....	do.....	27 00
1649.	Sep. 27.	Silver, Burdett & Co., T. B.....	do.....	6 25
1650.	Sep. 27.	Todd & Todd, misc.....	do.....	11 24
1651.	Sep. 27.	Thos. Charles Co., misc.....	do.....	14 44
1652.	Sep. 27.	Phil E. Trautmann, rep.....	do.....	6 00
1653.	Sep. 27.	Frank J. Wagner, sal.....	do.....	10 00
1654.	Sep. 27.	Gust Wegner, fuel.....	do.....	497 23
1655.	Sep. 27.	Whitewater Electric Light Co., light.....	do.....	18 45
1656.	Sep. 27.	Whitewater Register Co., T. B., &c.....	do.....	29 65
1657.	Sep. 27.	Whitewater Register Co., stationery, &c.....	do.....	15 75
1658.	Sep. 27.	Whitewater Water Works Co., w. r.....	do.....	100 00
1659.	Sep. 27.	Wis. Dairy Supply Co., misc.....	do.....	1 83
1660.	Sep. 27.	Wisconsin Telephone Co., mis.....	do.....	8 10
1661.	Sep. 27.	W. J. Betts, misc.....	Board	17 50
1662.	Sep. 27.	May Buchanan, gen. exps.....	do.....	60 00
1663.	Sep. 27.	C. M. & St. P. R. R. Co., gen. exps.....	do.....	60 00
1664.	Sep. 27.	William Kittle, Secretary's sal. and exps.....	do.....	173 15
1665.	Sep. 27.	Chas. McKenny, gen. exps.....	do.....	10 61
1666.	Sep. 27.	Silver-Tonsberg Co., Regent's exps.....	do.....	3 00
1666a.	Sep. 27.	Library Bureau, Regent's exps.....	do.....	3 00
1667.	Sep. 27.	Mrs. Mary D. Bradford, sal. and exps.....	Institute	121 43
1668.	Sep. 27.	H. C. Buell, sal. and exps.....	do.....	62 32
1669.	Sep. 27.	Fred Christiansen, sal. and exps.....	do.....	81 00
1670.	Sep. 27.	G. E. Dafoe, sal. and exps.....	do.....	52 38
1671.	Sep. 27.	Thomas Loyd Jones, sal. and exps.....	do.....	66 60
1672.	Sep. 27.	J. A. Hageman, sal. and exps.....	do.....	80 36
1673.	Sep. 27.	J. T. Hooper, sal. and exps.....	do.....	61 30
1674.	Sep. 27.	J. T. Hooper, sal. and exps.....	do.....	51 80
1675.	Sep. 27.	Chas. McKenny, sal. and exps.....	do.....	65 76
1676.	Sep. 27.	A. M. Olson, sal. and exps.....	do.....	68 06
1677.	Sep. 27.	A. M. Olson, sal. and exps.....	do.....	66 35
1678.	Sep. 27.	A. M. Olson, sal. and exps.....	do.....	64 42
1679.	Sep. 27.	A. M. Olson, sal.....	do.....	50 00
1680.	Sep. 27.	O. S. Rice, sal. and exps.....	do.....	85 14
1681.	Sep. 27.	J. P. Riordan, sal. and exps.....	do.....	38 00
1682.	Sep. 27.	Wm. F. Sell, sal. and exps.....	do.....	40 98
1683.	Sep. 27.	H. L. Wilson, sal. and exps.....	do.....	81 16

List of Vouchers Paid, 1906-1907.

1684.	Oct. 26.	Pay roll, sals.....	Milwaukee	\$4,062 00
1685.	Oct. 26.	American Book Co., T. B.....	do.....	11 88
1686.	Oct. 26.	J. S. Bletcher & Co., ptg.....	do.....	140 00
1687.	Oct. 26.	Bond, Hahn & Sarow Co., rep.....	do.....	5 30
1688.	Oct. 26.	Maud Burdick, misc.....	do.....	1 85
1689.	Oct. 26.	E. C. Case, A. & C.....	do.....	3 50
1690.	Oct. 26.	Maud B. Curtis, misc.....	do.....	2 25
1691.	Oct. 26.	Espenhain Dry Goods Co., misc.....	do.....	2 27
1692.	Oct. 26.	Flamer-Hafsoos Piano Co., misc.....	do.....	7 50
1693.	Oct. 26.	S. Y. Gillan & Co., stationery.....	do.....	6 00
1694.	Oct. 26.	Gimbel Bros., misc.....	do.....	11 71
1695.	Oct. 26.	Ginn & Co., T. B.....	do.....	4 09
1696.	Oct. 26.	Grumiaux News & Subs. Co., R. B.....	do.....	185 63
1697.	Oct. 26.	Hendee-Banford-Crandall Co., stationery.....	do.....	78 75
1698.	Oct. 26.	Henry Holt & Co., T. B.....	do.....	37 50
1699.	Oct. 26.	Houghton-Mifflin & Co., T. B.....	do.....	71 13
1700.	Oct. 26.	Houghton-Mifflin & Co., T. B.....	do.....	14 43
1701.	Oct. 26.	Geo. T. Johnson Co., misc.....	do.....	9 00
1702.	Oct. 26.	J. Klawing & Co., R. B., &c.....	do.....	167 79
1703.	Oct. 26.	Chas. McKenny, stationery, &c.....	do.....	21 43
1704.	Oct. 26.	Macmillan Company, T. B.....	do.....	20 80
1705.	Oct. 26.	Edward P. Martin Co., misc.....	do.....	60
1706.	Oct. 26.	The Merten-Miller Co., rep.....	do.....	108 50
1707.	Oct. 26.	Milwaukee Gas Light Co., light, &c.....	do.....	31 82
1708.	Oct. 26.	Milwaukee Water Works Co., w. r.....	do.....	21 25
1709.	Oct. 26.	C. E. Patzer, stationery, &c.....	do.....	7 47
1710.	Oct. 26.	Phoenix International Light Co., misc.....	do.....	22 44
1711.	Oct. 26.	Mrs. W. J. Robinson, T. B.....	do.....	3 85
1712.	Oct. 26.	Louis Schoknecht, rep.....	do.....	73 35
1713.	Oct. 26.	Scott-Foresman & Co., T. B.....	do.....	5 50
1714.	Oct. 26.	Standard Paper Co., stationery.....	do.....	1 73
1715.	Oct. 26.	C. H. Stoelting Co., A. & C.....	do.....	8 75
1716.	Oct. 26.	Wisconsin Telephone Co., misc.....	do.....	18 00
1717.	Oct. 26.	Pay roll, sals.....	Oshkosh	4,785 00
1718.	Oct. 26.	Houghton-Mifflin & Co., T. B.....	do.....	8 28
1719.	Oct. 26.	Ella B. Jones, sal.....	do.....	14 90
1720.	Oct. 26.	M. M. Kitz & Sons, A. & C.....	do.....	2 50
1721.	Oct. 26.	American Crayon Co., misc.....	do.....	9 00
1721a.	Oct. 26.	American Book Co., T. B.....	do.....	9 48
1722.	Oct. 26.	American Express Co., T. B.....	do.....	3 95
1723.	Oct. 26.	American Express Co., R. B.....	do.....	3 87
1724.	Oct. 26.	D. Appleton & Co., T. B.....	do.....	4 10
1725.	Oct. 26.	Baker Paper Co., stationery.....	do.....	132 25
1726.	Oct. 26.	Central Construction Co., rep.....	do.....	1 60
1727.	Oct. 26.	E. M. Crane, stationery.....	do.....	105 60
1728.	Oct. 26.	Elizabeth Crawford, sal.....	do.....	8 20
1729.	Oct. 26.	A. Flanagan Co., misc.....	do.....	3 10
1730.	Oct. 26.	A. Flanagan Co., T. B.....	do.....	2 52
1731.	Oct. 26.	Ginn & Co., T. B.....	do.....	15 26
1732.	Oct. 26.	Globe Printing Co., stationery, &c.....	do.....	35 76
1733.	Oct. 26.	Grumiaux News & Subs. Co., R. B.....	do.....	3 85
1734.	Oct. 26.	Grumiaux News Printing Co., R. B.....	do.....	6 25
1735.	Oct. 26.	Hicks Printing Co., misc.....	do.....	2 55
1736.	Oct. 26.	Houghton-Mifflin & Co., T. B.....	do.....	42 00
1737.	Oct. 26.	Houghton-Mifflin & Co., T. B.....	do.....	23 40
1738.	Oct. 26.	F. M. Lampson, rep.....	do.....	15 90
1739.	Oct. 26.	F. M. Lampson, rep.....	do.....	208 85
1740.	Oct. 26.	F. M. Lampson, rep.....	do.....	39 10
1741.	Oct. 26.	Addie Libert, sal.....	do.....	12 20
1742.	Oct. 26.	John P. McCormick, rep.....	do.....	42 00
1743.	Oct. 26.	A. C. McClurg & Co., R. B.....	do.....	111 05
1744.	Oct. 26.	A. C. McClurg & Co., R. B., &c.....	do.....	26 52
1745.	Oct. 26.	Macmillan Co., T. B.....	do.....	24 00
1746.	Oct. 26.	Macmillan Co., T. B.....	do.....	4 50
1747.	Oct. 26.	Macmillan Co., T. B.....	do.....	11 15
1748.	Oct. 26.	Fred Medart, furn.....	do.....	3 30
1749.	Oct. 26.	Anthon F. Miller, rep.....	do.....	671 70
1750.	Oct. 26.	J. H. Mills, sal.....	do.....	8 13
1751.	Oct. 26.	Cornelia Osborn, furn.....	do.....	100 00
1752.	Oct. 26.	Oshkosh Gas Light Co., light, &c.....	do.....	15 22
1753.	Oct. 26.	Oshkosh Gas Light Co., light &c.....	do.....	11 40
1754.	Oct. 26.	Oshkosh Office Supply Co., stationery.....	do.....	1 05
1755.	Oct. 26.	Oshkosh Water Works Co., w. r.....	do.....	91 01

List of Vouchers Paid, 1906-1907.

1756.	Oct. 26.	Paine Lumber Co., misc.....	Oshkosh	27 36
1757.	Oct. 26.	Post Publishing Co., R. B.....	do	71 45
1758.	Oct. 26.	Reginald Sanders, sal.....	do	4 20
1759.	Oct. 26.	Ernst Sarau, stationery.....	do	11 75
1760.	Oct. 26.	Georgie Seefel, sal.....	do	25 39
1761.	Oct. 26.	Shaw-Walker Co., furn.....	do	18 00
1762.	Oct. 26.	Irwin Shepard, Secy N. E. A., T. B.....	do	5 90
1763.	Oct. 26.	Standard School Furn. Co., misc.....	do	6 50
1764.	Oct. 26.	Ethel F. Tower, sal.....	do	4 00
1765.	Oct. 26.	P. F. Van Everen, stationery.....	do	32 50
1765.	Oct. 26.	Western Union Tel. Co., misc.....	do	1 92
1767.	Oct. 26.	H. W. Wilson Co., R. B.....	do	90
1768.	Oct. 26.	Wisconsin Telephone Co., misc.....	do	12 45
1769.	Oct. 26.	Pay roll, sals.....	Platteville	3,055 00
1770.	Oct. 26.	Henry Holt & Co., T. B.....	do	96 00
1771.	Oct. 26.	Imperial Brush Co., misc.....	do	9 00
1772.	Oct. 26.	Johnson Service Co., rep.....	do	45
1773.	Oct. 26.	Kenyon News Co., R. B.....	do	1 48
1774.	Oct. 26.	H. A. Larson, R. B.....	do	129 25
1775.	Oct. 26.	A. C. McClurg & Co., R. B.....	do	71
1776.	Oct. 26.	A. C. McClurg & Co., T. B.....	do	3 57
1777.	Oct. 26.	A. C. McClurg & Co., T. B.....	do	127 34
1778.	Oct. 26.	A. C. McClurg & Co., T. B.....	do	12 34
1779.	Oct. 26.	A. H. Nehls & Co., misc.....	do	2 75
1780.	Oct. 26.	A. H. Nehls & Co., furn.....	do	6 70
1781.	Oct. 26.	Oetteker Hardware Co., misc.....	do	10 50
1782.	Oct. 26.	R. K. Row & Co., T. B.....	do	12 00
1782a.	Oct. 26.	J. A. Silver, bldg.....	do	7,230 10
1782b.	Oct. 26.	H. J. Smiley, bldg.....	do	554 12
1783.	Oct. 26.	Pay roll, sals.....	River Falls	2 700 00
1784.	Oct. 26.	F. L. Baker, rep., &c.....	do	6 40
1785.	Oct. 26.	Bausch & Lomb Optical Co., A. & C.....	do	4 23
1786.	Oct. 26.	Binney & Smith Co., misc.....	do	7 25
1787.	Oct. 26.	W. J. Brier, misc.....	do	9 51
1788.	Oct. 26.	A. Flanagan Co., misc.....	do	22 61
1789.	Oct. 26.	J. R. Henderson, misc.....	do	1 75
1790.	Oct. 26.	John Leslie Paper Co., stationery.....	do	17 00
1791.	Oct. 26.	John Klingman, stationery, &c.....	do	8 05
1792.	Oct. 26.	Library of Congress, R. B.....	do	4 36
1793.	Oct. 26.	Frank Luberg, rep.....	do	12 65
1794.	Oct. 26.	A. C. McClurg & Co., T. B.....	do	10 25
1795.	Oct. 26.	Orr & Lockett Hdw. Co., misc.....	do	1 37
1796.	Oct. 26.	Helen Pratt, sal.....	do	7 50
1797.	Oct. 26.	Benj. H. Sanborn & Co., T. B.....	do	15 23
1798.	Oct. 26.	Silver, Burdett & Co., T. B.....	do	2 63
1799.	Oct. 26.	Bert Symes, rep.....	do	48 55
1800.	Oct. 26.	Pay roll, sals.....	Stevens Point	3,253 00
1801.	Oct. 26.	Albany Perf. Wrapping Paper Co., misc.....	do	24 00
1802.	Oct. 26.	Andrae & Shaffer Co., misc.....	do	10 40
1803.	Oct. 26.	Baker Paper Co., stationery.....	do	5 60
1804.	Oct. 26.	Bausch & Lomb Optical Co., A. & C.....	do	5 73
1805.	Oct. 26.	Genevieve Clifford, sal.....	do	5 25
1806.	Oct. 26.	Nina Chenevert, sal.....	do	3 00
1807.	Oct. 26.	E. M. Copps & Co., fuel.....	do	624 72
1808.	Oct. 26.	Ginn & Co., T. B.....	do	12 70
1809.	Oct. 26.	J. C. Heil, rep.....	do	10 00
1810.	Oct. 26.	Houghton-Mifflin & Co., T. B.....	do	5 00
1811.	Oct. 26.	Johnson Service Co., rep.....	do	3 17
1812.	Oct. 26.	C. Krembs & Bros., rep., &c.....	do	258 93
1813.	Oct. 26.	Langenberg Brick Mfg. Co., rep.....	do	17 98
1814.	Oct. 26.	H. D. McCulloch Co., sta., etc.....	do	16 11
1815.	Oct. 26.	Josephine Miaski, misc.....	do	1 88
1816.	Oct. 26.	Milwaukee Dustless Brush Co., misc.....	do	17 00
1817.	Oct. 26.	Moll-Glennon Co., misc.....	do	4 13
1818.	Oct. 26.	Moll-Glennon Co., misc.....	do	1 00
1819.	Oct. 26.	Murray & Lemma, misc.....	do	6 63
1820.	Oct. 26.	National Express Co., misc.....	do	6 05
1821.	Oct. 26.	Reading & Newman, T. B., etc.....	do	14 20
1822.	Oct. 26.	Scott-Foresman & Co., T. B.....	do	4 92
1823.	Oct. 26.	Herbert Steiner, sal.....	do	10 20
1824.	Oct. 26.	Taylor Bros. sta., etc.....	do	2 90

List of Vouchers Paid, 1906-1907.

1825.	Oct. 26.	Vaughn's Seed Store, misc.....	Stevens Point	9 01
1826.	Oct. 26.	Vetter Mfg. Co., rep.....	do.....	8 76
1827.	Oct. 26.	Western Union Telegraph Co., misc.....	do.....	5 58
1828.	Oct. 26.	Wisconsin Telephone Co., misc.....	do.....	10 05
1828a.	Oct. 26.	V. P. Atwell, rep.....	do.....	20 32
1829.	Oct. 26.	Pay Roll, sals.....	Superior	2,059 00
1830.	Oct. 26.	American Book Co., T. B.....	do.....	1 73
1831.	Oct. 26.	D. Appleton & Co., T. B.....	do.....	6 60
1832.	Oct. 26.	Grace Barbour, misc.....	do.....	25 00
1833.	Oct. 26.	Lillie Berg, sal.....	do.....	5 00
1834.	Oct. 26.	Stanley Currie, sal.....	do.....	6 78
1835.	Oct. 26.	W. M. Edmund, sta.....	do.....	4 25
1836.	Oct. 26.	Fitzpatrick & Erickson, rep.....	do.....	2 40
1837.	Oct. 26.	Ginn & Co., T. B.....	do.....	11 41
1838.	Oct. 26.	The Globe Wernicke Co., R. B.....	do.....	2 03
1839.	Oct. 26.	D. C. Heath & Co., T. B.....	do.....	2 47
1840.	Oct. 26.	India Alkali Works, misc.....	do.....	6 16
1841.	Oct. 26.	Lightbody & Wingate, misc.....	do.....	1 95
1842.	Oct. 23.	I. C. McNeill, sta., etc.....	do.....	11 40
1843.	Oct. 23.	I. C. McNeill, misc.....	do.....	10 83
1844.	Oct. 26.	I. C. McNeill, misc.....	do.....	3 00
1845.	Oct. 26.	A. C. McClurg & Co., T. B.....	do.....	19 44
1846.	Oct. 26.	A. C. McClurg & Co., R. B.....	do.....	23 31
1847.	Oct. 26.	Macmillan Co., T. B.....	do.....	25 40
1848.	Oct. 26.	R. C. Mast, R. B.....	do.....	6 25
1849.	Oct. 26.	Multrum in Parvo Binder Co., R. B.....	do.....	3 25
1850.	Oct. 26.	William O'Connor, misc.....	do.....	22 01
1851.	Oct. 26.	Margaret Porter, misc.....	do.....	4 89
1852.	Oct. 26.	The Praug Educational Co, misc.....	do.....	1 60
1853.	Oct. 26.	Albert Rodin, misc.....	do.....	4 00
1854.	Oct. 26.	Rogers-Ruger Lbr. Co., misc.....	do.....	10 35
1855.	Oct. 26.	Russell Bros., R. B.....	do.....	107 75
1856.	Oct. 26.	E. H. Sargent & Co., A. & C.....	do.....	15 90
1857.	Oct. 26.	Otto Schmidt, sal.....	do.....	6 12
1858.	Oct. 26.	Silver-Tonsberg Co., sta.....	do.....	6 75
1859.	Oct. 26.	Helen Smith, T. B.....	do.....	2 00
1860.	Oct. 26.	Thos. Charles Co., misc.....	do.....	23 16
1861.	Oct. 26.	Superior W. L. & P. Co., w. r., etc.....	do.....	39 70
1862.	Oct. 26.	Pay Roll, sals.....	Whitewater	3,189 00
1863.	Oct. 26.	American Seating Co., furn.....	do.....	41 69
1864.	Oct. 26.	Baker Paper Co., sta.....	do.....	12 40
1865.	Oct. 26.	A. B. Dick Co., sta.....	do.....	10 25
1866.	Oct. 26.	Ginn & Co., T. B.....	do.....	40 03
1867.	Oct. 26.	Fred Medart, furn.....	do.....	7 50
1868.	Oct. 26.	Rand, McNally & Co., T. B.....	do.....	18 00
1869.	Oct. 26.	Roger A. Simonson & Co., sta.....	Whitewater	7 20
1870.	Oct. 26.	Frank J. Wagner, sal.....	do.....	10 00
1871.	Oct. 26.	Whitewater Electric Light Co., light.....	do.....	10 35
1872.	Oct. 26.	Howard Winn, misc.....	do.....	26 00
1873.	Oct. 26.	Wisconsin Telephone Co., misc.....	do.....	2 50
1874.	Oct. 26.	W. H. Cheever, sal. and exps.....	Institute	58 33
1875.	Oct. 26.	F. S. Hyer, sal. and exps.....	do.....	29 04
1876.	Oct. 26.	Geo. Shutts, sal. and exps.....	do.....	39 43
1877.	Oct. 26.	May Buchanan, gen. exps.....	Board....	60 00
1878.	Oct. 26.	C. M. & St. P. R. R., gen. exps.....	do.....	60 00
1879.	Oct. 26.	William Kittle, Secy's sal. and exps.....	do.....	165 61
1880.	Oct. 26.	O. J. Schuster, gen. exps.....	do.....	8 27
1881.	Oct. 26.	Mrs. Theodora W. Youmans, Regent's exps.....	do.....	12 50
1882.	Nov. 21.	Pay Roll, sals.....	Milwaukee	\$4,073 00
1883.	Nov. 21.	American Book Co., T. B.....	do.....	11 20
1884.	Nov. 21.	D. Appleton & Co., T. B.....	do.....	4 80
1885.	Nov. 21.	Bausch & Lomb Optical Co., A. & C.....	do.....	23 95
1886.	Nov. 21.	T. A. Chapman Co., misc.....	do.....	6 40
1887.	Nov. 21.	Clement, Williams & Co., misc.....	do.....	3 50
1888.	Nov. 21.	Continental Mfg. Co., misc.....	do.....	4 50
1889.	Nov. 21.	F. A. Goll, rep.....	do.....	125 00
1890.	Nov. 21.	D. C. Heath & Co., T. B.....	do.....	18 00
1891.	Nov. 21.	Hendee-Bamford-Crandall Co., ptg.....	do.....	42 50

List of Vouchers Paid, 1906-1907.

1892.	Nov. 21.	B. Hoffmann Mfg. Co., rep.....	Milwaukee	10 30
1893.	Nov. 21.	J. I. Holcomb Mfg. Co., misc.....	do	19 50
1894.	Nov. 21.	Chas. McKenny, misc.....	do	14 94
1894a.	Nov. 21.	Chas. McKenny, sta., etc.....	do	15 72
1895.	Nov. 21.	Milwaukee Free Press Co., bldg.....	do	7 00
1896.	Nov. 21.	Milwaukee Western Fuel Co., fuel.....	do	113 96
1897.	Nov. 21.	Phillip Gross Hardware Co., misc.....	do	20 17
1898.	Nov. 21.	Rand, McNally & Co., T. B.....	do	19 20
1899.	Nov. 21.	Mrs. H. C. Rule, T. B., etc.....	do	2 65
1900.	Nov. 21.	W. B. Saunders Co., R. B.....	do	1 00
1901.	Nov. 21.	Standard Oil Co., misc.....	do	2 70
1902.	Nov. 21.	Wm. Steinmeyer Co., misc.....	do	4 28
1903.	Nov. 21.	C. H. Stoelting Co., A. & C.....	do	3 40
1904.	Nov. 21.	Nina C. Vanderwalker, misc.....	do	3 00
1905.	Nov. 21.	R. Wagner, misc.....	do	2 85
1906.	Nov. 21.	The H. H. West Co., sta., etc.....	do	59 14
1907.	Nov. 21.	Wisconsin School Supply Co., misc.....	do	6 50
1908.	Nov. 21.	Yahr & Lange Drug Co., rep.....	do	65 24
1910.	Nov. 21.	Pay Roll, sals.....	Oshkosh	4,795 00
1911.	Nov. 21.	American Express Co., T. B.....	do	3 75
1912.	Nov. 21.	American Seating Co., rep.....	do	30 22
1913.	Nov. 21.	Atkinson, Mentzer & Grover, A. & C.....	do	32 00
1914.	Nov. 21.	Don P. Birdsall, sal.....	do	18 00
1915.	Nov. 21.	Campbell & Cameron Co., fuel.....	do	12 00
1916.	Nov. 21.	Central Construction Co., rep.....	do	7 75
1917.	Nov. 21.	Elizabeth R. Crawford, sal.....	do	10 00
1918.	Nov. 21.	Dearborn Drug & Chemical Works, rep.....	do	37 50
1919.	Nov. 21.	Educational Pub. Co., T. B.....	do	15 00
1920.	Nov. 21.	R. H. Halsey, misc.....	do	19 95
1921.	Nov. 21.	Hay Hardware Co., misc.....	do	1 75
1922.	Nov. 21.	S. Heymann Co., misc.....	do	1 44
1923.	Nov. 21.	Albert Johnson, misc.....	do	3 10
1924.	Nov. 21.	Ella B. Jones, sal.....	do	14 50
1925.	Nov. 21.	Addie Libert, sal.....	do	5 00
1926.	Nov. 21.	Library Bureau, furn.....	do	8 15
1927.	Nov. 21.	A. C. McClurg & Co., R. B.....	do	37 79
1928.	Nov. 21.	A. C. McClurg & Co., R. B.....	do	94 01
1929.	Nov. 21.	Macmillan Co., T. B.....	do	6 60
1930.	Nov. 21.	Maynard Merrill & Co., T. B.....	do	31 25
1931.	Nov. 21.	Medberry-Findeisen Co., misc.....	do	39 00
1932.	Nov. 21.	The Miles Co., misc.....	do	5 30
1933.	Nov. 21.	Wm. G. Miller, misc.....	do	2 70
1934.	Nov. 21.	Jesse E. Moore, misc.....	do	6 25
1935.	Nov. 21.	Oshkosh Gas Light Co., light, etc.....	do	17 95
1936.	Nov. 21.	Oshkosh Gas Light Co., light, etc.....	do	32 50
1937.	Nov. 21.	Paine Lumber Co., misc.....	do	20 22
1938.	Nov. 21.	Ralph M. Burtis Co., rep.....	do	5 00
1939.	Nov. 21.	Rand, McNally & Co., T. B.....	do	5 40
1940.	Nov. 21.	J. Reardon & Son Trans. Co., misc.....	do	2 00
1941.	Nov. 21.	R. K. Row & Co., T. B.....	do	12 65
1942.	Nov. 21.	Reginald Sanders, sal.....	do	4 00
1943.	Nov. 21.	E. L. Schroeder, sal.....	do	15 00
1944.	Nov. 21.	Verner Scott, sal.....	do	12 00
1945.	Nov. 21.	Georgie Seefter, sal.....	do	30 00
1946.	Nov. 21.	Spencer Lens Co., A. & C.....	do	23 44
1947.	Nov. 21.	Standard Paper Co., sta.....	do	11 00
1948.	Nov. 21.	Joseph E. Steier, misc.....	do	4 00
1949.	Nov. 21.	Joseph E. Steier, sal.....	do	26 25
1950.	Nov. 21.	Union Stoneware Co., misc.....	do	5 00
1951.	Nov. 21.	Ethel F. Tower, sal.....	do	4 00
1952.	Nov. 21.	Charles H. Velte, sal.....	do	18 00
1953.	Nov. 21.	Wisconsin Telephone Co., misc.....	do	1 25
1954.	Nov. 21.	Pay Roll, sals.....	Platteville	3,035 00
1955.	Nov. 21.	American Book Co., T. B.....	do	9 60
1956.	Nov. 21.	C. B. Beach & Co., R. B.....	do	9 60
1957.	Nov. 21.	Belle Burke, misc.....	do	5 00
1958.	Nov. 21.	John Dennis, rep.....	do	5 20
1959.	Nov. 21.	A. B. Dick, sta.....	do	1 95
1960.	Nov. 21.	R. I. Dugdale, misc.....	do	29 40
1961.	Nov. 21.	Dwyer Plg. & Htg. Co., bldg.....	do	4,633 50
1962.	Nov. 21.	Clement Enloe, misc.....	do	7 50
1963.	Nov. 21.	J. E. Fawcett, misc.....	do	19 35

List of Vouchers Paid, 1906-1907.

1964.	Nov. 21.	J. E. Fawcett, misc.....	Platteville	1 50
1935.	Nov. 21.	J. E. Fawcett, rep.....	do.....	3 80
1935.	Nov. 21.	Gane Bros. & Co., misc.....	do.....	6 96
1937.	Nov. 21.	Garden City Ed. Co., misc.....	do.....	6 51
1968.	Nov. 21.	Gilmore & Smith, sta.....	do.....	13 10
1969.	Nov. 21.	Gilmore & Smith, A. & C.....	do.....	3 80
1970.	Nov. 21.	Peter Henderson, misc.....	do.....	21 35
1971.	Nov. 21.	Mrs. Lena Henry, sal.....	do.....	25 00
1972.	Nov. 21.	Mrs. Lena Henry, misc.....	do.....	7 75
1973.	Nov. 21.	Henry Holt & Co., T. B.....	do.....	30 00
1974.	Nov. 21.	Chas. Howard, misc.....	do.....	6 41
1975.	Nov. 21.	A. C. McClurg & Co., T. B.....	do.....	21 41
1976.	Nov. 21.	A. C. McClurg & Co., T. B.....	do.....	22 84
1977.	Nov. 21.	Macmillan Co., T. B.....	do.....	3 79
1978.	Nov. 21.	A. H. Nehls Co., sta.....	do.....	75 98
1979.	Nov. 21.	Orr & Lockett, A. & C., etc.....	do.....	6 97
1980.	Nov. 21.	Rand, McNally & Co., A. & C.....	do.....	1 50
1981.	Nov. 21.	Will M. Rindlaub, sta., etc.....	do.....	24 25
1982.	Nov. 21.	J. B. Russell, bldg.....	do.....	10 00
1983.	Nov. 21.	E. H. Sargeant & Co., A & C, etc.....	do.....	20 04
1984.	Nov. 21.	Frank Squires, misc.....	do.....	5 50
1985.	Nov. 21.	Taylor Feed Co., misc.....	do.....	3 50
1985a	Nov. 21.	J. A. Silver, bldg.....	do.....	7,526 72
1986.	Nov. 21.	Pay Roll, sals.....	River Falls	2,700 00
1987.	Nov. 21.	W. J. Brier, misc.....	do.....	14 61
1988.	Nov. 21.	Central Scientific Co., A. & C.....	do.....	49 25
1989.	Nov. 21.	A. E. Chapman, rep.....	do.....	15 66
1990.	Nov. 21.	A. B. Dick Co., sta.....	do.....	11 11
1991.	Nov. 21.	Educational Pub. Co., T. B.....	do.....	5 02
1992.	Nov. 21.	F. D. Ensign, misc.....	do.....	17 95
1993.	Nov. 21.	F. D. Ensign, rep.....	do.....	12 63
1994.	Nov. 21.	Ginn & Co., T. B.....	do.....	2 19
1995.	Nov. 21.	Ginn & Co., T. B.....	do.....	34 15
1996.	Nov. 21.	H. P. Hurlburt, sta., etc.....	do.....	17 30
1997.	Nov. 21.	John Leslie Paper Co., sta.....	do.....	5 78
1998.	Nov. 21.	Longmans, Green & Co., T. B.....	do.....	2 39
1999.	Nov. 21.	Lyon & Healy, T. B.....	do.....	14 37
2000.	Nov. 21.	Maynard Merrill Co., T. B.....	do.....	5 94
2001.	Nov. 21.	Helen Pratt, sal.....	do.....	7 50
2002.	Nov. 21.	Benj. H. Sanborn Co., T. B.....	do.....	14 13
2003.	Nov. 21.	Silver, Burdett & Co., T. B.....	do.....	2 73
2004.	Nov. 21.	Smith Printing Co., sta.....	do.....	4 25
2005.	Nov. 21.	Thomas Charles Co., misc.....	do.....	2 00
2005.	Nov. 21.	Tunstead Heating Co., rep.....	do.....	115 88
2007.	Nov. 21.	Pay Roll, sals.....	Stevens Point	3,209 00
2008.	Nov. 21.	Bausch & Lomb Optical Co., A. & C.....	do.....	79 75
2009.	Nov. 21.	A. S. Clark, R. B.....	do.....	51 20
2010.	Nov. 21.	E. M. Copps & Co., fuel.....	do.....	200 90
2011.	Nov. 21.	Mrs. J. W. Duke, misc.....	do.....	1 14
2012.	Nov. 21.	G. P. Engelhard & Co., sta.....	do.....	14 90
2013.	Nov. 21.	Edward Fromm, misc.....	do.....	12 90
2014.	Nov. 21.	A. G. Green, misc.....	do.....	2 48
2015.	Nov. 21.	M. E. Greenwood, misc.....	do.....	9 67
2016.	Nov. 21.	D. C. Heath & Co., R. B.....	do.....	15 25
2017.	Nov. 21.	Jas. W. Jensen, misc.....	do.....	9 34
2018.	Nov. 21.	A. C. McClurg & Co., sta., etc.....	do.....	121 27
2019.	Nov. 21.	Josephine Miaski, misc.....	do.....	2 50
2020.	Nov. 21.	Murray & Lemma, misc.....	do.....	13 74
2021.	Nov. 21.	Normal Pointer, Clarence A. Mortell, misc.....	do.....	20 00
2022.	Nov. 21.	Edith M. Olson, sal.....	do.....	25 00
2023.	Nov. 21.	Post Publishing Co., R. B.....	do.....	43 75
2024.	Nov. 21.	Rand, McNally & Co., T. B.....	do.....	9 60
2025.	Nov. 21.	T. M. Risk, misc.....	do.....	11 35
2026.	Nov. 21.	John F. Sims, sta., etc.....	do.....	42 26
2027.	Nov. 21.	John F. Sims, misc.....	do.....	19 98
2028.	Nov. 21.	F. A. Sustins, rep.....	do.....	50 03
2029.	Nov. 21.	Wisconsin Telephone Co., misc.....	do.....	2 50
2030.	Nov. 21.	Pay Rolls, sals.....	Superior	2,928 00
2031.	Nov. 21.	American Book Co., T. B.....	do.....	6 61
2032.	Nov. 21.	American Heating Co., rep.....	do.....	34 29
2033.	Nov. 21.	Lillie Berg, misc.....	do.....	4 00
2034.	Nov. 21.	Chester Carpenter, rep.....	do.....	11 40

List of Vouchers Paid, 1906-1907.

2035.	Nov. 21.	J. F. Chamberlain, sta.....	Superior	3 75
2 31.	Nov. 21.	Stanley Currie, misc.....	do.....	9 80
2037.	Nov. 21.	Gaylord Bros., R. B.....	do.....	21 83
2038.	Nov. 21.	Lake Superior Bag Co., sta.....	do.....	3 00
2039.	Nov. 21.	Lake Superior Bag Co., sta.....	do.....	6 81
2040.	Nov. 21.	Lake Superior Bag Co., sta.....	do.....	25 96
2041.	Nov. 21.	Samuel Lewis, rep.....	do.....	6 25
2042.	Nov. 21.	Library Bureau, R. B.....	do.....	16 90
2043.	Nov. 21.	I. C. McNeill, sta., etc.....	do.....	10 50
2044.	Nov. 21.	Manitowoc Seating Works, furn.....	do.....	27 41
2045.	Nov. 21.	Wm. O'Connor, misc.....	do.....	12 42
2046.	Nov. 21.	Pease Hardware Co., misc.....	do.....	10 45
2047.	Nov. 21.	Peoples' Telephone Co., misc.....	do.....	9 00
2048.	Nov. 21.	R. L. Polk & Co., R. B.....	do.....	6 00
20 9.	Nov. 21.	Margaret Porter, misc.....	do.....	6 20
2050.	Nov. 21.	Albert Rodin, misc.....	do.....	2 85
2051.	Nov. 21.	Otto Schmidt, misc.....	do.....	7 00
2052.	Nov. 21.	Superior Hdw. Co., rep.....	do.....	22 03
2053.	Nov. 21.	Superior W. L. & P. Co., w. r., etc.....	do.....	43 10
2054.	Nov. 21.	Thomas Charles Co., misc.....	do.....	7 00
2055.	Nov. 21.	Thomas Charles Co., rep.....	do.....	3 60
2056.	Nov. 21.	Pay Rolls, sals.....	Whitewater	3,157 50
2057.	Nov. 21.	Atkinson, Menizer & Grover, T. B.....	do.....	15 69
2058.	Nov. 21.	Baker Paper Co., sta.....	do.....	8 00
2059.	Nov. 21.	C. M. Barnes Co., T. B.....	do.....	85 27
2060.	Nov. 21.	The Caxton Co., sta. etc.....	do.....	6 58
2031.	Nov. 21.	Coppins & Smith, rep.....	do.....	3 00
2062.	Nov. 21.	Currie Brothers.....	do.....	5 08
2063.	Nov. 21.	Democrat Printing Co., furn. etc.....	do.....	1 60
2064.	Nov. 21.	F. M. & M. M. Finch, rep.....	do.....	16 22
2065.	Nov. 21.	Houghton, Mifflin & Co., T. B.....	do.....	6 48
2066.	Nov. 21.	J. N. Humphrey, T. B., etc.....	do.....	10 50
2067.	Nov. 21.	Johnson Service Co., rep.....	do.....	33 03
2068.	Nov. 21.	Ed. Joslin, sta. etc.....	do.....	4 24
2069.	Nov. 21.	John Kelley, misc.....	do.....	11 34
2070.	Nov. 21.	Library Bureau, sta.....	do.....	13 75
2071.	Nov. 21.	A. C. McClurg & Co., R. B.....	do.....	43 73
2072.	Nov. 21.	Agnes L. McGuan, sal.....	do.....	15 00
2073.	Nov. 21.	E. R. Nichols & Co., misc.....	do.....	14 76
2074.	Nov. 21.	H. J. O'Connor, sta. etc.....	do.....	10 48
2075.	Nov. 21.	Albert Phillips, misc.....	do.....	5 00
2076.	Nov. 21.	Rand, McNally & Co., T. B.....	do.....	7 20
2077.	Nov. 21.	Wm. Rohlfing & Sons, rep.....	do.....	8 00
2078.	Nov. 21.	R. K. Row & Co., T. B.....	do.....	13 28
2079.	Nov. 21.	Albert Salisbury, sta. etc.....	do.....	29 53
2080.	Nov. 21.	H. C. Smith, furn.....	do.....	25 83
2081.	Nov. 21.	Standard Paper Co., sta.....	do.....	2 38
2082.	Nov. 21.	Jessie M. Taylor, misc.....	do.....	17 05
2083.	Nov. 21.	Geo. W. Wagner, rep., &c.....	do.....	17 35
2084.	Nov. 21.	James F. White & Co., R. B.....	do.....	10 00
2085.	Nov. 21.	Whitewater Electric Light Co. Light.....	do.....	15 15
2086.	Nov. 21.	Whitewater Register, sta.....	do.....	6 25
2087.	Nov. 21.	Wisconsin Telephone Co., misc.....	do.....	3 20
2088.	Nov. 21.	F. S. Hyer, sal. and exps.....	Institute	37 50
2089.	Nov. 21.	F. S. Hyer, sal. and exps.....	do.....	40 33
2090.	Nov. 21.	F. S. Hyer, sal. and exps.....	do.....	38 73
2091.	Nov. 21.	F. S. Hyer, sal. and exps.....	do.....	38 13
2092.	Nov. 21.	F. S. Hyer, sal. and exps.....	do.....	57 27
2093.	Nov. 21.	V. E. McCaskill, sal. and exps.....	do.....	67 47
2094.	Nov. 21.	D. E. McLane, sal. and exps.....	do.....	53 52
2095.	Nov. 21.	W. H. Schutz, sal. and exps.....	do.....	40 00
2096.	Nov. 21.	Geo. C. Shutts, sal. and exps.....	do.....	22 97
2097.	Nov. 21.	May Buchanan, gen. exps.....	Board	60 00
2098.	Nov. 21.	William Kittle, Secy's exp. and sal.....	do.....	160 80
2099.	Dec. 21.	Pay Roll, sals.....	Milwaukee.....	\$4,165 00
2100.	Dec. 21.	M. E. Anderson, A. & C., etc.....	do.....	11 75
2101.	Dec. 21.	Board of Public Works, misc.....	do.....	24 50
2102.	Dec. 21.	Espenhalm Dry Boods Co., misc.....	do.....	14 01
2103.	Dec. 21.	Gimbel Bros., furn., &c.....	do.....	14 26
2104.	Dec. 21.	Ginn & Co., T. B.....	do.....	12 30
2105.	Dec. 21.	Hendee, Bamford, Crandall, ptg., etc.....	do.....	40 25

List of Vouchers Paid, 1906-1907.

2106.	Dec. 21.	Ferdinand Knorr, misc.....	Superior	11 00
2107.	Dec. 21.	W. B. Lewis, misc.....	do.....	46 50
2108.	Dec. 21.	Library Bureau, R. B.....	do.....	22 65
2109.	Dec. 21.	Longman, Green & Co., T. B.....	do.....	9 30
2110.	Dec. 21.	A. C. McClurg & Co., R. B.....	do.....	118 58
2111.	Dec. 21.	Chas. McKenny, sta., etc.....	do.....	19 50
2112.	Dec. 21.	Milwaukee Gas Light Co., light, &c.....	do.....	55 36
2113.	Dec. 21.	Milwaukee Western Fuel Co., fuel.....	do.....	224 79
2114.	Dec. 21.	Stella Nelson, sal.....	do.....	156 75
2115.	Dec. 21.	Susan Peters, misc.....	do.....	4 60
2116.	Dec. 21.	Quinn B. B. & S. G. Co., misc.....	do.....	5 00
2117.	Dec. 21.	Herman Schmidt, sal.....	do.....	46 50
2118.	Dec. 21.	Chas. Scribner's Sons, T. B.....	do.....	5 93
2119.	Dec. 21.	C. H. Sears, misc.....	do.....	2 56
2120.	Dec. 21.	Julius Andrae & Sons Co., rep.....	do.....	2 25
2121.	Dec. 21.	Pay Rolls, sals.....	Oshkosh	4,805 00
2122.	Dec. 21.	American Book Co., T. B.....	do.....	10 15
2123.	Dec. 21.	American Book Co., T. B.....	do.....	84 28
2124.	Dec. 21.	American Express Co., misc.....	do.....	1 45
2125.	Dec. 21.	Art Metal Const. Co., furn.....	do.....	12 50
2126.	Dec. 21.	Atkinson, Mentzer & Grover, misc.....	do.....	92
2127.	Dec. 21.	Battis Brothers, rep.....	do.....	16 06
2128.	Dec. 21.	Castle-Pierce Printing Co., sta.....	do.....	6 00
2129.	Dec. 21.	Cook & Brown Lime Co., fuel, etc.....	do.....	804 14
2130.	Dec. 21.	Elizabeth Crawford, sal.....	do.....	7 80
2131.	Dec. 21.	M. A. Donohue & Co., sta.....	do.....	5 90
2132.	Dec. 21.	Germania Pub. Co., R. B.....	do.....	28 60
2133.	Dec. 21.	Ginn & Co., T. B.....	do.....	24 00
2134.	Dec. 21.	Ginn & Co., T. B.....	do.....	1 32
2135.	Dec. 21.	Globe Printing Co., Ptg., etc.....	do.....	13 65
2136.	Dec. 21.	Grumiaux News & Subs. Co., R. B.....	do.....	178 30
2137.	Dec. 21.	J. L. Hammett Co., misc.....	do.....	1 34
2138.	Dec. 21.	Harper & Bros., R. B.....	do.....	1 66
2139.	Dec. 21.	Harper & Bros., R. B.....	do.....	3 31
2140.	Dec. 21.	The Hicks Printing Co., misc.....	do.....	5 00
2141.	Dec. 21.	Houghton, Mifflin & Co., T. B.....	do.....	24 04
2142.	Dec. 21.	Houghton, Mifflin & Co., T. B.....	do.....	4 50
2143.	Dec. 21.	John M. Hurn, sta.....	do.....	11 15
2144.	Dec. 21.	Johnson Service Co., rep.....	do.....	37 45
2145.	Dec. 21.	Ella B. Jones, sal.....	do.....	10 50
2146.	Dec. 21.	Mrs. Katharine Jones, misc.....	do.....	3 45
2147.	Dec. 21.	Mrs. Katharine Jones, misc.....	do.....	13 56
2148.	Dec. 21.	John Klingman, R. S.....	do.....	10 00
2149.	Dec. 21.	C. P. Lesh Paper Co., sta.....	do.....	8 52
2150.	Dec. 21.	Addie Libert, sal.....	do.....	10 60
2151.	Dec. 21.	Longmans, Green & Co., T. B.....	do.....	24 62
2152.	Dec. 21.	Luther Davies & Co., misc.....	do.....	2 91
2153.	Dec. 21.	A. C. McClurg & Co., R. B.....	do.....	72 43
2154.	Dec. 21.	A. C. McClurg & Co., T. B.....	do.....	7 86
2155.	Dec. 21.	O. McCorison, rep.....	do.....	21 45
2156.	Dec. 21.	Macmillan Co., T. B.....	do.....	48 90
2157.	Dec. 21.	Macmillan Co., T. B.....	do.....	4 83
2158.	Dec. 21.	Macmillan Co., T. B.....	do.....	7 50
2159.	Dec. 21.	Medberry-Findeisen Co., stationery, &c.....	do.....	25 31
2160.	Dec. 21.	Jesse E. Moore, misc.....	do.....	2 50
2161.	Dec. 21.	Oshkosh Gas Light Co., light, &c.....	do.....	22 85
2162.	Dec. 21.	Oshkosh Gas Light Co., light, &c.....	do.....	45 62
2163.	Dec. 21.	Powers Regulator Co., rep.....	do.....	4 20
2164.	Dec. 21.	Rand, McNally & Co., T. B.....	do.....	20 20
2165.	Dec. 21.	Reginald Sanders, sal.....	do.....	4 60
2166.	Dec. 21.	Verner Scott, sal.....	do.....	6 00
2167.	Dec. 21.	Chas. Scribner's Sons, T. B.....	do.....	12 00
2168.	Dec. 21.	Georgie Seefer, sal.....	do.....	20 19
2169.	Dec. 21.	Spencer Lens Co., A. & C.....	do.....	25 95
2170.	Dec. 21.	Joseph E. Steier, sal.....	do.....	35 60
2171.	Dec. 21.	Swasey & Co., misc.....	do.....	20
2172.	Dec. 21.	Ethel F. Tower, sal.....	do.....	4 60
2173.	Dec. 21.	University Society Ins., R. B.....	do.....	15 67
2174.	Dec. 21.	Wisconsin Telephone Co., misc.....	do.....	10 70
2175.	Dec. 21.	Pay roll, sals.....	Platteville	3,075 00
2176.	Dec. 21.	American Book Co., T. B.....	do.....	19 20
2177.	Dec. 21.	Belle Burke, misc.....	do.....	3 20
2178.	Dec. 21.	City of Platteville, bldg.....	do.....	108 65

List of Vouchers Paid, 1906-1907.

2179.	Dec. 21.	Robt. Dugdale, stationery.....	Platteville	10	30
2180.	Dec. 21.	Dwyer Pfg. & Htg. Co., bldg.....	do.....	1,700	00
2181.	Dec. 21.	Edward P. Martin, A. & C.....	do.....	11	70
2182.	Dec. 21.	C. E. Fawcett, sal.....	do.....	2	50
2183.	Dec. 21.	Sam Frankenstein, A. & C.....	do.....	4	38
2184.	Dec. 21.	Galena Iron Works, rep.....	do.....	5	55
2185.	Dec. 21.	C. C. Grindell, A. & C.....	do.....	10	60
2186.	Dec. 21.	C. C. Grindell, furn.....	do.....	17	00
2187.	Dec. 21.	C. C. Grindell, furn.....	do.....	6	50
2188.	Dec. 21.	D. C. Heath & Co., T. B.....	do.....	14	86
2189.	Dec. 21.	John Heidinger, rep.....	do.....	2	90
2190.	Dec. 21.	John Heidinger, misc.....	do.....	8	45
2191.	Dec. 21.	Chas. Howard, misc.....	do.....	14	50
2192.	Dec. 21.	J. O. Hughes & Son, A. & C.....	do.....	24	18
2193.	Dec. 21.	J. W. Livingston, misc.....	do.....	56	52
2194.	Dec. 21.	A. C. McClurg & Co., R. B.....	do.....	5	00
2195.	Dec. 21.	McCreery & Co., misc.....	do.....	6	74
2196.	Dec. 21.	L. A. Murray & Co., misc.....	do.....	9	35
2197.	Dec. 21.	A. H. Nehls & Co., misc.....	do.....	2	50
2198.	Dec. 21.	A. H. Nehls & Co., misc.....	do.....	31	70
2199.	Dec. 21.	A. H. Nehls & Co., R. B.....	do.....	254	48
2200.	Dec. 21.	Platteville Lumber & Fuel Co., fuel.....	do.....	5	00
2201.	Dec. 21.	Rand, McNally & Co., A. & C.....	do.....	2	25
2202.	Dec. 21.	J. M. Rose, A. & C.....	do.....	4	90
2203.	Dec. 21.	Henry Schambow, misc.....	do.....	3	55
2204.	Dec. 21.	Henry Schambow, misc.....	do.....	5	00
2205.	Dec. 21.	John Sullivan, Sr., misc.....	do.....	6	00
2206.	Dec. 21.	H. J. Smiley, rep.....	do.....	40	45
2207.	Dec. 21.	C. H. Stoelting & Co., A. & C.....	do.....	6	55
2208.	Dec. 21.	Ben Webster, stationery.....	do.....	8	11
2208a.	Dec. 21.	O. J. Schuster, misc.....	do.....	4	11
2208b.	Dec. 21.	O. J. Schuster, misc.....	do.....	5,000	00
2330.	Jan. 9.	J. A. Silver, bldg.....	do.....		
2209.	Dec. 21.	Pay roll, sals.....	River Falls	2,700	00
2210.	Dec. 21.	American Book Co., T. B.....	do.....	2	12
2211.	Dec. 21.	American Book Co., T. B.....	do.....	5	58
2212.	Dec. 21.	F. L. Baker, A. & C., &c.....	do.....	12	53
2213.	Dec. 21.	August Beorn, rep.....	do.....	4	85
2214.	Dec. 21.	Central Scientific Co., A. & C.....	do.....	4	00
2215.	Dec. 21.	City of River Falls, light, &c.....	do.....	158	52
2216.	Dec. 21.	Wm. Gaertner, A. & C.....	do.....	24	75
2217.	Dec. 21.	C. C. Glass, stationery, &c.....	do.....	27	70
2218.	Dec. 21.	D. C. Heath & Co., T. B.....	do.....	17	39
2219.	Dec. 21.	Houghton, Mifflin & Co., T. B.....	do.....	4	22
2220.	Dec. 21.	Daisy Howell, misc.....	do.....	1	50
2221.	Dec. 21.	A. C. McClurg & Co., R. B.....	do.....	11	37
2222.	Dec. 21.	Helen D. Pratt, sal.....	do.....	7	50
2223.	Dec. 21.	Grace Thayer, sal.....	do.....	13	00
2224.	Dec. 21.	Raymond Thayer, sal.....	do.....	19	50
2225.	Dec. 21.	Silver, Burdett & Co., T. B.....	do.....	19	00
2226.	Dec. 21.	A. G. Spalding & Bros., misc.....	do.....	6	55
2227.	Dec. 21.	C. F. Spooner, rep.....	do.....	10	00
2228.	Dec. 21.	C. H. Stoelting Co., A. & C.....	do.....	34	90
2229.	Dec. 21.	H. E. Wedelstaedt, misc.....	do.....	3	00
2230.	Dec. 21.	Pay roll, sals.....	Stevens Point	3,264	00
2231.	Dec. 21.	Allyn & Bacon, T. B.....	do.....	3	58
2232.	Dec. 21.	Atkinson, Mentzer & Grover, T. B.....	do.....	29	63
2233.	Dec. 21.	Castle-Pierce Printing Co., ptg.....	do.....	35	55
2234.	Dec. 21.	E. M. Capps & Co., fuel.....	do.....	212	63
2235.	Dec. 21.	Mrs. J. W. Dake, misc.....	do.....	1	40
2236.	Dec. 21.	Diamond Ink Co., stationery.....	do.....	3	85
2237.	Dec. 21.	Educational Publishing Co., T. B.....	do.....	2	70
2238.	Dec. 21.	Ginn & Co., T. B.....	do.....	31	40
2239.	Dec. 21.	A. B. Green, misc.....	do.....	6	19
2240.	Dec. 21.	Johnson Service Co., rep.....	do.....	3	10
2241.	Dec. 21.	Fred Kaempfer, A. & C.....	do.....	4	35
2242.	Dec. 21.	J. H. McCormick, misc.....	do.....	13	10
2243.	Dec. 21.	H. D. McCulloch Co., stationery, &c.....	do.....	4	63
2244.	Dec. 21.	B. V. Martin, furn.....	do.....	3	75
2245.	Dec. 21.	Josephine Miaski, misc.....	do.....	3	13
2246.	Dec. 21.	Murray & Lemma, misc.....	do.....	14	42
2247.	Dec. 21.	H. Niedecken Co., stationery.....	do.....	13	25
2248.	Dec. 21.	Prang Educational Co., T. B.....	do.....	19	24

List of Vouchers Paid, 1906-1907.

2249.	Dec. 21.	J. F. Riggs Publishing Co., stationery Stevens Point	9 60
2250.	Dec. 21.	Benj. H. Sanborn & Co., T. B.	15 12
2251.	Dec. 21.	Scott, Foresman & Co., T. B.	10 30
2252.	Dec. 21.	Charles Scribner's Sons, T. B.	16 00
2253.	Dec. 21.	Silver, Burdett & Co., T. B.	10 90
2254.	Dec. 21.	John F. Sims, misc.	14 42
2255.	Dec. 21.	Jas. B. Sullivan & Co., rep.	7 30
2256.	Dec. 21.	A. G. Spauling & Bro., misc.	5 35
2257.	Dec. 21.	Sevens Point Water Co., w. r.	100 00
2258.	Dec. 21.	Thomas Charles Co., misc.	21 71
2259.	Dec. 21.	Wisconsin Telephone Co., misc.	2 50
2260.	Dec. 21.	Pay roll, sals. Superior	2,924 00
2261.	Dec. 21.	American Book Co., T. B.	24 34
2262.	Dec. 21.	A. H. Andrews Co., rep.	2 00
2263.	Dec. 21.	Mabel Arneson, sal.	20 00
2264.	Dec. 21.	Mabel Arneson, misc.	5 00
2265.	Dec. 21.	Bausch & Lomb Opt. Co., A. & C.	4 00
2266.	Dec. 21.	Lillie Berg, misc.	4 00
2267.	Dec. 21.	E. C. Berryman, misc.	20 00
2268.	Dec. 21.	H. J. Cameron, A. & C.	6 03
2269.	Dec. 21.	Chamerlain & Taylor, stationery.	8 91
2270.	Dec. 21.	Stanley Currie, misc.	7 08
2271.	Dec. 21.	Dixon & Lowry, rep.	18 55
2272.	Dec. 21.	Dunn-Whipple Co., stationery.	3 25
2273.	Dec. 21.	Lake Nebegamain Ice Co., misc.	1 05
2274.	Dec. 21.	Lake Superior Bag Co., stationery	4 64
2275.	Dec. 21.	Lake Superior Bag Co., misc.	3 50
2276.	Dec. 21.	Lake Superior Bag Co., stationery	6 05
2277.	Dec. 21.	Lake Superior Bag Co., stationery	5 39
2278.	Dec. 21.	A. C. McClurg & Co., R. B.	81 87
2279.	Dec. 21.	A. C. McClurg & Co., R. B.	100 61
2280.	Dec. 21.	McMullen Bros., misc.	2 55
2281.	Dec. 21.	McMullen Bros., T. B., &c.	7 13
2282.	Dec. 21.	I. C. McNeill, stationery, &c.	10 91
2283.	Dec. 21.	Catharine Moylan, sal.	22 00
2284.	Dec. 21.	Catharine Moylan, misc.	2 98
2285.	Dec. 21.	N. W. Machine Works, rep.	13 72
2286.	Dec. 21.	Newson & Co., T. B.	7 48
2287.	Dec. 21.	Mat. Nyquist, A. & C.	75 60
2288.	Dec. 21.	Mat Nyquist, A. & C.	28 00
2289.	Dec. 21.	Wm. O'Connor, misc.	9 91
2290.	Dec. 21.	L. O. Sullivan, misc.	2 00
2291.	Dec. 21.	Albert Rodin, misc.	2 05
2292.	Dec. 21.	Russell Creamery Co., misc.	12 30
2293.	Dec. 21.	St. Paul & Western Coal Co., fuel.	500 20
2294.	Dec. 21.	Otto Schmidt, misc.	7 87
2295.	Dec. 21.	Irwin Shepard, Secy., R. B.	2 00
2296.	Dec. 21.	Superior W. L. & P. Co., w. r., &c.	68 70
2297.	Dec. 21.	Julia Van Kirk, misc.	1 05
2298.	Dec. 21.	W. C. White, misc.	3 80
2299.	Dec. 21.	Pay roll, sals. Whitewater	3,167 00
2300.	Dec. 21.	Henry Baade, misc.	8 67
2301.	Dec. 21.	Ginn & Co., T. B.	2 55
2302.	Dec. 21.	The Goodsell Packing Co., misc.	7 50
2303.	Dec. 21.	Kenyon News & P. S. Co., R. B.	46 75
2304.	Dec. 21.	D. O. Kinsman, R. B.	4 00
2305.	Dec. 21.	A. C. McClurg & Co., R. B., &c.	41 80
2306.	Dec. 21.	The Macmillan Co., R. B., &c.	19 72
2307.	Dec. 21.	Leo F. Millard, rep.	6 00
2308.	Dec. 21.	G. W. Noel, rep.	22 00
2309.	Dec. 21.	Northern Paper Mills, misc.	11 76
2310.	Dec. 21.	O. Smothers, rep.	16 24
2311.	Dec. 21.	F. W. Tratt, rep.	33 00
2312.	Dec. 21.	Phil E. Trautmann, rep.	12 55
2313.	Dec. 21.	Geo. W. Wagner, sal.	10 00
2314.	Dec. 21.	Whitewater Electric Light Co., light.	19 35
2315.	Dec. 21.	Whitewater Machine Co., rep.	35 07
2316.	Dec. 21.	Wisconsin Telephone Co., misc.	3 45
2317.	Dec. 21.	W. C. Hewitt, exps. Institute	4 57
2318.	Dec. 21.	F. S. Hyer, sal. and exps.	83 23
2319.	Dec. 21.	Frank M. Jack, sal. and exps.	51 33
2320.	Dec. 21.	Frank M. Jack, exps.	23 60

List of Vouchers Paid, 1906-1907.

2321.	Dec. 21.	C. E. Patzer, sal. and exps.....	Institute	23 28
2322.	Dec. 21.	F. K. Sechrist, sal. and exps.....	do.....	17 75
2323.	Dec. 21.	George C. Shutts, sal. and exps.....	do.....	52 45
2324.	Dec. 21.	A. W. Trettien, sal. and exps.....	do.....	21 00
2325.	Dec. 21.	W. J. Betts, gen. exps.....	Board	12 85
2326.	Dec. 21.	May Buchanan, gen. exps.....	do.....	60 00
2327.	Dec. 21.	Chic. Mil. & St. P. R. R. Co., gen. exps.....	do.....	240 00
2328.	Dec. 21.	William Kittle, Secy's sal.....	do.....	150 00
2329.	Dec. 21.	William Kittle, gen. exps.....	do.....	121 27
2332.	Jan. 25.	Pay roll, sals.....	Milwaukee	4,154 00
2333.	Jan. 25.	Bausch & Lomb Optical Co., A. & C.....	do.....	21 99
2334.	Jan. 25.	Bausch & Lomb Optical Co., A. & C.....	do.....	31 05
2335.	Jan. 25.	Allyn & Bacon, T. B.....	do.....	1 12
2336.	Jan. 25.	Mrs. Evangeline Chapman, misc.....	do.....	4 52
2337.	Jan. 25.	Gas Consumers Ass'n, light.....	do.....	3 00
2338.	Jan. 25.	Hendee-Bamford-Crandall Co., sta., &c.....	do.....	19 75
2339.	Jan. 25.	B. Hoffman Mfg Co., misc.....	do.....	2 73
2340.	Jan. 25.	B. K. Korik, rep.....	do.....	5 00
2341.	Jan. 25.	Milwaukee Gas Light Co., light, &c.....	do.....	63 63
2342.	Jan. 25.	Milwaukee Gas Light Co., light, &c.....	do.....	44 08
2343.	Jan. 25.	Chas. McKenny, misc.....	do.....	19 73
2344.	Jan. 25.	A. C. McClurg & Co., R. B., &c.....	do.....	314 50
2345.	Jan. 25.	Milwaukee Water Works Co., W. R.....	do.....	56 73
2346.	Jan. 25.	Milwaukee Western Fuel Co., fuel.....	do.....	261 87
2347.	Jan. 25.	I. N. Mitchell, misc.....	do.....	20 36
2348.	Jan. 25.	Anna C. Nerman, A. & C., &c.....	do.....	15 52
2349.	Jan. 25.	Orville Brewer Pub. Co., T. B.....	do.....	9 60
2350.	Jan. 25.	O. L. Packard Machinery Co., misc.....	do.....	2 50
2351.	Jan. 25.	Philip Gross Hdw. Co., misc.....	do.....	13 48
2352.	Jan. 25.	Philip Gross Hdw. Co., misc.....	do.....	6 60
2353.	Jan. 25.	Rand, McNally & Co., T. B.....	do.....	8 00
2354.	Jan. 25.	Remington Typewriter Co., misc.....	do.....	2 52
2355.	Jan. 25.	Herman Schmidt, sal.....	do.....	46 50
2356.	Jan. 25.	Standard Paper Co., stationery.....	do.....	22 91
2357.	Jan. 25.	George Shrosbee, A. & C.....	do.....	11 75
2358.	Jan. 25.	Otto A. Thiele, A. & C.....	do.....	6 95
2359.	Jan. 25.	F. L. Vogel's Sons, furn.....	do.....	5 75
2360.	Jan. 25.	H. H. West Co., stationery, &c.....	do.....	8 60
2361.	Jan. 25.	Wisconsin Electrical Const. Co., rep.....	do.....	33 50
2362.	Jan. 25.	Wisconsin Electrical Const. Co., rep.....	do.....	16 30
2363.	Jan. 25.	Wisconsin Telephone Co., misc.....	do.....	18 00
2364.	Jan. 25.	Pay roll, sals.....	Oshkosh	4,805 00
2365.	Jan. 25.	American Book Co., T. B.....	do.....	2 56
2366.	Jan. 25.	American Express Co., misc.....	do.....	3 67
2367.	Jan. 25.	L. Baldauf, rep.....	do.....	6 05
2368.	Jan. 25.	Battis Brothers, rep.....	do.....	24 02
2369.	Jan. 25.	Castle-Pierce Ptg. Co., stationery.....	do.....	47 70
2370.	Jan. 25.	Church Brothers, misc.....	do.....	1 50
2371.	Jan. 25.	Cook & Brown Lime Co., fuel.....	do.....	467 45
2372.	Jan. 25.	Elizabeth Crawford, sal.....	do.....	6 00
2373.	Jan. 25.	Educational Pub. Co., T. B.....	do.....	4 10
2374.	Jan. 25.	A. Flanagan Co., T. B.....	do.....	9 00
2375.	Jan. 25.	R. H. Halsey, misc.....	do.....	7 73
2376.	Jan. 25.	D. C. Heath & Co., T. B.....	do.....	1 12
2377.	Jan. 25.	D. C. Heath & Co., T. B.....	do.....	5 60
2378.	Jan. 25.	D. C. Heath & Co., T. B.....	do.....	3 34
2379.	Jan. 25.	Mrs. Katherine Jones, sal.....	do.....	30 00
2380.	Jan. 25.	Ella B. Jones, sal.....	do.....	11 40
2381.	Jan. 21.	Addie Libert, sal.....	do.....	8 50
2382.	Jan. 25.	A. C. McClurg & Co., R. B.....	do.....	42 45
2383.	Jan. 25.	A. C. McClurg & Co., R. B.....	do.....	54 18
2384.	Jan. 25.	Macmillan Co., T. B.....	do.....	4 95
2385.	Jan. 25.	Medberry-Findeisen Co., misc.....	do.....	9 00
2386.	Jan. 25.	Meter Electrical Const. Co., rep.....	do.....	30 98
2387.	Jan. 25.	Meter Electrical Const. Co., rep.....	do.....	16 50
2388.	Jan. 25.	Anthon F. Miller, rep.....	do.....	49 54
2389.	Jan. 25.	Jesse E. Moore, misc.....	do.....	6 25
2390.	Jan. 25.	Oshkosh Gas Light Co., light, &c.....	do.....	42 78
2391.	Jan. 25.	Oshkosh Gas Light Co., light, &c.....	do.....	27 00
2392.	Jan. 25.	Oshkosh Water Works Co., misc.....	do.....	154 43
2393.	Jan. 25.	Paine Lumber Co., rep.....	do.....	37 41
2394.	Jan. 25.	Ralph M. Burtis Co., rep.....	do.....	40 12

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2395.	Jan. 25.	Ralph M. Burtis Co., misc.....	Oshkosh	68 90
2396.	Jan. 25.	Ralph M. Burtis Co., rep., &c.....	do.....	51 53
2397.	Jan. 25.	Ralph M. Burtis Co., misc.....	do.....	21 12
2398.	Jan. 25.	Rand, McNally & Co., T. B.....	do.....	10 55
2399.	Jan. 25.	Reginald Sanders, sal.....	do.....	3 00
2400.	Jan. 25.	Benj. H. Sanborn & Co., T. B.....	do.....	8 06
2401.	Jan. 25.	Verner Scott, sal.....	do.....	4 50
2402.	Jan. 25.	Marie Sherburne, stationery, &c.....	do.....	68 70
2403.	Jan. 25.	Silver, Burdett & Co., T. B.....	do.....	6 70
2404.	Jan. 25.	Ethel F. Tower, sal.....	do.....	3 00
2405.	Jan. 25.	James T. White & Co., R. B.....	do.....	8 00
2406.	Jan. 25.	Wisconsin Telephone Co., misc.....	do.....	60
2407.	Jan. 25.	Pay roll, sals.....	Platteville	3,055 90
2408.	Jan. 25.	Nathan Ashby, misc.....	do.....	13 00
2409.	Jan. 25.	A. H. Andrews Co., furn.....	do.....	62 50
2410.	Jan. 25.	Mrs. H. F. Austin, sal.....	do.....	4 50
2411.	Jan. 25.	Bausch & Lomb Optical Co., misc.....	do.....	7 50
2412.	Jan. 25.	Beard Art Gallery, misc.....	do.....	11 50
2413.	Jan. 25.	Beard Art Gallery, R. B.....	do.....	30 95
2414.	Jan. 25.	W. H. Beebe, misc.....	do.....	9 00
2415.	Jan. 25.	Belle Burke, misc.....	do.....	1 75
2416.	Jan. 25.	H. G. Chase & Co., misc.....	do.....	8 68
2417.	Jan. 25.	City of Platteville, bldg.....	do.....	176 22
2418.	Jan. 25.	City of Platteville, W. R.....	do.....	89 05
2419.	Jan. 25.	B. J. Davey, rep.....	do.....	4 25
2420.	Jan. 25.	Mrs. W. H. Dudley, A. & C.....	do.....	15 00
2421.	Jan. 25.	Robert Dugdale, stationery.....	do.....	7 40
2422.	Jan. 25.	Eastman Lumber Co., misc.....	do.....	4 50
2423.	Jan. 25.	Eastman Lumber Co., misc.....	do.....	3 50
2424.	Jan. 25.	Eastman Lumber Co., misc.....	do.....	16 10
2425.	Jan. 25.	Eastman Lumber Co., misc.....	do.....	18 55
2426.	Jan. 25.	Edward C. Elliott, misc.....	do.....	11 00
2427.	Jan. 25.	Gilmore & Smith, R. B.....	do.....	5 00
2428.	Jan. 25.	Gilmore & Smith, stationery.....	do.....	10 38
2429.	Jan. 25.	Gilmore & Smith, A. & C.....	do.....	3 55
2430.	Jan. 25.	Ginn & Co., T. B.....	do.....	10 64
2431.	Jan. 25.	C. H. Gribble, stationery, &c.....	do.....	24 85
2432.	Jan. 25.	C. C. Grindell, furn.....	do.....	38 50
2433.	Jan. 25.	Mrs. Mary Haines, misc.....	do.....	1 50
2434.	Jan. 25.	Mrs. Lena Henry, misc.....	do.....	8 00
2435.	Jan. 25.	C. Hoostman, misc.....	do.....	2 20
2436.	Jan. 25.	Mrs. Lucy Ivens, sal.....	do.....	10 50
2437.	Jan. 25.	A. C. McClurg & Co., T. B.....	do.....	5 13
2438.	Jan. 25.	A. C. McClurg & Co., R. B.....	do.....	37 03
2439.	Jan. 25.	Alberta McKenna, sal.....	do.....	9 00
2440.	Jan. 25.	Macy Co., furn.....	do.....	13 27
2441.	Jan. 25.	Helen Moore, sal.....	do.....	2 00
2442.	Jan. 25.	A. H. Nehls & Co., misc.....	do.....	1 50
2443.	Jan. 25.	A. H. Nehls & Co., stationery, &c.....	do.....	20 68
2444.	Jan. 25.	A. H. Nehls & Co., misc.....	do.....	6 15
2445.	Jan. 25.	B. B. Newell, rep.....	do.....	10 00
2447.	Jan. 25.	Normal Exponent, misc.....	do.....	12 00
2448.	Jan. 25.	Northern Paper Mills, misc.....	do.....	11 76
2449.	Jan. 25.	Platteville Lumber & Fuel Co., fuel.....	do.....	411 83
2450.	Jan. 25.	Platteville Rewey Tel. Co., misc.....	do.....	5 00
2451.	Jan. 25.	H. J. Smiley, rep.....	do.....	27 20
2452.	Jan. 25.	J. M. Smith, misc.....	do.....	4 65
2453.	Jan. 25.	W. B. Smith, A. & C.....	do.....	2 95
2454.	Jan. 25.	Smith Premier Typewriter Co., stationery.....	do.....	1 00
2455.	Jan. 25.	L. Vanderbie, rep.....	do.....	1 00
2456.	Jan. 25.	H. J. Youmans, misc.....	do.....	11 95
2456a.	Jan. 25.	Dwyer Plg. & Htg. Co., bldg.....	do.....	1,608 93
2456b.	Jan. 25.	Dwyer Plg. & Htg. Co., bldg.....	do.....	1,445 00
2456c.	Jan. 25.	John W. Rose, Bldg.....	do.....	350 00
2456d.	Jan. 25.	J. A. Silver, bldg.....	do.....	4,019 58
2456e.	Jan. 25.	Smiley & Marshall, bldg.....	do.....	347 44
2457.	Jan. 25.	Pay roll, sals.....	River Falls	2,606 60
2458.	Jan. 25.	F. L. Baker, R. B., &c.....	do.....	4 35
2459.	Jan. 25.	City of River Falls, rep.....	do.....	9 67
2460.	Jan. 25.	City of River Falls, W. R., &c.....	do.....	96 36
2461.	Jan. 25.	Columbia T. W. Mfg. Co., misc.....	do.....	3 65
2462.	Jan. 25.	A. B. Dick & Co., stationery.....	do.....	21 76
2463.	Jan. 25.	Geo. J. Dodge & Son, misc.....	do.....	3 63

List of Vouchers Paid, 1906-1907.

2464.	Jan. 25.	Dunn Brothers, misc.....	River Falls	4 38.
2465.	Jan. 25.	R. S. Freeman & Son, rep., &c.....	do.	26 93.
2466.	Jan. 25.	Robert Hannah, fuel.....	do.	122 50.
2467.	Jan. 25.	D. C. Heath & Co., T. B.....	do.	3 29.
2463.	Jan. 25.	Mrs. Wm. Hodge, misc.....	do.	28 09.
2469.	Jan. 25.	Joseph O. Jensen, rep., &c.....	do.	11 95.
2470.	Jan. 25.	R. N. Jensen, misc.....	do.	3 10.
2471.	Jan. 25.	John Leslie Paper Co., stationery, &c.....	do.	39 63.
2472.	Jan. 25.	Curtis Johnson, misc.....	do.	3 25.
2473.	Jan. 25.	J. H. Johnson, misc.....	do.	2 25.
2474.	Jan. 25.	John Klingman, stationery.....	do.	1 65.
2475.	Jan. 25.	E. E. & H. L. Levings, stationery, &c.....	do.	1 70.
2476.	Jan. 25.	Library Bureau, rep.....	do.	1 20.
2477.	Jan. 25.	A. W. Lund, rep., &c.....	do.	12 50.
2478.	Jan. 25.	A. C. McClurg & Co., R. B.....	do.	58 30.
2479.	Jan. 25.	McIntosh Stereoptican Co., A. & C.....	do.	6 76.
2480.	Jan. 25.	Henry Malkan, R. B.....	do.	65 00.
2481.	Jan. 25.	G. R. Morse, stationery, &c.....	do.	14 95.
2482.	Jan. 25.	Norseng Bros, misc.....	do.	16 88.
2483.	Jan. 25.	Northwestern Electric Co., furn., &c.....	do.	11 11.
2484.	Jan. 25.	Oliver Ditson Co., T. B.....	do.	1 51.
2485.	Jan. 25.	O. H. Ostness, rep.....	do.	10 00.
2486.	Jan. 25.	S. C. Shepard, rep.....	do.	3 70.
2487.	Jan. 25.	G. J. Skutt, rep.....	do.	27 50.
2488.	Jan. 25.	St. Paul Book & Sta. Co., R. B.....	do.	31 57.
2489.	Jan. 25.	James V. Stevens, furn.....	do.	8 50.
2490.	Jan. 25.	Stewart & Grimms, misc.....	do.	1 11.
2491.	Jan. 25.	F. W. Sturtevant & Co., furn., &c.....	do.	37 74.
2492.	Jan. 25.	Subscription News Co., R. B.....	do.	124 85.
2493.	Jan. 25.	Waldorf Bindery Co., R. B.....	do.	13 55.
2494.	Jan. 25.	C. F. Winter, rep., &c.....	do.	16.15
2495.	Jan. 25.	Pay roll, sals.....	Stevens Point	3,237 50
2496.	Jan. 25.	Bausch & Lomb Optical Co., A. & C.....	do.	17 92
2497.	Jan. 25.	Boston Furn. Co., furn.....	do.	27 00
2498.	Jan. 25.	Central Scientific Co., A. & C.....	do.	14 75
2499.	Jan. 25.	Genevieve Clifford, misc.....	do.	8 25.
2500.	Jan. 25.	E. M. Copps & Co., fuel.....	do.	284 43
2501.	Jan. 25.	E. M. Copps & Co., fuel.....	do.	246 31
2502.	Jan. 25.	H. B. Dodge & Co., rep.....	do.	3 75.
2503.	Jan. 25.	Daniel Dunn, R. B.....	do.	1 50.
2504.	Jan. 25.	rench, Campbell & Co., R. B.....	do.	99 09
2505.	Jan. 25.	French, Campbell & Co., R. B.....	do.	21 50.
2506.	Jan. 25.	Gross & Jacobs, misc.....	do.	8 25.
2507.	Jan. 25.	Claudina Halvorson, misc.....	do.	3 82.
2508.	Jan. 25.	D. C. Heath & Co., T. B.....	do.	34 80.
2509.	Jan. 25.	Houghton, Mifflin & Co., T. B.....	do.	34 80.
2510.	Jan. 25.	Houghton, Mifflin & Co., T. B.....	do.	2 18.
2511.	Jan. 25.	John Rice Foundry & Machine Wks., rep.....	do.	25 00.
2512.	Jan. 25.	Keystone View Co., A. & C.....	do.	9 25.
2513.	Jan. 25.	James M. Lammy, rep.....	do.	48 25.
2514.	Jan. 25.	Library Bureau, furn., &c.....	do.	1 25.
2515.	Jan. 25.	A. C. McClurg & Co., misc.....	do.	3 20.
2516.	Jan. 25.	J. H. McCormick, misc.....	do.	8 41.
2517.	Jan. 25.	H. D. McCulloch Co., stationery, &c.....	do.	4 10.
2518.	Jan. 25.	Hal. R. Martin, misc.....	do.	2 50.
2519.	Jan. 25.	Josephine Miaski, rep.....	do.	5 00.
2520.	Jan. 25.	Ada H. Moen, misc.....	do.	15 66.
2521.	Jan. 25.	F. H. Murray, misc.....	do.	4 02.
2522.	Jan. 25.	Perry Picture Co., furn.....	do.	7 05.
2523.	Jan. 25.	Reading & Newman, stationery, &c.....	do.	3 00.
2524.	Jan. 25.	Reton Bros., rep.....	do.	5 06.
2525.	Jan. 25.	F. E. Rosenow, misc.....	do.	37 50.
2526.	Jan. 25.	Elizabeth F. Simpson, sal.....	do.	2 50.
2527.	Jan. 25.	Agnes Sprade, misc.....	do.	19 00.
2528.	Jan. 25.	J. F. Stuart, rep.....	do.	2 40.
2529.	Jan. 25.	Jas. B. Sullivan & Co., light.....	do.	1 62.
2530.	Jan. 25.	Thomas Charles Co., misc.....	do.	9 80.
2531.	Jan. 25.	Vetter Mfg. Co., rep.....	do.	2 50.
2532.	Jan. 25.	Wisconsin Telephone Co., misc.....	do.	
2533.	Jan. 25.	Pay roll, sals.....	Superior	2,710 00
2534.	Jan. 25.	Martin Andeen, sal.....	do.	23 16.
2535.	Jan. 25.	Mabel Arneson, sal.....	do.	30 00.
2536.	Jan. 25.	Lillie Berg, misc.....	do.	4 00.

List of Vouchers Paid, 1906-1907.

2537.	Jan. 25.	Broadway Laundry Co., misc.....	Superior	6 68
2538.	Jan. 25.	Laurence Carver, sal.....	do.....	25 92
2539.	Jan. 25.	H. Donley, rep.....	do.....	22 00
2540.	Jan. 25.	Henry Holt & Co., T. B.....	do.....	25 92
2541.	Jan. 25.	Johnson Service Co., rep.....	do.....	1 03
2542.	Jan. 25.	Johnson Service Co., rep.....	do.....	74
2543.	Jan. 25.	Joos & Asmundsen, rep.....	do.....	1 75
2544.	Jan. 25.	Selma Konig, misc.....	do.....	8 75
2545.	Jan. 25.	Lake Sup. Bag Co., stationery.....	do.....	35
2546.	Jan. 25.	Lake Sup. Bag Co., stationery.....	do.....	3 18
2547.	Jan. 25.	Lake Sup. Bag Co., stationery.....	do.....	3 00
2548.	Jan. 25.	Leader Clarion, stationery.....	do.....	10 00
2549.	Jan. 25.	I. C. McNeill, stationery, &c.....	do.....	13 06
2550.	Jan. 25.	I. C. McNeill, misc.....	do.....	26 30
2551.	Jan. 25.	R. C. Mast, R. B.....	do.....	8 65
2552.	Jan. 25.	M. May Furniture Co., furn.....	do.....	9 00
2553.	Jan. 25.	A. Metzger, misc.....	do.....	2 80
2554.	Jan. 25.	C. W. Monty, misc.....	do.....	11 23
2555.	Jan. 25.	Wm. O'Connor, misc.....	do.....	21 57
2556.	Jan. 25.	People's Telephone Co., misc.....	do.....	9 00
2557.	Jan. 25.	Margaret Porter, misc.....	do.....	14 20
2558.	Jan. 25.	Roth Bros., misc.....	do.....	25 76
2559.	Jan. 25.	Russell Creamery Co., misc.....	do.....	7 13
2560.	Jan. 25.	Otto Schmidt, misc.....	do.....	3 50
2561.	Jan. 25.	Superior W. L. & P. Co., light, &c.....	do.....	55 36
2562.	Jan. 25.	J. L. White Furnace Co., rep.....	do.....	15 00
2563.	Jan. 25.	W. C. White, misc.....	do.....	12 08
2564.	Jan. 25.	Pay roll, sals.....	Whitewater	3,193 00
2565.	Jan. 25.	C. M. Barnes Co., T. B.....	do.....	16 00
2566.	Jan. 25.	Henry Bayer, rep.....	do.....	3 75
2567.	Jan. 25.	F. R. Bloodgood, stationery.....	do.....	3 00
2568.	Jan. 25.	G. J. Bonnett, misc.....	do.....	18 30
2569.	Jan. 25.	J. M. Bostwick & Sons, furn.....	do.....	10 00
2570.	Jan. 25.	L. L. Clarke, sal.....	do.....	120 00
2571.	Jan. 25.	Edna Cox, sal.....	do.....	7 70
2572.	Jan. 25.	J. S. Hemenway & Co., A. & C.....	do.....	26 80
2573.	Jan. 25.	Howard Chemical Co., misc.....	do.....	3 00
2574.	Jan. 25.	Ed. Joslin, furn., &c.....	do.....	7 34
2575.	Jan. 25.	Longmans, Green & Co., T. B.....	do.....	32 87
2576.	Jan. 25.	The McKinley Pub. Co., T. B.....	do.....	5 39
2577.	Jan. 25.	H. J. O'Connor, stationery, &c.....	do.....	19 13
2578.	Jan. 25.	Albert Phillips, misc.....	do.....	5 00
2579.	Jan. 25.	Riddiford Bros., misc.....	do.....	7 00
2580.	Jan. 25.	C. W. Rockwell, furn.....	do.....	2 30
2581.	Jan. 25.	Albert Salisburv, stationery, &c.....	do.....	15 03
2582.	Jan. 25.	W. H. Salisburv & Co., furn.....	do.....	12 06
2583.	Jan. 25.	Spooner Brothers, misc.....	do.....	17 80
2584.	Jan. 25.	Jessie M. Taylor, sal.....	do.....	20 00
2585.	Jan. 25.	A. A. Upham, A. & C.....	do.....	3 20
2586.	Jan. 25.	Geo. W. Wagner, sal.....	do.....	10 00
2587.	Jan. 25.	Gust Wegner, fuel.....	do.....	562 50
2588.	Jan. 25.	Whitewater Electric Light Co., light.....	do.....	23 55
2589.	Jan. 25.	Whitewater Water Works Co., W. R.....	do.....	100 00
2590.	Jan. 25.	Wisconsin Dairy Supply Co., rep., &c.....	do.....	11 40
2591.	Jan. 25.	Wisconsin Telephone Co., misc.....	do.....	2 50
2592.	Jan. 25.	W. H. Cheever, sal.....	Institute	11 00
2593.	Jan. 25.	O. J. Schuster, sal. and exps.....	do.....	23 39
2594.	Jan. 25.	May Buchanan, gen. exps.....	Board	60 00
2595.	Jan. 25.	William Kittle, Secy's sal. and exps.....	do.....	221 37
2596.	Jan. 25.	Chicago, Mil. & St. P. R. Co., gen. exps.....	do.....	100 00
2597.	Jan. 25.	Register of Deeds La Crosse Co., gen. exps.....	do.....	4 50
2598.	Feb. 5.	Maud Burdick, misc.....	Milwaukee	2 10
2599.	Feb. 5.	Clement, Williams & Co., furn.....	do.....	11 00
2600.	Feb. 5.	Milwaukee Gas Light Co., light.....	do.....	28 14
2601.	Feb. 5.	Yahr & Lange Drug Co., misc.....	do.....	25 78
2602.	Feb. 5.	Bausch & Lomb Optical Co., A. & C.....	Oshkosh	150 00
2603.	Feb. 5.	Charles M. Decker, rep.....	do.....	14 55

List of Vouchers Paid, 1906-1907.

2604.	Feb. 5.	Joseph Dillon, rep.....	Platteville	2 65
2605.	Feb. 5.	J. E. Fawcett, misc.....	do.....	5 65
2606.	Feb. 5.	J. E. Fawcett, A. & C.....	do.....	12 90
2607.	Feb. 5.	Gilmore & Smith, misc.....	do.....	14 90
2608.	Feb. 5.	Ginn & Co., T. B.....	do.....	29 12
2609.	Feb. 5.	C. Hennecke Co., misc.....	do.....	5 60
2610.	Feb. 5.	Mrs. Lena Henry, sal.....	do.....	25 00
2611.	Feb. 5.	Johnson Service Co., rep.....	do.....	6 47
2612.	Feb. 5.	J. W. Livingston, misc.....	do.....	6 25
2613.	Feb. 5.	A. H. Nehls & Co., misc.....	do.....	13 40
2614.	Feb. 5.	A. H. Nehls & Co., misc.....	do.....	1 00
2615.	Feb. 5.	A. H. Nehls & Co., A. & C.....	do.....	1 25
2616.	Feb. 5.	E. R. Newenfeldt, misc.....	do.....	12 20
2617.	Feb. 5.	Platteville Electric Light & P. Co., light.....	do.....	134 76
2618.	Feb. 5.	Benj. H. Sanborn & Co., T. B.....	do.....	20 85
2619.	Feb. 5.	Henry Schambow, misc.....	do.....	2 50
2620.	Feb. 5.	J. M. Smith, misc.....	do.....	7 64
2621.	Feb. 5.	Fred 'Snowden, misc.....	do.....	10 85
2622.	Feb. 5.	Allard, Stewart & Co., misc.....	River Falls	4 00
2623.	Feb. 5.	Allard, Stewart & Co., misc.....	do.....	21 92
2624.	Feb. 5.	The Atlas School Supply Co., furn.....	do.....	9 00
2625.	Feb. 5.	Edna Comstock, sal.....	do.....	15 00
2626.	Feb. 5.	C. C. Glass, stationery.....	do.....	43 50
2627.	Feb. 5.	Robert Hannah, fuel.....	do.....	110 90
2628.	Feb. 5.	Mrs. Wm. Hodge, sal.....	do.....	3 08
2629.	Feb. 5.	The Kny-Scheerer Co., A. & C., &c.....	do.....	8 65
2630.	Feb. 5.	A. W. Lund, misc., &c.....	do.....	9 85
2631.	Feb. 5.	O. W. Newcomb & Co., furn.....	do.....	12 00
2632.	Feb. 5.	O. W. Newcomb & Co., furn., &c.....	do.....	15 75
2633.	Feb. 5.	Helen D. Pratt, sal.....	do.....	7 50
2634.	Feb. 5.	River Falls Ptg. Co., stationery.....	do.....	2 75
2635.	Feb. 5.	Raymond Thayer, sal.....	do.....	6 00
2636.	Feb. 5.	Grace Thayer, sal.....	do.....	4 00
2637.	Feb. 5.	Waldorf Bindery Co., R. B.....	do.....	26 50
2638.	Feb. 5.	Library Bureau, stationery.....	Stevens Point	3 60
2639.	Feb. 5.	Central Scientific Co., A. & C.....	do.....	32 54
2640.	Feb. 5.	College Book Store, stationery.....	do.....	1 50
2641.	Feb. 5.	John Geimer, misc.....	do.....	5 25
2642.	Feb. 5.	Gross & Jacobs, misc.....	do.....	18 87
2643.	Feb. 5.	A. C. McClurg & Co., R. B.....	do.....	54 66
2644.	Feb. 5.	National Express Co., misc.....	do.....	3 44
2645.	Feb. 5.	John F. Sims, misc.....	do.....	13 51
2646.	Feb. 5.	Standard Oil Co., rep.....	do.....	16 90
2647.	Feb. 5.	Wisconsin Best Laundry, misc.....	do.....	32 84
2648.	Feb. 5.	Atkinson, Mentzer & Grover, T. B.....	Superior	24 00
2649.	Feb. 5.	Levi Barkey, R. B., &c.....	do.....	4 60
2650.	Feb. 5.	Central Scientific Co., A. & C.....	do.....	24 42
2651.	Feb. 5.	J. F. Chamberlain & Co., stationery.....	do.....	5 75
2652.	Feb. 5.	J. Forin, rep.....	do.....	3 00
2653.	Feb. 5.	Ginn & Co., T. B.....	do.....	17 55
2654.	Feb. 5.	D. L. Hennessey, misc.....	do.....	15 60
2655.	Feb. 5.	I. C. McNeill, A. & C., &c.....	do.....	16 32
2656.	Feb. 5.	Anthony Metzger, misc.....	do.....	2 75
2657.	Feb. 5.	Wm. O'Connor, misc.....	do.....	13 69
2658.	Feb. 5.	Margaret Porter, misc.....	do.....	4 00
2659.	Feb. 5.	Thomas Roen, stationery.....	do.....	4 75
2660.	Feb. 5.	Rogers-Ruger Lumber Co., misc.....	do.....	4 89
2661.	Feb. 5.	Roth Bros., misc.....	do.....	15 41
2662.	Feb. 5.	Russell Creamery, misc.....	do.....	7 26
2663.	Feb. 5.	Russell Bros., stationery.....	do.....	3 15
2664.	Feb. 5.	Russell Bros., R. B.....	do.....	44 60
2665.	Feb. 5.	Sup. Hdw. Co., misc.....	do.....	23 35
2666.	Feb. 5.	W. C. White, misc.....	do.....	4 98
2667.	Feb. 5.	Bausch & Lomb Optical Co., A. & C.....	Whitewater	32 69
2668.	Feb. 5.	Chas. Inman, A. & C.....	do.....	3 00
2669.	Feb. 5.	The Macmillan Co., T. B.....	do.....	12 00
2670.	Feb. 5.	H. Niedecken Co., misc.....	do.....	8 50
2671.	Feb. 5.	The American Crayon Co., misc.....	do.....	3 11
2672.	Feb. 5.	W. C. Hewitt, exps.....	Institute	8 50

List of Vouchers Paid, 1906-1907.

2673.	Feb. 5.	W. J. Betts, gen. exps.....	Board	12 00
2674.	Feb. 5.	O. J. Schuster, gen. exps.....	do.....	10 51
2676.	Feb. 7.	C. H. Crownhurt, Regent's exps.....	Board	69 40
2677.	Feb. 7.	F. D. Ensign, Regent's exps.....	do.....	53 00
2373.	Feb. 7.	John Harrington, Regent's exps.....	do.....	65 50
2379.	Feb. 7.	C. D. McFarland, Regent's exps.....	do.....	164 99
2689.	Feb. 7.	D. McGregor, Regent's exps.....	do.....	75 17
2631.	Feb. 7.	Thomas Morris, Regent's exps.....	do.....	123 29
2632.	Feb. 7.	J. A. Peacock, Regent's exps.....	do.....	172 75
2682.	Feb. 7.	Fred Scheiber, Regent's exps.....	do.....	8 53
2684.	Feb. 7.	Theodora W. Youmans, Regent's exps.....	do.....	49 20
2685.	Feb. 7.	Theodora W. Youmans, Regent's exps.....	do.....	19 70
2683.	Feb. 7.	W. J. Brier, gen. exps.....	do.....	28 11
2687.	Feb. 7.	R. H. Halsey, gen. exps.....	do.....	15 95
2688.	Feb. 7.	J. W. Livingston, gen. exps.....	do.....	14 65
2689.	Feb. 7.	Chas. McKenny, gen. exps.....	do.....	10 27
2690.	Feb. 7.	I. C. McNeill, gen. exps.....	do.....	35 55
2691.	Feb. 7.	John F. Sims, gen. exps.....	do.....	23 47
2692.	Feb. 7.	Chicago & N. W. Ry. Co., gen. exps.....	do.....	150 00
2693.	Feb. 7.	Anthon F. Miller, rep.....	Oshkosh	8 06
2694.	Feb. 7.	Radford Bros. & Co., rep.....	do.....	5 38
2695.	Feb. 7.	Castle-Pierce Ptg. Co., sta.....	do.....	25 15
2696.	Feb. 7.	Oshkosh Logging Tool Co., misc.....	do.....	4 33
2697.	Feb. 7.	Irwin Shepard, Sec'y., T. B.....	do.....	5 00
2698.	Feb. 7.	Ginn & Co., T. B.....	do.....	6 01
2699.	Feb. 7.	Librarian of Congress, sta.....	River Falls	1 60
2700.	Feb. 7.	Albert Salisbury, misc.....	Whitewater	36 71
2701.	Feb. 7.	Whitewater Register, ptg.....	do.....	141 80
Total				\$253,290 21

No.	Date.	Name.	City.	Amount.
1.	Feb. 26.	Pay roll, sals.....	Milwaukee	\$4,207 50
2.	Feb. 26.	M. A. Bussewitz, misc.....	do.....	4 64
3.	Feb. 26.	E. C. Case, misc.....	do.....	2 50
4.	Feb. 26.	Drake Bros., misc.....	do.....	1 39
5.	Feb. 26.	Wm. Frodermann, rep.....	do.....	25 00
6.	Feb. 26.	Gas Consumer's Ass'n, light.....	do.....	3 09
7.	Feb. 26.	S. Y. Gillan & Co., R. B.....	do.....	41 25
8.	Feb. 26.	Ginn & Co., T. B.....	do.....	23 83
9.	Feb. 26.	D. C. Heath & Co., T. B.....	do.....	20 00
10.	Feb. 26.	Hendee, Bamford, Crandall, ptg.....	do.....	44 09
11.	Feb. 26.	Hendee, Bamford, Crandall, sta. etc.....	do.....	69 55
12.	Feb. 26.	M. Hilty Lumber Co., misc.....	do.....	4 03
13.	Feb. 26.	Chas. McKenny, sta. etc.....	do.....	16 93
14.	Feb. 26.	The Macmillan Co., T. B.....	do.....	74 80
15.	Feb. 26.	Irving E. Miller, misc.....	do.....	6 00
16.	Feb. 26.	Milwaukee Gas Light Co., rep.....	do.....	32 00
17.	Feb. 26.	Milwaukee Western Fuel Co., fuel.....	do.....	279 83
18.	Feb. 26.	C. H. Sears, misc.....	do.....	2 64
19.	Feb. 26.	Silver, Burdett & Co., T. B.....	do.....	9 07
20.	Feb. 26.	Standard Oil Co., misc.....	do.....	2 10
21.	Feb. 26.	H. H. West Co., misc.....	do.....	15 85
22.	Feb. 26.	Pay Rolls, sals.....	Oshkosh	4,828 19
23.	Feb. 26.	American Book Co., T. B.....	do.....	3 39
24.	Feb. 26.	C. W. Bardeen, sta.....	do.....	3 98
25.	Feb. 26.	Don P. Birdsall, sal.....	do.....	20 00
26.	Feb. 26.	Elizabeth R. Crawford, sal.....	do.....	9 25
27.	Feb. 26.	Eimer & Amend, A. & C.....	do.....	153 91
28.	Feb. 26.	R. H. Halsey, sal.....	do.....	35 00
29.	Feb. 26.	Harper Brothers, R. B.....	do.....	1 83
30.	Feb. 26.	Wm. Hawthorne, Furn.....	do.....	2 25
31.	Feb. 26.	Henry Holt & Co., T. B.....	do.....	12 50
32.	Feb. 26.	Fred Kuebler, misc.....	do.....	4 09
33.	Feb. 26.	Addie Liebert, sal.....	do.....	11 80
34.	Feb. 26.	MacMillan Co., T. B.....	do.....	14 49
35.	Feb. 26.	Jesse E. Moore, misc.....	do.....	6 25
36.	Feb. 26.	E. R. Neuenfeldt, misc.....	do.....	5 75
37.	Feb. 26.	Emil Olson, misc.....	do.....	2 75
38.	Feb. 26.	Oshkosh Gas Light Co., light &c.....	do.....	34 76
39.	Feb. 26.	Oshkosh Gas Light Co., light &c.....	do.....	25 99
40.	Feb. 26.	Oshkosh Gas Light Co., rep.....	do.....	39 40
41.	Feb. 26.	Paine Lumber Co., misc.....	do.....	23 26

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42.	Feb. 26.	F. A. Plummer Co., rep.....	Oshkosh..	4	71
43.	Feb. 26.	Ralph M. Burtis Co., rep. &c.....	do.....	35	15
44.	Feb. 26.	Ralph M. Burtis Co., misc.....	do.....	19	40
45.	Feb. 26.	Ralph M. Burtis Co., misc.....	do.....	15	17
46.	Feb. 26.	Ralph M. Burtis Co., rep. &c.....	do.....	34	88
47.	Feb. 26.	Row, Peterson & Co., T. B.....	do.....	24	75
48.	Feb. 26.	Reginald Sanders, sal.....	do.....	4	00
49.	Feb. 26.	E. L. Schroeder, sal.....	do.....	15	00
50.	Feb. 26.	Verner Scott, sal.....	do.....	6	00
51.	Feb. 26.	Marie Sherburne, sta.....	do.....	20	00
52.	Feb. 26.	Standard Oil Co. misc.....	do.....	18	29
53.	Feb. 26.	E. Stocking, rep.....	do.....	14	00
54.	Feb. 26.	Ethel P. Tower, sal.....	do.....	4	00
55.	Feb. 26.	Union Stoneware Co., misc.....	do.....	5	00
56.	Feb. 26.	Stroud & Co., misc. &c.....	do.....	17	23
57.	Feb. 26.	Chas H. Velte, sal.....	do.....	20	00
58.	Feb. 26.	Weeden Drug Co., A. & C.....	do.....	5	85
59.	Feb. 26.	Bert W. Wells, sal.....	do.....	15	00
60.	Feb. 26.	Katherine H. Williamson, sal.....	do.....	10	00
61.	Feb. 26.	Wm. Wilhelm, misc.....	do.....	12	60
62.	Feb. 26.	Wisconsin Telephone Co. misc.....	do.....	1	55
63.	Feb. 26.	Pay Roll, sals.....	Platteville	2,965	00
64.	Feb. 26.	D. Appleton & Co., T. B.....	do.....	21	97
65.	Feb. 26.	Beard Art Co., furn.....	do.....	20	00
66.	Feb. 26.	Belle Burke, misc.....	do.....	5	06
67.	Feb. 26.	C. C. Birchard, T. B.....	do.....	32	00
68.	Feb. 26.	A. B. Friedrich, rep.....	do.....	2	80
69.	Feb. 26.	E. R. Friedrich, rep.....	do.....	2	00
70.	Feb. 26.	D. C. Heath & Co., T. B.....	do.....	8	00
71.	Feb. 26.	Longmans, Green & Co., T. B.....	do.....	5	32
72.	Feb. 26.	A. C. McClurg & Co., T. B.....	do.....	9	03
73.	Feb. 26.	A. C. McClurg & Co., T. B.....	do.....	7	66
74.	Feb. 26.	Platteville Electric L. & P. Co., rep.....	do.....	3	00
75.	Feb. 26.	Platteville Lbr. & Fuel Co., fuel.....	do.....	415	51
76.	Feb. 26.	Fred Rentschler, misc.....	do.....	3	50
77.	Feb. 26.	John W. Rose, bldg.....	do.....	170	40
78.	Feb. 26.	Benj. H. Sanborn & Co., T. B.....	do.....	7	50
79.	Feb. 26.	Steinhoff & Stephens, misc.....	do.....	1	00
80.	Feb. 26.	Arch L. Tarrell, sal.....	do.....	50	00
81.	Feb. 26.	J. A. Silver, bldg.....	do.....	4,558	55
82.	Feb. 26.	J. A. Silver, bldg.....	do.....	2,628	00
83.	Feb. 26.	Pay Roll, sals.....	River Falls	2,560	00
84.	Feb. 26.	Allyn & Bacon, T. B.....	do.....	8	75
85.	Feb. 26.	D. Appleton & Co., T. B.....	do.....	42	58
86.	Feb. 26.	Ginn & Co., T. B.....	do.....	11	56
87.	Feb. 26.	Robert Hannah, fuel.....	do.....	181	17
88.	Feb. 26.	Houghton, Mifflin & Co., T. B.....	do.....	5	50
89.	Feb. 26.	Howard, Farwell & Co., furn.....	do.....	9	35
90.	Feb. 26.	L. E. Knott Appar, Co., A. & C.....	do.....	205	00
91.	Feb. 26.	Kny-Scheerer Co., A. & C.....	do.....	13	50
93.	Feb. 26.	A. C. McClurg & Co., R. B.....	do.....	13	29
94.	Feb. 26.	The Macmillan Co., T. B.....	do.....	4	88
95.	Feb. 26.	Helen D. Pratt, sal.....	do.....	7	50
96.	Feb. 26.	Schuneman & Evans, furn.....	do.....	20	00
97.	Feb. 26.	Scott, Foresman & Co., T. B.....	do.....	12	85
98.	Feb. 26.	Silver, Burdett & Co., T. B.....	do.....	7	00
99.	Feb. 26.	Pay Roll, sals.....	Stevens Point	3,264	00
100.	Feb. 26.	Allyn & Bacon, T. B.....	do.....	9	40
101.	Feb. 26.	D. Appleton & Co., T. B.....	do.....	13	30
102.	Feb. 26.	C. C. Birchard & Co., T. B.....	do.....	156	90
103.	Feb. 26.	Joseph Burkie, sal.....	do.....	26	00
104.	Feb. 26.	E. M. Coppins & Co., fuel.....	do.....	189	84
105.	Feb. 26.	E. M. Coppins & Co., fuel.....	do.....	215	65
106.	Feb. 26.	French & Campbell Co., R. B.....	do.....	36	50
107.	Feb. 26.	Ginn & Co., T. B.....	do.....	26	22
108.	Feb. 26.	A. G. Green, misc.....	do.....	1	42
109.	Feb. 26.	D. C. Heath & Co., T. B.....	do.....	5	88
110.	Feb. 26.	Henry Holt & Co., T. B.....	do.....	42	67
111.	Feb. 26.	Houghton, Mifflin Co., T. B.....	do.....	44	74
112.	Feb. 26.	C. Krembs & Bro., rep.....	do.....	57	31
113.	Feb. 26.	H. D. McCulloch Co., misc.....	do.....	7	60
114.	Feb. 26.	Marine Biological Lab., A. & C.....	do.....	20	73

List of Vouchers Paid, 1906-1907.

115.	Feb. 26.	F. H. Murray, misc.....	Stevens Point	\$15 93
116.	Feb. 26.	A. B. Porter, A. & C.....	do....	5 15
117.	Feb. 26.	A. G. Spalding & Bro., A. & C.....	do....	55 00
118.	Feb. 26.	Stevens Point Lighting Co., light.....	do....	218 38
119.	Feb. 26.	J. B. Sullivan, rep.....	do....	7 65
120.	Feb. 26.	Vetter Mfg. Co., misc.....	do....	2 40
121.	Feb. 26.	Wisconsin Telephone Co., misc.....	do....	2 95
122.	Feb. 26.	Pay Roll, sals.....	Superior	2,840 00
123.	Feb. 26.	Anna Aberg, misc.....	do....	3 15
124.	Feb. 26.	Bausch & Lomb Opt. Co, A. & C.....	do....	12 16
125.	Feb. 26.	Floy M. Bennett, sal.....	do....	42 00
126.	Feb. 26.	Lillie Berg, misc.....	do....	5 00
127.	Feb. 26.	Mary Carey, misc.....	do....	4 35
128.	Feb. 26.	Mary Carey, misc.....	do....	1 35
129.	Feb. 26.	E. C. Case, T. B.....	do....	6 00
130.	Feb. 26.	Marie Davidson, misc.....	do....	3 75
131.	Feb. 26.	Evening Telegram Co., Ptg.....	do....	83 50
132.	Feb. 26.	Ginn & Co., T. B.....	do....	33 50
133.	Feb. 26.	D. C. Heath & Co., T. B.....	do....	15 00
134.	Feb. 26.	Johnson Service Co., rep.....	do....	1 12
135.	Feb. 26.	Harry W. Jones, misc.....	do....	10 00
136.	Feb. 26.	Mrs. Robert Kelly, R. B.....	do....	7 75
137.	Feb. 26.	Ethel Kiever, misc.....	do....	2 85
138.	Feb. 26.	Lake Superior Bag Co., sta.....	do....	50
139.	Feb. 26.	Lake Superior Bag Co., sta.....	do....	4 60
140.	Feb. 26.	Lake Superior Bag Co., sta.....	do....	8 90
141.	Feb. 26.	Lightbody & Wingate, misc.....	do....	5 18
142.	Feb. 26.	I. C. McNeill, sta. &c.....	do....	7 14
143.	Feb. 26.	I. C. McNeill, sta., misc.....	do....	15 00
144.	Feb. 26.	A. C. McClurg & Co., T. B.....	do....	24 05
145.	Feb. 26.	A. C. McClurg & Co., T. B.....	do....	27 86
146.	Feb. 26.	Macmillan Co., T. B.....	do....	8 62
147.	Feb. 26.	Macmillan Co., T. B.....	do....	8 62
148.	Feb. 26.	Charles Meyers, sal.....	do....	46 48
149.	Feb. 26.	Catharine Moylan, misc.....	do....	9 40
150.	Feb. 26.	N. W. Machine Works, rep.....	do....	15 17
151.	Feb. 26.	Pease Hdw. Co., misc.....	do....	4 23
152.	Feb. 26.	Margaret Porter, misc.....	do....	4 00
153.	Feb. 26.	Otto Schmidt, misc.....	do....	8 75
154.	Feb. 26.	Superior Water, Light & P. Co., light &c.....	do....	67 30
155.	Feb. 26.	Thos. Charles Co., misc.....	do....	3 12
156.	Feb. 26.	Todd & Todd, misc.....	do....	8 01
157.	Feb. 26.	Pay Roll, sals.....	Whitewater	3,195 75
158.	Feb. 26.	Allyn & Bacon, T. B.....	do....	9 60
159.	Feb. 26.	Atkinson, Mentzer & Grover, T. B.....	do....	9 60
160.	Feb. 26.	Baker Paper Co., sta.....	do....	12 80
161.	Feb. 26.	C. M. Barnes Co., T. B.....	do....	52 45
162.	Feb. 26.	W. E. Clinton & Co., R. B.....	do....	47 35
163.	Feb. 26.	Chas Inman, rep.....	do....	9 10
164.	Feb. 26.	Kenyon News & P. S. Co., R. B.....	do....	46 40
165.	Feb. 26.	Row, Peterson & Co., T. B.....	do....	38 95
166.	Feb. 26.	G. W. Sperbeck, rep.....	do....	5 30
167.	Feb. 26.	Standard Paper Co., misc.....	do....	7 24
168.	Feb. 26.	Thomas Charles Co., misc.....	do....	4 80
169.	Feb. 26.	Geo. W. Wagner, sal.....	do....	10 00
170.	Feb. 26.	Whitewater Electric Light Co., light.....	do....	21 75
171.	Feb. 26.	Wisconsin Telephone Co., misc.....	do....	3 20
172.	Feb. 26.	May Buchanan, gen. exps.....	Board	60 00
173.	Feb. 26.	Chi. Mil. & St. P. Ry. Co., gen. exps.....	do....	100 00
174.	Feb. 26.	William Kittle, Secy's sal. & exps.....	do....	176 21
Total audit February 26th, 1907.....				\$36,004 10
175.	Mar. 23.	Pay Rolls, sals.....	Milwaukee	4,165 50
176.	Mar. 23.	American Book Co., T. B.....	do....	33 40
177.	Mar. 23.	Atkinson, Mentzer & Grover, T. B.....	do....	11 84
178.	Mar. 23.	C. C. Birchard, T. B.....	do....	10 75
179.	Mar. 23.	Drake Bros., Co., misc.....	do....	5 01
180.	Mar. 23.	Espenhalm Dry Goods Co., misc.....	do....	2 85
181.	Mar. 23.	Fredrick Warne & Co., R. B.....	do....	28 13
182.	Mar. 23.	Gimbel Bros., misc.....	do....	23 23
183.	Mar. 23.	Gimbel Bros., misc.....	do....	12 19

List of Vouchers Paid, 1906-1907.

184.	Mar. 23.	Ginn & Co., T. B.....	Milwaukee	\$11 20
185.	Mar. 23.	Grumiaux News & Sub. Co., R. B.....	do....	6 20
186.	Mar. 23.	D. C. Heath & Co., T. B.....	do....	5 15
187.	Mar. 23.	Independent Oil & Grease Co., misc.....	do....	54 12
188.	Mar. 23.	Johnson Service Co., misc.....	do....	3 75
189.	Mar. 23.	Julius Andrae & Sons Co., rep.....	do....	2 60
190.	Mar. 23.	J. Klawing & Co., R. B.....	do....	32 75
191.	Mar. 23.	Library Bureau, R. B.....	do....	4 30
192.	Mar. 23.	A. C. McClurg & Co., T. B.....	do....	3 40
193.	Mar. 23.	Chas. McKenny, sta. &c.....	do....	27 19
194.	Mar. 23.	B. H. Maxwell, misc.....	do....	2 45
195.	Mar. 23.	Milwaukee Dustless Brush Co., misc.....	do....	9 25
196.	Mar. 23.	Milwaukee Gas Light Co., light.....	do....	27 90
197.	Mar. 23.	Milwaukee Western Fuel Co., fuel.....	do....	278 46
198.	Mar. 23.	John Riech, rep.....	do....	28 95
199.	Mar. 23.	Herman Schmidt, sal.....	do....	44 25
200.	Mar. 23.	Chas. Scribners Sons, T. B.....	do....	8 00
201.	Mar. 23.	Wm. Steinmeyer Co., misc.....	do....	4 67
202.	Mar. 23.	Thomas Charles Co., misc.....	do....	3 96
203.	Mar. 23.	Teachers College Record, R. B.....	do....	2 00
204.	Mar. 23.	Nina C. Vandewalker, misc.....	do....	2 64
205.	Mar. 23.	Ward's Natural Science Est. A. & C.....	do....	12 90
206.	Mar. 23.	Pay Roll, sals.....	Oshkosh	4,870 00
207.	Mar. 23.	Allen & Wiedner Co., misc.....	do....	2 40
208.	Mar. 23.	D. Appleton & Co., T. B.....	do....	3 47
209.	Mar. 23.	Atkinson Mentzer & Grover, T. B.....	do....	3 15
210.	Mar. 23.	Bausch & Lomb Opt. Co., A. & C.....	do....	27 00
211.	Mar. 23.	Castle-Pierce Printing, sta.....	do....	6 75
212.	Mar. 23.	Castle-Pierce Printing Co., ptg.....	do....	159 00
213.	Mar. 23.	Elizabeth R. Crawford, sal.....	do....	8 00
214.	Mar. 23.	H. C. Doman Co., rep.....	do....	2 09
215.	Mar. 23.	Globe Printing Co., misc.....	do....	2 02
216.	Mar. 23.	Grumiaux News & Sub. Co., misc.....	do....	83 05
217.	Mar. 23.	Harper Brothers, R. B.....	do....	1 65
218.	Mar. 23.	Vashti L. Skidmore, sal.....	do....	8 40
219.	Mar. 23.	F. H. King, R. B.....	do....	3 50
220.	Mar. 23.	F. M. Lampson, rep.....	do....	96 60
221.	Mar. 23.	F. M. Lampson, rep.....	do....	59 02
222.	Mar. 23.	Addie Libert, sal.....	do....	10 50
223.	Mar. 23.	A. C. McClurg & Co., R. B.....	do....	15 63
224.	Mar. 23.	Marshall Field & Co., furn.....	do....	45 12
225.	Mar. 23.	George J. Mead, misc.....	do....	4 00
226.	Mar. 23.	Medberry Findeisen Co., sta.....	do....	19 99
227.	Mar. 23.	Wm. G. Miller, misc.....	do....	4 35
228.	Mar. 23.	E. R. Neuenfeldt, misc.....	do....	5 00
229.	Mar. 23.	Oshkosh Gas Light Co., light, &c.....	do....	29 25
230.	Mar. 23.	Oshkosh Gas Light Co., light, &c.....	do....	33 03
231.	Mar. 23.	Reginald Sanders, sal.....	do....	4 00
232.	Mar. 23.	Verner Scott, sal.....	do....	6 89
233.	Mar. 23.	E. J. Thompson & Co., misc.....	do....	1 95
234.	Mar. 23.	Ethel F. Tower, sal.....	do....	4 00
235.	Mar. 23.	U. S. Expres Co., T. B.....	do....	3 00
236.	Mar. 23.	George Wehrwein, sal.....	do....	12 00
237.	Mar. 23.	Wm. Wilhelm, misc.....	do....	3 20
238.	Mar. 23.	Katherine H. Williamson, sal.....	do....	10 00
239.	Mar. 23.	Wisconsin Telephone Co., misc.....	do....	12 55
240.	Mar. 23.	Pay Roll, sals.....	Platteville	3,041 50
241.	Mar. 23.	Belle Burke, misc.....	do....	3 79
242.	Mar. 23.	C. P. Cery, T. B.....	do....	3 09
243.	Mar. 23.	B. J. Davcy, rep.....	do....	28 59
244.	Mar. 23.	A. B. Dieck & Co., sta.....	do....	1 95
245.	Mar. 23.	Dwyer Pig. & Htg. Co., bldg.....	do....	2,078 95
246.	Mar. 23.	Mrs. Lena Henry, sal.....	do....	7 75
247.	Mar. 23.	Herman Andrae Elec. Co., bldg.....	do....	400 00
248.	Mar. 23.	J. W. Livingston, misc.....	do....	17 53
249.	Mar. 23.	Longmans, Green & Co., T. B.....	do....	4 19
250.	Mar. 23.	A. C. McClurg & Co., T. B.....	do....	2 90
251.	Mar. 23.	A. C. McClurg & Co., T. B.....	do....	20 79
252.	Mar. 23.	A. C. McClurg & Co., T. B.....	do....	66 98
253.	Mar. 23.	A. C. McClurg & Co., T. B.....	do....	27 93
254.	Mar. 23.	A. C. McClurg & Co., R. B.....	do....	22 51
255.	Mar. 23.	A. C. McClurg & Co., R. B.....	do....	29 01
256.	Mar. 23.	Josephine McDermont, sal.....	do....	45 02

List of Vouchers Paid, 1906-1907.

257	Mar. 23.	Milwaukee Free Press Co., bldg.....	Platteville	\$5 60
258.	Mar. 23.	A. H. Nehls Co., sta.....	do....	18 85
259.	Mar. 23.	A. H. Nehls & Co., misc.....	do....	16 96
260.	Mar. 23.	Platteville Lbr. & Fuel Co., fuel.....	do....	10 74
261.	Mar. 23.	Rand, McNally & Co., A. & C.....	do....	17 00
262.	Mar. 23.	Geo. M. Reed, A. & C.....	do....	3 35
263.	Mar. 23.	J. W. Rose, bldg.....	do....	52 00
264.	Mar. 23.	Smiley & Marshall, bldg.....	do....	725 80
265.	Mar. 23.	A. A. Sphung, A. & C.....	do....	6 00
266.	Mar. 23.	G. E. Stechert & Co., A. & C.....	do....	13 25
266a.	Mar. 23.	J. A. Silver, bldg.....	do....	4,619 75
267.	Mar. 23.	Pay Roll, sals.....	River Falls	2,700 00
268.	Mar. 23.	Allyn & Bacon Co., T. B.....	do....	2 22
269.	Mar. 23.	Atkinson, Mentzer & Grover, sta.....	do....	4 11
270.	Mar. 23.	F. L. Baker, furn, &c.....	do....	11 76
271.	Mar. 23.	W. J. Brier, misc.....	do....	32 97
272.	Mar. 23.	Central Scientific Co., A. & C.....	do....	9 56
273.	Mar. 23.	Central Scientific Co. A. & C. &c.....	do....	53 21
274.	Mar. 23.	M. A. Donohue & Co., sta.....	do....	6 78
275.	Mar. 23.	Geog. Society of Chicago, A. & C.....	do....	15 55
276.	Mar. 23.	Robert Hannah, fuel.....	do....	393 13
277.	Mar. 23.	D. C. Heath & Co., T. B.....	do....	4 26
278.	Mar. 23.	Library Bureau, sta.....	do....	5 70
279.	Mar. 23.	Frank Luberg, rep.....	do....	5 72
280.	Mar. 23.	Lyon & Healy, T. B.....	do....	2 84
281.	Mar. 23.	McClair & Gray Co., furn.....	do....	3 45
282.	Mar. 23.	The Macmillan Co., T. B.....	do....	23 00
283.	Mar. 23.	Helen D. Pratt sal.....	do....	7 50
284.	Mar. 23.	John C. Pierson, A. & Co.....	do....	18 60
285.	Mar. 23.	Scientific American, R. B.....	do....	104 00
286.	Mar. 23.	A. G. Spalding & Bros., furn.....	do....	10 75
287.	Mar. 23.	Thomas Charles Co., misc.....	do....	5 45
288.	Mar. 23.	Union Stoneware Co., misc.....	do....	5 50
289.	Mar. 23.	White-Smith Pub. Co., T. B.....	do....	1 89
290.	Mar. 23.	Pay Roll, sals.....	Stevens Point	3,253 00
291.	Mar. 23.	Atkinson, Mentzer & Grover, T. B.....	do....	16 70
292.	Mar. 23.	Baker Paper Co., sta.....	do....	45 60
293.	Mar. 23.	S. Y. Bentley, fuel.....	do....	120 09
294.	Mar. 23.	Bradner Smith & Co., sta.....	do....	9 20
295.	Mar. 23.	Joseph Burkle, misc.....	do....	10 00
296.	Mar. 23.	Genevieve Clifford, misc.....	do....	5 00
297.	Mar. 23.	E. M. Copps & Co., fuel.....	do....	236 17
298.	Mar. 23.	Edward A. Fromm, misc.....	do....	21 00
299.	Mar. 23.	Edward A. Fromm, misc.....	do....	10 00
300.	Mar. 23.	The Gazette, ptg.....	do....	90 20
301.	Mar. 23.	John Geimer, misc.....	do....	18 15
302.	Mar. 23.	Claudina Halverson, misc.....	do....	14 25
303.	Mar. 23.	Library Bureau, misc.....	do....	36 00
304.	Mar. 23.	A. C. McClurg & Co., R. B.....	do....	27 95
305.	Mar. 23.	A. C. McClurg & Co., T. B.....	do....	8 79
306.	Mar. 23.	E. McGlachen, ptg.....	do....	40 40
307.	Mar. 23.	The Macmillan Co., T. B.....	do....	86 25
308.	Mar. 23.	Peter Majerus, misc.....	do....	10 43
309.	Mar. 23.	Josephine Miaski, misc.....	do....	6 00
310.	Mar. 23.	F. H. Murray, misc.....	do....	10 29
311.	Mar. 23.	Truman Rice, misc.....	do....	2 00
312.	Mar. 23.	Chas. Scribners Sons, T. B.....	do....	19 57
313.	Mar. 23.	Stevens Point Water Co., W. R.....	do....	100 00
314.	Mar. 23.	John F. Sims, misc.....	do....	30 33
315.	Mar. 23.	St. Pt. Plumbing & Heating Co. rep.....	do....	6 85
316.	Mar. 23.	F. A. Susyins, rep.....	do....	17 41
317.	Mar. 23.	Wis. Telephone Co., misc.....	do....	2 50
318.	Mar. 23.	Pay Roll, sal.....	Superior	3,016 00
319.	Mar. 23.	American Book Co., T. B.....	do....	7 24
320.	Mar. 23.	American Heating Co., rep.....	do....	38 76
321.	Mar. 23.	Allyn & Bacon, T. B.....	do....	21 60
322.	Mar. 23.	Mabel Arneson, sal.....	do....	10 00
323.	Mar. 23.	Sadie Barnes, T. B.....	do....	50 50
324.	Mar. 23.	Froy M. Bennett, sal.....	do....	120 00

List of Vouchers Paid, 1906-1907.

325.	Mar. 23.	Lillie Berg, misc.....	Superior	\$5 00
326.	Mar. 23.	Bowser Transfer Co. bldg.....	do.....	15 00
327.	Mar. 23.	Mary Cary, misc.....	do.....	2 55
328.	Mar. 23.	Central Scientific Co., A. & C. &c.....	do.....	52 74
329.	Mar. 23.	A. B. Dick & Co., sta.....	do.....	7 60
330.	Mar. 23.	Marie Davidson, misc.....	do.....	2 00
331.	Mar. 23.	Douglas County Tel. Co., misc.....	do.....	9 00
332.	Mar. 23.	Dunn-Whipple Co., sta.....	do.....	4 00
333.	Mar. 23.	Joos & Osmundson, rep.....	do.....	3 65
334.	Mar. 23.	Ethel Kiever, misc.....	do.....	2 55
335.	Mar. 23.	Mary A. Kromer, sal.....	do.....	20 00
336.	Mar. 23.	Lake Superior Bag Co., sta.....	do.....	5 15
337.	Mar. 23.	Lake Superior Bag Co., sta.....	do.....	10 55
338.	Mar. 23.	Lake Superior Bag Co., misc.....	do.....	5 00
339.	Mar. 23.	Library Bureau, R. B.....	do.....	6 00
340.	Mar. 23.	A. C. McClurg & Co., R. B. &c.....	do.....	43 12
341.	Mar. 23.	A. C. McClurg & Co., R. B.....	do.....	39 87
342.	Mar. 23.	A. C. McClurg & Co., R. B.....	do.....	14 70
343.	Mar. 23.	I. C. McNeill, sta., &c.....	do.....	16 12
344.	Mar. 23.	McMullen Bros., R. B. &c.....	do.....	6 36
345.	Mar. 23.	The Macmillan Co., T. B.....	do.....	13 22
346.	Mar. 23.	M. May Furn. Co., furn.....	do.....	9 00
347.	Mar. 23.	J.A. Merrill, misc.....	do.....	27 75
348.	Mar. 23.	Chas Meyers, misc.....	do.....	12 00
349.	Mar. 23.	Jettie Moran, sal.....	do.....	40 00
350.	Mar. 23.	Catherine Moylan, sal.....	do.....	40 00
351.	Mar. 23.	Neil & Co., rep.....	do.....	11 45
352.	Mar. 23.	Wm. O'Connor, misc.....	do.....	16 29
353.	Mar. 23.	Anna Pederson, misc.....	do.....	4 15
354.	Mar. 23.	Margaret Potter, misc.....	do.....	7 80
355.	Mar. 23.	The Prang Ed. Co., misc.....	do.....	19 92
356.	Mar. 23.	Thos. Roen, sta.....	do.....	3 00
357.	Mar. 23.	Willard Ryan, misc.....	do.....	1 75
358.	Mar. 23.	Otto Schmidt, misc.....	do.....	4 27
359.	Mar. 23.	Ruth Smith, misc.....	do.....	2 05
360.	Mar. 23.	St. Paul & Western Coal Co., fuel.....	do.....	\$64 21
361.	Mar. 23.	Superior Rug Mfg. rep.....	do.....	2 59
362.	Mar. 23.	Superior W. L. & P. Co., light, etc.....	do.....	61 50
363.	Mar. 23.	Thos. Charles Co., misc.....	do.....	11 31
364.	Mar. 23.	A. D. Whealdon, R. B.....	do.....	6 33
365.	Mar. 23.	W. C. White, misc.....	do.....	1 75
366.	Mar. 23.	Pay Roll, sals.....	Whitewater	3,088 00
367.	Mar. 23.	Atkinson, Mentzer & Grover, T. B.....	do.....	5 62
368.	Mar. 23.	Baker Paper Co., sta. &c.....	do.....	19 70
369.	Mar. 23.	H. A. Dierfield & Son, misc.....	do.....	2 00
370.	Mar. 23.	F. M. & M. N. Finch, rep.....	do.....	5 40
371.	Mar. 23.	Ginn & Company T. B.....	do.....	148 50
372.	Mar. 23.	Ginn & Company, T. B.....	do.....	27 96
373.	Mar. 23.	J. N. Humphrey, T. B.....	do.....	5 40
374.	Mar. 23.	Wm. C. Kreul Co., sta.....	do.....	3 25
375.	Mar. 23.	John Lugg, furn.....	do.....	12 75
376.	Mar. 23.	The McKinley Pub. Co., T. B.....	do.....	3 74
377.	Mar. 23.	Northern Paper Mills, misc.....	do.....	11 76
378.	Mar. 23.	H. J. O'Connor, sta.....	do.....	67 49
379.	Mar. 23.	Standard Paper Co., R. B.....	do.....	3 65
380.	Mar. 23.	Thos. E. Hoye Heating Co., rep.....	do.....	8 15
381.	Mar. 23.	Geo. M. Wagner, sal.....	do.....	10 00
382.	Mar. 23.	Whitewater Electric Light Co., light.....	do.....	21 20
383.	Mar. 23.	Whitewater Water Works Co., W. R.....	do.....	100 00
384.	Mar. 23.	Wisconsin Telephone Co., misc.....	do.....	2 70
385.	Mar. 23.	W. C. Hewitt, exps.....	Institute	3 25
386.	Mar. 23.	A. A. Upham, exps.....	do.....	13 30
387.	Mar. 23.	W. J. Pettis, gen. exps.....	Board	22 55
388.	Mar. 23.	May Buchanan, gen. exps.....	do.....	60 00
389.	Mar. 23.	Chi. Mil. & St. P. R. Co., gen. exps.....	do.....	50 20
390.	Mar. 23.	Dane County Telephone Co., gen. exps.....	do.....	72 00
391.	Mar. 23.	William Kittle, secy's exps. & sal.....	do.....	164 98
392.	Mar. 23.	N. W. Lith. Co., gen. exps.....	do.....	136 35
393.	Mar. 23.	The Philadelphia Casualty Co., gen. exps.....	do.....	90 00
394.	Mar. 23.	O. J. Schuster, gen. exps.....	do.....	2 75
Total audit March 23rd, 1907.....				\$38,175 57

List of Vouchers Paid, 1906-1907.

No.	Date.	Name.	City.	Amount.
395.	Apr. 24.	Pay Roll, sais.....	Milwaukee	\$4,239 00
396.	Apr. 24.	Boston Book Co., R. B.....	do....	5 91
397.	Apr. 24.	Bradner Smith & Co., misc.....	do....	1 50
398.	Apr. 24.	W. H. Cheever, misc.....	do....	2 88
399.	Apr. 24.	Chicago Newspaper Agency, R. B.....	do....	2 04
400.	Apr. 24.	Clement, Williams & Co., furn.....	do....	21 00
401.	Apr. 24.	Currie Bros., misc.....	do....	1 85
402.	Apr. 24.	Wm. Proderman, rep.....	do....	14 00
403.	Apr. 24.	M. Hilty Lumber Co., rep.....	do....	4 96
404.	Apr. 24.	M. Hilty Lumber Co., rep.....	do....	4 41
405.	Apr. 24.	Hinds, Noble & Eldridge, T. B.....	do....	6 45
406.	Apr. 24.	Geo. T. Johnson, misc.....	do....	9 00
407.	Apr. 24.	Journal of American History, R. B.....	do....	2 00
408.	Apr. 24.	Ella Kingsbury, misc. &c.....	do....	2 25
409.	Apr. 24.	J. Klawing & Co., R. B.....	do....	65 30
410.	Apr. 24.	Chas. McKenny, W. R.....	do....	47 30
411.	Apr. 24.	Chas. McKenny, sta. &c.....	do....	9 46
412.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	188 61
413.	Apr. 24.	Milwaukee Gas Light Co., light.....	do....	18 06
414.	Apr. 24.	Mil. Western Fuel Co., fuel.....	do....	216 68
415.	Apr. 24.	Otto Rudolph, rep.....	do....	2 50
416.	Apr. 24.	Frank Schmidt, rep.....	do....	63 40
417.	Apr. 24.	C. H. Sears, misc.....	do....	2 72
418.	Apr. 24.	Standard Paper Co., R. B. &c.....	do....	18 15
419.	Apr. 24.	Wm. T. Steinmeyer & Co., misc.....	do....	1 60
420.	Apr. 24.	Nina C. Vanderwalker, misc.....	do....	3 15
421.	Apr. 24.	H. H. West Co., sta. &c.....	do....	13 55
422.	Apr. 24.	James T. White & Co., R. B.....	do....	8 00
423.	Apr. 24.	Wisconsin Telephone Co., misc.....	do....	18 00
424.	Apr. 24.	Pay Roll, sais.....	Oshkosh	4,838 50
425.	Apr. 24.	A. L. A. Publishing Co., sta.....	do....	92
426.	Apr. 24.	American Book Co., T. B.....	do....	9 30
427.	Apr. 24.	American Book Co., T. B.....	do....	5 56
428.	Apr. 24.	American Express Co., T. B.....	do....	4 85
429.	Apr. 24.	Geo. Banta Pub. Co., T. B.....	do....	10 00
430.	Apr. 24.	Battis Brothers, rep.....	do....	13 23
431.	Apr. 24.	Don P. Birdsall, sal.....	do....	20 00
432.	Apr. 24.	Campbell & Cameron Co., fuel.....	do....	10 50
433.	Apr. 24.	Castle-Pierce Pt'g Co., sta.....	do....	16 90
434.	Apr. 24.	Cook & Brown Lime Co., fuel.....	do....	798 33
435.	Apr. 24.	E. M. Crane, sta.....	do....	64 30
436.	Apr. 24.	Elizabeth E. Crawford, sal.....	do....	8 20
437.	Apr. 24.	Duggan Printing Co., sta.....	do....	24 10
438.	Apr. 24.	Educational Pub. Co., T. B.....	do....	16 70
439.	Apr. 24.	Globe Printing Co., ptg.....	do....	8 50
440.	Apr. 24.	Globe Printing Co., sta.....	do....	4 99
441.	Apr. 24.	Grumiaux News & Sub. Co., misc.....	do....	9 23
442.	Apr. 24.	J. L. Hammett Co., misc.....	do....	1 68
443.	Apr. 24.	J. F. C. Johnson, misc.....	do....	27 00
444.	Apr. 24.	Fred Kuebler, misc.....	do....	4 00
445.	Apr. 24.	Addie Libert, sal.....	do....	6 40
446.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	75 67
447.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	31 90
448.	Apr. 24.	McDevitt-Wilson, R. B.....	do....	8 06
449.	Apr. 24.	Medberry-Findeisen Co., misc.....	do....	45 83
450.	Apr. 24.	D. Whitney Middlecamp, misc.....	do....	11 87
451.	Apr. 24.	Monash-Younger Co., rep.....	do....	5 40
452.	Apr. 24.	Jesse E. Moore, misc.....	do....	7 50
453.	Apr. 24.	Oshkosh Gas Light Co., light, &c.....	do....	36 29
454.	Apr. 24.	Oshkosh Gas Light Co., light, &c.....	do....	20 45
455.	Apr. 24.	Oshkosh Water Works Co., W. R.....	do....	160 19
456.	Apr. 24.	Paine Lumber Co., misc.....	do....	6 80
457.	Apr. 24.	Reginald Sanders, sal.....	do....	4 00
458.	Apr. 24.	E. L. Schroeder, sal.....	do....	15 00
459.	Apr. 24.	Verner Scott, sal.....	do....	6 00
460.	Apr. 24.	Silver, Burdett & Co., T. B.....	do....	8 05
461.	Apr. 24.	Vashti L. Skidmore, sal.....	do....	10 60
462.	Apr. 24.	Ethel F. Tower, sal.....	do....	4 00
463.	Apr. 24.	U. S. Envelope Co., sta.....	do....	18 50
464.	Apr. 24.	Charles H. Velte, sal.....	do....	20 00
465.	Apr. 24.	George Wehrwein, sal.....	do....	1 50
466.	Apr. 24.	Pert W. Wells, sal.....	do....	5 00
467.	Apr. 24.	Wm. Wilhelm, misc.....	do....	3 30

List of Vouchers Paid, 1906-1907.

468.	Apr. 24.	Pay Roll, sals.....	Platteville	\$3,080 00
469.	Apr. 24.	Nathan Ashby, sal.....	do....	13 00
470.	Apr. 24.	H. G. Chase & Co., misc.....	do....	8 35
471.	Apr. 24.	Clark Engraving & Ptg. Co., ptg.....	do....	10 73
472.	Apr. 24.	R. I. Dugdale, misc. &c.....	do....	19 80
473.	Apr. 24.	Dwyer Ptg. & Htg. Co., bldg.....	do....	1,530 00
474.	Apr. 24.	J. E. Fawcett, misc.....	do....	9 29
475.	Apr. 24.	C. E. Fawcett, sal.....	do....	2 75
476.	Apr. 24.	Garden Educational Co., A. & C.....	do....	9 14
477.	Apr. 24.	Gilmore & Smith, sta.....	do....	10 57
478.	Apr. 24.	Mrs. Lena Henry, sal.....	do....	3 00
479.	Apr. 24.	Mrs. Lena Henry, sal.....	do....	25 00
480.	Apr. 24.	Chas. Howard, misc.....	do....	6 72
481.	Apr. 24.	Mrs. Julia Hall, sal.....	do....	4 50
482.	Apr. 24.	Lottie Ivens, sal.....	do....	3 00
483.	Apr. 24.	Mrs. Lucy Ivens, sal.....	do....	4 50
484.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	12 50
485.	Apr. 24.	Marshall Field & Co., rep.....	do....	5 20
486.	Apr. 24.	A. H. Nehls & Co., sta.....	do....	37 60
487.	Apr. 24.	A. H. Nehls & Co., misc.....	do....	5 80
488.	Apr. 24.	E. H. Nehls & Co., a. & c.....	do....	11 00
489.	Apr. 24.	B. B. Newell, misc.....	do....	5 00
490.	Apr. 24.	Northern Paper Mills, misc.....	do....	17 64
491.	Apr. 24.	Peter Henderson Co., misc.....	do....	2 50
492.	Apr. 24.	Platteville Journal, ptg., &c.....	do....	84 99
493.	Apr. 24.	Will M. Rindlaub, sta.....	do....	10 80
494.	Apr. 24.	John W. Rose, bldg.....	do....	52 00
495.	Apr. 24.	J. A. Silver, bldg.....	do....	4,972 50
496.	Apr. 24.	Smiley & Marshall, bldg.....	do....	1,605 68
497.	Apr. 24.	Mrs. Adella Smith, sal.....	do....	3 00
498.	Apr. 24.	Smith Premier Co., A. & C.....	do....	2 30
499.	Apr. 24.	Taylor Feed Co., misc.....	do....	8 75
500.	Apr. 24.	Benj. Webster, sta.....	do....	58 85
501.	Apr. 24.	H. J. Youmans, misc.....	do....	5 55
502.	Apr. 24.	H. J. Youmans, A. & C.....	do....	3 10
503.	Apr. 24.	H. J. Youmans, A. & C.....	do....	2 85
504.	Apr. 24.	Pay Roll, sals.....	River Falls	2,821 00
505.	Apr. 24.	Samuel Bernet, sal.....	do....	6 40
506.	Apr. 24.	Edna Comstock, sal.....	do....	10 00
507.	Apr. 24.	W. J. Dyer & Bro., misc. &c.....	do....	2 96
508.	Apr. 24.	Wm. A. French & Co., furn.....	do....	6 00
509.	Apr. 24.	The Gunn Furn. Co., furn.....	do....	20 00
510.	Apr. 24.	J. L. Hammett Co., misc.....	do....	4 80
511.	Apr. 24.	G. B. Hoag, furn.....	do....	8 25
512.	Apr. 24.	John Leslie Paper Co., sta.....	do....	7 44
513.	Apr. 24.	John Leslie Paper Co., sta. &c.....	do....	40 06
514.	Apr. 24.	Alfred W. Jones, A. & C.....	do....	10 71
515.	Apr. 24.	Journal American Hist. R. B.....	do....	2 00
516.	Apr. 24.	Key Stone View Co., A. & C.....	do....	25 67
517.	Apr. 24.	Lyon & Healy, furn.....	do....	15 06
518.	Apr. 24.	O. W. Newcomb, furn.....	do....	105 00
519.	Apr. 24.	J. Orenstein & Co., furn. &c.....	do....	5 00
520.	Apr. 24.	Helen D. Pratt, sal.....	do....	7 50
521.	Apr. 24.	Dorothy Rogers, sal.....	do....	14 20
522.	Apr. 24.	G. Schirmer, T. B.....	do....	3 80
523.	Apr. 24.	C. H. Stoelting, A. & C.....	do....	28 05
524.	Apr. 24.	Thomas Charles Co., misc.....	do....	9 42
525.	Apr. 24.	Waldorf Bindery Co., R. B.....	do....	46 70
526.	Apr. 24.	Pay Roll, sals.....	Stevens Point	3,104 00
527.	Apr. 24.	American Book Co., T. B.....	do....	51 63
528.	Apr. 24.	Atlas School Supply Co., sta.....	do....	8 84
529.	Apr. 24.	Coye Furniture Co., misc.....	do....	2 42
530.	Apr. 24.	A. B. Dick Co., sta.....	do....	3 50
531.	Apr. 24.	John Geimer, misc.....	do....	7 35
532.	Apr. 24.	John Geimer, rep.....	do....	6 06
533.	Apr. 24.	A. G. Green, misc.....	do....	2 05
534.	Apr. 24.	Thomas A. Knott, sal.....	do....	100 00
535.	Apr. 24.	A. C. McClurg & Co., sta.....	do....	11 77
536.	Apr. 24.	H. D. McCulloch Co., misc.....	do....	13 57
537.	Apr. 24.	Peter Majerus, rep.....	do....	10 00
538.	Apr. 24.	Peter Majerus, misc.....	do....	5 97
539.	Apr. 24.	Peter Majerus, misc.....	do....	3 00
540.	Apr. 24.	Moll Glennon Co., misc.....	do....	3 57

List of Vouchers Paid, 1906-1907.

541.	Apr. 24.	F. H. Murray, misc.....	Stevens Point	\$16 95
542.	Apr. 24.	A. J. Nystrom & Co., furn.....	do....	15 00
543.	Apr. 24.	Silver, Burdett & Co., A. & C.....	do....	14 36
544.	Apr. 24.	Stevens Point Lighting Co., light.....	do....	205 61
545.	Apr. 24.	Jas. B. Sullivan & Co., rep.....	do....	3 30
546.	Apr. 24.	Vaughn's Seed Store, misc.....	do....	3 35
547.	Apr. 24.	Vetter Mfg Co., rep.....	do....	2 10
548.	Apr. 24.	Pay Roll, sals.....	Superior	2,680 00
549.	Apr. 24.	American Heating Co., rep.....	do....	32 25
550.	Apr. 24.	Floy M. Bennett, sal.....	do....	120 00
551.	Apr. 24.	Lillie Berg, sal.....	do....	5 00
552.	Apr. 24.	Mary Carey, sal.....	do....	2 25
553.	Apr. 24.	Foote Mineral Co., A. & C.....	do....	7 05
554.	Apr. 24.	E. M. Gilbert, sal.....	do....	67 50
555.	Apr. 24.	India Alkali Works, misc.....	do....	6 11
556.	Apr. 24.	Johnson Service Co., rep.....	do....	1 12
557.	Apr. 24.	V. E. McCaskill, misc.....	do....	22 14
558.	Apr. 24.	V. E. Caskill, sta. &c.....	do....	12 97
559.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	32 79
560.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	90 95
561.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	37 54
562.	Apr. 24.	A. C. McClurg & Co., R. B. &c.....	do....	88 13
563.	Apr. 24.	I. C. McNeill, sta. &c.....	do....	6 05
564.	Apr. 24.	M. May Furn. Co., furn.....	do....	44 50
565.	Apr. 24.	Jettie Moran, R. B.....	do....	40 00
566.	Apr. 24.	Neil & Co., rep.....	do....	5 81
567.	Apr. 24.	Wm. O'Connor, misc.....	do....	20 19
568.	Apr. 24.	Porter Music Co., rep.....	do....	2 50
569.	Apr. 24.	Roth Bros., misc.....	do....	11 37
570.	Apr. 24.	Russell Creamery, misc.....	do....	10 12
571.	Apr. 24.	Willard Ryan, sal.....	do....	13 25
572.	Apr. 24.	Eva Stockwell, sal.....	do....	1 23
573.	Apr. 24.	Otto Schmidt, rep.....	do....	15 75
574.	Apr. 24.	Sup. W. L. & P. Co., W. R. &c.....	do....	56 90
575.	Apr. 24.	Thos. Charles Co., misc.....	do....	9 64
576.	Apr. 24.	Marian K. Varian, rep.....	do....	2 10
577.	Apr. 24.	The Webb Pottery Co., misc.....	do....	6 08
578.	Apr. 24.	W. C. White, sal.....	do....	2 10
579.	Apr. 24.	Evening Telegram Co., ptg.....	do....	45 00
580.	Apr. 24.	Pay Roll, sals.....	Whitewater	3,200 00
581.	Apr. 24.	Alice Baade, sal.....	do....	20 00
582.	Apr. 24.	Elsie Baade, sal.....	do....	15 00
583.	Apr. 24.	F. R. Floodgood, misc.....	do....	8 00
584.	Apr. 24.	F. R. Floodgood, ptg.....	do....	60 00
585.	Apr. 24.	Geo. Brunder, T. B.....	do....	16 50
586.	Apr. 24.	Buckstaff, Edwards Co., furn.....	do....	35 00
587.	Apr. 24.	Edna Cox, sal.....	do....	5 40
588.	Apr. 24.	Hattie Foote, sal.....	do....	3 20
589.	Apr. 24.	Nellie Gardner, sal.....	do....	15 00
590.	Apr. 24.	Goodyear Rubber Co., furn.....	do....	48 00
591.	Apr. 24.	Tillie A. Holm, sal.....	do....	17 25
592.	Apr. 24.	Chas. Inman, rep. &c.....	do....	4 15
593.	Apr. 24.	W. G. Kildow, rep.....	do....	1 50
594.	Apr. 24.	David F. Leishman, rep.....	do....	2 70
595.	Apr. 24.	A. C. McClurg & Co., R. B.....	do....	61 53
596.	Apr. 24.	Marshall Field & Co., furn.....	do....	50 72
597.	Apr. 24.	F. Newell, rep.....	do....	18 25
598.	Apr. 24.	Albert Phillips, misc.....	do....	5 00
599.	Apr. 24.	Wm. Rohlfing & Sons, rep.....	do....	8 00
600.	Apr. 24.	Row, Peterson & Co., T. B. &c.....	do....	11 80
601.	Apr. 24.	O. Smothers, rep.....	do....	13 85
602.	Apr. 24.	Star Wall Finish Co., rep.....	do....	11 00
603.	Apr. 24.	Geo. W. Wagner, sal.....	do....	10 00
604.	Apr. 24.	Whitewater Electric Light Co., light.....	do....	15 15
605.	Apr. 24.	The Whitewater Register, sta.....	do....	8 00
606.	Apr. 24.	Wis. Telephone Co., misc.....	do....	3 35
607.	Apr. 24.	American Express Co., gen. exps.....	Board	2 78
608.	Apr. 24.	May Buchanan, gen exps.....	do....	60 00
609.	Apr. 24.	Chi. Mil. & St. Paul Co., gen exps.....	do....	100 00
610.	Apr. 24.	E. W. Keyes, gen. exps.....	do....	42 70
611.	Apr. 24.	William Kittle, sal. & exps.....	do....	150 43
612.	Apr. 24.	U. S. Express Co., gen exps.....	do....	5 44
Total audit, April 24th, 1907.....				\$37,320 52

List of Vouchers Paid, 1906-1907.

No.	Date.	Name.	City.	Amount.
613.	May 24.	Pay Roll, sals.....	Oshkosh	\$4,819 00
614.	May 24.	Allyn & Bacon, T. B.....	do...	7 17
615.	May 24.	American Book Co., T. B.....	do...	15 65
616.	May 24.	American Express Co., misc.....	do...	2 45
617.	May 24.	The American News Co., R. B.....	do...	2 84
618.	May 24.	D. Appleton & Co., T. B.....	do...	7 55
619.	May 24.	Baker Paper Co., sta.....	do...	65 23
620.	May 24.	B. D. Berry & Co., sta.....	do...	1 96
621.	May 24.	Anthony Bowers, misc.....	do...	1 90
622.	May 24.	Robert Brand & Sons, furn.....	do...	50 75
623.	May 24.	L. W. Briggs, misc.....	do...	2 00
624.	May 24.	Ralph M. Burtis Co., misc.....	do...	6 15
625.	May 24.	Castle-Pierce Ptg. Co., ptg. etc.....	do...	50 45
626.	May 24.	Castle-Pierce Ptg. Co., ptg. etc.....	do...	12 70
627.	May 24.	Central Construction Co., rep.....	do...	6 67
628.	May 24.	Central Construction Co., rep.....	do...	59 83
629.	May 24.	P. F. Collier & Son, misc.....	do...	6 80
630.	May 24.	Elizabeth R. Crawford, sal.....	do...	11 35
631.	May 24.	Thomas Y. Crowell & Co., T. B.....	do...	14 00
632.	May 24.	Luther Davies & Co., misc.....	do...	2 50
633.	May 24.	H. J. Evans, A. & C.....	do...	20 00
634.	May 24.	A. Flanagan Co., T. B.....	do...	9 60
635.	May 24.	Chas. A. Foyer & Co., sta.....	do...	2 50
636.	May 24.	Jos. Gillott & Sons, sta.....	do...	3 52
637.	May 24.	John M. Hurn, sta.....	do...	7 85
638.	May 24.	Addie Libert, sal.....	do...	7 40
639.	May 24.	Macmillan Company, T. B.....	do...	34 84
640.	May 24.	Macmillan Company, T. B.....	do...	10 60
641.	May 24.	Macmillan Company, T. B.....	do...	8 55
642.	May 24.	Medberry-Findeisen Co., sta.....	do...	10 10
643.	May 24.	Medberry-Findeisen Co., sta.....	do...	15 00
644.	May 24.	Jesse E. Moore, misc.....	do...	10 63
645.	May 24.	Oshkosh Gas Light Co., light, etc.....	do...	12 90
646.	May 24.	Oshkosh Gas Light Co., light, etc.....	do...	23 42
647.	May 24.	Oshkosh Office Supply Co., sta.....	do...	2 25
648.	May 24.	Paine Lumber Co., misc.....	do...	38 05
649.	May 24.	Parker Educational Co., misc.....	do...	4 25
650.	May 24.	Prang Educational Co., misc.....	do...	25 00
651.	May 24.	Post Publishing Co., R. B.....	do...	32 85
652.	May 24.	Radford Bros. & Co., rep.....	do...	1 03
653.	May 24.	Radford Bros. & Co. misc.....	do...	22 01
654.	May 24.	Benj. H. Sanborn & Co., T. B.....	do...	21 00
655.	May 24.	Benj. H. Sanborn & Co., T. B.....	do...	3 43
656.	May 24.	Benj. H. Sanborn & Co., T. B.....	do...	5 23
657.	May 24.	Reginald Sanders, sal.....	do...	5 40
658.	May 24.	Verner Scott, sal.....	do...	12 00
659.	May 24.	Verner Scott, misc.....	do...	2 40
660.	May 24.	Charles Scribners' Sons, T. B.....	do...	4 98
661.	May 24.	Marie Sherburne, sta.....	do...	29 59
662.	May 24.	Vashti L. Skidmore, sal.....	do...	13 60
663.	May 24.	Soper Furniture Co., furn.....	do...	12 50
664.	May 24.	Ethel F. Tower, sal.....	do...	4 00
665.	May 24.	U. S. Express Co., T. B.....	do...	5 20
666.	May 24.	Union Stoneware Co., misc.....	do...	5 00
667.	May 24.	P. F. Van Evert, T. B.....	do...	98 20
668.	May 24.	Theodore Watermolen, misc.....	do...	3 75
669.	May 24.	Weeden Drug Co., misc.....	do...	2 05
670.	May 24.	Katherine H. Williamson, sal.....	do...	20 00
671.	May 24.	Wis. Telephone Co., Misc.....	do...	2 10
672.	May 24.	Pay Roll, sals.....	Platteville	\$3,055 00
673.	May 24.	American Book Co., T. B.....	do...	2 80
674.	May 24.	American Contractor Pub. Co., bldg.....	do...	8 40
675.	May 24.	Belle Burke, sal., etc.....	do...	5 25
676.	May 24.	Democrat Printing Co., sta.....	do...	4 80
677.	May 24.	M. A. Donohue & Co., misc.....	do...	2 50
678.	May 24.	Eastman Lumber Co., misc.....	do...	18 60
679.	May 24.	Edward C. Elliott, Misc.....	do...	8 25
680.	May 24.	Ganes Bros., misc.....	do...	4 15
681.	May 24.	S. Y. Gillan, T. B.....	do...	4 00
682.	May 24.	Gilmore & Smith, misc.....	do...	7 10
683.	May 24.	Ginn & Co., T. B.....	do...	7 20
684.	May 24.	J. L. Hammett Co., A. & C.....	do...	7 00
685.	May 24.	Lena Henry, misc.....	do...	8 87
686.	May 24.	Imperial Brush Co., misc.....	do...	13 50

List of Vouchers Paid, 1906-1907.

687.	May 24.	Macmillan Co., T. B.	Platteville	\$88 30
688.	May 24.	A. C. McClurg & Co., T. B.	do.	17 94
689.	May 24.	A. C. McClurg & Co., T. B. etc.	do.	26 89
690.	May 24.	A. H. Nehls & Co., A. & C.	do.	3 00
691.	May 24.	A. H. Nehls & Co., misc.	do.	4 85
692.	May 24.	A. H. Nehls & Co., misc.	do.	11 55
693.	May 24.	A. H. Nehls & Co., misc.	do.	11 95
694.	May 24.	E. F. O'Brien, misc.	do.	31 12
695.	May 24.	Orr & Lockett, A. & C.	do.	7 00
696.	May 24.	B. J. Pitts, rep.	do.	2 65
697.	May 24.	Platteville Fair Ass'n, misc.	do.	60 00
698.	May 24.	H. A. Robinson, misc.	do.	3 20
699.	May 24.	Henry Schambow, misc.	do.	1 95
700.	May 24.	W. B. Smith, A. & C.	do.	3 00
701.	May 24.	W. Harold Tomlinson, A. & C.	do.	5 65
702.	May 24.	Pay Roll, sals.	River Falls	2,680 00
703.	May 24.	D. Appleton & Co., T. B.	do.	6 36
704.	May 24.	Atkinson, Mentzer & Grover, misc.	do.	4 04
705.	May 24.	F. L. Baker, misc.	do.	8 65
706.	May 24.	August Beorn, rep.	do.	11 35
707.	May 24.	The Boston Music Co., T. B.	do.	5 57
708.	May 24.	W. J. Brier, misc.	do.	17 96
709.	May 24.	Central Scientific Co., A. & C.	do.	16 60
710.	May 24.	City of River Falls, light.	do.	81 54
711.	May 24.	Democrat Ptg. Co., misc.	do.	2 95
712.	May 24.	Ginn & Co., T. B.	do.	8 29
713.	May 24.	John Leslie Paper Co., sta. etc.	do.	46 96
714.	May 24.	D. E. Jones, rep.	do.	1 80
715.	May 24.	Lyon & Healy, misc. etc.	do.	12 03
716.	May 24.	The Macmillan Co., T. B.	do.	27 75
717.	May 24.	A. C. McClurg & Co., R. B.	do.	23 65
718.	May 24.	Manheimer Bros., misc.	do.	9 00
719.	May 24.	Helen D. Pratt, sal.	do.	7 50
720.	May 24.	Rand, McNally Co., T. B.	do.	4 70
721.	May 24.	M. D. Savage, misc.	do.	2 00
722.	May 24.	M. D. Savage, fuel.	do.	362 81
723.	May 24.	Chester F. Spooner, rep.	do.	10 00
724.	May 24.	C. H. Stoelting & Co., A. & C.	do.	20 84
725.	May 24.	The H. W. Wilson Co., R. B.	do.	2 47
726.	May 24.	A. F. Wood Music Co., T. B.	do.	2 72
727.	May 24.	Pay Roll, sals.	Stevens Point	3,080 00
728.	May 24.	American Book Co., T. B.	do.	4 32
729.	May 24.	J. W. Ames, misc.	do.	36 95
730.	May 24.	D. Appleton & Co., T. B.	do.	10 47
731.	May 24.	E. A. Arenberg, rep.	do.	7 50
732.	May 24.	Castle-Pierce Ptg. Co., ptg.	do.	70 00
733.	May 24.	Nina Chenevert, misc.	do.	5 50
734.	May 24.	Genevieve Clifford, sal.	do.	11 50
735.	May 24.	E. M. Copps & Co., fuel.	do.	78 88
736.	May 24.	G. L. Culver, rep.	do.	1 25
737.	May 24.	Ginn & Co., T. B.	do.	25 92
738.	May 24.	A. G. Green & Co., misc.	do.	5 36
739.	May 24.	Frank E. Halladay, rep.	do.	50 00
740.	May 24.	Claudina Halverson, misc.	do.	13 50
741.	May 24.	D. C. Heath & Co., T. B.	do.	28 00
742.	May 24.	J. C. Heil, rep.	do.	10 50
743.	May 24.	Houghton, Mifflin & Co., T. B.	do.	9 70
744.	May 24.	Thomas Knott, sal.	do.	166 00
745.	May 24.	C. Krembs & Bro., rep. ect.	do.	36 92
746.	May 24.	H. D. McCulloch Co., misc. etc.	do.	14 05
747.	May 24.	F. H. Murray, misc.	do.	8 00
748.	May 24.	Mrs. Edith Olson, sal.	do.	25 00
749.	May 24.	Reading & Neuman, T. B. etc.	do.	8 75
750.	May 24.	John F. Sims, misc.	do.	19 80
751.	May 24.	J. B. Sullivan & Co., rep.	do.	2 45
752.	May 24.	B. L. Vaughn, misc.	do.	2 75
753.	May 24.	Wisconsin Telephone Co. misc.	do.	3 20
754.	May 24.	Wisconsin Telephone Co., misc.	do.	3 70
755.	May 24.	Pay Roll, sals.	Superior	2,612 85
756.	May 24.	Flov M. Bennett, sal.	do.	120 00
757.	May 24.	Lillie Berg, misc.	do.	5 00
758.	May 24.	W. M. Edmont, sta.	do.	1 50
759.	May 24.	Evening Telegram Co., sta.	do.	18 75

List of Vouchers Paid, 1906-1907.

760.	May 24.	E. M. Gilbert, sal.....	Superior	\$135 00
761.	May 24.	Johnson Service Co., rep.....	do.....	1 78
762.	May 24.	Lake Neb. Ice Co., misc.....	do.....	1 40
763.	May 24.	Lucy A. Leonard, misc.....	do.....	2 12
764.	May 24.	Library Bureau, R. B.....	do.....	12 00
765.	May 24.	V. E. McCaskill, sta. etc.....	do.....	16 13
766.	May 24.	V. E. McCaskill, misc.....	do.....	24 12
767.	May 24.	F. R. Mann, rep.....	do.....	2 50
769.	May 24.	R. C. Mast, sta. etc.....	do.....	6 50
769.	May 24.	Jettie Moran, sal.....	do.....	40 00
770.	May 24.	Wm. O'Connor, misc.....	do.....	9 13
771.	May 24.	Parker Educational Co., misc.....	do.....	4 25
772.	May 24.	Pease Hardware Co., rep.....	do.....	2 69
773.	May 24.	People's Telephone Co., misc.....	do.....	9 00
774.	May 24.	Theo. Presser, T. B.....	do.....	34 25
775.	May 24.	The J. L. Ross Co., rep.....	do.....	3 00
776.	May 24.	Willard Ryan, rep.....	do.....	7 35
777.	May 24.	Otto Schmidt, rep.....	do.....	7 00
778.	May 24.	Silver, Burdette & Co., T. B.....	do.....	97
779.	May 24.	Superior Hardware Co., rep. etc.....	do.....	46 40
780.	May 24.	Superior W. L. & P. Co., W. R., etc.....	do.....	44 60
781.	May 24.	Pay Roll, sals.....	Whitewater	3,193 25
782.	May 24.	C. M. Barnes Co., T. B.....	do.....	39 29
783.	May 24.	H. F. Buening, rep.....	do.....	1 75
784.	May 24.	Chas. Inman, misc.....	do.....	29 81
785.	May 24.	The Macmillan Co., T. B.....	do.....	21 00
786.	May 25.	A. C. Mc'burg Co., R. B.....	do.....	14 28
787.	May 24.	Fred Medart, furn.....	do.....	39 40
788.	May 24.	Parker Educational Co., misc.....	do.....	4 25
790.	May 24.	Geo. W. Wagner, sal.....	do.....	10 00
790.	May 24.	Whitewater Electric Light Co., light.....	do.....	11 25
791.	May 24.	The Whitewater Register Co., ptg.....	do.....	263 25
792.	May 24.	Whitewater Water Works Co., W. R.....	do.....	100 00
793.	May 24.	Wisconsin Telephone Co., misc.....	do.....	2 95
794.	May 24.	A. Zelig, rep.....	do.....	3 60
795.	May 24.	May Buchanan, gen. exps.....	Board	60 00
796.	May 24.	William Kittle, Secy's sal. & exps.....	do.....	156 25
Total audit, May 24th, 1907.....				\$23,317 62

No.	Date.	Name.	City.	Amount.
797.	June 25.	Pay Roll, sals.....	Milwaukee	8,408 00
798.	June 25.	American Museum Natural History, A. & C.....	do.....	11 25
799.	June 25.	Julius Andre & Sons, misc.....	do.....	1 50
800.	June 25.	Bausch & Lomb Optical Co., misc.....	do.....	4 54
801.	June 25.	Bausch & Lomb Co., A. & C.....	do.....	65 63
802.	June 25.	J. S. Bletcher & Co., Ptg.....	do.....	63 50
803.	June 25.	J. S. Bletcher & Co., sta.....	do.....	6 00
804.	June 25.	J. B. Bradford Piano Co., misc.....	do.....	3 00
805.	June 25.	F. H. Bresler Co., R. B.....	do.....	25 00
806.	June 25.	H. C. Buell, misc.....	do.....	23 12
807.	June 25.	Maud Burdick, misc.....	do.....	3 68
808.	June 25.	N. A. Busswitz, misc.....	do.....	3 70
809.	June 25.	E. C. Case.....	do.....	1 00
810.	June 25.	Evangeline Chapman, misc.....	do.....	6 24
811.	June 25.	Chicago News Co., R. B.....	do.....	3 29
812.	June 25.	Prof. S. H. Clark, misc.....	do.....	25 00
813.	June 25.	Columbia College of Expression, T. B.....	do.....	5 40
814.	June 25.	Dixon-Hanson Co., R. B.....	do.....	16 50
815.	June 25.	Drake Brothers Co., misc.....	do.....	8 23
816.	June 25.	Drake Bros., misc.....	do.....	10 99
817.	June 25.	Espenhain Dry Goods Co. misc.....	do.....	4 93
818.	June 25.	C. W. Fisher Furniture Co., furn.....	do.....	90 00
819.	June 25.	Gas Consumers Association, misc.....	do.....	3 00
820.	June 25.	Gimbel Bros., misc.....	do.....	28 80
821.	June 25.	Gimbel Bros., misc.....	do.....	11 10
822.	June 25.	Lucine T. Golud, misc & rep.....	do.....	9 59
823.	June 25.	Grand Ave. Cong. Church, misc.....	do.....	20 00
824.	June 25.	Graumiaux News & Subscription Co., R. B.....	do.....	39 85
825.	June 25.	Robert W. Hegner, A. & C.....	do.....	11 00
827.	June 25.	H. H. Heiman & Co., misc.....	do.....	6 45
828.	June 25.	Hendee-Bamford-Crandall Co., R. B. & c.....	do.....	89 90

List of Vouchers Paid, 1906-1907.

829.	June 25.	Hendee-Bamford-Crandall Co., sta.....Milwaukee	\$92 25
830.	June 25.	M. Hilty Lumber Co., rep.....do.....do.....	2 10
831.	June 25.	Hinds, Noble & Eldredge, T. B.....do.....do.....	3 18
832.	June 25.	B. Hoffman Mfg. Co., rep.....do.....do.....	17 20
833.	June 25.	W. C. Hoyce Co., A. & C.....do.....do.....	15 15
834.	June 25.	Independent Oil & Grease Co., mis.....do.....do.....	10 50
835.	June 25.	Independent Oil & Grease Co., misc.....do.....do.....	12 75
836.	June 25.	Johnson Service Co., misc.....do.....do.....	1 25
837.	June 25.	Albert Kelly, misc.....do.....do.....	19 00
838.	June 25.	Keystone View Co., A. & C.....do.....do.....	17 20
839.	June 25.	F. Knore, misc.....do.....do.....	56 28
840.	June 25.	B. K. Kocik, rep.....do.....do.....	2 00
841.	June 25.	Lamberton & Kalvelage, mis. & sta.....do.....do.....	3 90
842.	June 25.	Library Bureau, R. R.....do.....do.....	9 30
843.	June 25.	T. H. McAllister Co., A. & C.....do.....do.....	19 20
844.	June 25.	A. C. McClurg & Co., R. B.....do.....do.....	37 79
845.	June 25.	A. C. McClurg & Co.....do.....do.....	60 19
846.	June 25.	Chas. McKenney, misc.....do.....do.....	21 81
847.	June 25.	Chas. McKenney, misc. &c.....do.....do.....	21 94
848.	June 25.	Chas. McKenney, sta.....do.....do.....	35 00
849.	June 25.	Chas. McKenney, misc. &c.....do.....do.....	17 30
850.	June 25.	Irving E. Miller, misc.....do.....do.....	4 04
851.	June 25.	Milwaukee Dustless Brush Co., misc.....do.....do.....	5 00
852.	June 25.	Milwaukee Dustless Brush Co., misc.....do.....do.....	8 50
853.	June 25.	Milwaukee Gas Light Co., light.....do.....do.....	19 56
854.	June 25.	Milwaukee Gas Light Co., light.....do.....do.....	15 33
855.	June 25.	Milwaukee Sentinel, R. B.....do.....do.....	12 17
856.	June 25.	Milwaukee Western Fuel Co., fuel.....do.....do.....	180 07
857.	June 25.	Milwaukee Western Fuel Co., fuel.....do.....do.....	145 83
858.	June 25.	I. N. Mitchell, A. & C.....do.....do.....	10 00
859.	June 25.	I. N. Mitchell, misc.....do.....do.....	10 62
860.	June 25.	I. N. Mitchell, misc.....do.....do.....	3 90
861.	June 25.	Northwestern Furniture Co., furn.....do.....do.....	75 50
862.	June 25.	C. E. Patzer, misc.....do.....do.....	11 37
863.	June 25.	Phillip Gross Hdw. Co., misc.....do.....do.....	5 04
864.	June 25.	Phillip Gross Hdw. Co., misc.....do.....do.....	27 15
865.	June 25.	Remington Typewriter Co., sta.....do.....do.....	5 31
866.	June 25.	Henry Reimers, A. & C.....do.....do.....	2 49
867.	June 25.	C. H. Sears, misc.....do.....do.....	1 92
868.	June 25.	Geo. Shrosbee, A. & C.....do.....do.....	40 45
869.	June 25.	Geo. Shrosbee A. & C.....do.....do.....	3 10
870.	June 25.	Siekert & Bauer Stationery Co., sta.....do.....do.....	13 45
871.	June 25.	Standard Paper Co., sta.....do.....do.....	16 06
872.	June 25.	Wm. Steimmeyer, misc.....do.....do.....	20 75
873.	June 25.	Herman J. Stoltz, misc.....do.....do.....	6 85
874.	June 25.	Nina C. Vanderwalker, misc.....do.....do.....	2 96
875.	June 25.	F. L. Vogel Sons, rep.....do.....do.....	17 31
876.	June 25.	S. Weincopf, rep.....do.....do.....	6 45
877.	June 25.	H. H. West Co., misc., sta.....do.....do.....	15 85
878.	June 25.	Wisconsin School Supply Co.....do.....do.....	7 00
879.	June 25.	Wisconsin Telephone Co.....do.....do.....	18 00
880.	June 25.	Wisconsin Workshop for Blind, misc.....do.....do.....	4 10
881.	June 25.	Wisconsin Workshop for Blind, misc.....do.....do.....	4 50
882.	June 25.	Yahr & Lang Drug Co., misc.....do.....do.....	12 81
883.	June 25.	Yahr & Lang Drug Co., misc.....do.....do.....	24 34
884.	June 25.	Pay Roll, sals.....Oshkosh	\$4,780 50
885.	June 25.	Allen & Weidner Co., sta.....do.....do.....	24 60
886.	June 25.	American Book Co., T. B.....do.....do.....	59 16
887.	June 25.	American Express Co.....do.....do.....	5 15
888.	June 25.	Howard Anderson, misc.....do.....do.....	2 75
889.	June 25.	Atkinson, Mentzer & Grover, T. B.....do.....do.....	5 44
890.	June 25.	Babcock-Goodwell Piano Co., furn.....do.....do.....	150 00
891.	June 25.	Don P. Birdsall, sals.....do.....do.....	20 00
892.	June 25.	Campbell & Cameron Co., fuel.....do.....do.....	5 25
893.	June 25.	E. C. Case, T. B.....do.....do.....	10 00
894.	June 25.	Castle-Pierce Printing Co., sta.....do.....do.....	19 45
895.	June 25.	Central Construction Co., rep.....do.....do.....	7 71
896.	June 25.	Cook & Brown Lime Co., fuel.....do.....do.....	330 69
897.	June 25.	Elizabeth R. Crawford, sal.....do.....do.....	3 00
898.	June 25.	Elizabeth R. Crawford, sal.....do.....do.....	10 95
899.	June 25.	Elmer & Amend, A. & C.....do.....do.....	35 97
900.	June 25.	George Fridley, misc.....do.....do.....	2 50
901.	June 25.	R. H. Halsey, misc.....do.....do.....	21 64
902.	June 25.	R. H. Halsey, rep. &c.....do.....do.....	15 37

List of Vouchers Paid, 1906-1907.

903.	June 25.	R. H. Halsey, misc.....	Oshkosh	\$16 24
904.	June 25.	R. H. Halsey, misc.....	do.....	30 00
905.	June 25.	L. D. Harvey, misc.....	do.....	50 00
906.	June 25.	D. C. Heath & Co., T. B.....	do.....	5 35
907.	June 25.	S. Heymann Co., misc.....	do.....	1 50
908.	June 25.	J. I. Holcomb Mfg., misc.....	do.....	38.00
909.	June 25.	Frank M. Karnes, misc.....	do.....	2 85
910.	June 25.	Alvin Kellett, sals.....	do.....	76 21
911.	June 25.	Amanda L. Kiekhoefer, sals.....	do.....	7 20
912.	June 25.	Fred Kuebler, Jr., misc.....	do.....	3 65
913.	June 25.	F. M. Lampson, rep.....	do.....	2 25
914.	June 25.	Addie Libert, sals.....	do.....	8 80
915.	June 25.	Macmillan Company, T. B.....	do.....	3 80
916.	June 25.	A. C. McClurg & Co.....	do.....	46 46
917.	June 25.	A. C. McClurg Co., R. B.....	do.....	1 87
918.	June 25.	Medberry Feindeisen Co., sta.....	do.....	11 00
919.	June 25.	Miles Company, misc.....	do.....	7 80
920.	June 25.	Jesse E. Moore, misc.....	do.....	1 25
921.	June 25.	Wm. Morgan, misc.....	do.....	3 40
922.	June 25.	Oshkosh Gat Lt. Co., light &c.....	do.....	27 70
923.	June 25.	Oshkosh Gas Lt. Co., light &c.....	do.....	13 61
924.	June 25.	Paine Lumber Co., misc.....	do.....	7 46
925.	June 25.	Parker Educational Co., misc.....	do.....	8 50
926.	June 25.	F. A. Plummer Co., misc.....	do.....	9 48
927.	June 25.	Post Publishing Co., T. B.....	do.....	172 55
928.	June 25.	Queen Co., A. & C.....	do.....	18 00
929.	June 25.	Benj. H. Sanborn Co., T. B.....	do.....	11 05
930.	June 25.	Reginald Sanders, sals.....	do.....	6 00
931.	June 25.	Ernest Saran, sta.....	do.....	3 60
932.	June 25.	E. L. Schroeder, sals.....	do.....	13 50
933.	June 25.	Verner Scott, misc.....	do.....	25 00
934.	June 25.	Verner Scott, sals.....	do.....	18 75
935.	June 25.	Marie Sherburne, sta.....	do.....	25 62
936.	June 25.	Silver-Burdett & Co., T. B.....	do.....	30 52
937.	June 25.	Tabard Inn Library, R. S.....	do.....	10 40
938.	June 25.	E. W. Tilton, rep.....	do.....	1 50
939.	June 25.	Ethel Tower, sals.....	do.....	5 00
940.	June 25.	Toner Plumbing & Heating Co.....	do.....	24 42
941.	June 25.	Albert A. Trojahn, misc.....	do.....	7 50
942.	June 25.	Vashti L. Skidmore, sals.....	do.....	14 00
943.	June 25.	Charles H. Velte, sals.....	do.....	20 00
944.	June 25.	Theodore Watermolen, misc.....	do.....	4 38
945.	June 25.	Geb. Wehrwein, sals.....	do.....	6 00
946.	June 25.	Bert W. Wells, sals.....	do.....	10 00
947.	June 25.	Western Union Telegraph Co., misc.....	do.....	2 18
948.	June 25.	Katherine H. Williamson, sals.....	do.....	10 00
949.	June 25.	E. S. Wilson, furniture.....	do.....	1 75
950.	June 25.	Wisconsin Telephone Co., mis.....	do.....	5 20
951.	June 25.	Pay Roll, sals.....	Platteville	3,010 00
952.	June 25.	Nathan Asby, rep.....	do.....	13 00
953.	June 25.	W. H. Beebe, misc.....	do.....	9 00
954.	June 25.	Belcher & Loomis Hdw. Co.....	do.....	4 53
955.	June 25.	Belle Burke, misc.....	do.....	9 55
956.	June 25.	Central Scientific Co., A. & C.....	do.....	7 50
957.	June 25.	Chandler & Barber, A. & C.....	do.....	3 56
958.	June 25.	Clifford Burns, sals.....	do.....	2 85
959.	June 25.	E. M. Cerkert, misc.....	do.....	3 00
960.	June 25.	B. J. Davey, rep.....	do.....	5 00
961.	June 25.	R. I. Dugdale, sta.....	do.....	11 60
962.	June 25.	Dwyer Plumbing & Heating Co., bldg.....	do.....	425 00
963.	June 25.	W. J. Eberwein, misc.....	do.....	40 39
964.	June 25.	Experiment Board, misc.....	do.....	9 00
965.	June 25.	J. E. Fawcett, A. & C.....	do.....	2 70
966.	June 25.	J. E. Fawcett Co., misc.....	do.....	3 45
967.	June 25.	Sam Frankenstein, misc.....	do.....	18 96
968.	June 25.	Gain Bros., A. & C.....	do.....	3 95
969.	June 25.	B. A. Gardner, sta.....	do.....	7 00
970.	June 25.	C. E. Gilmore, sta.....	do.....	12 20
971.	June 25.	C. H. Gribble, sta.....	do.....	2 25
972.	June 25.	W. F. Grindell & Co., furniture.....	do.....	25 00
973.	June 25.	W. H. Guilford, sals.....	do.....	10 00
974.	June 25.	J. M. Harcard, misc.....	do.....	2 00
975.	June 25.	John Heldinger, A. & C.....	do.....	1 00
976.	June 25.	Phil D. Hendershot, misc.....	do.....	13 29

List of Vouchers Paid, 1906-1907.

977.	June 25.	Mrs. Lena Henry, sals.....	Platteville	\$25 00
978.	June 25.	Mrs. Lena Henry, sals.....	do.....	8 25
979.	June 25.	Chas. Howard, misc.....	do.....	6 80
980.	June 25.	S. C. Johnson & Son, A. & C.....	do.....	2 05
981.	June 25.	S. C. Johnson & Son, A. & C.....	do.....	1 50
982.	June 25.	Thos. Jones, sals.....	do.....	4 00
983.	June 25.	W. J. Livingston, misc.....	do.....	9 90
984.	June 25.	Lusky, White & Coddige, A. & C.....	do.....	2 05
985.	June 25.	Mandel Engraving Co., prtg.....	do.....	20 58
986.	June 25.	A. C. McClurg & Co., T. B.....	do.....	1 00
987.	June 25.	A. C. McClurg & Co., T. B. & c.....	do.....	10 37
988.	June 25.	Jas. F. McGranahan, misc.....	do.....	11 60
989.	June 25.	McIntosh Stereoptican Co., A. & C.....	do.....	2 00
990.	June 25.	Moore, Bond & Co., A. & C.....	do.....	12 40
991.	June 25.	A. H. Nehls & Co., furniture.....	do.....	0 00
992.	June 25.	A. H. Nehls & Co., sta.....	do.....	24 30
993.	June 25.	A. H. Nehls & Co., misc.....	do.....	4 07
994.	June 25.	A. H. Nehls & Co., misc.....	do.....	5 49
995.	June 25.	Platteville Lumber & Fuel Co., fuel.....	do.....	398 88
996.	June 25.	Edward Keogh Press, prtg.....	do.....	198 27
997.	June 25.	Will M. Rindlaub, prtg.....	do.....	23 50
998.	June 25.	Geo. M. Reed, misc.....	do.....	75
999.	June 25.	V. M. Russell, A. & C.....	do.....	18 00
1000.	June 25.	E. H. Sargent & Co., A. & C.....	do.....	94
1001.	June 25.	Henry Schambow, misc.....	do.....	19 90
1002.	June 25.	Sherwin & Williams Co., A. & C.....	do.....	79
1003.	June 25.	J. A. Silver, building.....	do.....	2,550 00
1004.	June 25.	H. J. Smiley, rep.....	do.....	23 25
1005.	June 23.	Smiley & Marshall, building.....	do.....	5 50
1006.	June 25.	John Stark, misc.....	do.....	5 50
1007.	June 25.	Chas. A. Strelinger Co., A. &.....	do.....	1 18
1008.	June 25.	A. L. Tarrell, sals.....	do.....	50 00
1009.	June 25.	Underwood & Underwood, A. & C.....	do.....	8 26
1010.	June 25.	Benj. Webster, sta.....	do.....	5 50
1011.	June 25.	C. Wettenhiller, misc.....	do.....	2 00
1012.	June 25.	Pay Roll, sal.....	River Falls	2,680 00
1013.	June 25.	J. W. Ames, Treas., misc.....	do.....	7 00
1014.	June 25.	Allward, Stewart Co., misc.....	do.....	26 11
1015.	June 25.	F. L. Baker A. & C. & c.....	do.....	15 53
1016.	June 25.	W. J. Briar, misc.....	do.....	13 43
1017.	June 25.	A. E. Chapman, rep.....	do.....	1 20
1018.	June 25.	City of River Falls, light.....	do.....	156 63
1019.	June 25.	Clark Engraving & Print. Co., ptg.....	do.....	235 00
1020.	June 25.	Edna Somstock, sals.....	do.....	10 00
1021.	June 25.	Dunn Bros.....	do.....	2 20
1022.	June 25.	Geo. J. Dodge & Son, misc.....	do.....	2 40
1023.	June 25.	R. S. Freeman & Son, misc.....	do.....	7 35
1024.	June 25.	Wm. A. French & Co., furniture.....	do.....	4 00
1025.	June 25.	C. C. Glass, sta.....	do.....	40 00
1026.	June 25.	C. C. Glass, P. M., misc.....	do.....	82 56
1027.	June 25.	Jane I. Hegner, misc.....	do.....	2 90
1028.	June 25.	Mrs. Wm. Hodge, misc.....	do.....	16 95
1029.	June 25.	R. N. Jensen, misc.....	do.....	13 15
1030.	June 25.	J. H. Johnson, misc.....	do.....	1 90
1031.	June 25.	D. E. Jones, rep.....	do.....	5 10
1032.	June 25.	E. E. & H. L. Levings, misc.....	do.....	1 45
1033.	June 25.	A. W. Lund, misc.....	do.....	18 48
1034.	June 25.	A. C. McClurg & Co., R. B.....	do.....	45 18
1035.	June 25.	C. R. Morse, sta & c.....	do.....	50 40
1036.	June 25.	O. W. Newcomb, furniture & c.....	do.....	13 23
1037.	June 25.	Norseng Bros, misc.....	do.....	5 42
1038.	June 25.	Pierce Co., Tele. Co. misc.....	do.....	15 00
1039.	June 25.	Helen D. Pratt, sal.....	do.....	7 50
1040.	June 25.	River Falls Prtg. Co., sta. & c.....	do.....	14 60
1041.	June 25.	Do rothy Rogers sals.....	do.....	10 90
1042.	June 25.	M. D. Savage, fuel.....	do.....	147 43
1043.	June 25.	Mary Scott, misc.....	do.....	16 09
1044.	June 25.	Martin Stenerson, sta.....	do.....	2 50
1045.	June 25.	C. H. Stoelting Co., A. & C.....	do.....	16 86
1046.	June 25.	F. W. Sturtevant, misc.....	do.....	19 37
1047.	June 25.	St. Paul Book & Stationery Co., sta.....	do.....	8 00
1048.	June 25.	Subscription News Co., R. B.....	do.....	77 00
1049.	June 25.	Arthur Symes, misc.....	do.....	25 00
1050.	June 25.	Bert Symes, building.....	do.....	12 00

REGENTS OF NORMAL SCHOOLS.

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List of Vouchers Paid, 1906-1907.

1051.	June 25.	S. Edith Tood, misc.....	River Falls	\$1 00
1052.	June 25.	Waldorf Bindery Co., R. B.....	do....	12 60
1053.	June 25.	The Western News Co., misc.....	do....	1 12
1054.	June 25.	Western Union Tele. Co. misc.....	do....	1 45
1055.	June 25.	Wilson Bros., misc.....	do....	2 85
1056.	June 25.	C. F. Winter, rep.....	do....	5 70
1057.	June 25.	Pay Roll, sals.....	Stevens Point	3,167 00
1058.	June 25.	Genevieve Clifford, misc.....	do....	6 00
1059.	June 25.	E. M. Copps & Co., fuel.....	do....	124 78
1060.	June 25.	Democrat Printing Co., R.B. &c.....	do....	27 15
1061.	June 25.	W. H. Drissen, misc.....	do....	31 72
1062.	June 25.	G. P. Engelhard & Co., sta.....	do....	21 00
1063.	June 25.	French & Campbell, R. B.....	do....	9 60
1064.	June 25.	The Gazette, ptg.....	do....	24 60
1065.	June 25.	John Grimer, rep.....	do....	28 95
1066.	June 25.	Gross & Jacobs, misc.....	do....	12 95
1067.	June 25.	Claudine Halverson, misc.....	do....	6 00
1068.	June 25.	Chas. Helm, misc.....	do....	5 00
1069.	June 25.	Chas. Helm, misc.....	do....	9 05
1070.	June 25.	Johnson Service Co., misc.....	do....	9 55
1071.	June 25.	Thomas A. Knott, sal.....	do....	140 00
1072.	June 25.	C. Krembs & Bro.....	do....	3 08
1073.	June 25.	W. E. Macklin, misc.....	do....	26 10
1074.	June 25.	Peter Majerus, rep.....	do....	9 63
1075.	June 25.	Peter Majerus, rep.....	do....	11 12
1076.	June 25.	H. D. McCulloch, misc., sta.....	do....	8 92
1077.	June 25.	E. McGlachlin, misc.....	do....	6 50
1078.	June 25.	McKinley Publishing Co., furn.....	do....	2 00
1079.	June 25.	Josephine Miaski, rep.....	do....	2 75
1080.	June 25.	Carrie E. Morgan, misc.....	do....	21 87
1081.	June 25.	F. H. Murray, misc.....	do....	19 22
1082.	June 25.	National Express Co., sta &c.....	do....	6 35
1083.	June 25.	Queen & Co., A. & C.....	do....	4 49
1084.	June 25.	Chas Scribner's Sons, T. B.....	do....	6 95
1085.	June 25.	John F. Sims, misc.....	do....	58 18
1086.	June 25.	John F. Sims, misc.....	do....	34 61
1087.	June 25.	Stevens Pt. Water Co. W. R.....	do....	100 00
1088.	June 25.	Stevens Point Ltg. Co., light.....	do....	78 73
1089.	June 25.	J. B. Sullivan & Co., rep.....	do....	20 99
1090.	June 25.	U. S. Express Co., misc. c.....	do....	7 20
1091.	June 25.	Vetter Mfg. Co., misc. & furn.....	do....	44 63
1092.	June 25.	Wisconsin Tel. Co., misc.....	do....	5 25
1093.	June 25.	Pay Roll, sals.....	Superior	\$2,620 00
1094.	June 25.	F. R. Albright, rep.....	do....	6 50
1095.	June 25.	Bemis Bag & Paper Co., sta.....	do....	3 00
1096.	June 25.	Floy M. Bennett, sal.....	do....	129 00
1097.	June 25.	Josephine Benson, misc.....	do....	21 08
1098.	June 25.	Lillie Berg, misc.....	do....	2 00
1099.	June 25.	The Book Shop Bindery, R. B.....	do....	76 29
1100.	June 25.	Brown-Yale Co., misc.....	do....	8 65
1101.	June 25.	Stewart Chandlers, rep.....	do....	6 39
1102.	June 25.	Thos. Charles Co., misc.....	do....	11 16
1103.	June 25.	Stanley Currie, rep.....	do....	2 45
1104.	June 25.	Evening Telegram Co., prtg. & sta.....	do....	212 00
1105.	June 25.	E. M. Gilbert, sal.....	do....	135 00
1106.	June 25.	James Guillot, rep.....	do....	18 99
1107.	June 25.	Gitchie Gumee, misc.....	do....	10 00
1108.	June 25.	J. I. Holcomb Mfg. Co., A. & C.....	do....	1 45
1109.	June 25.	H. H. Howell, misc.....	do....	23 00
1110.	June 25.	Ethel Kiever, misc.....	do....	3 69
1111.	June 25.	Lake Superior Bag Co., sta.....	do....	1 93
1112.	June 25.	Lake Superior Bag Co., misc. & sta.....	do....	5 50
1113.	June 25.	Lake Nebegamain Ice Co., misc.....	do....	3 50
1114.	June 25.	Luce Leonard, misc.....	do....	4 03
1115.	June 25.	Lightbody-Wingate Co., misc.....	do....	4 50
1116.	June 25.	Lightbody-Wingate Co., misc.....	do....	1 91
1117.	June 25.	F. Lowell, misc.....	do....	33 10
1118.	June 25.	F. R. Mann, rep.....	do....	4 00
1119.	June 25.	V. E. McCaskill, misc.....	do....	58 00
1120.	June 25.	V. E. McCaskill, A. & C. sta &c.....	do....	22 65
1121.	June 25.	V. E. McCaskill, rep.....	do....	10 75
1122.	June 25.	McMullen Bros., R. B. &c.....	do....	6 26
1123.	June 25.	J. A. Merrill, sta.....	do....	8 11

List of Vouchers Paid, 1906-1907.

1124.	June 25.	Anthony Metzger, misc.....	Superior	\$4 39
1125.	June 25.	C. W. Monty, misc.....	do....	10 84
1126.	June 25.	Jettie Moran, R. B.....	do....	20 00
1127.	June 25.	Wm. O'Connor, misc.....	do....	16 31
1128.	June 25.	Wm. O'Connor, misc.....	do....	10 31
1129.	June 25.	R. W. Patridge & Co., furn.....	do....	12 32
1130.	June 25.	Parker Educational Co., misc.....	do....	8 50
1131.	June 25.	Irene Pattison, misc.....	do....	1 00
1132.	June 25.	Remington Typewriter Co., rep.....	do....	85
1133.	June 25.	Tros. Roen, sta.....	do....	1 75
1134.	June 25.	Rogers-Ruges Lumber Co., misc.....	do....	3 24
1135.	June 25.	Rogers-Ruges Lumber Co., rep.....	do....	1 70
1136.	June 25.	Roch Bros., misc.....	do....	4 10
1137.	June 25.	Russell Creamery Co., misc.....	do....	8 84
1138.	June 25.	Russell Bros., sta.....	do....	4 60
1139.	June 25.	Willard Ryan, rep.....	do....	7 32
1140.	June 25.	Otto Schmidt, rep.....	do....	3 50
1141.	June 25.	Howard L. Schug, rep.....	do....	25 32
1142.	June 25.	Eva Setter, misc.....	do....	1 00
1143.	June 25.	Silver Tonsberg Co., ptg.....	do....	30 00
1144.	June 25.	Silver Tonsberg Co.....	do....	5 00
1145.	June 25.	Mildred Smith, misc.....	do....	1 00
1146.	June 25.	Superior Hdw. Co., rep.....	do....	29 95
1147.	June 25.	Water Light & Power Co., fuel, ltg.....	do....	67 49
1148.	June 25.	G. Tjeusvold, misc.....	do....	21 70
1149.	June 25.	White-Smith Music Co., T. B.....	do....	2 63
1150.	June 25.	Pay Roll, sals.....	Whitewater	\$3,145 00
1151.	June 25.	American Crayon Company, misc.....	do....	5 00
1152.	June 25.	Henry Baade, misc.....	do....	6 36
1153.	June 25.	F. R. Bloodgood, sta.....	do....	4 09
1154.	June 25.	Thos. Charles Co., misc.....	do....	6 62
1155.	June 25.	Coppins & Smith, rep., furn &c.....	do....	4 15
1156.	June 25.	The J. C. Coxo Co., misc.....	do....	8 10
1157.	June 25.	Crane & McGlenen, misc.....	do....	5 00
1158.	June 25.	Currie Brothers, misc.....	do....	11 05
1159.	June 25.	L. A. Duffin Co., rep.....	do....	2 20
1160.	June 25.	Hattie Foote, sals.....	do....	2 60
1161.	June 25.	Leo. P. Fox, misc.....	do....	18 75
1162.	June 25.	Garden City Educational Co., misc.....	do....	21 77
1163.	June 25.	Ginn & Co., T. B.....	do....	3 75
1164.	June 25.	Margaret Hewitt, sals.....	do....	1 40
1165.	June 25.	Tillie A. Holm, sals.....	do....	19 00
1166.	June 25.	Johnson & Callahan, misc.....	do....	12 51
1167.	June 25.	Ed. Joslin, sta. &c.....	do....	12 72
1168.	June 25.	Library Bureau, sta.....	do....	10 69
1169.	June 25.	A. C. McClurg & Co., R. B.....	do....	32 55
1170.	June 25.	Fred Medart, furn.....	do....	5 60
1171.	June 25.	Leo. F. Millard, rep.....	do....	3 85
1172.	June 25.	Nan & Schmidt Music Co., T. B.....	do....	3 07
1173.	June 25.	H. J. O'Connor, sta. &c.....	do....	13 80
1174.	June 25.	Parker Educational Co., misc.....	do....	8 50
1175.	June 25.	Albert Phillips, misc.....	do....	5 00
1176.	June 25.	Albert Salisbury, misc. &c.....	do....	96 10
1177.	June 25.	Albert Salisbury, misc.....	do....	33 00
1178.	June 25.	Geo. W. Wagner, sals.....	do....	10 00
1179.	June 25.	Elizabeth Waters, misc.....	do....	19 19
1180.	June 25.	Theo. H. H. West Co., sta.....	do....	19 50
1181.	June 25.	Whitewater Electric Light Co., light.....	do....	15 75
1182.	June 25.	The Whitewater Register, ptg.....	do....	180 00
1183.	June 25.	The Whitewater Register, misc.....	do....	15 25
1184.	June 25.	Wisconsin Tel. Co.....	do....	2 70
1185.	June 25.	A. A. Upham, sal. & exp.....	Institute	\$12 34
1186.	June 25.	F. Vail, inc.....	do....	20 00
1187.	June 25.	May Buchanan, gen. exp.....	Board	60 00
1188.	June 25.	William Kittle, sec. serv.....	do....	150 00
1189.	June 25.	William Kittle, gen. exp.....	do....	127 67
1190.	June 25.	Mautz Bros., gen. exp.....	do....	6 00
1191.	June 25.	Geo. C. Sayle, gen. exp.....	do....	12 50
1192.	June 25.	O. J. Schuster, gen. exp.....	do....	10 50
1193.	June 27.	A. C. McClurg & Co., R. B.....	Milwaukee	13 97
1194.	June 27.	Beard Art & Sta. Co., furn.....	do....	17 00

List of Vouchers Paid, 1906-1907.

1195.	June 27.	Platteville El. Lt. & P. Co., lt.....	Platteville	72	23
1196.	June 27.	Baker & Taylor Co., R. B.....	River Falls	2	08
1197.	June 27.	A. C. McClurg & Co., R. B.....	do....	78	25
1198.	June 27.	A. C. McClurg & Co., R. B.....	do....	33	80
1199.	June 27.	National Educational Assoc., R. B.....	do....	2	00
1200.	June 27.	St. Paul & Western Coal Co., fuel.....	Superior	1,013	63
1201.	June 27.	C. P. Cary, reg. exp.....	Board	8	90
1202.	June 27.	C. H. Crownhart, reg. exp.....	do....	119	00
1203.	June 27.	F. D. Ensign, reg. exp.....	do....	113	20
1204.	June 27.	C. E. Gray, serv.....	do....	10	00
1205.	June 27.	John Harrington, reg. exp.....	do....	176	30
1206.	June 27.	C. D. McFarland, reg. exp.....	do....	140	85
1207.	June 27.	Thomas Morris, reg. exp.....	do....	74	01
1208.	June 27.	J. A. Peacock, reg. exp.....	do....	154	40
1209.	June 27.	John H. Roemer, reg. exp.....	do....	95	15
1210.	June 27.	Paul H. Tratt, reg. exp.....	do....	115	00
1211.	June 27.	Theodora W. Youmans, reg. exp.....	do....	72	45
1211. (A)	June 27.	Theodora W. Youmans, reg. exp.....	do....	18	95
1212.	June 27.	W. J. Brier, misc.....	do....	27	08
1213.	June 27.	R. H. Halsey, gen. exp.....	do....	13	15
1214.	June 27.	J. W. Livingston, gen. exp.....	do....	12	15
1215.	June 27.	V. E. McCaskill, gen. exp.....	do....	28	44
1216.	June 27.	Albert Salisbury, gen. exp.....	do....	35	58
1217.	June 27.	John F. Sims, gen. exp.....	do....	19	94
1218.	June 27.	Ch. Mil. & N. W. R. R. Co.....	do....	250	00
Total audit, June 25th and 27th, 1907.....				\$43,727	54
Total audit from February 8, 1907 to June 30, 1907, inclusive				\$173,554	33

List of Vouchers Paid, 1907-1908.

1907-1808.

The following is a complete list of the vouchers paid by authority of the Board of Regents of Normal Schools from July 1, 1907 to June 30, 1908 inclusive, which is followed by a schedule of classified expenditures for the annual period:

WILLIAM KITTLE,
SECRETARY.

No.	Date.	Name.	City.	Amount.
1219.	July 25.	Pay rolls, sals.	Milwaukee	\$245 00
1220.	July 25.	Milwaukee Water Works, wtr. rnt.	do.	73 90
1221.	July 25.	Milwaukee Gas Light Co., ltg.	do.	13 11
1222.	July 25.	Gas Consumers' Assoc., ltg.	do.	4 50
1223.	July 25.	Van Ryn & DeGeleke, bldg.	do.	1,000 00
1224.	July 25.	Pay roll, sals.	Oshkosh	2,620 00
1225.	July 25.	Ralph M. Burtis Co., rep.	do.	85 25
1226.	July 25.	Castle-Pierce Ptg. Co., sta.	do.	15 40
1227.	July 25.	B. Mack Dresden, sta.	do.	6 59
1228.	July 25.	S. Y. Gillan, ptg.	do.	36 00
1229.	July 25.	Ginn & Co., t. b.	do.	89 23
1230.	July 25.	Globe Printing Co., ptg.	do.	269 19
1231.	July 25.	Houghton, Mifflin & Co., t. b.	do.	50 16
1232.	July 25.	Hicks Printing Co.	do.	4 95
1233.	July 25.	National Educational Co., r. b.	do.	2 00
1234.	July 25.	A. C. McClurg & Co., r. b.	do.	37 60
1235.	July 25.	Frank Mallien, misc.	do.	2 75
1236.	July 25.	Oshkosh Gas Light Co., ltg.	do.	7 76
1237.	July 25.	Oshkosh Water Works Co., wtr. rnt.	do.	152 78
1238.	July 25.	V. M. Russell, misc.	do.	9 55
1239.	July 25.	Ernst Saran, sta.	do.	90
1240.	July 25.	Scott, Foresman & Co., t. b.	do.	12 96
1241.	July 25.	Tabard Inn Library, r. b.	do.	3 00
1242.	July 25.	Pay roll, sals.	Platteville	\$115 00
1243.	July 25.	City of Platteville, wtr. rnt.	do.	114 79
1244.	July 25.	J. W. Livingston, bldg.	do.	19 60
1245.	July 25.	A. C. McClurg, r. b.	do.	99 93
1246.	July 25.	Milwaukee Free Press Co., bldg.	do.	36 40
1247.	July 25.	J. A. Silver, bldg.	do.	1,500 00
1248.	July 25.	J. A. Silver, bldg.	do.	1,190 00
1249.	July 25.	Van Ryn & DeGeleke, bldg.	do.	700 00
1250.	July 25.	Pay roll, sals.	River Falls	\$205 00
1251.	July 25.	Laura F. Angell, misc.	do.	50 00
1252.	July 25.	W. J. Brier, misc.	do.	8 57
1253.	July 25.	W. J. Brier, misc.	do.	8 27
1254.	July 25.	City of River Falls, ltg.	do.	75 00
1255.	July 25.	Edna Comstock, misc.	do.	26 00
1256.	July 25.	I. I. Lusk, rep.	do.	23 55
1257.	July 25.	Dorothy Rogers, misc.	do.	26 00
1258.	July 25.	Bert Symes, bldg.	do.	417 81
1259.	July 25.	Van Ryn & DeGeleke, bldg.	do.	175 00

List of Vouchers Paid, 1907-1908.

1260.	July 25.	Pay roll, sals.....	Stevens Point	\$105 00
1261.	July 25.	Castle-Pierce Ptg. Co., ptg.....	do.....	190 52
1262.	July 25.	Gross & Jacobs, misc.....	do.....	59 38
1263.	July 25.	Frank S. Hyer, sals.....	do.....	33 00
1264.	July 25.	A. C. McClurg, r. b.....	do.....	65 48
1265.	July 25.	A. C. McClurg, r. b.....	do.....	34 77
1266.	July 25.	Peter Majerus, sals.....	do.....	50 00
1267.	July 25.	John F. Sims, misc.....	do.....	14 60
1268.	July 25.	A. G. Spalding & Bros., a. & c.....	do.....	9 00
1269.	July 25.	Pay roll, sals.....	Superior	\$1,287 33
1269a.	July 25.	Pay roll, sals.....	do.....	210 00
1270.	July 25.	Gust Anderson, rep.....	do.....	10 00
1271.	July 25.	Howard L. Schugg, rep.....	do.....	55 40
1272.	July 25.	Water, Light & Power Co., Itg.....	do.....	48 85
1273.	July 25.	Pay roll, sals.....	Whitewater	\$703 33
1273a.	July 25.	Pay roll, sals.....	do.....	180 00
1274.	July 25.	Hammacher, Schlemmer & Co., a. & c.....	do.....	12 60
1275.	July 25.	Geo. Shuttts, sals.....	do.....	55 00
1276.	July 25.	A. A. Upham, sta.....	do.....	18 42
1277.	July 25.	Whitewater Electric Ltg. Co., Itg.....	do.....	12 30
1278.	July 25.	Whitewater Register Co., sta.....	do.....	18 25
1279.	July 25.	William Kittle, Secy's exp. and office....	Board....	\$21 51
1280.	July 25.	William Kittle, Secy's services.....	do.....	166 63
1281.	July 25.	Vivian S. Baker, gen. exp.....	do.....	60 00
1282.	July 25.	Chi., Mil. & St. P. R. R. Co., gen. exp.....	do.....	200 00
1283.	July 25.	Dane County Tele. Co., gen. exp.....	do.....	8 00
Total audit, July 25th, 1907.....				\$13,162 70
No.	Date.	Name.	City.	Amount.
1284.	Aug. 28.	Pay roll, sals.....	Milwaukee	\$245 00
1285.	Aug. 28.	Wm. Froderman, rep.....	do.....	155 30
1286.	Aug. 28.	Hendee-Bamford-Crandall Co., ptg.....	do.....	143 75
1287.	Aug. 28.	Geo. Kelly, misc.....	do.....	18 90
1288.	Aug. 28.	Pay roll, sals.....	Oshkosh...	\$1,407 50
1289.	Aug. 28.	American Book Co., t. b.....	do.....	3 15
1290.	Aug. 28.	Ralph M. Burtis Co., rep.....	do.....	43 63
1291.	Aug. 28.	Clough & Co., rep.....	do.....	27 00
1292.	Aug. 28.	Cook & Brown Lime Co., fuel.....	do.....	477 24
1293.	Aug. 28.	M. A. Donohue & Co., r. b.....	do.....	12 00
1294.	Aug. 28.	W. A. Hayes, misc.....	do.....	32 79
1295.	Aug. 28.	W. C. Hewitt, sals.....	do.....	11 00
1296.	Aug. 28.	Louisiana Purchase Expo. Co., r. b.....	do.....	12 00
1297.	Aug. 28.	Marshall Field & Co., furn.....	do.....	40 00
1298.	Aug. 28.	Robena Rentz, sals.....	do.....	30 00
1299.	Aug. 28.	V. M. Russell, misc.....	do.....	7 75
1300.	Aug. 28.	Wm. Savage, rep.....	do.....	326 15
1301.	Aug. 28.	Wm. Savage, rep.....	do.....	65 00
1302.	Aug. 28.	Pay roll, sals.....	Platteville.	\$235 00
1303.	Aug. 28.	Edward Agan, bld.....	do.....	5 63
1304.	Aug. 28.	Floyd Churchill, bld.....	do.....	32 00
1305.	Aug. 28.	B. J. Davey, rep.....	do.....	31 00
1306.	Aug. 28.	Geo. Dobson, bldg.....	do.....	14 80
1307.	Aug. 28.	Robt. Dugdale, bld.....	do.....	10 40
1308.	Aug. 28.	Clement Euloe, bld.....	do.....	15 80
1309.	Aug. 28.	Geo. Fox & Son, bld.....	do.....	4 70
1310.	Aug. 28.	Geneva Optical Co., a. & c.....	do.....	21 68
1311.	Aug. 28.	Chas. Guilford, bld.....	do.....	5 00
1312.	Aug. 28.	Lillian Hammers, sals.....	do.....	45 00
1313.	Aug. 28.	Roland Harvey, bld.....	do.....	9 80
1314.	Aug. 28.	Mrs. Lena Henry, misc.....	do.....	8 75
1315.	Aug. 28.	Richard Howe, bld.....	do.....	1 80
1316.	Aug. 28.	Chas. Howard, bld.....	do.....	140 88
1317.	Aug. 28.	Thos. Kinsman, bld.....	do.....	7 80
1318.	Aug. 28.	Curtis Livingston, bld.....	do.....	82 00
1319.	Aug. 28.	Kingsley Livingston, bld.....	do.....	12 00
1320.	Aug. 28.	Jas. McGranohan, bld.....	do.....	17 00
1321.	Aug. 28.	L. Manasse, a. & c.....	do.....	8 05
1322.	Aug. 28.	Herman Mueller, bld.....	do.....	8 80

List of Vouchers Paid, 1907-1908.

1323.	Aug. 28.	A. H. Nehls & Co., bld.	Platteville.	523 95
1328.	Aug. 28.	Lloyd Schmidt, bld.	do.	4 00
1324.	Aug. 28.	Carl Poland, bld.	do.	16 80
1325.	Aug. 28.	John Reid, bld.	do.	11 25
1326.	Aug. 28.	Chris. Reidi, bld.	do.	7 00
1327.	Aug. 28.	John W. Rose, bld.	do.	200 00
1329.	Aug. 28.	J. A. Silver, bld.	do.	800 00
1350.	Aug. 28.	J. A. Silver, bld.	do.	420 00
1351.	Aug. 28.	Smiley & Marshall, bld.	do.	292 20
1352.	Aug. 28.	Smiley & Marshall, bld.	do.	191 52
1353.	Aug. 28.	Chris. Staheli, bld.	do.	7 00
1334.	Aug. 28.	Pay roll, sals.	River Falls	\$216 25
1335.	Aug. 28.	Laura Angell, misc.	do.	37 50
1336.	Aug. 28.	August Beorn, bld.	do.	28 80
1337.	Aug. 28.	W. J. Briar, misc.	do.	15 17
1338.	Aug. 28.	Carnegie Library of Pittsburg, r. b.	do.	2 45
1339.	Aug. 28.	Edna Comstock, misc.	do.	9 00
1340.	Aug. 28.	Consolidated Lumber Co., fuel.	do.	162 88
1341.	Aug. 28.	M. S. Frawley, misc.	do.	19 61
1342.	Aug. 28.	John C. Hanson, bld.	do.	5,000 00
1343.	Aug. 28.	Marshal Field Co., furn.	do.	115 98
1344.	Aug. 28.	Dorothy Rogers, misc.	do.	9 00
1345.	Aug. 28.	F. W. Sturtevant & Co., furn.	do.	58 35
1346.	Aug. 28.	Bert Symes, bld.	do.	227 70
1347.	Aug. 28.	Pay roll, sals.	Stevens Point	\$155 00
1348.	Aug. 28.	Josephine Bempke, misc.	do.	5 62
1349.	Aug. 28.	Mrs. Cyzyan, misc.	do.	2 50
1350.	Aug. 28.	Mrs. Eickendorf, misc.	do.	7 50
1351.	Aug. 28.	Mrs. Gazumki, misc.	do.	1 25
1352.	Aug. 28.	Theresa Grulba, misc.	do.	6 87
1353.	Aug. 28.	John Landowski, misc.	do.	10 50
1354.	Aug. 28.	Mrs. Miaski, misc.	do.	11 83
1355.	Aug. 28.	G. E. Nordbye, rep.	do.	9 00
1356.	Aug. 28.	Remington Typewriter Co., rep.	do.	4 75
1357.	Aug. 28.	John F. Sims, misc.	do.	21 35
1358.	Aug. 28.	Agnes Sprade, misc.	do.	2 50
1359.	Aug. 28.	Mr. Thorske, rep.	do.	202 75
1360.	Aug. 28.	Mr. Thorske, rep.	do.	147 88
1361.	Aug. 28.	Pay roll, sals.	Summer School Superior	\$473 80
1362.	Aug. 28.	Pay roll, sals.	do.	210 00
1363.	Aug. 28.	H. A. Bielefeldt, misc.	do.	19 00
1364.	Aug. 28.	Central Scientific Co., a. & c.	do.	27 45
1365.	Aug. 28.	D. L. Hennessy, misc.	do.	15 40
1366.	Aug. 28.	V. E. McCaskill, misc.	do.	40 29
1367.	Aug. 28.	V. E. McCaskill, rep.	do.	14 63
1368.	Aug. 28.	J. A. Merrill, sta.	do.	2 30
1369.	Aug. 28.	N. W. Oil & Grease Co., rep.	do.	13 00
1370.	Aug. 28.	M. Nyquist, rep.	do.	33 25
1371.	Aug. 28.	H. L. Schug, rep.	do.	64 00
1372.	Aug. 28.	W. L. & P. Co., ltg.	do.	40 60
1373.	Aug. 28.	Pay roll, sals.	Summer School Whitewater	\$1,252 05
1374.	Aug. 28.	Pay roll, sals.	do.	180 00
1375.	Aug. 28.	Building & Repair Dept., rep.	do.	20 00
1376.	Aug. 28.	A. J. Cruver, rep.	do.	52 50
1377.	Aug. 28.	L. A. Duffin & Co., rep.	do.	31 34
1378.	Aug. 28.	Chas. W. Martin, rep.	do.	80 00
1379.	Aug. 28.	A. C. McClurg & Co., r. b.	do.	10 64
1380.	Aug. 28.	Jas. O'Neill, misc.	do.	17 50
1381.	Aug. 28.	O. Smothers, rep.	do.	69 49
1382.	Aug. 28.	F. W. Tratt, rep.	do.	7 50
1383.	Aug. 28.	R. L. Williams, rep.	do.	91 95
1384.	Aug. 28.	Whitewater Electric Light Co., ltg.	do.	8 55
1385.	Aug. 28.	Whitewater Water Wks. Co., wtr. rnt.	do.	100 00
1386.	Aug. 28.	H. C. Almy, exps. and sal.	Institute	\$77 02
1387.	Aug. 28.	W. T. Anderson, exps. and sal.	do.	39 46
1388.	Aug. 28.	C. G. Babcock, exps. and sal.	do.	70 00
1389.	Aug. 28.	G. V. Banting, exps. and sal.	do.	102 50
1390.	Aug. 28.	G. V. Banting, exps. and sal.	do.	43 05
1391.	Aug. 28.	E. M. Beeman, exps. and sal.	do.	55 81

List of Vouchers Paid, 1907-1908.

1392.	Aug. 28.	J. F. Bergen, exps. and sal.....	Institute.	91 45
1393.	Aug. 28.	G. L. Bowman, exps. and sal.....	do.....	118 09
1394.	Aug. 28.	C. J. Brewer, exps. and sal.....	do.....	90 00
1395.	Aug. 28.	H. C. Buell, exps. and sal.....	do.....	91 40
1396.	Aug. 28.	H. C. Buell, exp. and sal.....	do.....	119 75
1397.	Aug. 28.	H. C. Buell, exps. and sal.....	do.....	57 82
1398.	Aug. 28.	M. A. Bussewitz, exps. and sal.....	do.....	64 54
1399.	Aug. 28.	M. A. Bussewitz, exps. and sal.....	do.....	205 89
1400.	Aug. 28.	Jno. Callahan, exps. and sal.....	do.....	108 80
1401.	Aug. 28.	W. H. Cheever, exps. and sal.....	do.....	145 16
1402.	Aug. 28.	W. H. Cheever, exps. and sal.....	do.....	147 07
1403.	Aug. 28.	W. H. Cheever, exps. and sal.....	do.....	134 45
1404.	Aug. 28.	Fred Christianson, exps. and sal.....	do.....	115 02
1405.	Aug. 28.	W. A. Clark, exps. and sal.....	do.....	101 84
1406.	Aug. 28.	F. E. Converse, exps. and sal.....	do.....	120 90
1407.	Aug. 28.	G. E. Dafoe, exps. and sal.....	do.....	114 85
1408.	Aug. 28.	Wm. T. Darling, exps. and sal.....	do.....	16 25
1409.	Aug. 28.	Jno. Dixon, exps. and sal.....	do.....	41 76
1410.	Aug. 28.	Martha F. Dockery, exps. and sal.....	do.....	84 58
1411.	Aug. 28.	B. Mack Dresden, sal.....	do.....	40 00
1412.	Aug. 28.	Winifred Edsall, exps. and sal.....	do.....	32 70
1413.	Aug. 28.	Winifred Edsall, exps. and sal.....	do.....	91 79
1414.	Aug. 28.	W. E. Elmer, exps. and sal.....	do.....	41 74
1415.	Aug. 28.	W. E. Elmer, exps. and sal.....	do.....	41 83
1416.	Aug. 28.	G. W. Gehrand, exps. and sal.....	do.....	50 13
1417.	Aug. 28.	G. W. Gehrand, exps. and sal.....	do.....	51 94
1418.	Aug. 28.	G. W. Gehrand, exps. and sal.....	do.....	48 12
1419.	Aug. 28.	D. C. Gile, exps. and sal.....	do.....	98 36
1420.	Aug. 28.	O. E. Gray, exps. and sal.....	do.....	78 90
1421.	Aug. 28.	K. L. Hatch, exps. and sal.....	do.....	48 58
1422.	Aug. 28.	J. A. Hegeman, exps. and sal.....	do.....	80 27
1423.	Aug. 28.	D. L. Hennessy, exps. and sal.....	do.....	91 22
1424.	Aug. 28.	W. C. Hewitt, exps. and sal.....	do.....	275 30
1425.	Aug. 28.	W. C. Hewitt, exps. and sal.....	do.....	139 92
1426.	Aug. 28.	C. L. Hill, exps. and sal.....	do.....	73 94
1427.	Aug. 28.	J. T. Hooper, exps. and sal.....	do.....	71 01
1428.	Aug. 28.	J. T. Hooper, exps. and sal.....	do.....	126 20
1429.	Aug. 28.	J. T. Hooper, exps. and sal.....	do.....	6 97
1430.	Aug. 28.	F. S. Hyer, exps. and sal.....	do.....	76 15
1431.	Aug. 28.	F. S. Hyer, exp. and sal.....	do.....	129 85
1432.	Aug. 28.	F. S. Hyer, exp. and sal.....	do.....	136 16
1433.	Aug. 28.	F. S. Hyer, exps. and sal.....	do.....	72 71
1434.	Aug. 28.	Frank M. Jack, exps. and sal.....	do.....	131 78
1435.	Aug. 28.	Frank M. Jack, exps. and sal.....	do.....	149 53
1436.	Aug. 28.	M. H. Jackson, exps. and sal.....	do.....	132 94
1437.	Aug. 28.	M. H. Jackson, exps. and sal.....	do.....	123 90
1438.	Aug. 28.	Thos. Lloyd Jones, exps. and sal.....	do.....	65 48
1439.	Aug. 28.	Thos. L. Jones, exps. and sal.....	do.....	129 84
1440.	Aug. 28.	Myron E. Keats, exps. and sal.....	do.....	147 54
1441.	Aug. 28.	L. S. Keeley, exps. and sal.....	do.....	52 09
1442.	Aug. 28.	D. O. Kinsman, exps. and sal.....	do.....	203 70
1443.	Aug. 28.	Philip A. Kolb, exps. and sal.....	do.....	87 41
1444.	Aug. 28.	Philip A. Kolb, exps. and sal.....	do.....	91 16
1445.	Aug. 28.	G. H. Landgraf, exps. and sal.....	do.....	118 39
1446.	Aug. 28.	G. H. Landgraf, exps. and sal.....	do.....	59 24
1447.	Aug. 28.	H. H. Liebenberg, exps. and sal.....	do.....	63 33
1448.	Aug. 28.	W. H. Luehr, exps. and sal.....	do.....	56 03
1449.	Aug. 28.	G. F. Loomis, exps. and sal.....	do.....	87 85
1450.	Aug. 28.	W. F. Lusk, exps. and sal.....	do.....	94 25
1451.	Aug. 28.	W. F. Lusk, exps. and sal.....	do.....	106 86
1452.	Aug. 28.	E. L. Luther, exps. and sal.....	do.....	47 85
1453.	Aug. 28.	V. E. McCaskill, exps. and sal.....	do.....	136 83
1454.	Aug. 28.	E. C. Meland, exps. and sal.....	do.....	82 80
1455.	Aug. 28.	G. M. Morrissy, exps. and sal.....	do.....	46 60
1456.	Aug. 28.	G. M. Morrissy, exps. and sal.....	do.....	60 00
1457.	Aug. 28.	G. M. Morrissy, exps. and sal.....	do.....	45 86
1458.	Aug. 28.	E. T. O'Brien, exps. and sal.....	do.....	48 62
1459.	Aug. 28.	E. T. O'Brien, exps. and sal.....	do.....	102 80
1460.	Aug. 28.	A. B. O'Neill, exps. and sal.....	do.....	96 42
1461.	Aug. 28.	C. E. Patzer, exps. and sal.....	do.....	136 54
1462.	Aug. 28.	C. E. Patzer, exps. and sal.....	do.....	62 24
1463.	Aug. 28.	C. E. Patzer, exps. and sal.....	do.....	132 84
1464.	Aug. 28.	C. E. Patzer, exps. and sal.....	do.....	4 08
1465.	Aug. 28.	O. S. Rice, exps. and sal.....	do.....	89 34

List of Vouchers Paid, 1907-1908.

1466.	Aug. 28.	Asa M. Royce, exps. and sal.....	Institute	4 50
1467.	Aug. 28.	Asa M. Royce, exps. and sal.....	do.....	58 11
1468.	Aug. 28.	W. P. Roseman, exps. and sal.....	do.....	98 73
1469.	Aug. 28.	D. H. Schuler, exps. and sal.....	do.....	99 22
1470.	Aug. 28.	D. H. Schuler, exps. and sal.....	do.....	100 06
1471.	Aug. 28.	Wm. T. Sell, exps. and sal.....	do.....	161 02
1472.	Aug. 28.	O. J. Shuster, exps. and sal.....	do.....	138 15
1473.	Aug. 28.	O. J. Shuster, exps. and sal.....	do.....	140 90
1474.	Aug. 28.	O. J. Shuster, exps. and sal.....	do.....	143 63
1475.	Aug. 28.	Geo. C. Shutts, exps. and sal.....	do.....	136 81
1476.	Aug. 28.	G. C. Shutts, exps. and sal.....	do.....	218 20
1477.	Aug. 28.	G. C. Shutts, exps. and sal.....	do.....	72 00
1478.	Aug. 28.	Chester W. Smith, exps. and sal.....	do.....	96 37
1479.	Aug. 28.	C. B. Stanley, exps. and sal.....	do.....	55 29
1480.	Aug. 28.	Taylor & Gleason, inc.....	do.....	89 50
1481.	Aug. 28.	Taylor & Gleason, inc.....	do.....	104 81
1482.	Aug. 28.	A. A. Thomson, exps. and sal.....	do.....	115 94
1483.	Aug. 28.	A. A. Thomson, exps. and sal.....	do.....	100 22
1484.	Aug. 28.	S. Miles Thomas, exps. and sal.....	do.....	90 33
1485.	Aug. 28.	S. B. Toby, exps. and sal.....	do.....	58 57
1486.	Aug. 28.	S. B. Toby, sal.....	do.....	50 00
1487.	Aug. 28.	H. S. Youker, sal. and exps.....	do.....	30 00
1488.	Aug. 28.	H. S. Youker, exps. and sal.....	do.....	82 45
1489.	Aug. 28.	F. M. Wiemer, exps. and sal.....	do.....	104 50
1490.	Aug. 28.	F. M. Wiemer, exps. and sal.....	do.....	109 96
1491.	Aug. 28.	Franc A. Wilkins, exps. and sal.....	do.....	81 00
1492.	Aug. 28.	Franc A. Wilkins, exps. and sal.....	do.....	86 43
1493.	Aug. 28.	H. L. Wilson, exps. and sal.....	do.....	98 52
1494.	Aug. 28.	H. L. Wilson, exps. and sal.....	do.....	101 71
1495.	Aug. 28.	H. L. Wilson, exps. and sal.....	do.....	105 09
1496.	Aug. 28.	Geo. A. Works, exps. and sal.....	do.....	91 04
1497.	Aug. 28.	Vivian S. Baker, gen. exps.....	Board...	\$60 00
1498.	Aug. 28.	William Kittle, secy. services.....	do.....	166 66
1499.	Aug. 28.	William Kittle, exps. of board.....	do.....	48 21
1500.	Aug. 28.	Chicago, Mil. & St. P. Ry., gen. exps.....	do.....	50 00
1501.	Aug. 28.	Dane Co. Tel. Co., gen. exp.....	do.....	2 00
1502.	Aug. 28.	Knauber Lith. Co., gen. exp.....	do.....	22 50
1503.	Aug. 28.	John H. Roemer, reg. exps.....	do.....	12 13

Total audit Aug. 28, 1907..... \$26,379 90

No.	Date.	Name.	City.	Amount.
1504.	Sept. 25.	Pay roll, sals.....	Milwaukee.	\$4,485 00
1505.	Sept. 25.	American Book Company, t. b.....	do.....	21 00
1506.	Sept. 25.	D. Appleton & Co., t. b.....	do.....	22 50
1507.	Sept. 25.	Bunde & Upmeyer, misc.....	do.....	2 00
1508.	Sept. 25.	Maud Burdick, misc.....	do.....	2 11
1509.	Sept. 25.	S. W. Gillan & Co., sta.....	do.....	6 00
1510.	Sept. 25.	Ginn & Co., t. b.....	do.....	9 45
1511.	Sept. 25.	Gruniaux News & Subs. Co., r. b.....	do.....	209 98
1512.	Sept. 25.	D. C. Heath & Company, t. b.....	do.....	16 00
1513.	Sept. 25.	Independent Oil & Grease Co.....	do.....	28 50
1514.	Sept. 25.	The Macmillan Co., t. b.....	do.....	22 80
1515.	Sept. 25.	Chas. McKenny, sta.....	do.....	47 80
1516.	Sept. 25.	Milwaukee Gas Ltg. Co., ltg.....	do.....	6 40
1517.	Sept. 25.	Mil. Gas Light Co., ltg.....	do.....	8 77
1518.	Sept. 25.	Mil. Western Fuel Co., fuel.....	do.....	116 93
1519.	Sept. 25.	Nat. Soc. for Study of Educa., ptg.....	do.....	24 00
1520.	Sept. 25.	John Reich, rep.....	do.....	75 00
1521.	Sept. 25.	Yahr & Lange Drug Co., misc.....	do.....	22 19
1522.	Sept. 25.	Wis. Elect. Cons. Co., misc.....	do.....	9 23
1523.	Sept. 25.	Pay roll, sals.....	Oshkosh	4,699 00
1524.	Sept. 25.	Am. Book Company, t. b.....	do.....	10 65
1525.	Sept. 25.	A. Express Co., t. b.....	do.....	2 95
1526.	Sept. 25.	D. Appleton & Company, t. b.....	do.....	8 95
1527.	Sept. 25.	Castle-Pierce Ptg. Co., sta.....	do.....	33 75
1528.	Sept. 25.	Challoner Company, fuel.....	do.....	11 25
1529.	Sept. 25.	Challoner Company, rep.....	do.....	85 38
1530.	Sept. 25.	Cleveland Faucet Co., rep.....	do.....	2 39
1531.	Sept. 25.	Clough & Co., rep.....	do.....	7 82
1532.	Sept. 25.	Edwan M. Crane, P. M. sta.....	do.....	47 48
1533.	Sept. 25.	Luther Davies & Co., misc.....	do.....	18 63

List of Vouchers Paid, 1907-1908.

1534.	Sept. 25.	Democrat Ptg. Co., sta.....	Oshkosh.	1 54
1535.	Sept. 25.	Dodd, Mead & Co., r. b.....	do.....	4 80
1536.	Sept. 25.	Germania Pub. Co., r. b.....	do.....	23 75
1537.	Sept. 25.	Ginn & Co., t. b.....	do.....	3 33
1538.	Sept. 25.	Germania Pub. Co., r. b.....	do.....	49 65
1539.	Sept. 25.	H. R. Halsey, adm. misc.....	do.....	19 15
1540.	Sept. 25.	Hay Hardware Co., misc.....	do.....	22 25
1541.	Sept. 25.	John M. Hurn, sta.....	do.....	8 95
1542.	Sept. 25.	D. C. Heath & Co., t. b.....	do.....	8 55
1543.	Sept. 25.	Harper & Bros., r. b.....	do.....	1 68
1544.	Sept. 25.	Mrs. Katherine B. Jones, misc.....	do.....	3 46
1545.	Sept. 25.	Katherine B. Jones, misc.....	do.....	3 75
1546.	Sept. 25.	F. M. Lampson, rep.....	do.....	160 40
1547.	Sept. 25.	Addie Libert, sals.....	do.....	14 20
1548.	Sept. 25.	Longmans, Green & Co., t. b.....	do.....	86 84
1549.	Sept. 25.	Macmillan Co., t. b.....	do.....	10 60
1550.	Sept. 25.	Macmillan Co., t. b.....	do.....	12 80
1551.	Sept. 25.	A. C. McClurg & Co., r. b.....	do.....	19 20
1552.	Sept. 25.	Medberry-Findelsen Co., sta.....	do.....	12 69
1553.	Sept. 25.	Chas. E. Merrill Co., t. b.....	do.....	27 30
1554.	Sept. 25.	Anthon F. Miller, rep.....	do.....	19 99
1555.	Sept. 25.	Anthon F. Miller, furn.....	do.....	52 10
1556.	Sept. 25.	Wm. G. Miller, misc.....	do.....	5 00
1557.	Sept. 25.	Jesse E. Moore, misc.....	do.....	21 83
1558.	Sept. 25.	John Nelson Co., rep.....	do.....	59 43
1559.	Sept. 25.	Oshkosh Gas Ltg. Co., ltg.....	do.....	7 78
1560.	Sept. 25.	Oshkosh Gas Ltg. Co., ltg.....	do.....	7 57
1561.	Sept. 25.	Oshkosh Gas Ltg. Co., ltg.....	do.....	10 84
1562.	Sept. 25.	Oshkosh Gas Ltg. Co., ltg.....	do.....	9 66
1563.	Sept. 25.	Oshkosh Gas Ltg. Co., ltg.....	do.....	26 78
1564.	Sept. 25.	Paine Lumber Co., misc.....	do.....	9 60
1565.	Sept. 25.	Psychological Review, r. b.....	do.....	85
1566.	Sept. 25.	Mrs. Rolena Rentz, misc.....	do.....	39 23
1567.	Sept. 25.	Stroud & Co., rep.....	do.....	14 03
1568.	Sept. 25.	C. H. Stoelting Co., a. & c.....	do.....	67 51
1569.	Sept. 25.	W. Scott Thurber, furn.....	do.....	157 00
1570.	Sept. 25.	Toner Plumbing & Heat Co., rep.....	do.....	638 00
1571.	Sept. 25.	U. S. Express Co., t. b.....	do.....	2 70
1572.	Sept. 25.	Western Union Tele. Co., misc.....	do.....	7 11
1573.	Sept. 25.	Wis. Telephone Co., misc.....	do.....	1 65
1574.	Sept. 25.	Wis. Telephone Co., misc.....	do.....	13 05
1575.	Sept. 25.	Harrison Wood, misc.....	do.....	4 60
1576.	Sept. 25.	Pay rolls, sals.....	Platteville	3,330 00
1577.	Sept. 25.	Edward Agan, bld.....	do.....	140 00
1578.	Sept. 25.	Edward Agan, bld.....	do.....	13 50
1579.	Sept. 25.	American Book Co., t. b.....	do.....	2 88
1580.	Sept. 25.	American Book Co., t. b.....	do.....	25 57
1581.	Sept. 25.	D. Appleton & Co., t. b.....	do.....	45 00
1582.	Sept. 25.	Atkinson, Mentzer & Grover, misc.....	do.....	3 42
1583.	Sept. 25.	M. H. E. Beckley, furn.....	do.....	552 52
1584.	Sept. 25.	Clarence Blanchard, bld.....	do.....	5 00
1585.	Sept. 25.	Clifford Burns, bld.....	do.....	9 80
1586.	Sept. 25.	Thos. Charles, furn.....	do.....	89 18
1587.	Sept. 25.	Floyd Churchill, bld.....	do.....	2 00
1588.	Sept. 25.	A. B. Dick Co., misc.....	do.....	4 00
1589.	Sept. 25.	Robert Dugdale, sta.....	do.....	52 60
1590.	Sept. 25.	Morgan Evans, misc.....	do.....	8 60
1591.	Sept. 25.	Lloyd V. France, bld.....	do.....	27 15
1592.	Sept. 25.	Ginn & Co., t. b.....	do.....	30 28
1593.	Sept. 25.	Globe-Wernicke, furn.....	do.....	325 35
1594.	Sept. 25.	M. W. Hanks, bld.....	do.....	17 50
1595.	Sept. 25.	D. C. Heath & Co., t. b.....	do.....	35 41
1596.	Sept. 25.	Mrs. Laura Hutchcroft, misc.....	do.....	2 62
1597.	Sept. 25.	Charles Howard, bld.....	do.....	16 83
1598.	Sept. 25.	Mrs. Julia Hull, bld.....	do.....	7 88
1599.	Sept. 25.	Mrs. Julia Hull, sal.....	do.....	8 00
1600.	Sept. 25.	Mrs. Lucy Ivens, sal.....	do.....	18 75
1601.	Sept. 25.	Mrs. Lucy Ivens, bld.....	do.....	3 50
1602.	Sept. 25.	Jarret & Hodge, misc.....	do.....	1 90
1603.	Sept. 25.	Max Jenks, bld.....	do.....	2 00
1604.	Sept. 25.	Allen Jenks, bld.....	do.....	1 00
1605.	Sept. 25.	Peter Jensen, bld.....	do.....	9 00
1606.	Sept. 25.	Library Bureau, furn.....	do.....	1,365 00

List of Vouchers Paid, 1907-1908.

1607.	Sept. 25.	Curtis B. Livingston, bld.....	Platteville.	4 00
1608.	Sept. 25.	J. W. Livingston, bldg.....	do.....	12 70
1609.	Sept. 25.	J. W. Livingston, misc.....	do.....	6 70
1610.	Sept. 25.	Walter Luethe, bld.....	do.....	3 00
1611.	Sept. 25.	Macmillan Co., t. b.....	do.....	31 20
1612.	Sept. 25.	Meyer, Shepard Lmbr. Co., bld.....	do.....	46 40
1613.	Sept. 25.	Genevieve McCarthy, misc.....	do.....	1 50
1614.	Sept. 25.	A. C. McClurg & Co., t. b.....	do.....	18 51
1615.	Sept. 25.	Herman Mueller, bld.....	do.....	25 00
1616.	Sept. 25.	A. H. Nehls & Co., misc.....	do.....	130 75
1617.	Sept. 25.	A. H. Nehls Co., misc.....	do.....	5 20
1618.	Sept. 25.	A. H. Nehls & Co., furn.....	do.....	12 00
1619.	Sept. 25.	B. B. Newell, misc.....	do.....	5 00
1620.	Sept. 25.	Northern Paper Mills, misc.....	do.....	11 76
1621.	Sept. 25.	Piquett & Bridges, bld.....	do.....	4 25
1622.	Sept. 25.	John W. Rose, bld.....	do.....	26 00
1623.	Sept. 25.	Dennis Regan, bld.....	do.....	2 55
1624.	Sept. 25.	John Reid, bld.....	do.....	27 00
1625.	Sept. 25.	Will Reynolds, bld.....	do.....	3 00
1626.	Sept. 25.	Chris. Reidi, bld.....	do.....	10 00
1627.	Sept. 25.	O. H. Richardson, furn.....	do.....	201 11
1628.	Sept. 25.	Will M. Rindlaub, misc.....	do.....	16 50
1629.	Sept. 25.	J. M. Rose & Son, bld.....	do.....	48 70
1630.	Sept. 25.	Clarence Rubado, bld.....	do.....	2 20
1631.	Sept. 25.	C. C. Sampson, bld.....	do.....	2 50
1632.	Sept. 25.	J. A. Silver, bld.....	do.....	130 00
1633.	Sept. 25.	J. A. Silver, bldg.....	do.....	14,500 00
1634.	Sept. 25.	John Shilliam, misc.....	do.....	5 00
1635.	Sept. 25.	Smiley & Marshall, bld.....	do.....	600 00
1636.	Sept. 25.	Homer Smith, bld.....	do.....	2 00
1637.	Sept. 25.	Smith Premier Co., sta.....	do.....	7 00
1638.	Sept. 25.	Chris. Stahel, bld.....	do.....	10 00
1639.	Sept. 25.	Chas. Stephens, bld.....	do.....	16 75
1640.	Sept. 25.	Vaughn Seed Co., misc.....	do.....	1 14
1641.	Sept. 25.	Lillian Wills, bld.....	do.....	4 00
1642.	Sept. 25.	Pay roll, sals.....	River Falls	2,847 00
1643.	Sept. 25.	Laura F. Angell, sal.....	do.....	65 00
1644.	Sept. 25.	D. Appleton & Co., t. b.....	do.....	5 98
1645.	Sept. 25.	Allyn & Bacon, t. b.....	do.....	19 00
1646.	Sept. 25.	Allard, Stewart Co., misc.....	do.....	7 27
1647.	Sept. 25.	F. L. Baker, misc.....	do.....	27 63
1648.	Sept. 25.	W. J. Briar, misc.....	do.....	2 80
1649.	Sept. 25.	A. E. Chapman, rep.....	do.....	7 00
1650.	Sept. 25.	A. E. Chapman, bld.....	do.....	220 50
1651.	Sept. 25.	Cleveland Public Library, r. b.....	do.....	1 25
1652.	Sept. 25.	Edna Comstock, misc.....	do.....	5 00
1653.	Sept. 25.	W. D. Davis, misc.....	do.....	6 27
1654.	Sept. 25.	Democrat Ptg. Co., misc.....	do.....	28 75
1655.	Sept. 25.	Geo. J. Dodge & Son, furn.....	do.....	35 78
1656.	Sept. 25.	L. S. Donaldson Co., misc.....	do.....	4 94
1657.	Sept. 25.	Dunn Bros., misc.....	do.....	11 52
1658.	Sept. 25.	Ginn & Company, t. b.....	do.....	7 15
1659.	Sept. 25.	The Gunn Furniture Co., furn.....	do.....	40 00
1660.	Sept. 25.	Oren Larson, misc.....	do.....	1 30
1661.	Sept. 25.	Scott, foresman & Co., t. b.....	do.....	1 82
1662.	Sept. 25.	Silver, Burdett & Co., t. b.....	do.....	5 00
1663.	Sept. 25.	St. Paul Book & Stationery Co.....	do.....	351 75
1664.	Sept. 25.	Underwood Typewriter Co., misc.....	do.....	2 25
1665.	Sept. 25.	Pay roll, sals.....	Stevens Point	3,197 50
1666.	Sept. 25.	Allyn & Bacon, t. b.....	do.....	6 40
1667.	Sept. 25.	American Color Co., misc.....	do.....	1 50
1668.	Sept. 25.	American Book Co., t. b.....	do.....	23 68
1669.	Sept. 25.	Andrews, Schubert & Co., a & c.....	do.....	225 00
1670.	Sept. 25.	M. H. E. Beckley, rep.....	do.....	64 80
1671.	Sept. 25.	Caxton Company, rep.....	do.....	12 46
1672.	Sept. 25.	Cudahy Pack. Co., misc.....	do.....	3 00
1673.	Sept. 25.	Mary Dunegan, sal.....	do.....	9 00
1674.	Sept. 25.	Fred Duncalf, sal.....	do.....	100 00
1675.	Sept. 25.	Educational Pub. Co., t. b.....	do.....	3 43
1676.	Sept. 25.	Gross & Jacobs, fuel.....	do.....	732 09
1677.	Sept. 25.	Gross & Jacobs, misc.....	do.....	4 24
1678.	Sept. 25.	C. Krembs & Bro., rep.....	do.....	34 73

List of Vouchers Paid, 1907-1908.

1679.	Sept. 25.	La. Purchase Expo. Co., r. b.....	Stevens Point	2 00
1680.	Sept. 25.	H. D. McCulloch Co., misc.....	do.....	10 89
1681.	Sept. 25.	F. H. Murray, misc.....	do.....	12 46
1682.	Sept. 25.	Post Pub. Co., r. b.....	do.....	78 40
1683.	Sept. 25.	Reading & Newman, t. b.....	do.....	6 00
1684.	Sept. 25.	Chas. Scribners Sons, t. b.....	do.....	10 60
1685.	Sept. 25.	Frank K. Sechrist, sal.....	do.....	40 00
1686.	Sept. 25.	John F. Sims, r. b.....	do.....	22 21
1687.	Sept. 25.	John F. Sims, pres. exp.....	do.....	20 73
1688.	Sept. 25.	Stevens Point Water Co., wtr. rnt.....	do.....	100 00
1689.	Sept. 25.	J. B. Sullivan, rep.....	do.....	40 25
1690.	Sept. 25.	Tobey Furn. Co., furniture.....	do.....	82 98
1691.	Sept. 25.	U. S. Express Co., misc.....	do.....	3 41
1692.	Sept. 25.	Vetter Mfg. Co., misc.....	do.....	2 25
1693.	Sept. 25.	Pay roll, sals.....	Superior	3,035 00
1694.	Sept. 25.	American Heat. Co., rep.....	do.....	92 61
1695.	Sept. 25.	Atkinson, Mentzer & Grover, t. b.....	do.....	4 35
1696.	Sept. 25.	E. B. Banks, bld.....	do.....	10 00
1697.	Sept. 25.	Bemis Bag & Paper Co., sta.....	do.....	10 56
1698.	Sept. 25.	Bemis Bag & Paper Co., sta.....	do.....	2 15
1699.	Sept. 25.	Bemis Bag & Paper Co., sta.....	do.....	18 32
1700.	Sept. 25.	H. A. Bielefeldt, sal.....	do.....	11 10
1701.	Sept. 25.	O. H. Capsers, sal.....	do.....	3 50
1702.	Sept. 25.	Thos. Charles Co., t. b.....	do.....	2 76
1703.	Sept. 25.	Douglas Co. Tel. Co., misc.....	do.....	9 75
1704.	Sept. 25.	Josephine Edmont, r. b.....	do.....	109 80
1705.	Sept. 25.	Enoch Fuller, sal.....	do.....	3 93
1706.	Sept. 25.	Ginn & Co., t. b.....	do.....	9 60
1707.	Sept. 25.	A. Grant, rep.....	Superior..	4 50
1708.	Sept. 25.	Harper Bros., r. b.....	do.....	12 00
1709.	Sept. 25.	Hammacher, S-hlemmer & Co., misc.....	do.....	1 80
1710.	Sept. 25.	Henry Holt & Co., t. b.....	do.....	6 02
1711.	Sept. 25.	V. E. McCaskill, sal.....	do.....	25 00
1712.	Sept. 25.	V. E. McCaskill, rep.....	do.....	4 45
1713.	Sept. 25.	V. E. McCaskill, r. b.....	do.....	7 98
1714.	Sept. 25.	M. May Furniture Co., furn.....	do.....	28 70
1715.	Sept. 25.	Thos. Roen, sta.....	do.....	34 75
1716.	Sept. 25.	Rogers-Ruger Lmbr. Co., rep.....	do.....	7 45
1717.	Sept. 25.	Pease Hardw. Co., rep.....	do.....	6 00
1718.	Sept. 25.	People's Telephone Co., misc.....	do.....	9 00
1719.	Sept. 25.	Sanitary Plumb. Co., rep.....	do.....	37 05
1720.	Sept. 25.	Silver, Tonsberg Co., sta.....	do.....	17 20
1721.	Sept. 25.	Strothman Iron Co., rep.....	do.....	85 00
1722.	Sept. 25.	Superior Hardw. Co., fuel.....	do.....	96 49
1723.	Sept. 25.	J. E. Williams, furn.....	do.....	200 00
1724.	Sept. 25.	Water, Ltg. & Power Co., fuel.....	do.....	47 52
1725.	Sept. 25.	Pay roll, sals.....	Whitewater	3,220 00
1726.	Sept. 25.	American Book Co., t. b.....	do.....	17 52
1727.	Sept. 25.	American Gymnasia Co., sta.....	do.....	18 25
1728.	Sept. 25.	Atkinson, Mentzer, Grover, rep.....	do.....	27 46
1729.	Sept. 25.	C. M. Barnes, Co., t. b.....	do.....	78 44
1730.	Sept. 25.	F. R. Bloodgood, misc.....	do.....	13 75
1731.	Sept. 25.	Peter B. Bogart, rep.....	do.....	9 60
1732.	Sept. 25.	Gustav Brummund, misc.....	do.....	10 00
1733.	Sept. 25.	Fred Christiansen, misc.....	do.....	24 36
1734.	Sept. 25.	W. E. Clinton & Co., misc.....	do.....	80 10
1735.	Sept. 25.	J. C. Coxo Co., misc.....	do.....	7 50
1736.	Sept. 25.	A. B. Dick Company, sta.....	do.....	20 85
1737.	Sept. 25.	Phillip Gross Hardw. Co., rep.....	do.....	10 88
1738.	Sept. 25.	Mrs. Lena Henry, sal.....	do.....	7 89
1739.	Sept. 25.	Henry Holt & Co., t. b.....	do.....	42 00
1740.	Sept. 25.	O. K. Hugo, sal.....	do.....	20 00
1741.	Sept. 25.	Howard, Severance Co., r. b.....	do.....	42 75
1742.	Sept. 25.	Chas. Inman, rep.....	do.....	16 97
1743.	Sept. 25.	Krohn Hardw. Co., rep.....	do.....	9 30
1744.	Sept. 25.	Wm. C. Kreul Co., sta.....	do.....	4 00
1745.	Sept. 25.	D. Leishman, rep.....	do.....	21 21
1746.	Sept. 25.	The Macmillan Co., misc.....	do.....	5 00
1747.	Sept. 25.	Chas. W. Martin, rep.....	do.....	400 00
1748.	Sept. 25.	Leo. F. Millard, rep.....	do.....	1 05
1749.	Sept. 25.	James Millis, rep.....	do.....	7 00

List of Vouchers Paid, 1907-1908.

1750.	Sept. 25.	F. Newell, rep.....	Whitewater	29 45
1751.	Sept. 25.	Northern Paper Mills, misc.....	do.....	17 64
1752.	Sept. 25.	H. J. O'Connor, sta.....	do.....	15 68
1753.	Sept. 25.	Row, Peterson & Co., t. b.....	do.....	9 40
1754.	Sept. 25.	Albert Salisbury, furn.....	do.....	33 59
1755.	Sept. 25.	Standard Paper Co., sta.....	do.....	2 50
1756.	Sept. 25.	Subscription News Co., misc.....	do.....	73 85
1757.	Sept. 25.	Whitewater Register, misc.....	do.....	8 50
1758.	Sept. 25.	Whitewater Elect. Ltg. Co., ltg.....	do.....	9 75
1759.	Sept. 25.	Wis. Telephone Co., misc.....	do.....	8 80
1760.	Sept. 25.	John Dixon, sal. & exp. of Conductor.....	Institute	44 42
1761.	Sept. 25.	F. R. Hamilton, sal.....	do.....	30 00
1762.	Sept. 25.	K. L. Hatch, expenses.....	do.....	6 48
1763.	Sept. 25.	Thos. L. Jones, sal. & exp.....	do.....	134 81
1764.	Sept. 25.	Elizabeth McCormick, sal. & exp.....	do.....	87 98
1765.	Sept. 25.	D. E. McLane, sal. & exp.....	do.....	63 10
1766.	Sept. 25.	C. E. Patzer, sal. & exp.....	do.....	144 85
1767.	Sept. 25.	John F. Sims, sal. & exp.....	do.....	73 05
1768.	Sept. 25.	Geo. A. Works, sal. & exp.....	do.....	56 43
1769.	Sept. 25.	J. P. Riordan, sal. & exp.....	do.....	31 00
1770.	Sept. 25.	W. H. Schultz, sal. & exp.....	do.....	63 45
1771.	Sept. 25.	Vivian Baker, gen. exp.....	Board	60 00
1772.	Sept. 25.	William Kittle, secy's exp.....	do.....	166 66
1773.	Sept. 25.	William Kittle, gen. exp.....	do.....	55 25
1774.	Sept. 25.	John Harrington, gen. exp.....	do.....	59 03
1775.	Sept. 25.	Thomas Morris, gen. exp.....	do.....	42 44
1776.	Sept. 25.	John Nelson Co., gen. exp.....	do.....	10 00
1777.	Sept. 25.	Wis. Telephone Co., gen. exp.....	do.....	13 75
Total audit September 25th, 1907.....				\$51,809 87
1778.	Oct. 17.	Pay roll, sals.....	Milwaukee	\$4,487 00
1779.	Oct. 17.	American Book Co., t. b.....	do.....	2 24
1780.	Oct. 17.	American Seating Co., misc.....	do.....	4 24
1781.	Oct. 17.	J. B. Bradford Piano Co., furn.....	do.....	220 00
1782.	Oct. 17.	J. B. Bradford Piano Co., rep.....	do.....	1 50
1783.	Oct. 17.	T. Y. Crowell & Co., t. b.....	do.....	15 78
1784.	Oct. 17.	Ginn & Co., t. b.....	do.....	17 28
1785.	Oct. 17.	F. A. Goll, rep.....	do.....	68 30
1786.	Oct. 17.	F. A. Goll Co., rep.....	do.....	36 25
1787.	Oct. 17.	Phillip Gross Hdw. Co., misc.....	do.....	25 99
1788.	Oct. 17.	Hendee, Bamford, Crandall Co., sta.....	do.....	74 50
1789.	Oct. 17.	M. Hilty Lumber Co., rep.....	do.....	3 50
1790.	Oct. 17.	M. Hilty Lumber Co., rep.....	do.....	1 91
1791.	Oct. 17.	M. Hilty Lumber Co., rep.....	do.....	1 12
1792.	Oct. 17.	Independent Oil & Grease Co., misc.....	do.....	13 50
1793.	Oct. 17.	J. C. Menz, rep.....	do.....	3 05
1794.	Oct. 17.	Chas. McKenny, misc.....	do.....	20 95
1795.	Oct. 17.	A. C. McClurg & Co., t. b.....	do.....	6 48
1796.	Oct. 17.	Milwaukee Water Wks, w. r.....	do.....	31 73
1797.	Oct. 17.	Mil. Gas Light Co., ltg.....	do.....	14 51
1798.	Oct. 17.	Rand, McNally & Co., t. b.....	do.....	11 15
1799.	Oct. 17.	Silver, Burdett & Co., t. b.....	do.....	2 75
1800.	Oct. 17.	C. H. Stoelting Co., misc.....	do.....	8 93
1801.	Oct. 17.	Otto A. Thiele, misc.....	do.....	9 46
1802.	Oct. 17.	Herman Voss Co., r. b.....	do.....	144 85
1803.	Oct. 17.	Wadhams Oil Co., misc.....	do.....	2 10
1804.	Oct. 17.	H. H. West Co., sta.....	do.....	11 27
1805.	Oct. 17.	Wis. Compressed Air & House Cleaning Co., misc.....	do.....	4 96
1806.	Oct. 17.	Mrs. Elvira B. White, misc.....	do.....	3 45
1807.	Oct. 17.	H. C. Wright, r. b.....	do.....	6 00
1808.	Oct. 17.	Pay roll, sals.....	Oshkosh	4,720 50
1809.	Oct. 17.	American Express Co., misc.....	do.....	1 25
1810.	Oct. 17.	Art. Metal Construction Co., furn.....	do.....	80 00
1811.	Oct. 17.	Battis Bros, rep.....	do.....	26 53
1812.	Oct. 17.	Buckstaff-Edwards Co., rep.....	do.....	3 55
1813.	Oct. 17.	C. P. Cary, r. b.....	do.....	30 00
1814.	Oct. 17.	Castle-Pierce Printing Co., sta.....	do.....	21 40
1815.	Oct. 17.	Cora I. Coxshal, sal.....	do.....	10 00

List of Vouchers Paid, 1907-1908.

1816.	Oct. 17.	Chas. M. Decker, rep.....	Oshkosh	17 38
1817.	Oct. 17.	Dodd, Mead & Co., r. b.....	do.....	4 80
1818.	Oct. 17.	Duggan-Printing Co., sta.....	do.....	10 25
1819.	Oct. 17.	Fell Bros. & Scholz, misc.....	do.....	4 42
1820.	Oct. 17.	Garlock Pack. Co., rep.....	do.....	9 23
1821.	Oct. 17.	Ginn & Company, t. b.....	do.....	15 00
1822.	Oct. 17.	India Alkali Wks., misc.....	do.....	28 08
1823.	Oct. 17.	Winifred Johnson, sal.....	do.....	4 00
1824.	Oct. 17.	F. M. Lampson, rep.....	do.....	31 65
1825.	Oct. 17.	F. M. Lampson, rep.....	do.....	35 15
1826.	Oct. 17.	Addie Libert, sal.....	do.....	7 50
1827.	Oct. 17.	H. A. Lyman, misc.....	do.....	9 50
1828.	Oct. 17.	A. C. McClurg & Co., t. b.....	do.....	4 55
1829.	Oct. 17.	A. C. McClurg & Co, r. b.....	do.....	18 52
1830.	Oct. 17.	Medberry-Findeisen Co., misc.....	do.....	9 00
1831.	Oct. 17.	Jesse E. Moore, misc.....	do.....	3 75
1832.	Oct. 17.	Oshkosh Gas Light Co., mtg.....	do.....	12 14
1833.	Oct. 17.	Oshkosh Gas Light Co., rep.....	do.....	4 00
1834.	Oct. 17.	Oshkosh Gas Light Co., ltg.....	do.....	18 15
1835.	Oct. 17.	Paine Lumber Co., misc.....	do.....	35 65
1836.	Oct. 17.	Post Publishing Co., r. b.....	do.....	120 24
1837.	Oct. 17.	Gustav Stickley, r. b.....	do.....	3 00
1838.	Oct. 17.	Weeden Drug Co., misc.....	do.....	3 30
1839.	Oct. 17.	Wis. Telephone Co., misc.....	do.....	10 80
1840.	Oct. 17.	Pay roll, sals.....	Platteville	3,264 50
1841.	Oct. 17.	American Book Co., t. b.....	do.....	45 60
1842.	Oct. 17.	John Dennis, furn.....	do.....	13 25
1844.	Oct. 17.	J. E. Fawcett, furn.....	do.....	14 50
1845.	Oct. 17.	Garden City Ed. Co., a & c.....	do.....	21 01
1846.	Oct. 17.	J. J. Gray, fuel.....	do.....	302 39
1847.	Oct. 17.	Griffin & Voss, bldg.....	do.....	109 77
1848.	Oct. 17.	Mrs. Lena Henry, sal.....	do.....	11 57
1849.	Oct. 17.	Herman Andrae El. Co., bldg.....	do.....	142 00
1850.	Oct. 17.	Mrs. Julia Hull, sal.....	do.....	18 75
1851.	Oct. 17.	Mrs. Lucy Ivens, sal.....	do.....	18 75
1852.	Oct. 17.	Imperial Brush Co., misc.....	do.....	13 50
1853.	Oct. 17.	Lusky, White & Coolidge, a & c.....	do.....	12 15
1854.	Oct. 17.	A. C. McClurg & Co., t. b.....	do.....	53 98
1855.	Oct. 17.	Orr & Lockett, a. & c.....	Platteville.	6 31
1856.	Oct. 17.	Row, Peterson & Co., t. b.....	do.....	8 64
1857.	Oct. 17.	J. A. Silver, misc.....	do.....	42 27
1858.	Oct. 17.	J. A. Silver, bldg.....	do.....	18 75
1859.	Oct. 17.	J. A. Silver, fuel.....	do.....	101 27
1860.	Oct. 17.	Gustav Stickley, a & c.....	do.....	6 10
1861.	Oct. 17.	John Warne, bid.....	do.....	2 70
1862.	Oct. 17.	Pay roll, sals.....	River Falls	2,855 00
1863.	Oct. 17.	American Book Co. t. b.....	do.....	9 00
1864.	Oct. 17.	Laura F. Angell, sal.....	do.....	65 00
1865.	Oct. 17.	D. Appleton & Co., t. b.....	do.....	4 92
1866.	Oct. 17.	F. L. Baker, misc.....	do.....	7 77
1867.	Oct. 17.	Central Scientific Co., a & c.....	do.....	44 39
1868.	Oct. 17.	Chippewa Falls Const. Co., bldg.....	do.....	2,503 78
1869.	Oct. 17.	Ginn & Company, t. b.....	do.....	4 02
1870.	Oct. 17.	C. C. Glass, sta.....	do.....	5 75
1871.	Oct. 17.	D. C. Heath & Co., t. b.....	do.....	33 08
1872.	Oct. 17.	D. E. Jones, rep.....	do.....	2 50
1873.	Oct. 17.	Bessie E. Jones, r. b.....	do.....	75
1874.	Oct. 17.	Kennedy, McLeod, McArthur Co., misc.....	do.....	13 88
1875.	Oct. 17.	John Leslie Paper Co., misc.....	do.....	47 45
1876.	Oct. 17.	Consolidated Lmbr. Co., fuel.....	do.....	135 64
1877.	Oct. 17.	I. I. Lusk, furn.....	do.....	8 40
1878.	Oct. 17.	Nan & Schmidt Music Co., misc.....	do.....	2 72
1879.	Oct. 17.	O. W. Newcomb, bldg.....	do.....	104 45
1880.	Oct. 17.	Norseng Bros. misc.....	do.....	22 87
1881.	Oct. 17.	Pierce Co. Telephone Co., misc.....	do.....	15 00
1882.	Oct. 17.	C. F. Ritchey, misc.....	do.....	1 62
1883.	Oct. 17.	City of River Falls, ltg.....	do.....	19 75
1884.	Oct. 17.	Singer Sewing Mch. Co., a & c.....	do.....	35 00
1885.	Oct. 17.	Subscription News Co., r. b.....	do.....	5 00
1886.	Oct. 17.	C. F. Winter, misc.....	do.....	2 75
1887.	Oct. 17.	Elsie Gates Fletcher, sal.....	do.....	7 50

List of Vouchers Paid, 1907-1908.

1888.	Oct. 17.	Pay roll, sals.....	Stevens Point	3,292 50
1889.	Oct. 17.	Walter Baldwin, rep.....	do.....	9 18
1890.	Oct. 17.	Bausch & Lomb Opt. Co., misc.....	do.....	79 93
1891.	Oct. 17.	Nina Chenevert, sal.....	do.....	9 00
1892.	Oct. 17.	Thomas Charles Co., misc.....	do.....	15 77
1893.	Oct. 17.	Genevieve Clifford, sal.....	do.....	3 00
1894.	Oct. 17.	B. F. Cummins Co., a & c.....	do.....	25 00
1895.	Oct. 17.	Blanche V. Dafoe, sal.....	do.....	5 62
1896.	Oct. 17.	Gross & Jacobs, rep.....	do.....	5 01
1897.	Oct. 17.	Langenberg Brick Mfg. Co. rep.....	do.....	9 29
1898.	Oct. 17.	Dora McNutt, sal.....	do.....	1 56
1899.	Oct. 17.	H. D. McCulloch Co., misc.....	do.....	9 91
1900.	Oct. 17.	F. H. Murray, misc.....	do.....	12 81
1901.	Oct. 17.	National Distilling Co., misc.....	do.....	24 23
1902.	Oct. 17.	National Express Co., misc.....	do.....	6 95
1903.	Oct. 17.	National Express Co., misc.....	do.....	6 87
1904.	Oct. 17.	A. P. W. Paper Co., misc.....	do.....	25 50
1905.	Oct. 17.	Paul Pierce, rep.....	do.....	6 47
1906.	Oct. 17.	Prang Edu. Co., misc.....	do.....	32 64
1907.	Oct. 17.	Red Wing Union Stoneware Co., misc.....	do.....	6 08
1908.	Oct. 17.	Benj. H. Sanborn & Co., t. b.....	do.....	14 40
1909.	Oct. 17.	Winnie Shumway, sal.....	do.....	5 00
1910.	Oct. 17.	Myron Williams, rep.....	do.....	16 13
1911.	Oct. 17.	Pay roll, sals.....	Superior	3,112 50
1912.	Oct. 17.	Bemis Bag & Paper Co., misc.....	do.....	7 00
1913.	Oct. 17.	Bemis Bag & Paper Co., sta.....	do.....	5 75
1914.	Oct. 17.	Bemis Bag & Paper Co., misc.....	do.....	5 51
1915.	Oct. 17.	Bemis Bag & Paper Co., sta.....	do.....	5 15
1916.	Oct. 17.	H. A. Bielefeldt, sal.....	do.....	8 10
1917.	Oct. 17.	J. Bishop & Co., a & c.....	do.....	3 31
1918.	Oct. 17.	Central Scientific Co., a & c.....	do.....	48 72
1919.	Oct. 17.	Douglas Co. Tel Co., misc.....	do.....	13 50
1920.	Oct. 17.	W. M. Edmont, furn.....	do.....	37 50
1921.	Oct. 17.	D. M. Foster, misc.....	do.....	2 06
1923.	Oct. 17.	Enoch Fuller, sal.....	do.....	3 15
1924.	Oct. 17.	Ginn & Co., t. b.....	do.....	13 25
1925.	Oct. 17.	Ginn & Company, t. b.....	do.....	5 23
1927.	Oct. 17.	Gunda Gunderson, misc.....	do.....	5 00
1928.	Oct. 17.	Henry Holt & Co., r. b.....	do.....	2 50
1929.	Oct. 17.	Houghton, Mifflin & Co., t. b.....	do.....	18 00
1930.	Oct. 17.	Library Bureau, r. b.....	do.....	4 32
1931.	Oct. 17.	Lightbody-Wingate Co., misc.....	do.....	2 33
1932.	Oct. 17.	Longmans, Green & Co., t. b.....	do.....	6 00
1933.	Oct. 17.	R. C. Mast, sta.....	do.....	4 00
1934.	Oct. 17.	M. May Furniture Co., furn.....	Superior..	34 70
1935.	Oct. 17.	N. W. Machine Wks., rep.....	do.....	23 40
1936.	Oct. 17.	V. E. McCaskill, sta.....	do.....	12 48
1937.	Oct. 17.	V. E. McCaskill, sta.....	do.....	22 85
1938.	Oct. 17.	The Macmillan Co., t. b.....	do.....	9 74
1939.	Oct. 17.	Wm. O'Connor, misc.....	do.....	11 08
1940.	Oct. 17.	M. O'Hara, sal.....	do.....	6 66
1941.	Oct. 17.	Rogers-Ruger Lmbr. Co., rep.....	do.....	1 80
1942.	Oct. 17.	Roth Bros. Co., misc.....	do.....	2 69
1943.	Oct. 17.	Russell Creamery Co., misc.....	do.....	4 01
1944.	Oct. 17.	Rufus Scoon, sal.....	do.....	3 15
1945.	Oct. 17.	Rufus Scoon, sal.....	do.....	1 00
1946.	Oct. 17.	Silver-Tonsberg Co., sta.....	do.....	6 00
1947.	Oct. 17.	Superior Hdw. Co., misc.....	do.....	1 95
1948.	Oct. 17.	S. W. L. & P. Co., w. r.....	do.....	48 72
1949.	Oct. 17.	Pay roll, sals.....	Whitewater	3,211 00
1950.	Oct. 17.	American Seating Co., furn.....	do.....	15 75
1951.	Oct. 17.	Henry Baade, misc.....	do.....	4 61
1952.	Oct. 17.	Baker Paper Co., t. b.....	do.....	15 10
1953.	Oct. 17.	C. M. Barnes Co., t. b.....	do.....	20 49
1954.	Oct. 17.	Gustav Brummund, sal.....	do.....	10 00
1956.	Oct. 17.	C. P. Cary, r. b.....	do.....	15 00
1957.	Oct. 17.	R. D. Cresson, rep.....	do.....	15 00
1958.	Oct. 17.	Ginn & Co., t. b.....	do.....	27 45
1959.	Oct. 17.	Henry Holt & Co., t. b.....	do.....	5 60
1960.	Oct. 17.	Ed. Joslin, t. b.....	do.....	13 10
1961.	Oct. 17.	Katherine H. Law, misc.....	do.....	13 00

List of Vouchers Paid, 1907-1908.

1962.	Oct. 17.	Edward P. Martin Co., a & c.....	Whitewater	50 00
1963.	Oct. 17.	E. R. Nichols & Co., misc.....	do	34 40
1964.	Oct. 17.	R. O'Connor & Son, sta.....	do	10 20
1965.	Oct. 17.	Prang Edu. Co., misc.....	do	15 00
1966.	Oct. 17.	Public School Publishing Co., t. b.....	do	6 25
1967.	Oct. 17.	Rand & McNally, a. & c.....	do	12 50
1968.	Oct. 17.	Albert Salisbury, misc.....	do	16 45
1969.	Oct. 17.	Whitewater Electric Ltg. Co., Itg.....	do	21 30
1970.	Oct. 17.	Whitewater El. Ltg. Co., misc.....	do	42 40
1971.	Oct. 17.	The Whitewater Register, sta.....	do	9 75
1972.	Oct. 17.	Wis. Dairy Supply Co., misc.....	do	3 85
1973.	Oct. 17.	W. H. Cheever, sal. & exp.....	Institute	53 02
1974.	Oct. 17.	Wis. Telephone Co., gen exp.....	Board	4 70
1975.	Oct. 17.	Library Bureau, gen. exp.....	do	1 00
1976.	Oct. 17.	Dane County Tel. Co., gen. exp.....	do	8 00
1977.	Oct. 17.	William Kittle, exp. of office & sec'y.....	do	39 80
1978.	Oct. 17.	Vivian Baker, gen. exp.....	do	60 00
1979.	Oct. 17.	William Kittle, sec'y's exp. & ser.....	do	165 66
1980.	Oct. 17.	C. D. McFarland, reg. exp.....	do	107 07
Total Audit October 17, 1907.....				\$31,706 53
1981.	Nov. 15.	Pay roll, sals.....	Milwaukee	\$4,520 00
1982.	Nov. 15.	D. Appleton & Co., t. b.....	do	21 35
1983.	Nov. 15.	Bausch & Lomb Optical Co. a & c.....	do	4 57
1984.	Nov. 15.	Bond & Sarnow, misc.....	do	4 65
1985.	Nov. 15.	Bunde & Upmeyer, furn.....	do	5 50
1986.	Nov. 15.	Maud Burdick, misc.....	do	2 13
1987.	Nov. 15.	M. A. Bussewitz, misc.....	do	4 59
1988.	Nov. 15.	T. A. Chapman & Co., misc.....	do	2 46
1989.	Nov. 15.	Mrs. Chas. Coursan, misc.....	do	2 50
1990.	Nov. 15.	Cummings Boulevard Land Co. bid.....	do	60,000 00
1991.	Nov. 15.	Espenhain Dry Goods Co., misc.....	do	15 54
1992.	Nov. 15.	Mrs. M. H. Grenlich, misc.....	do	2 00
1993.	Nov. 15.	Gimbel Bros., misc.....	do	55 74
1994.	Nov. 15.	Ginn & Co., t. b.....	do	2 27
1995.	Nov. 15.	Otto Goebel, misc.....	do	8 50
1996.	Nov. 15.	Houghton, Mifflin Co., t. b.....	do	16 00
1997.	Nov. 15.	A. C. McClurg & Co., r. b.....	do	130 46
1998.	Nov. 15.	Chas. McKenny, misc.....	do	10 18
1999.	Nov. 15.	Milwaukee Gas Light Co., Itg.....	do	23 76
2000.	Nov. 15.	I. N. Mitchell, misc.....	do	2 91
2001.	Nov. 15.	Quin Blank Bk. & Sta. Co., misc.....	do	5 88
2002.	Nov. 15.	C. H. Sears, misc.....	do	2 92
2003.	Nov. 15.	Herman Voss Co., t. b.....	do	20 60
2004.	Nov. 15.	Gust. Wagner, r. b.....	do	5 00
2005.	Nov. 15.	R. Wagner, misc.....	do	3 25
2006.	Nov. 15.	H. H. West Company, misc.....	do	5 55
2007.	Nov. 15.	Wisconsin Telephone Co., misc.....	do	18 00
2008.	Nov. 15.	Yahr & Lang Drug Co, misc.....	do	4 37
2009.	Nov. 15.	Pay roll, sals.....	Oshkosh	4,852 50
2010.	Nov. 15.	American Exp. Co., misc.....	do	2 25
2011.	Nov. 15.	D. P. Birdsall, sal.....	do	20 00
2012.	Nov. 15.	Ralph M. Burtis Co., rep.....	do	45 13
2013.	Nov. 15.	Cora I. Coxshall, sal.....	do	10 00
2014.	Nov. 15.	Louis Baldauf, misc.....	do	9 15
2015.	Nov. 15.	Ginn & Co., t. b.....	do	51 86
2016.	Nov. 15.	Ginn & Co., t. b.....	do	13 50
2017.	Nov. 15.	Amelia Haedt, misc.....	do	10 00
2018.	Nov. 15.	Hay Hardware Co., rep.....	do	11 32
2019.	Nov. 15.	Harper & Bros., r. b.....	do	3 23
2020.	Nov. 15.	D. C. Heath & Co., t. b.....	do	24 91
2021.	Nov. 15.	Winifred Johnson, sal.....	do	4 00
2022.	Nov. 15.	Addie Libert, sal.....	do	5 00
2023.	Nov. 15.	A. C. McClurg & Co., r. b.....	do	15 12
2024.	Nov. 15.	Miller Lock Co., rep.....	do	19 80
2025.	Nov. 15.	Mrs. Mary Moody, misc.....	do	4 00
2026.	Nov. 15.	Jesse E. Moore, misc.....	do	6 25
2027.	Nov. 15.	Oshkosh Water Works Co., wr.....	do	79 16
2028.	Nov. 15.	F. A. Plummer Co., misc.....	do	3 72

List of Vouchers Paid, 1907-1908.

2029.	Nov. 15.	Vincent Poor, sal.....	Oshkosh	35 00
2030.	Nov. 15.	Reginald Sanders, sal.....	do.....	20 00
2031.	Nov. 15.	G. Shirmer, t. b.....	do.....	2 79
2032.	Nov. 15.	E. L. Schroeder, sal.....	do.....	15 00
2033.	Nov. 15.	Marie Sherburne, sta.....	do.....	41 39
2034.	Nov. 15.	Toner Plumb. & Heat Co., rep.....	do.....	26 55
2035.	Nov. 15.	U. S. Express Co., misc.....	do.....	1 90
2036.	Nov. 15.	C. E. Westgate, misc.....	do.....	5 00
2037.	Nov. 15.	H. W. Wilson Co., r. b.....	do.....	6 00
2038.	Nov. 15.	Pay roll, sals.....	Platteville.	\$3,330 00
2039.	Nov. 15.	American Book Co., t. b.....	do.....	15 91
2040.	Nov. 15.	A. H. Anderson Co., misc.....	do.....	13 05
2041.	Nov. 15.	C. C. Birchard, t. b.....	do.....	24 00
2042.	Nov. 15.	C. S. Brimley, a. & c.....	do.....	18 45
2043.	Nov. 15.	Central Scientific Co., furn.....	do.....	186 66
2044.	Nov. 15.	Thos. Charles Co., furn.....	do.....	5 40
2045.	Nov. 15.	J. E. Fawcett Hdw. Co., furn.....	do.....	54 49
2046.	Nov. 15.	Geo. Fox & Sons, furn.....	do.....	204 75
2047.	Nov. 15.	Lloyd France, bld.....	do.....	12 35
2048.	Nov. 15.	C. E. Gilmore, bld.....	do.....	6 00
2049.	Nov. 15.	C. E. Gilmore, misc.....	do.....	6 65
2050.	Nov. 15.	J. J. Gray, fuel.....	do.....	468 67
2051.	Nov. 15.	Edward Hindes, bld.....	do.....	2 00
2052.	Nov. 15.	Houghton, Mifflin & Co., r. b.....	do.....	5 51
2053.	Nov. 15.	Henry Holt & Co., t. b.....	do.....	39 74
2054.	Nov. 15.	Hudson & Frye, sal.....	do.....	3 00
2055.	Nov. 15.	Mrs. Julia Hull, sal.....	do.....	30 37
2056.	Nov. 15.	J. S. Hemenway & Co., furn.....	do.....	35 00
2057.	Nov. 15.	H. R. Hutting Co., r. b.....	do.....	12 50
2058.	Nov. 15.	Keystone Driller Co., furn.....	do.....	19 83
2059.	Nov. 15.	Paul J. Lewis, bld.....	do.....	2 00
2060.	Nov. 15.	Louis B. Malechi Co., misc.....	do.....	12 50
2061.	Nov. 15.	Macmillan Co., t. b.....	do.....	41 60
2062.	Nov. 15.	Jessie McGregor, sal.....	do.....	40 00
2063.	Nov. 15.	A. H. Nehls & Co., misc.....	do.....	177 35
2064.	Nov. 15.	A. H. Nehls & Co., r. b.....	do.....	17 15
2065.	Nov. 15.	A. H. Nehls & Co., misc.....	do.....	5 90
2066.	Nov. 15.	Oettiker Hdw. Co., furn.....	do.....	33 58
2067.	Nov. 15.	Oettiker Hdw Co., rep.....	do.....	1 14
2068.	Nov. 15.	O. L. Packard Mch. Co., furn.....	do.....	39 53
2069.	Nov. 15.	John D. Plapp, bld.....	do.....	839 95
2070.	Nov. 15.	Will Reynolds, bld.....	do.....	5 75
2071.	Nov. 15.	H. A. Robinson, furn.....	do.....	4 70
2072.	Nov. 15.	E. H. Sargent Co., a. & c.....	do.....	19 01
2073.	Nov. 15.	H. M. Sheer Co., a. & c.....	do.....	13 25
2074.	Nov. 15.	Geo. G. Smith, misc.....	do.....	3 00
2075.	Nov. 15.	Smiley & Marshall, bld.....	do.....	331 57
2076.	Nov. 15.	Smiley & Marshall, bld.....	do.....	156 06
2077.	Nov. 15.	W. C. Toles Co., furn.....	do.....	124 00
2078.	Nov. 15.	Benj. Webster, misc.....	do.....	42 44
2079.	Nov. 15.	Edward Agan, bld.....	do.....	35 00
2080.	Nov. 15.	Pay roll, sals.....	River Falls	\$2,891 00
2081.	Nov. 15.	American Book Co., t. b.....	do.....	17 52
2082.	Nov. 15.	Laura F. Angell, misc.....	do.....	65 00
2083.	Nov. 15.	F. L. Baker, misc.....	do.....	5 05
2084.	Nov. 15.	F. L. Baker, bld.....	do.....	22 35
2085.	Nov. 15.	A. D. Benson, rep.....	do.....	10 00
2086.	Nov. 15.	W. J. Brier, misc.....	do.....	32 48
2087.	Nov. 15.	R. M. Briggs, rep.....	do.....	2 25
2088.	Nov. 15.	City of River Falls, rep.....	do.....	54 87
2089.	Nov. 15.	Thos. Charles Co., misc.....	do.....	7 03
2090.	Nov. 15.	A. B. Dick Co., sta.....	do.....	24 43
2091.	Nov. 15.	Dunn Bros., bld.....	do.....	51 90
2092.	Nov. 15.	A. Flanagan Co., misc.....	do.....	29 17
2093.	Nov. 15.	Garden City Edu. Co., misc.....	do.....	12 15
2094.	Nov. 15.	D. C. Heath & Co., t. b.....	do.....	2 15
2095.	Nov. 15.	Joerns Bros., a. & c.....	do.....	4 75
2096.	Nov. 15.	Johnson Service Co., bld.....	do.....	59 54
2097.	Nov. 15.	Bessie E. Jones, t. b.....	do.....	4 75
2098.	Nov. 15.	Library of Congress, misc.....	do.....	28 13
2099.	Nov. 15.	John Leslie Paper Co., sta.....	do.....	16 57
2100.	Nov. 15.	A. C. McClurg Co., r. b.....	do.....	10 09

List of Vouchers Paid, 1907-1908.

2101.	Nov. 15.	D. A. Ostrom, rep.....	River Falls	19 80
2102.	Nov. 15.	Quarto Slate Co., bld.....	do.....	95 28
2103.	Nov. 15.	Silver, Burdett Co., t. b.....	do.....	15 40
2104.	Nov. 15.	Waldorf Bindery Co., r. b.....	do.....	40 00
2105.	Nov. 15.	C. F. Winter, furn.....	do.....	83 15
2105a.	Nov. 15.	Jessie N. Smith.....	do.....	29 75
2106.	Nov. 15.	Pay roll, sals.....	Stevens Point	\$3,325 50
2107.	Nov. 15.	Allyn & Bacon, t. b.....	do.....	1 66
2108.	Nov. 15.	American Seating Co., rep.....	do.....	1 20
2109.	Nov. 15.	Baker Paper Co., sta.....	do.....	39 50
2110.	Nov. 15.	C. C. Birchard & Co., t. b.....	do.....	32 40
2111.	Nov. 15.	Hammacher, Schlemmer & Co., misc.....	do.....	5 42
2112.	Nov. 15.	H. R. Huntling & Co., r. b.....	do.....	6 78
2113.	Nov. 15.	Johnson Service Co., a. & c.....	do.....	35 00
2114.	Nov. 15.	C. Krembs & Bro., misc.....	do.....	14 13
2115.	Nov. 15.	Library Bureau, sta.....	do.....	6 10
2116.	Nov. 15.	W. E. Macklin, misc.....	do.....	12 25
2117.	Nov. 15.	Macmillan Co., t. b.....	do.....	10 06
2118.	Nov. 15.	A. C. McClurg & Co., sta.....	do.....	32 07
2119.	Nov. 15.	A. C. McClurg & Co., t. b.....	do.....	42 21
2120.	Nov. 15.	F. H. Murray, misc.....	do.....	12 98
2121.	Nov. 15.	A. J. Nystrom & Co., misc.....	do.....	8 15
2122.	Nov. 15.	David Olson, r. b.....	do.....	2 34
2123.	Nov. 15.	Reading & Newman, misc.....	do.....	26 96
2124.	Nov. 15.	Scott, Foresmann & Co., t. b.....	do.....	53 24
2125.	Nov. 15.	John F. Sims, misc.....	do.....	19 89
2126.	Nov. 15.	J. B. Sullivan & Co., rep.....	do.....	43 43
2127.	Nov. 15.	C. H. Stoelting & Co., misc.....	do.....	14 90
2128.	Nov. 15.	F. A. Sustins, rep.....	do.....	25 15
2129.	Nov. 15.	Wis. Best Laundry Co., misc.....	do.....	42 84
2130.	Nov. 15.	Wis. Telephone Co., misc.....	do.....	16 95
2131.	Nov. 15.	Pay roll, sals.....	Superior.	\$3,102 50
2132.	Nov. 15.	American Book Co., t. b.....	do.....	1 11
2133.	Nov. 15.	American Book Co., t. b.....	do.....	15 76
2134.	Nov. 15.	Brown-Yale Co., misc.....	do.....	7 31
2135.	Nov. 15.	H. A. Bielefeldt, misc.....	do.....	14 40
2136.	Nov. 15.	Bemis Bag & Paper Co., sta.....	do.....	5 00
2137.	Nov. 15.	Bemis Bag & Paper Co., sta.....	do.....	2 70
2138.	Nov. 15.	Bemis Bag & Paper Co., sta.....	do.....	1 81
2139.	Nov. 15.	Bemis Bag & Paper Co., sta.....	do.....	4 00
2140.	Nov. 15.	Bemis Bag & Paper Co., sta.....	do.....	42 00
2141.	Nov. 15.	Bemis Bag & Paper Co., sta.....	do.....	30
2142.	Nov. 15.	H. J. Cameron, rep.....	do.....	6 06
2143.	Nov. 15.	Central Scientific Co., a. & c.....	do.....	9 85
2144.	Nov. 15.	Thomas Charles Co., misc.....	do.....	13 18
2145.	Nov. 15.	Thomas Charles Co., misc.....	do.....	3 67
2146.	Nov. 15.	Con. Stamp & Sta. Co., t. b.....	do.....	4 00
2147.	Nov. 15.	Evening Telegram Co., ptg.....	do.....	29 00
2148.	Nov. 15.	Evening Telegram Co., bld.....	do.....	14 85
2149.	Nov. 15.	Finch Fuel Co., fuel.....	do.....	155 35
2150.	Nov. 15.	Finch Fuel Co., fuel.....	do.....	146 95
2151.	Nov. 15.	D. M. Foster, misc.....	do.....	1 98
2152.	Nov. 15.	Enoch Fuller, misc.....	do.....	5 35
2153.	Nov. 15.	Fred Frick Clock Co., furn.....	do.....	99 90
2154.	Nov. 15.	Germania Herold Assoc., bld.....	do.....	20 10
2155.	Nov. 15.	Gunda Gunderson, sal.....	do.....	5 00
2156.	Nov. 15.	Ginn & Co., t. b.....	do.....	1 78
2157.	Nov. 15.	Ginn & Co., t. b.....	do.....	19 44
2158.	Nov. 15.	Marine Biological Laboratory.....	do.....	20 20
2159.	Nov. 15.	V. E. McCaskill, a. & c.....	do.....	2 81
2160.	Nov. 15.	V. E. McCaskill, misc.....	do.....	27 55
2161.	Nov. 15.	V. E. McCaskill, misc.....	do.....	10 89
2162.	Nov. 15.	V. E. McCaskill, misc.....	do.....	21 46
2170.	Nov. 15.	Superior Hdw. Co., misc.....	do.....	8 96
2163.	Nov. 15.	Loren McQueen, misc.....	do.....	6 46
2164.	Nov. 15.	Minneapolis Imp. Bulletin, bld.....	do.....	15 00
2165.	Nov. 15.	Neil & Co., Itg.....	do.....	4 98
2166.	Nov. 15.	Wm. O'Connor, misc.....	do.....	17 12
2167.	Nov. 15.	Pease Hdw. Co., misc.....	do.....	8 97
2168.	Nov. 15.	Thos. Roen, sta.....	do.....	7 00

List of Vouchers Paid, 1907-1908.

2169.	Nov. 15.	Rogers-Ruger Lumber Co., rep.....	Superior..	6 83
2171.	Nov. 15.	Superior Ship Bldg. Co., rep.....	do.....	12 50
2172.	Nov. 15.	S. W. L. & P. Co., fuel.....	do.....	70 20
2173.	Nov. 15.	Twohy-Eimon Merc. Co., misc.....	do.....	6 75
2174.	Nov. 15.	Pay roll, sals.....	Whitewater.	\$3,220 00
2175.	Nov. 15.	Bausch & Lomb Optical Co., a. & c.....	do.....	154 05
2176.	Nov. 15.	F. R. Bloodgood, sta.....	do.....	5 50
2177.	Nov. 15.	Gustave Brummund, sal.....	do.....	10 00
2178.	Nov. 15.	F. L. Burdick, sal.....	do.....	20 00
2179.	Nov. 15.	Thos. Charles Co., misc.....	do.....	4 96
2180.	Nov. 15.	G. W. Coburn, misc.....	do.....	37 27
2181.	Nov. 15.	Currie Bros., misc.....	do.....	4 75
2182.	Nov. 15.	Ginn & Company, t. b.....	do.....	42 53
2183.	Nov. 15.	James R. Gray, a. & c.....	do.....	9 00
2184.	Nov. 15.	Howard Chemical Co., misc.....	do.....	3 00
2185.	Nov. 15.	J. N. Humphrey, t. b.....	do.....	9 00
2186.	Nov. 15.	W. H. Johns-Manville Co., misc.....	do.....	3 50
2187.	Nov. 15.	Johnson Service Co., rep.....	do.....	25 63
2188.	Nov. 15.	Lawton Brush Mfg. & Sup. Co., misc.....	do.....	3 80
2189.	Nov. 15.	W. B. Lewis, misc.....	do.....	6 75
2190.	Nov. 15.	Library Bureau, furn.....	do.....	29 00
2191.	Nov. 15.	A. C. McClurg & Co., t. b.....	do.....	3 84
2192.	Nov. 15.	Albert Phillips, misc.....	do.....	5 00
2193.	Nov. 15.	Wm. Rohlfing & Sons, rep.....	do.....	8 00
2194.	Nov. 15.	Chas. Scribners Sons, t. b.....	do.....	13 20
2195.	Nov. 15.	Subscription News Co., misc.....	do.....	11 80
2196.	Nov. 15.	C. M. Williams, r. b.....	do.....	10 00
2197.	Nov. 15.	Whitewater Electric Light Co., Itg.....	do.....	25 05
2198.	Nov. 15.	The Whitewater Register, sta.....	do.....	5 25
2199.	Nov. 15.	Wis. Telephone Co., misc.....	do.....	5 70
2200.	Nov. 15.	Howard Winn, misc.....	do.....	47 00
2201.	Nov. 15.	W. H. Cheever, sal. and exp.....	Institute..	\$56 50
2202.	Nov. 15.	W. C. Hewitt, sal. and exp.....	do.....	45 33
2203.	Nov. 15.	F. S. Hyer, sal. and exp.....	do.....	54 46
2204.	Nov. 15.	F. S. Hyer, sal. and exp.....	do.....	36 07
2205.	Nov. 15.	F. S. Hyer, sal. and exp.....	do.....	48 70
2206.	Nov. 15.	A. M. Olson, sal. and exp.....	do.....	71 25
2207.	Nov. 15.	A. M. Olson, sal. and exp.....	do.....	67 78
2208.	Nov. 15.	A. M. Olson, sal. and exp.....	do.....	125 75
2209.	Nov. 15.	A. M. Olson, sal. and exp.....	do.....	63 51
2210.	Nov. 15.	C. E. Slothower, sal. and exp.....	do.....	104 50
2212.	Nov. 15.	O. J. Schuster, sal. and exp.....	do.....	54 44
2213.	Nov. 15.	Vivian S. Baker, gen. exp.....	Board.....	60 00
2214.	Nov. 15.	Cantwell Printing Co., gen. exp.....	do.....	3 00
2215.	Nov. 15.	William Kittle, secy's, services.....	do.....	166 66
2216.	Nov. 15.	William Kittle, exp. and office.....	do.....	58 52
2217.	Nov. 15.	O. J. Schuster, gen. exp.....	do.....	4 25
2218.	Nov. 15.	T. W. Youmans, Regent's exp.....	do.....	13 53
Total audit Nov. 15, 1907.....				\$92,857 70

No.	Date.	Name.	City.	Amount.
2219.	Dec. 17.	Pay roll, sals.....	Milwaukee..	\$4,509 00
2220.	Dec. 17.	American Book Co., t. b.....	do.....	5 78
2221.	Dec. 17.	C. C. Bircard & Co., t. b.....	do.....	240 00
2222.	Dec. 17.	F. H. Bresler Co., misc.....	do.....	2 85
2223.	Dec. 17.	Bureau of University Travel, misc.....	do.....	16 95
2224.	Dec. 17.	Thomas Charles Co., misc.....	do.....	14 54
2225.	Dec. 17.	Drake Bros. Co., misc.....	do.....	2 12
2226.	Dec. 17.	Gas Consumer's Assoc., Itg.....	do.....	3 00
2227.	Dec. 17.	Goll & Frank Co., misc.....	do.....	5 44
2228.	Dec. 17.	Hendee-Bamford-Crandall Co., sta.....	do.....	100 75
2229.	Dec. 17.	B. Hoffman Mfg. Co., misc.....	do.....	89
2230.	Dec. 17.	F. Knorr, misc.....	do.....	15 00
2231.	Dec. 17.	Library Bureau, r. b.....	do.....	10 69
2232.	Dec. 17.	The Macmillan Co., r. b.....	do.....	5 00
2233.	Dec. 17.	McIntosh Stereopt. Co., a. and c.....	do.....	12 00
2234.	Dec. 17.	Chas. McKenny, t. b.....	do.....	20 84

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2235.	Dec. 17.	Irving E. Miller, misc.....Milwaukee..	5 00
2236.	Dec. 17.	Milwaukee Dustless Brush Co., misc.....do.....	2 50
2237.	Dec. 17.	Mil. Gas Light Co., Itg.....do.....	32 64
2238.	Dec. 17.	The Monarch Typwr. Co., misc.....do.....	70 00
2239.	Dec. 17.	C. E. Patzer, misc.....do.....	8 39
2240.	Dec. 17.	Fred Schmidt, sal.....do.....	46 50
2241.	Dec. 17.	Louis Schokucket, misc.....do.....	4 95
2242.	Dec. 17.	Siekert & Baum Sta. Co., misc.....do.....	7 63
2243.	Dec. 17.	Standard Paper Co., misc.....do.....	26 91
2244.	Dec. 17.	Nina C. Vandewalker, misc.....do.....	3 16
2245.	Dec. 17.	Herman Voss Co., r. b.....do.....	12 35
2246.	Dec. 17.	Yahr & Lange Drug Co., misc.....do.....	7 55
2247.	Dec. 17.	Pay roll, sals.....Oshkosh..	\$5,081 00
2248.	Dec. 17.	American Book Co., t. b.....do.....	13 95
2249.	Dec. 17.	American Book Co., t. b.....do.....	6 15
2250.	Dec. 17.	American Express Co., t. b.....do.....	2 25
2251.	Dec. 17.	A. W. Ballard & Sons Co., rep.....do.....	1 50
2252.	Dec. 17.	Bausch & Lomb Opt. Co., a. & c.....do.....	48 28
2253.	Dec. 17.	Ralph M. Burtis Co., rep.....do.....	49 85
2254.	Dec. 17.	Ralph M. Burtis Co., rep.....do.....	31 98
2255.	Dec. 17.	Campbell & Cameron Co., fuel.....do.....	18 38
2256.	Dec. 17.	Castle Pierce Prtg. Co., sta.....do.....	8 50
2257.	Dec. 17.	Central Construction Co., rep.....do.....	3 58
2258.	Dec. 17.	Century Co., f. b.....do.....	57 88
2259.	Dec. 17.	Thomas Charles Co., misc.....do.....	6 92
2260.	Dec. 17.	Clough & Co., prf.....do.....	5 87
2261.	Dec. 17.	Cora I. Coxshall, sal.....do.....	8 00
2262.	Dec. 17.	E. M. Crane, sta.....do.....	25 00
2263.	Dec. 17.	M. A. Donohue Co., sta.....do.....	4 05
2264.	Dec. 17.	Evans Bros., misc.....do.....	75
2265.	Dec. 17.	Ginn & Co., t. b.....do.....	6 58
2266.	Dec. 17.	Ginn & Co., t. b.....do.....	16 84
2267.	Dec. 17.	Grumiaux News & Subs Co., r. b.....do.....	170 24
2268.	Dec. 17.	Hav Hdw. Co., misc.....do.....	12 12
2269.	Dec. 17.	Millow Henderson, misc.....do.....	6 25
2270.	Dec. 17.	Hicks Printing Co., misc.....do.....	5 25
2271.	Dec. 17.	Houghton-Mifflin Co., t. b.....do.....	5 55
2272.	Dec. 17.	Winifred Johnson, sal.....do.....	4 00
2273.	Dec. 17.	A. J. Latten, misc.....do.....	28 18
2274.	Dec. 17.	Addie Libert, sal.....do.....	8 00
2275.	Dec. 17.	Macmillan Co., t. b.....do.....	6 55
2276.	Dec. 17.	Macmillan Co., t. b.....do.....	7 75
2277.	Dec. 17.	Macmillan Co., t. b.....do.....	9 19
2278.	Dec. 17.	The R. McMillen Co., misc.....do.....	15 63
2279.	Dec. 17.	Frank Mallien, misc.....do.....	5 62
2280.	Dec. 17.	Frank Mallien, misc.....do.....	16 00
2281.	Dec. 17.	A. C. McClurg & Co., r. b.....do.....	1 60
2282.	Dec. 17.	O. McCarrison, misc.....do.....	32 50
2283.	Dec. 17.	Medberry-Findelsen Co., misc.....do.....	3 60
2284.	Dec. 17.	Monash-Younker Co., rep.....do.....	6 88
2285.	Dec. 17.	Jesse F. Moore, misc.....do.....	19 82
2286.	Dec. 17.	C. C. Morton & Co., misc.....do.....	52 50
2287.	Dec. 17.	Norrvena Society, r. b.....do.....	28 60
2288.	Dec. 17.	Oshkosh Gas Light Co., Itg.....do.....	33 89
2289.	Dec. 17.	Oshkosh Gas Light Co., Itg.....do.....	16 44
2290.	Dec. 17.	Oshkosh Gas Light Co., Itg.....do.....	11 78
2291.	Dec. 17.	Oshkosh Gas Light Co., Itg.....do.....	4 80
2292.	Dec. 17.	Oshkosh Machine Co., rep.....do.....	3 10
2293.	Dec. 17.	Post Publishing Co., r. b.....do.....	67 42
2294.	Dec. 17.	Ernest Sarau, sta.....do.....	7 25
2295.	Dec. 17.	Stroud & Co., misc.....do.....	8 45
2296.	Dec. 17.	Union Stone Ware Co., misc.....do.....	5 00
2297.	Dec. 17.	Union Stone Ware Co., misc.....do.....	3 00
2298.	Dec. 17.	F. S. Webster Co., misc.....do.....	1 35
2299.	Dec. 17.	Weeden Drug Co., rep.....do.....	6 20
2300.	Dec. 17.	Harrison Wood, sal.....do.....	6 20
2300.	Dec. 17.	Pay roll, sals.....Platteville.	\$3,330 00
2301.	Dec. 17.	Edward Agan, furn.....do.....	15 20
2302.	Dec. 17.	American Bk. Co., t. b.....do.....	3 38
2303.	Dec. 17.	Julius Andrae & Sons Co., misc.....do.....	6 41
2304.	Dec. 17.	Herman Andrae Elec. Co., furn.....do.....	11 30
2305.	Dec. 17.	D. Appleton & Co., t. b.....do.....	2 40
2306.	Dec. 17.	Atkinson-Mentzer & Grover, t. b.....do.....	16 80

List of Vouchers Paid, 1907-1908.

2307.	Dec. 17.	Mrs. Mary Austin, sal.....	Platteville	23 21
2308.	Dec. 17.	M. H. E. Beckley, furn.....	do.....	3 50
2309.	Dec. 17.	H. G. Chase & Co., misc.....	do.....	16 93
2310.	Dec. 17.	City of Platteville, bld.....	do.....	145 00
2311.	Dec. 17.	Currie Bros. Co., furn.....	do.....	14 00
2312.	Dec. 17.	John Davis Co., misc.....	Platteville.	13 71
2313.	Dec. 17.	A. B. Dick Co., misc.....	do.....	1 97
2314.	Dec. 17.	R. I. Dugdale, sta.....	do.....	32 10
2315.	Dec. 17.	Durand Steel Locker Co., furn.....	do.....	127 19
2316.	Dec. 17.	Geo. Englebretson, furn.....	do.....	2 36
2317.	Dec. 17.	J. E. Fawcett Hdw. Co., a & c.....	do.....	6 35
2318.	Dec. 17.	J. E. Fawcett Hdw. Co., furn.....	do.....	15 75
2319.	Dec. 17.	J. J. Gray, fuel.....	do.....	266 45
2320.	Dec. 17.	Ginn & Co., t. b.....	do.....	27 18
2321.	Dec. 17.	Ginn & Co., t. b.....	do.....	34 20
2322.	Dec. 17.	E. N. Hawley, furn.....	do.....	351 55
2323.	Dec. 17.	Mrs. Lena Henry, sal.....	do.....	36 77
2324.	Dec. 17.	Mrs. Lena Henry, misc.....	do.....	7 00
2325.	Dec. 17.	Chas. Howard, furn.....	do.....	77 33
2326.	Dec. 17.	Chas. Howard, misc.....	do.....	11 50
2327.	Dec. 17.	Butler Hoosier, misc.....	do.....	36 50
2328.	Dec. 17.	Mrs. Julia Hull, sal.....	do.....	25 89
2329.	Dec. 17.	Mrs. Lucy Ivens, sal.....	do.....	23 92
2330.	Dec. 17.	Thos. Kane & Co., furn.....	do.....	1,825 43
2331.	Dec. 17.	Walter Luethe, furn.....	do.....	2 00
2332.	Dec. 17.	Marshall Paper Co., sta.....	do.....	6 80
2333.	Dec. 17.	Hugh May, furn.....	do.....	29 00
2334.	Dec. 17.	McDowell, Stocker & Co., furn.....	do.....	207 24
2335.	Dec. 17.	A. C. McClurg & Co., t. b.....	do.....	27 00
2336.	Dec. 17.	Meyer Shepherd Lmbr. Co., furn.....	do.....	12 75
2337.	Dec. 17.	Nat'l Clay Supply Co., a & c.....	do.....	2 00
2338.	Dec. 17.	A. H. Nehls & Co., furn.....	do.....	8 63
2339.	Dec. 17.	B. B. Newell, misc.....	do.....	5 00
2340.	Dec. 17.	Platteville Elec. Ltg. Co., furn.....	do.....	89 75
2341.	Dec. 17.	Platteville Elec. Ltg. Co., furn.....	do.....	6 09
2342.	Dec. 17.	John Reed, furn.....	do.....	4 50
2343.	Dec. 17.	J. M. Rose, furn.....	do.....	48 40
2344.	Dec. 17.	A. G. Spalding & Bros., a & c.....	do.....	1 30
2345.	Dec. 17.	A. A. Spuhng, misc.....	do.....	6 70
2346.	Dec. 17.	Standard Oil Co., misc.....	do.....	28 77
2347.	Dec. 17.	Chas. Stephens, misc.....	do.....	42 50
2348.	Dec. 17.	Chas. Stephens, sal.....	do.....	50 00
2349.	Dec. 17.	Chas. Stephens, furn.....	do.....	4 50
2350.	Dec. 17.	Taylor Feed Co., misc.....	do.....	16 00
2351.	Dec. 17.	W. M. Welch, a & c.....	do.....	2 90
2352.	Dec. 17.	Pay roll, sals.....	River Falls.	\$2,935 00
2353.	Dec. 17.	American Bk. Co., t. b.....	do.....	36 96
2354.	Dec. 17.	Laura F. Angell, sal.....	do.....	65 00
2355.	Dec. 17.	D. Appleton & Co., t. b.....	do.....	28 00
2356.	Dec. 17.	F. L. Baker, bld.....	do.....	2 83
2357.	Dec. 17.	Central Scientific Co., a & c.....	do.....	25 94
2358.	Dec. 17.	Central Scientific Co., a & c.....	do.....	64 06
2359.	Dec. 17.	A. E. Chapman, rep.....	do.....	9 45
2360.	Dec. 17.	Joseph E. Frank, t. b.....	do.....	1 71
2361.	Dec. 17.	Garden City Ed. Co., misc.....	do.....	11 39
2362.	Dec. 17.	D. C. Heath, t. b.....	do.....	15 37
2363.	Dec. 17.	J. S. Hemenway, rep.....	do.....	2 00
2364.	Dec. 17.	Lyon & Healey, t. b.....	do.....	53 27
2365.	Dec. 17.	Frank Lumber, rep.....	do.....	1 00
2366.	Dec. 17.	Newson & Co., t. b.....	do.....	15 40
2367.	Dec. 17.	Normal Badger, prtng.....	do.....	5 00
2368.	Dec. 17.	Helen D. Pratt, sal.....	do.....	16 83
2369.	Dec. 17.	Benj. H. Sanborn & Co., t. b.....	do.....	14 85
2370.	Dec. 17.	Milton Savage, fuel.....	do.....	140 42
2371.	Dec. 17.	C. H. Stoelting & Co., a & c.....	do.....	27 14
2372.	Dec. 17.	C. R. Taggart, rep.....	do.....	1 60
2373.	Dec. 17.	W. S. Welles, a & c.....	do.....	3 42
2374.	Dec. 17.	C. F. Winter, furn.....	do.....	30 50
2375.	Dec. 17.	Subscription News Co., r. b.....	do.....	121 75
2376.	Dec. 17.	Van Ryn & DeGelleke, bld.....	do.....	80 00

List of Vouchers Paid, 1907-1908.

2377.	Dec. 17.	Pay roll, sals.....	Stevens Point	\$3,276 50
2378.	Dec. 17.	Allyn & Bacon, t. b.....	do.....	16 88
2379.	Dec. 17.	American Bk. Co., t. b.....	do.....	28 84
2380.	Dec. 17.	Baker Paper Co., sta.....	do.....	35 90
2381.	Dec. 17.	Henry Clark, r. b.....	do.....	3 95
2382.	Dec. 17.	Benian Dimmitt, sal.....	do.....	75 00
2383.	Dec. 17.	H. B. Dodge & Company, misc.....	do.....	4 00
2384.	Dec. 17.	Thos. H. Finch, rep.....	do.....	78 50
2385.	Dec. 17.	Scott-Foresman & Co., t. b.....	do.....	14 76
2386.	Dec. 17.	French-Campbell Co., r. b.....	do.....	82 24
2387.	Dec. 17.	Ginn & Co., t. b.....	do.....	56 16
2388.	Dec. 17.	Chas. A. Hamacher, rep.....	do.....	10 46
2389.	Dec. 17.	J. S. Hemenway & Co., a. & c.....	Stevens Point	35 00
2390.	Dec. 17.	J. C. Heil, rep.....	do.....	16 00
2391.	Dec. 17.	Houghton, Mifflin & Co., t. b.....	do.....	39 86
2392.	Dec. 17.	Imperial Brush Co., misc.....	do.....	20 50
2393.	Dec. 17.	Macmillan Co., t. b.....	do.....	8 75
2394.	Dec. 17.	Peter Majerus, misc.....	do.....	19 76
2395.	Dec. 17.	H. D. McCulloch Co., misc.....	do.....	10 49
2396.	Dec. 17.	A. C. McClurg & Co., t. b.....	do.....	26 54
2397.	Dec. 17.	Moll-Glennon Co., misc.....	do.....	5 19
2398.	Dec. 17.	Orr & Lockett Hdw. Co., a. & c.....	do.....	166 09
2399.	Dec. 17.	Paul Pierce, misc.....	do.....	10 39
2400.	Dec. 17.	Post Publishing Co., r. b.....	do.....	57 77
2401.	Dec. 17.	Paul Pierce, misc.....	do.....	23 89
2402.	Dec. 17.	Hortense M. Salter, sal.....	do.....	30 00
2403.	Dec. 17.	John F. Sims, sta.....	do.....	27 39
2404.	Dec. 17.	John F. Sims, misc.....	do.....	25 40
2405.	Dec. 17.	Silver Burdett & Co., t. b.....	do.....	29 00
2406.	Dec. 17.	Agnes Sprada, misc.....	do.....	4 50
2407.	Dec. 17.	Stevens Point Ltg. Co., ltg.....	do.....	56 39
2408.	Dec. 17.	John Week Lumber Co., misc.....	do.....	2 60
2409.	Dec. 17.	Wisconsin Telephone Co., misc.....	do.....	9 75
2410.	Dec. 17.	Pay roll, sals.....	Superior..	\$3,110 00
2411.	Dec. 17.	Thos. Charles Co., misc.....	do.....	2 57
2412.	Dec. 17.	Beecher J. Dickson, misc.....	do.....	3 60
2413.	Dec. 17.	W. W. Edmont, sta.....	do.....	3 25
2414.	Dec. 17.	Finch Fuel Co., fuel.....	do.....	112 55
2415.	Dec. 17.	Ginn & Co., t. b.....	do.....	24 27
2416.	Dec. 17.	Gunda Gunderson, sal.....	do.....	6 50
2417.	Dec. 17.	Johnson Service Co., rep.....	do.....	1 95
2418.	Dec. 17.	M. May Furniture Co., bld.....	do.....	14 50
2419.	Dec. 17.	V. E. McCaskill, misc.....	do.....	8 10
2420.	Dec. 17.	V. E. McCaskill, misc.....	do.....	3 83
2421.	Dec. 17.	V. E. McCaskill, misc.....	do.....	6 10
2422.	Dec. 17.	Wm. O'Connor, misc.....	do.....	7 39
2423.	Dec. 17.	Flora Ouellette, t. b.....	do.....	1 60
2424.	Dec. 17.	Pease Hdw. Co., misc.....	do.....	4 00
2425.	Dec. 17.	Prang Edu. Co., misc.....	do.....	1 20
2426.	Dec. 17.	Russell Creamery Co., misc.....	do.....	6 02
2427.	Dec. 17.	F. F. Showers, misc.....	do.....	18 58
2428.	Dec. 17.	Silver-Tonsberg Co., sta.....	do.....	3 25
2429.	Dec. 17.	Superior Towel Exchange, misc.....	do.....	2 48
2430.	Dec. 17.	The Western Builder Publish. Co., bld.....	do.....	4 80
2431.	Dec. 17.	University of Chicago, t. b.....	do.....	4 09
2432.	Dec. 17.	Emilie B. Wright, r. b.....	do.....	10 00
2433.	Dec. 17.	W. L. P. Co., ltg.....	do.....	58 59
2434.	Dec. 17.	Van Ryn & DeGelleke, bld.....	do.....	1,200 00
2435.	Dec. 17.	Pay roll, sals.....	Whitewater	3,220 00
2436.	Dec. 17.	L. C. Baker, misc.....	do.....	16 24
2437.	Dec. 17.	Baker Paper Co., sta.....	do.....	20 60
2438.	Dec. 17.	C. M. Barnes-Wilcox Co., t. b.....	do.....	45 58
2439.	Dec. 17.	Gustav Brummund, sal.....	do.....	10 00
2440.	Dec. 17.	F. L. Burdick, misc.....	do.....	20 00
2441.	Dec. 17.	J. C. Cox Co., misc.....	do.....	3 55
2442.	Dec. 17.	L. A. Duffin Co., misc.....	do.....	2 20
2443.	Dec. 17.	D. C. Heath & Co., t. b.....	do.....	15 40
2444.	Dec. 17.	Chas. Inman, misc.....	do.....	2 25
2445.	Dec. 17.	Anna B. Kinsman, sal.....	do.....	22 50
2446.	Dec. 17.	Wm. C. Krul Co., sta.....	do.....	3 00
2447.	Dec. 17.	Carrol Kurtz, misc.....	do.....	8 62

List of Vouchers Paid, 1907-1908.

2448.	Dec. 17.	Library Bureau, misc.....	Whitewater	18 00
2449.	Dec. 17.	Chas. W. Martin, rep.....	do.....	8 00
2450.	Dec. 17.	Mekinley Publish. Co., t. b.....	do.....	5 60
2451.	Dec. 17.	Northern Paper Mills, misc.....	do.....	11 76
2452.	Dec. 17.	H. J. O'Connor, misc.....	do.....	3 89
2453.	Dec. 17.	R. O'Connor & Son, r. b.....	do.....	41 05
2454.	Dec. 17.	James O'Neill, misc.....	do.....	4 65
2455.	Dec. 17.	R. L. Polk & Co., r. b.....	do.....	6 00
2456.	Dec. 17.	Row, Peterson Co., t. b.....	do.....	18 50
2457.	Dec. 17.	Royal Purple Assoc., misc.....	do.....	24 10
2458.	Dec. 17.	Spencer Lens Co., a & c.....	do.....	136 67
2459.	Dec. 17.	University Pub. Co., r. b.....	do.....	5 94
2460.	Dec. 17.	Whitewater Electric Ltg. Co., ltg.....	do.....	28 28
2461.	Dec. 17.	Whitewater Register, sta.....	do.....	9 25
2462.	Dec. 17.	Whitewater Water Works Co., w. r.....	do.....	100 00
2463.	Dec. 17.	Whitewater Lumber Co., fuel.....	do.....	1,643 96
2464.	Dec. 17.	D. Appleton & Co., t. b.....	do.....	29 80
2465.	Dec. 17.	W. H. Cheever, sal. & exp.....	Institute	18 46
2466.	Dec. 17.	Frank M. Jack, exp.....	do.....	11 89
2467.	Dec. 17.	Vivian S. Baker, gen. exp.....	Board	60 00
2468.	Dec. 17.	Chi. Mil. & St. Paul R. R. gen. exp.....	do.....	160 00
2469.	Dec. 17.	William Kittle, sec'y services.....	do.....	166 66
2470.	Dec. 17.	William Kittle, exp. of board and office.....	do.....	129 38
2471.	Dec. 17.	Thomas Morris, reg's exp.....	do.....	60 09
2472.	Dec. 17.	National Surety Co., sec'y's exp.....	do.....	10 00
2473.	Dec. 17.	J. A. Peacock, reg's exp.....	do.....	111 91
2474.	Dec. 17.	O. J. Schuster, gen. exp.....	do.....	3 25
Total audit December 17, 1907.....				\$37,168 24
2475.	Dec. 30.	Orson C. Gillett, misc.....	Superior	\$5,750 00
2476.	Dec. 30.	C. H. Sunderland, misc.....	do.....	1,250 00
Total audit Dec. 30, 1907.....				\$7,000 00
2475.	Jan. 23.	Pay roll, sals.....	Milwaukee	\$4,498 00
2476.	Jan. 23.	Bausch & Lomb Optical Co., a & c.....	do.....	27 43
2477.	Jan. 23.	J. S. Bletcher & Co., ptg.....	do.....	37 50
2478.	Jan. 23.	Bond & Sarrow Co., misc.....	do.....	1 20
2479.	Jan. 23.	Gimbel Bros., misc.....	do.....	4 52
2480.	Jan. 23.	F. A. Goll, rep.....	do.....	8 05
2481.	Jan. 23.	D. C. Heathe & Co., t. b.....	do.....	8 65
2482.	Jan. 23.	C. Henneke Co., misc.....	do.....	1 50
2483.	Jan. 23.	Hendee-Bamford-Crandall Co., sta.....	do.....	13 75
2484.	Jan. 23.	Henry Holt & Co., t. b.....	do.....	8 40
2485.	Jan. 23.	Geo. T. Johnson & Co., misc.....	do.....	9 50
2486.	Jan. 23.	Keystone View Co., a & c.....	do.....	35 00
2487.	Jan. 23.	Chas. McKenny, sta.....	do.....	17 52
2488.	Jan. 23.	McIntosh Stere. Co., misc.....	do.....	2 35
2489.	Jan. 23.	Mil. Gas Light Co., misc.....	do.....	3 50
2490.	Jan. 23.	Mil. Gas Light Co., ltg.....	do.....	41 16
2491.	Jan. 23.	Ruth W. Norton, misc.....	do.....	10 51
2492.	Jan. 23.	Quin Sporting Goods Co., misc.....	do.....	9 88
2493.	Jan. 23.	Fred Schmidt, sal.....	do.....	46 50
2494.	Jan. 23.	Spencer Lens Co., a & c.....	do.....	11 82
2495.	Jan. 23.	The Macmillan Co., t. b.....	do.....	8 20
2496.	Jan. 23.	Wisconsin News Co., r. b.....	do.....	5 85
2497.	Jan. 23.	Wis. Telephone Co., misc.....	do.....	27 00
2498.	Jan. 23.	Pay roll, sals.....	Oshkosh	\$5,063 75
2499.	Jan. 23.	Allen & Weidner Co., r. b.....	do.....	4 10
2500.	Jan. 23.	American Express Co., misc.....	do.....	1 80
2501.	Jan. 23.	Am. Steam Pump Co., rep.....	do.....	115 00
2502.	Jan. 23.	M. A. Bahr, sal.....	do.....	3 75
2503.	Jan. 23.	Baker Paper Co., sta.....	do.....	62 57
2504.	Jan. 23.	C. W. Bardeen, sta.....	do.....	4 20
2505.	Jan. 23.	Bausch & Lomb Optical Co., a & c.....	do.....	12 17
2506.	Jan. 23.	Beck Duplicator Co., misc.....	do.....	7 50
2507.	Jan. 23.	C. P. Cary, t. b.....	do.....	8 00
2508.	Jan. 23.	Central Construction Co., rep.....	do.....	20 54

List of Vouchers Paid, 1907-1908.

2500.	Jan. 23.	Clough & Co., rep.....	Oshkosh	7 60
2510.	Jan. 23.	Clough & Co., rep.....	do.....	14 41
2511.	Jan. 23.	Cook & Brown Lime Co., fuel.....	do.....	1,561 50
2512.	Jan. 23.	Cora I. Coxshall, sal.....	do.....	9 20
2513.	Jan. 23.	Luther Davies Co., misc.....	do.....	4 53
2514.	Jan. 23.	Dodd, Mead & Co., r. b.....	do.....	4 80
2515.	Jan. 23.	Roy L. Fuller, misc.....	do.....	5 00
2516.	Jan. 23.	Globe Printing Co., misc.....	do.....	7 28
2517.	Jan. 23.	Hay Hdw. Co., rep.....	do.....	25 95
2518.	Jan. 23.	Harper & Bros., r. b.....	do.....	3 29
2519.	Jan. 23.	J. K. Hower, rep.....	do.....	23 84
2520.	Jan. 23.	J. M. Hurn, sta.....	do.....	7 70
2521.	Jan. 23.	Winifred Johnson, sal.....	do.....	4 00
2522.	Jan. 23.	A. Kellett, misc.....	do.....	32 80
2523.	Jan. 23.	Addie Libert, sal.....	do.....	7 00
2524.	Jan. 23.	Macmillan Bros t. b.....	do.....	49 00
2525.	Jan. 23.	A. C. McClurg & Co., r. b.....	do.....	33 97
2526.	Jan. 23.	O. McCorison, furn.....	do.....	40 00
2527.	Jan. 23.	Medberry-Findeisen Co., misc.....	do.....	2 67
2528.	Jan. 23.	Jesse E. Moore, misc.....	do.....	15 00
2529.	Jan. 23.	Oshkosh Gas Ltg. Co., ltg.....	do.....	41 95
2530.	Jan. 23.	Oshkosh Gas Ltg. Co., fuel.....	do.....	16 30
2531.	Jan. 23.	Oshkosh Water Works Co., w. r.....	do.....	101 21
2532.	Jan. 23.	F. A. Plummer Co., misc.....	do.....	6 95
2533.	Jan. 23.	Silver-Burdett Co., t. b.....	Oshkosh..	15 33
2534.	Jan. 23.	Stroud & Co., misc.....	do.....	10 25
2535.	Jan. 23.	E. W. Tilton, misc.....	do.....	1 55
2536.	Jan. 23.	U. S. Express Co., misc.....	do.....	85
2537.	Jan. 23.	Ervin A. Voss, rep.....	do.....	1 50
2538.	Jan. 23.	Weeden Drug Co., misc.....	do.....	1 78
2539.	Jan. 23.	Wm. Wilhelm, misc.....	do.....	5 00
2540.	Jan. 23.	Wis. Telephone Co., misc.....	do.....	10 95
2541.	Jan. 23.	Pay roll, sals.....	Platteville	3,292 50
2542.	Jan. 23.	Sylvanus Ames, misc.....	do.....	8 83
2543.	Jan. 23.	Belle Burke, a & c.....	do.....	7 86
2544.	Jan. 23.	Belle Burke, a & c.....	do.....	6 85
2545.	Jan. 23.	Central Scientific Co., a & c.....	do.....	4 85
2546.	Jan. 23.	T. O. Drinkall, a & c.....	do.....	1 95
2547.	Jan. 23.	Mrs. W. H. Dudley, a & c.....	do.....	13 38
2548.	Jan. 23.	Robt. Dugdale, ptg.....	do.....	23 50
2549.	Jan. 23.	Durand Steel Locker Co., furn.....	do.....	211 20
2550.	Jan. 23.	Eastman Lumber Co., a & c.....	do.....	21 40
2551.	Jan. 23.	Eberbach & Son Co., a & c.....	do.....	4 50
2552.	Jan. 23.	J. E. Fawcett, a & c.....	do.....	1 20
2553.	Jan. 23.	J. E. Fawcett a & c.....	do.....	4 80
2554.	Jan. 23.	J. E. Fawcett, misc.....	do.....	25 15
2555.	Jan. 23.	A. Flanagan Co., furn.....	do.....	20 70
2556.	Jan. 23.	H. R. Fling, a & c.....	do.....	5 00
2557.	Jan. 23.	B. A. Gardner, a & c.....	do.....	9 10
2558.	Jan. 23.	Garden City Ed. Co., a & c.....	do.....	15 73
2559.	Jan. 23.	Thos. H. Gentle, sal.....	do.....	22 50
2560.	Jan. 23.	C. E. Gilmore, a & c.....	do.....	1 40
2561.	Jan. 23.	C. E. Gilmore, a & c.....	do.....	45
2562.	Jan. 23.	C. E. Gilmore, a & c.....	do.....	1 10
2563.	Jan. 23.	Lucius Gould, t. b.....	do.....	6 00
2564.	Jan. 23.	J. J. Gray, fuel.....	do.....	585 39
2565.	Jan. 23.	C. H. Gribble, a & c.....	do.....	26 90
2566.	Jan. 23.	E. N. Hawley, a & c.....	do.....	9 00
2567.	Jan. 23.	E. N. Hawley, furn.....	do.....	450 05
2568.	Jan. 23.	Phil D. Hendershot, w. r.....	do.....	75 53
2569.	Jan. 23.	W. A. Henry, bld.....	do.....	12 00
2570.	Jan. 23.	Edward Hindes, furn.....	do.....	4 45
2571.	Jan. 23.	Butler Hoosier, misc.....	do.....	30 25
2572.	Jan. 23.	C. Hoostman, misc.....	do.....	4 45
2573.	Jan. 23.	Chas. Howard, furn.....	do.....	8 78
2574.	Jan. 23.	Thos. Kane & Co., furn.....	do.....	45 00
2575.	Jan. 23.	A. W. Kemler, furn.....	do.....	9 80
2576.	Jan. 23.	J. C. Kemler, misc.....	do.....	1 45
2577.	Jan. 23.	Klebenstein Bros., furn.....	do.....	7 00
2578.	Jan. 23.	H. Kleinhammer, furn.....	do.....	10 00
2579.	Jan. 23.	Kopp & Manger, furn.....	do.....	3 50
2580.	Jan. 23.	Lumiere North American Co., a & c.....	do.....	24 69

List of Vouchers Paid, 1907-1908.

2581.	Jan. 23.	Macey Co., a & c.....	Platteville	10 15
2582.	Jan. 23.	L. B. Malechi, a & c.....	do.....	12 50
2583.	Jan. 23.	A. C. McClurg & Co., r. b.....	do.....	55 46
2584.	Jan. 23.	C. H. Meyer, bld.....	do.....	631 65
2585.	Jan. 23.	C. H. Meyer, furn.....	do.....	3 69
2586.	Jan. 23.	C. H. Meyer, furn.....	do.....	22 70
2587.	Jan. 23.	C. H. Meyer, furn.....	do.....	25 22
2588.	Jan. 23.	Narragansett Machine Co., furn.....	do.....	19 82
2589.	Jan. 23.	A. H. Nehls & Co., misc.....	do.....	13 90
2590.	Jan. 23.	A. H. Nehls & Co., misc.....	do.....	14 40
2591.	Jan. 23.	Northern Paper Mills, misc.....	do.....	17 64
2592.	Jan. 23.	Oettiker Hdw. Co., furn.....	do.....	17 07
2593.	Jan. 23.	Oettiker Hdw. Co., furn.....	do.....	4 75
2594.	Jan. 23.	Orr & Lockett, furn.....	do.....	4 53
2595.	Jan. 23.	Platte. Rewey & Ell. Tel. Co., misc.....	do.....	15 55
2596.	Jan. 23.	Platte. Lumber & Fuel Co., furn.....	do.....	14 96
2597.	Jan. 23.	Prang Ed. Co., a & c.....	do.....	95 90
2598.	Jan. 23.	Chas. Polacheck & Bro. Co., furn.....	do.....	755 10
2599.	Jan. 23.	Sam Poller, a & c.....	do.....	1 50
2600.	Jan. 23.	Dennis Regan, furn.....	do.....	1 15
2601.	Jan. 23.	H. A. Robinson, misc.....	do.....	70
2602.	Jan. 23.	H. A. Robinson, a & c.....	do.....	75
2603.	Jan. 23.	J. M. Rose, furn.....	do.....	45 00
2604.	Jan. 23.	V. M. Russell, furn.....	do.....	7 15
2605.	Jan. 23.	C. C. Sampson, bldg.....	do.....	5 00
2606.	Jan. 23.	Henry Schambow, a & c.....	do.....	3 20
2607.	Jan. 23.	J. M. Smith, misc.....	do.....	8 07
2608.	Jan. 23.	A. G. Spalding Co., a & c.....	do.....	78
2609.	Jan. 23.	R. R. Starkweather, furn.....	do.....	16 50
2610.	Jan. 23.	Chas. Stephens, sal.....	do.....	6 67
2611.	Jan. 23.	Taylor Feed Co., misc.....	Platteville.	4 12
2612.	Jan. 23.	H. J. Youmans, misc.....	do.....	10 00
2613.	Jan. 23.	H. J. Youmans, a & c.....	do.....	30
2614.	Jan. 23.	Pay rolls, sals.....	River Falls	2,935 00
2615.	Jan. 23.	Allard-Stewart Co., misc.....	do.....	3 63
2616.	Jan. 23.	Allard-Stewart Co., misc.....	do.....	13 84
2617.	Jan. 23.	F. L. Baker, misc.....	do.....	4 30
2618.	Jan. 23.	August Beorn, rep.....	do.....	76 55
2619.	Jan. 23.	Central Scientific Co., a & c.....	do.....	3 79
2620.	Jan. 23.	A. E. Chapman, rep.....	do.....	32 33
2621.	Jan. 23.	Thos. Charles Co., misc.....	do.....	1 08
2622.	Jan. 23.	City of River Falls, fuel.....	do.....	211 42
2623.	Jan. 23.	Consolidated Lumber Co., fuel.....	do.....	127 97
2624.	Jan. 23.	Geo. J. Dodge & Son, misc.....	do.....	7 78
2625.	Jan. 23.	Doubleday-Page & Co., r. b.....	do.....	8 45
2626.	Jan. 23.	R. S. Freeman & Co., misc.....	do.....	35 10
2627.	Jan. 23.	Ginn & Co., r. b.....	do.....	16 36
2628.	Jan. 23.	C. C. Glass, sta.....	do.....	10 62
2629.	Jan. 23.	Mrs. N. Hodge, misc.....	do.....	15 78
2630.	Jan. 23.	J. T. Hooper, misc.....	do.....	16 36
2631.	Jan. 23.	R. N. Jensen, misc.....	do.....	4 99
2632.	Jan. 23.	J. H. Johnson, misc.....	do.....	8 29
2633.	Jan. 23.	Bessie E. Jones, t. b.....	do.....	1 35
2634.	Jan. 23.	John Leslie Paper Co., misc.....	do.....	20 88
2635.	Jan. 23.	E. E. & H. L. Levings, sta.....	do.....	2 05
2636.	Jan. 23.	Frank Luberg, rep.....	do.....	1 65
2637.	Jan. 23.	A. W. Lund, misc.....	do.....	35 25
2638.	Jan. 23.	A. C. McClurg Co., r. b.....	do.....	86 82
2639.	Jan. 23.	A. C. McClurg & Co., r. b.....	do.....	42 06
2640.	Jan. 23.	May McNely, misc.....	do.....	14 45
2641.	Jan. 23.	C. R. Morse, sta.....	do.....	41 80
2642.	Jan. 23.	O. W. Newcomb, misc.....	do.....	6 90
2643.	Jan. 23.	Norseng Bros., misc.....	do.....	12 48
2644.	Jan. 23.	Norseng Bros., misc.....	do.....	22 85
2645.	Jan. 23.	O. H. Ostness, furn.....	do.....	121 36
2646.	Jan. 23.	Pittsburg Plate Glass Co., bld.....	do.....	7 80
2647.	Jan. 23.	Pierce Co., Tel. Co., misc.....	do.....	7 50
2648.	Jan. 23.	Helen D. Pratt, sal.....	do.....	7 50
2649.	Jan. 23.	Quarto State Co., a & c.....	do.....	9 20
2650.	Jan. 23.	River Falls Printing Co., sta.....	do.....	8 25
2651.	Jan. 23.	Dorothy Rogers, sal.....	do.....	10 10
2652.	Jan. 23.	A. G. Spalding & Co., misc.....	do.....	2 50

List of Vouchers Paid, 1907-1908.

2653.	Jan. 23.	Janet St. John, misc.	River Falls	8 00
2654.	Jan. 23.	St. Paul Book & Sta. Co., a & c.	do.	3 38
2655.	Jan. 23.	Stewart & Grimm, misc.	do.	3 20
2656.	Jan. 23.	F. W. Sturtevant Co., misc.	do.	28 69
2657.	Jan. 23.	Subscription News Co., r. b.	do.	1 75
2658.	Jan. 23.	Bert Symes, rep.	do.	75 78
2659.	Jan. 23.	Bert Symes, furn.	do.	6 00
2660.	Jan. 23.	H. B. Vlieland, misc.	do.	1 85
2661.	Jan. 23.	C. F. Winter, furn.	do.	4 00
2662.	Jan. 23.	C. F. Wright, furn.	do.	2 00
2663.	Jan. 23.	Pay roll, sals.	Stevens Point	3, 127 50
2664.	Jan. 23.	Bausch & Lomb Optical Co., a & c.	do.	51 67
2665.	Jan. 23.	Castle-Pierce Ptg. Co., ptg.	do.	40 55
2666.	Jan. 23.	Blanche Dafoe, sal.	do.	17 50
2667.	Jan. 23.	Mrs. J. W. Dake, misc.	do.	1 48
2668.	Jan. 23.	Beniah Dimmitt, sal.	do.	15 00
2669.	Jan. 23.	Gross & Jacobs, fuel.	do.	965 37
2670.	Jan. 23.	Arthur W. Hall Scientific Co., a & c.	do.	6 00
2671.	Jan. 23.	Rosetta M. Johnson, sal.	do.	1 88
2672.	Jan. 23.	Johnson Service Co., rep.	do.	45 32
2673.	Jan. 23.	C. Kremb & Bros. furn.	do.	2 79
2674.	Jan. 23.	Peter Majerus, misc.	do.	14 03
2675.	Jan. 23.	Marshall Field & Co., furn.	do.	33 64
2676.	Jan. 23.	H. D. McCulloch Co., furn.	do.	6 75
2677.	Jan. 23.	A. C. McClurg & Co., r. b.	do.	46 16
2678.	Jan. 23.	A. C. McClurg & Co., r. b.	do.	2 55
2679.	Jan. 23.	F. H. Murray, misc.	do.	14 72
2680.	Jan. 23.	Orr & Lockett Hdw. Co., a & c.	do.	5 93
2681.	Jan. 23.	F. M. Playman, misc.	do.	1 74
2682.	Jan. 23.	St. Paul Bk. & Sta. Co., sta.	do.	12 10
2683.	Jan. 23.	Stevens Point Elec. Ltg. Co., lgt.	do.	10 00
2684.	Jan. 23.	Stevens Point Water Co., w. r.	do.	100 00
2685.	Jan. 23.	J. B. Sullivan & Co., rep.	do.	17 85
2686.	Jan. 23.	F. A. Sustens, rep.	do.	13 16
2687.	Jan. 23.	Myron Williams, misc.	do.	10 90
2688.	Jan. 23.	Pay roll, sals.	Superior	3, 110 60
2689.	Jan. 23.	Allyn & Bacon, t. b.	do.	8 82
2690.	Jan. 23.	Bemis Bag & Paper Co., sta.	do.	1 50
2691.	Jan. 23.	E. C. Berryman, furn.	do.	30 00
2692.	Jan. 23.	H. A. Bielefeldt, misc.	do.	40 60
2693.	Jan. 23.	Book Shop Bindery, r. b.	do.	97 75
2694.	Jan. 23.	Jennie M. Brackett, misc.	do.	11 28
2695.	Jan. 23.	H. J. Cameron, a & c.	do.	5 86
2696.	Jan. 23.	Thos. Charles Co., misc.	do.	2 52
2697.	Jan. 23.	Thos. Charles Co., misc.	do.	12 04
2698.	Jan. 23.	Douglas Co. Tel. Co., misc.	do.	19 00
2699.	Jan. 23.	Evening Telegram Co., ptg.	do.	28 00
2700.	Jan. 23.	Thos. H. Fairfax, rep.	do.	1 75
2701.	Jan. 23.	Martin Franey, sal.	do.	50 00
2702.	Jan. 23.	Martin Franey, sal.	do.	33 81
2703.	Jan. 23.	D. M. Foster, misc.	do.	1 80
2704.	Jan. 23.	Foote Mineral Co., a & c.	do.	24 65
2705.	Jan. 23.	Frederickson & Olson, rep.	do.	20 00
2706.	Jan. 23.	Finch Fuel Co., fuel.	do.	262 85
2707.	Jan. 23.	Enoch Fuller, misc.	do.	3 85
2708.	Jan. 23.	Gunda Gunderson, sal.	do.	6 00
2709.	Jan. 23.	Helge Johnson, rep.	do.	3 10
2710.	Jan. 23.	Joos & Osmunson, rep.	do.	1 75
2711.	Jan. 23.	M. May Furniture Co., furn.	do.	14 80
2712.	Jan. 23.	M. May Furniture Co., furn.	do.	18 90
2713.	Jan. 23.	V. E. McCaskill, misc.	do.	3 19
2714.	Jan. 23.	A. C. McClurg & Co., r. b.	do.	3 19
2715.	Jan. 23.	A. C. McClurg & Co., r. b.	do.	156 18
2716.	Jan. 23.	Loren McQueen, misc.	do.	178 13
2717.	Jan. 23.	McMullen Bros. r. b.	do.	4 60
2718.	Jan. 23.	McMullen Bros. misc.	do.	9 33
2719.	Jan. 23.	McMullen Bros. misc.	do.	4 18
2720.	Jan. 23.	McMullen Bros. rep.	do.	10 00
2721.	Jan. 23.	Anthony Metzges, misc.	do.	3 98
2722.	Jan. 23.	Narragansett Machine Co., a & c.	do.	24 00
2722.	Jan. 23.	E. R. Neuenfeldt, a & c.	do.	3 00

List of Vouchers Paid, 1907-1908.

2723.	Jan. 23.	Wm. O'Connor, misc.....	Superior	13 20
2724.	Jan. 23.	R. L. Polk & Co., r. b.....	do.....	6 00
2725.	Jan. 23.	C. J. Rolfe, furn.....	do.....	6 75
2726.	Jan. 23.	E. H. Sargent & Co., a & c.....	do.....	11 05
2727.	Jan. 23.	Sedlachek & Anderson, bld.....	do.....	6,250 00
2728.	Jan. 23.	C. W. Smith, furn.....	do.....	18 00
2729.	Jan. 23.	W. L. & P. Co., Itg.....	do.....	75 95
2730.	Jan. 23.	Pay roll, sals.....	Whitewater	3,209 00
2731.	Jan. 23.	L. C. Baker, misc.....	do.....	25 00
2732.	Jan. 23.	Bausch & Lomb Optical Co., a & c.....	do.....	23 02
2733.	Jan. 23.	Bausch & Lomb Optical Co., a & c.....	do.....	28 26
2734.	Jan. 23.	Gustav Brummund, sal.....	do.....	10 00
2735.	Jan. 23.	F. L. Burdick, misc.....	do.....	10 00
2736.	Jan. 23.	W. E. Clinton & Co., r. b.....	do.....	51 75
2737.	Jan. 23.	M. R. Klilians, fuel.....	do.....	42 00
2738.	Jan. 23.	Ed. Joslin, misc.....	do.....	14 43
2739.	Jan. 23.	Library Bureau, furn.....	do.....	12 00
2740.	Jan. 23.	R. O'Connor & Son, r. b.....	do.....	21 06
2741.	Jan. 23.	O. Smothers, rep.....	do.....	5 46
2742.	Jan. 23.	Subscription News Co., misc.....	do.....	45 00
2743.	Jan. 23.	The Little Chronicle Co., t. b.....	do.....	3 40
2744.	Jan. 23.	Whitewater Elec. Light Co., misc. Itg.....	do.....	30 24
2745.	Jan. 23.	Wis. Dairy Supply Co., rep.....	do.....	3 67
2746.	Jan. 23.	The Whitewater Register, ptg.....	do.....	174 00
2747.	Jan. 23.	Wis. Telephone Co., misc.....	do.....	5 00
2748.	Jan. 23.	O. J. Schuster, inc.....	Institute	18 40
2749.	Jan. 23.	Geo. C. Shutts, sal. & exp.....	do.....	33 88
2750.	Jan. 23.	Taylor & Gleason, inc.....	do.....	16 50
2751.	Jan. 23.	H. L. Wilson, inc.....	do.....	27 11
2752.	Jan. 23.	Vivian S. Baker, gen. exp.....	Board	60 00
2753.	Jan. 23.	William Kittle, sec'y.....	do.....	168 66
2754.	Jan. 23.	Wm. Kittle, exp. board and office.....	do.....	58 61
2755.	Jan. 23.	Chl. & N. W. Ry. Co., gen. exp.....	do.....	320 00
2756.	Jan. 23.	C. D. McFarland, reg's exp.....	do.....	73 21
2757.	Jan. 23.	N. W. Lithog. Co., gen. exp.....	do.....	77 98
2758.	Jan. 23.	Wis. Telephone Co., gen. exp.....	do.....	16 40
Total audit January 23, 1908.....				\$42,982 22
2759.	Feb. 4.	Maud Burdick, sal.....	Milwaukee	\$1 92
2760.	Feb. 4.	City of Milwaukee, rep.....	do.....	43 00
2761.	Feb. 4.	Conway Veneered Door Co., a & c.....	do.....	3 60
2762.	Feb. 4.	Espenhain Dry Goods Co., furn.....	do.....	4 94
2763.	Feb. 4.	C. W. Fisher Furniture Co., furn.....	do.....	81 00
2764.	Feb. 4.	Phillip Gross Hdw. Co., furn.....	do.....	10 28
2765.	Feb. 4.	Independent Oil & Grease Co., misc.....	do.....	21 00
2766.	Feb. 4.	Kanawha Fuel Co., fuel.....	do.....	423 07
2767.	Feb. 4.	Kanawha Fuel Co., fuel.....	do.....	266 54
2768.	Feb. 4.	Thomas Kane & Co., furn.....	do.....	150 00
2769.	Feb. 4.	Wm. C. Kreul Co., furn.....	do.....	7 50
2770.	Feb. 4.	Library Bureau, furn.....	do.....	150 00
2771.	Feb. 4.	M. J. Massino & Co., rep.....	do.....	45 00
2772.	Feb. 4.	A. C. McClurg & Co., r. b.....	do.....	170 79
2773.	Feb. 4.	Chas. McKenny, misc.....	do.....	10 79
2774.	Feb. 4.	Mil. Gas Light Co., Itg.....	do.....	32 10
2775.	Feb. 4.	Mil. Water Works, w. r.....	do.....	46 95
2776.	Feb. 4.	I. N. Mitchell, misc.....	do.....	5 59
2777.	Feb. 4.	I. N. Mitchell, a & c.....	do.....	1 50
2778.	Feb. 4.	I. N. Mitchell, a & c.....	do.....	8 00
2779.	Feb. 4.	Public Museum, a & c.....	do.....	15 00
2780.	Feb. 4.	Remington Typewriter Co., sta.....	do.....	6 10
2781.	Feb. 4.	A. G. Spaulding & Bro. misc.....	do.....	5 20
2782.	Feb. 4.	Steinman Lumber Co., misc.....	do.....	7 34
2783.	Feb. 4.	Standard Paper Co., sta.....	do.....	23 00
2784.	Feb. 4.	Teachers College Record, r. b.....	do.....	2 50
2785.	Feb. 4.	Truax, Green & Co., a & c.....	do.....	25 75

List of Vouchers Paid, 1907-1908.

2786.	Feb. 4	D. P. Birdsall, sal.....	Oshkosh	20 00
2787.	Feb. 4.	Central Construction Co., rep.....	do.....	194 06
2788.	Feb. 4.	Cook & Brown Lime Co., fuel.....	do.....	372 99
2789.	Feb. 4.	Roy L. Fuller, misc.....	do.....	5 69
2790.	Feb. 4.	W. J. Hamilton, misc.....	do.....	8 86
2791.	Feb. 4.	Hicks Printing Co., misc.....	do.....	75
2792.	Feb. 4.	J. A. Hinman Elec. & Tele. Co., a & c.....	do.....	22 00
2793.	Feb. 4.	J. M. Hurn, sta.....	do.....	9 75
2794.	Feb. 4.	John A. Keith, misc.....	do.....	6 24
2795.	Feb. 4.	Medberry-Findeisen Co., misc.....	do.....	6 53
2796.	Feb. 4.	McIntosh Stereopticon Co., misc.....	do.....	2 00
2797.	Feb. 4.	Antho F. Miller, rep.....	do.....	1 95
2798.	Feb. 4.	Paine Lumber Co., misc.....	do.....	2 05
2799.	Feb. 4.	Reginald Sanders, sal.....	do.....	20 00
2800.	Feb. 4.	E. L. Schroeder, sal.....	do.....	15 00
2801.	Feb. 4.	H. C. Scott, misc.....	do.....	202 78
2802.	Feb. 4.	Bert W. Wells, sal.....	do.....	15 00
2803.	Feb. 4.	Atlas School Supply Co., a & c.....	Platteville	21 00
2804.	Feb. 4.	Mrs. H. F. Austin, misc.....	do.....	33 94
2805.	Feb. 4.	Belle Burke, misc.....	do.....	35
2806.	Feb. 4.	Belle Burke, misc.....	do.....	1 35
2807.	Feb. 4.	Lloyd France, furn.....	do.....	7 30
2808.	Feb. 4.	E. N. Hawley, furn.....	do.....	85 65
2809.	Feb. 4.	Mrs. Lena Henry, misc.....	do.....	22 55
2810.	Feb. 4.	Mrs. Julia Hull, misc.....	do.....	21 43
2811.	Feb. 4.	Mrs. Rose Long, misc.....	do.....	22 32
2812.	Feb. 4.	F. E. Mitchell, a & c.....	do.....	18 00
2813.	Feb. 4.	A. H. Nehls & Co., misc.....	do.....	7 35
2814.	Feb. 4.	A. H. Nehls & Co., a & c.....	do.....	12 28
2815.	Feb. 4.	A. H. Nehls & Co., a & c.....	do.....	2 00
2816.	Feb. 4.	Platteville Light & Power Co., Itg.....	do.....	109 35
2817.	Feb. 4.	Will M. Rindlaub, a & c.....	do.....	6 45
2818.	Feb. 4.	F. L. Snowden, misc.....	do.....	1 99
2819.	Feb. 4.	Soule Art Publishing Co., a & c.....	do.....	3 00
2820.	Feb. 4.	D. Appleton & Co., t. b.....	River Falls	3 42
2821.	Feb. 4.	F. L. Baker, misc.....	do.....	4 19
2822.	Feb. 4.	August Beorn, rep.....	do.....	6 90
2823.	Feb. 4.	W. J. Brier, misc.....	do.....	3 92
2824.	Feb. 4.	Consolidated Lumber Co., fuel.....	do.....	132 34
2825.	Feb. 4.	Dunn Brothers, misc.....	do.....	4 32
2826.	Feb. 4.	Elizabeth J. Fleming, sal.....	do.....	122 50
2827.	Feb. 4.	Hattie L. Flint, sal.....	do.....	15 00
2828.	Feb. 4.	Garden City Edu. Co., misc.....	do.....	5 97
2829.	Feb. 4.	D. C. Heath & Co., t. b.....	do.....	33 00
2830.	Feb. 4.	Library of Congress, misc.....	do.....	10 03
2831.	Feb. 4.	A. V. Lovely, fuel.....	do.....	140 15
2832.	Feb. 4.	Lyon & Healy, t. b.....	do.....	9 94
2833.	Feb. 4.	O. H. Ostness, furn.....	do.....	31 96
2834.	Feb. 4.	Bauchmann Bros., a & c.....	Stevens Point	102 02
2835.	Feb. 4.	Frances Baker, sal.....	do.....	12 00
2836.	Feb. 4.	Central Scientific Co., a & c.....	do.....	24 06
2837.	Feb. 4.	Central Scientific Co., a & c.....	do.....	15 05
2838.	Feb. 4.	Mrs. J. N. Dake, misc.....	do.....	2 98
2839.	Feb. 4.	Moll-Glennon Co., misc.....	do.....	9 18
2840.	Feb. 4.	A. G. Green, misc.....	do.....	4 92
2841.	Feb. 4.	F. S. Hyer, sal.....	do.....	11 00
2842.	Feb. 4.	Johnson Service Co., misc.....	do.....	5 14
2843.	Feb. 4.	Peter Majerus, misc.....	do.....	6 45
2844.	Feb. 4.	A. C. McClurg & Co., r. b.....	do.....	62 01
2845.	Feb. 4.	Rand, McNally & Co., a & c.....	do.....	13 00
2846.	Feb. 4.	F. H. Murray, misc.....	do.....	11 13
2847.	Feb. 4.	Vetter Mfg. Co., misc.....	do.....	29 05
2848.	Feb. 4.	David Olson, a & c.....	do.....	2 35
2849.	Feb. 4.	John F. Sims, misc.....	do.....	10 01
2850.	Feb. 4.	Stevens Point Light Co., rep.....	do.....	17 50
2851.	Feb. 4.	Isla Warner, misc.....	do.....	1 42
2852.	Feb. 4.	Myron Williams, misc.....	do.....	2 10

List of Vouchers Paid, 1907-1908.

2853.	Feb. 4.	Bausch & Lomb Opt. Co., a & c.....	Superior	6 48
2854.	Feb. 4.	Finch Fuel Co., fuel.....	do.....	121 27
2855.	Feb. 4.	V. E. McCaskill, rep.....	do.....	3 27
2856.	Feb. 4.	N. W. Oil & Grease Co., misc.....	do.....	10 50
2857.	Feb. 4.	Wm. O'Connor, misc.....	do.....	10 55
2858.	Feb. 4.	Pease Hdw. Co., misc.....	do.....	7 15
2859.	Feb. 4.	C. J. Rolfe, misc.....	do.....	29 75
2860.	Feb. 4.	Russell Creamery Co., misc.....	do.....	8 77
2861.	Feb. 4.	Superior Hdw. Co., misc.....	do.....	13 60
2862.	Feb. 4.	Superior Hdw. Co., a & c.....	do.....	9 85
2863.	Feb. 4.	Twohy Emion Merc. Co., misc.....	do.....	5 21
2864.	Feb. 4.	R. O. Connor & Son, r. b.....	Whitewater	24 37
2865.	Feb. 4.	Albert Salisbury, misc.....	do.....	32 46
2866.	Feb. 4.	Maud Brewster, sal.....	Institute	25 00
2867.	Feb. 4.	W. H. Cheever, sal. & exp.....	do.....	35 55
2868.	Feb. 4.	F. M. Jack, sal. & exp.....	do.....	28 91
Total audit February 4, 1908.....				\$4,091 10
2869.	Feb. 6.	C. H. Crownhart, reg. exp. & services.....	Board	206 94
2870.	Feb. 6.	F. D. Ensign, exp. & services.....	do.....	64 25
2871.	Feb. 6.	H. O. Hamilton, reg. exp. & services.....	do.....	155 57
2872.	Feb. 6.	John Harrington, reg. exp. & services.....	do.....	226 26
2873.	Feb. 6.	Theodore Kronshage, reg. exp. & services.....	do.....	115 67
2874.	Feb. 6.	C. D. McFarland, reg. exp. & services.....	do.....	189 25
2875.	Feb. 6.	D. McGregor, reg. exp. & services.....	do.....	191 83
2876.	Feb. 6.	Thomas Morris, reg. exp. & services.....	do.....	200 20
2877.	Feb. 6.	J. A. Peacock, reg. exp. & services.....	do.....	192 75
2878.	Feb. 6.	John H. Roemer, reg. services.....	do.....	5 00
2879.	Feb. 6.	Paul H. Tratt, reg. exp. & services.....	do.....	21 00
2880.	Feb. 6.	Theodora W. Youmans, reg. exp. & services.....	do.....	54 28
2881.	Feb. 6.	Theodora W. Youmans, reg. exp. & services.....	do.....	11 50
2882.	Feb. 6.	W. J. Brier, general expenses.....	do.....	26 15
2883.	Feb. 6.	John A. Keith, general expenses.....	do.....	15 83
2884.	Feb. 6.	J. W. Livingston, general expenses.....	do.....	13 52
2885.	Feb. 6.	V. E. McCaskill, general expenses.....	do.....	29 65
2886.	Feb. 6.	Chas. McKenny, general expenses.....	do.....	15 30
2887.	Feb. 6.	John F. Sims, general expenses.....	do.....	22 33
2888.	Feb. 6.	F. F. Churchill, sal.....	do.....	50 00
Total audit Feb. 6, 1908.....				\$1,807 28
Total amount of bills audited from July 1, 1907, to February 6, 1908, inclusive.....				\$308,965 54

List of Vouchers Paid, 1907-1908.

No.	Date.	Name.	City.	Amount.
			Milwaukee	\$4,538 75
1.	Feb. 26.	Pay roll, sals.....	do.....	11 34
2.	Feb. 26.	American Book Co., t. b.....	do.....	9 60
3.	Feb. 26.	Atkinson, Mentzer & Grover, t. b.....	do.....	70
4.	Feb. 26.	Frank A. Bentley, misc.....	do.....	3 98
5.	Feb. 26.	M. A. Bussewitz, misc.....	do.....	10 98
6.	Feb. 26.	W. F. Dearborn, misc.....	do.....	69 25
7.	Feb. 26.	Hendee-Bamford-Crandall Co., sta.....	do.....	40 98
8.	Feb. 26.	R. Jeske & Bro., rep.....	do.....	19 15
9.	Feb. 26.	The MacMillan Co., r. b.....	do.....	27 04
10.	Feb. 26.	Chas. McKenny, sta.....	do.....	5 00
11.	Feb. 26.	Mil. Dustless Brush Co., misc.....	do.....	9 00
12.	Feb. 26.	Mil. Free Press, r. b.....	do.....	43 50
13.	Feb. 26.	Fred Schmidt, sal.....	do.....	3 76
14.	Feb. 26.	C. H. Sears, misc.....	do.....	2 96
15.	Feb. 26.	Nina C. Vandewalker, misc.....	do.....	16 80
16.	Feb. 26.	H. H. West Co., misc.....	do.....	14 60
17.	Feb. 26.	H. H. West Co., misc.....	do.....	7 80
18.	Feb. 26.	Western Builder Pub. Co., bldg.....	do.....	5,089 25
			Oshkosh..	
19.	Feb. 26.	Pay roll, sals.....	do.....	1 70
20.	Feb. 26.	Am. Express Co., t. b.....	do.....	7 00
21.	Feb. 26.	Atkinson, Mentzer, Grover, t. b.....	do.....	27 00
22.	Feb. 26.	Bausch & Lomb Optical Co., a. & c.....	do.....	9 25
23.	Feb. 26.	Buckstaff-Edward Co., rep.....	do.....	3 20
24.	Feb. 26.	Thos. Charles Co., misc.....	do.....	19 50
25.	Feb. 26.	Castle-Pierce Ptg. Co., sta.....	do.....	26 25
26.	Feb. 26.	L. O. Chase, misc.....	do.....	14 60
27.	Feb. 26.	Cora I. Coxshall, sal.....	do.....	6 20
28.	Feb. 26.	H. C. Doman Co., rep.....	do.....	81 32
29.	Feb. 26.	B. M. Crane, sta.....	do.....	10 50
30.	Feb. 26.	Duggan Printing Co., sta.....	do.....	10 69
31.	Feb. 26.	Ginn & Co., t. b.....	do.....	4 00
32.	Feb. 26.	Winifred Johnson, sal.....	do.....	7 55
33.	Feb. 26.	Houghton-Mifflin Co., t. b.....	do.....	20 00
34.	Feb. 26.	Keystone View Co., a. & c.....	do.....	16 40
35.	Feb. 26.	Krippene Hdw. Co., misc.....	do.....	7 75
36.	Feb. 26.	Addie Libert, sal.....	do.....	4 77
37.	Feb. 26.	The Macmillan Co., t. b.....	do.....	7 00
38.	Feb. 26.	Jennie G. Marvin, sal.....	do.....	10 00
39.	Feb. 26.	R. McMillen Co., misc.....	do.....	21 33
40.	Feb. 26.	A. C. McClurg & Co., r. b.....	do.....	36 08
41.	Feb. 26.	Scott, Forsman Co., t. b.....	do.....	14 81
42.	Feb. 26.	Oshkosh Gas Ltg. Co., ltg.....	do.....	36 83
43.	Feb. 26.	Oshkosh Gas Light Co., ltg.....	do.....	5 00
44.	Feb. 26.	Jessie E. Moore, misc.....	do.....	18 00
45.	Feb. 26.	E. Stokeling, rep.....	do.....	2 13
46.	Feb. 26.	Wis. Telephone Co., misc.....	do.....	3 60
47.	Feb. 26.	Harrison Wood, sal.....	do.....	11 70
48.	Feb. 26.	Marie Sherburne, sta.....	do.....	4 50
49.	Feb. 26.	W. A. Wadkins, misc.....	do.....	16 80
50.	Feb. 26.	Wm. Wilhelmi, misc.....	do.....	
			Platteville	\$3,230 00
51.	Feb. 26.	Pay roll, sals.....	do.....	18 75
52.	Feb. 26.	Allyn & Bacon, t. b.....	do.....	7 75
53.	Feb. 26.	D. Appleton & Co., t. b.....	do.....	30 96
54.	Feb. 26.	D. Appleton, t. b.....	do.....	31 25
55.	Feb. 26.	Mrs. H. F. Austin, sal.....	do.....	4 00
56.	Feb. 26.	A. B. Dick Co., misc.....	do.....	5 00
57.	Feb. 26.	Lloyd V. France, a. & c.....	do.....	3 95
58.	Feb. 26.	G. E. Frederick, misc.....	do.....	56 84
59.	Feb. 26.	Ginn & Co., t. b.....	do.....	409 24
60.	Feb. 26.	J. J. Gray, fuel.....	do.....	17 60
61.	Feb. 26.	E. N. Hawley, furn.....	do.....	13 93
62.	Feb. 26.	Mrs. Lena Henry, sal.....	do.....	9 29
63.	Feb. 26.	Charles Howard, misc.....	do.....	16 06
64.	Feb. 26.	Mrs. Julia Hull, sal.....	do.....	14 36
65.	Feb. 26.	A. C. McClurg Co., t. b.....	do.....	32 49
66.	Feb. 26.	A. C. McClurg & Co., t. b.....	do.....	46 93
67.	Feb. 26.	A. C. McClurg & Co., t. b.....	do.....	21 65
68.	Feb. 26.	A. C. McClurg & Co., r. b.....	do.....	58 10
69.	Feb. 26.	Platteville Ltg. & Power Co., ltg.....	do.....	

List of Vouchers Paid, 1907-1908.

70.	Feb. 26.	J. M. Rose, furn.....	Platteville	164 90
71.	Feb. 26.	Anthony Schmitt, sal.....	do.....	100 00
72.	Feb. 26.	Silver Burdett & Co., t. b.....	do.....	12 50
73.	Feb. 26.	A. A. Spung, a. & c.....	do.....	4 50
74.	Feb. 26.	A. G. Spalding & Bros., misc.....	do.....	6 36
75.	Feb. 26.	Pay roll, sals.....	River Falls	\$2,831 00
76.	Feb. 26.	Allyn & Bacon, t. b.....	do.....	5 30
77.	Feb. 26.	A. H. Andrews Co., furn.....	do.....	80 00
78.	Feb. 26.	A. B. Dick & Co., misc.....	do.....	12 96
79.	Feb. 26.	Abbie L. Flint, sal.....	do.....	85 00
80.	Feb. 26.	Hattie L. Flint, sal.....	do.....	25 00
81.	Feb. 26.	Houghton-Mifflin Co., r. b.....	do.....	21 60
82.	Feb. 26.	I. I. Lusk, furn.....	do.....	8 00
83.	Feb. 26.	Marshall Field Co., furn.....	do.....	47 82
84.	Feb. 26.	McClain & Gray Co., furn.....	do.....	44 00
85.	Feb. 26.	Silver Burdett Co., t. b.....	do.....	14 65
86.	Feb. 26.	Bert Symes, rep.....	do.....	24 20
87.	Feb. 26.	Chas. H. Taylor, a. & c.....	do.....	11 40
88.	Feb. 26.	Waldorf Bindery Co., r. b.....	do.....	21 55
89.	Feb. 26.	C. D. Williams, a. & c.....	do.....	5 00
90.	Feb. 26.	E. F. Wright, misc.....	do.....	34 60
91.	Feb. 26.	Pay roll, sals.....	Stevens Point	\$3,311 75
92.	Feb. 26.	E. A. Arenbeg, furn.....	do.....	6 50
93.	Feb. 26.	Baker Paper Co., sta.....	do.....	43 20
94.	Feb. 26.	J. W. Dunegan, r. b.....	do.....	69 07
95.	Feb. 23.	Ginn & Co., t. b.....	do.....	69 92
96.	Feb. 26.	Gross & Jacobs, fuel.....	do.....	596 61
97.	Feb. 23.	D. C. Heath & Co, t. b.....	do.....	39 60
98.	Feb. 26.	C. Krembs & Bro., misc.....	do.....	11 33
99.	Feb. 26.	Library Bureau, sta.....	do.....	5 50
100.	Feb. 26.	Edward Mach, sal.....	do.....	13 66
101.	Feb. 26.	The Macmillan Co., t. b.....	do.....	12 32
102.	Feb. 26.	B. V. Martin, rep.....	do.....	10 58
103.	Feb. 26.	Peter Majerus, sal.....	do.....	10 88
104.	Feb. 26.	A. C. McClurg & Co., r. b.....	do.....	36 46
105.	Feb. 26.	R. D. McCullough Co., misc.....	do.....	9 58
106.	Feb. 26.	F. H. Murray, misc.....	do.....	3 88
107.	Feb. 26.	National Express Co., misc.....	do.....	5 37
108.	Feb. 26.	Newsom & Co., t. b.....	do.....	2 88
109.	Feb. 26.	Post Publishing Co., t. b.....	do.....	5 45
110.	Feb. 23.	Reading & Newman, misc.....	do.....	11 67
111.	Feb. 26.	Reton Bros. & Co., rep.....	do.....	2 50
112.	Feb. 23.	Paul Schadewald, sal.....	do.....	27 00
113.	Feb. 26.	Chas. Scribner's Sons, t. b.....	do.....	8 00
114.	Feb. 26.	F. F. Showers, misc.....	do.....	5 00
115.	Feb. 26.	John F. Sims, misc.....	do.....	13 45
116.	Feb. 26.	Stevens Pt. Ltg. co., ltg.....	do.....	137 18
117.	Feb. 26.	J. B. Sullivan Co., rep.....	do.....	7 98
118.	Feb. 26.	U. S. Express Co., misc.....	do.....	4 60
119.	Feb. 26.	Wisconsin Telephone Co., misc.....	do.....	10 20
120.	Feb. 26.	Pay roll, sals.....	Superior..	\$3,110 00
121.	Feb. 26.	F. R. Albright, misc.....	do.....	1 75
122.	Feb. 26.	Allyn & Bacon, t. b.....	do.....	6 58
123.	Feb. 23.	D. Appleton & Co., t. b.....	do.....	8 05
124.	Feb. 26.	Atkinson, Mentzer, Grover, a. & c.....	do.....	24 28
125.	Feb. 26.	Baker Paper Co., sta.....	do.....	3 03
126.	Feb. 26.	Bemis Bag & Paper Co., sta.....	do.....	90
127.	Feb. 26.	Bemis Bag & Paper Co., sta.....	do.....	8 70
128.	Feb. 26.	Bemis Bag & Paper Co., sta.....	do.....	12 60
129.	Feb. 26.	Bemis Bag & Paper Co., misc.....	do.....	1 76
130.	Feb. 26.	Bemis Bag & Paper Co., misc.....	do.....	5 00
131.	Feb. 26.	Herman Bielefeldt, misc.....	do.....	6 00
132.	Feb. 23.	Thos. Charles Co., misc.....	do.....	6 66
133.	Feb. 26.	Martin Franey, sal.....	do.....	50 00
134.	Feb. 26.	Ginn & Co., t. b.....	do.....	5 80
135.	Feb. 26.	Ginn & Co., t. b.....	do.....	5 76
136.	Feb. 26.	Ginn & Co., t. b.....	do.....	11 60
137.	Feb. 26.	Gunda Gunderson, sal.....	do.....	3 00
138.	Feb. 26.	V. E. McCaskill, sta.....	do.....	11 86
139.	Feb. 23.	V. E. McCaskill, sta.....	do.....	13 85
140.	Feb. 26.	A. C. McClurg & Co., t. b.....	do.....	23 13

List of Vouchers Paid, 1907-1908.

141.	Feb. 26.	Neil & Co., rep.....	Superior	13 41
142.	Feb. 26.	Peoples Telephone Co., misc.....	do.....	9 50
143.	Feb. 26.	Thos. Roen, t. b.....	do.....	8 75
144.	Feb. 26.	Russell Bros., r. b.....	do.....	48 00
145.	Feb. 26.	E. H. Sargent Co., a. & c.....	do.....	39 23
146.	Feb. 26.	Charles Scribners Sons, t. b.....	do.....	75 25
147.	Feb. 26.	Superior Towel Exch., misc.....	do.....	2 23
148.	Feb. 26.	Superior Hdw. co., misc.....	do.....	18 79
149.	Feb. 26.	G. Tjensvold, a. & c.....	do.....	4 60
150.	Feb. 26.	W. L. & P. Co., w. r.....	do.....	78 22
151.	Feb. 26.	Pay roll, sals.....	Whitewater	\$3,228 01
152.	Feb. 26.	American Book Co., t. b.....	do.....	11 53
153.	Feb. 26.	American Gymnasia Co., misc.....	do.....	2 04
154.	Feb. 26.	Ainsworth & Co., t. b.....	do.....	3 83
155.	Feb. 26.	Atkinson, Mentzer, Grover, t. b.....	do.....	13 12
156.	Feb. 26.	Atkinson, Mentzer, Grover, a. & c.....	do.....	16 00
157.	Feb. 26.	C. M. Barnes-Wilcox Co., t. b.....	do.....	56 21
158.	Feb. 26.	B. D. Berry & Co., t. b.....	do.....	8 45
159.	Feb. 26.	Otto Brummund, sal.....	do.....	10 00
160.	Feb. 26.	Thos. Charles Co., furn.....	do.....	14 72
161.	Feb. 26.	Ginn & Co., t. b.....	do.....	8 10
162.	Feb. 26.	Johnson & Callahan, misc.....	do.....	15 75
163.	Feb. 26.	Little, Brown & Co., t. b.....	do.....	14 78
164.	Feb. 26.	R. O'Connor & Son, r. b.....	do.....	11 22
165.	Feb. 26.	R. O'Connor & Son, misc.....	do.....	9 23
166.	Feb. 26.	R. O'Connor & Son, misc.....	do.....	27 15
167.	Feb. 26.	R. O'Connor & Son, misc.....	do.....	50 60
168.	Feb. 26.	Row, Peterson & Co., t. b.....	do.....	5 66
169.	Feb. 26.	Albert Phillips, misc.....	do.....	20 70
170.	Feb. 26.	Public School Pub. Co., t. b.....	do.....	72 58
171.	Feb. 26.	Albert Salisbury, sta.....	do.....	35 05
172.	Feb. 26.	Albert Salisbury, misc.....	do.....	6 48
173.	Feb. 26.	Shea, Smith & Co., sta.....	do.....	17 19
174.	Feb. 26.	H. C. Smith, furn.....	do.....	46 50
175.	Feb. 26.	Subscription News Co., misc.....	do.....	9 75
176.	Feb. 26.	H. H. West Co., sta.....	do.....	3 70
177.	Feb. 26.	Wis. Telephone Co., misc.....	do.....	37 46
178.	Feb. 26.	Whitewater Elec. Ltg. Co., ltg.....	do.....	100 00
178.	Feb. 26.	Whitewater Wtr. Wks., w. r.....	do.....	100 00
179.	Feb. 26.	Vivian Baker, gen. exp.....	Board..	60 00
180.	Feb. 26.	William Kittle, sec'y services.....	do.....	166 55
181.	Feb. 26.	William Kittle, gen. exp.....	do.....	15 75
182.	Feb. 26.	J. A. Peacock, reg. exp.....	do.....	13 60
183.	Feb. 26.	Albert Salisbury, gen. exp.....	do.....	12 70
184.	Feb. 26.	Chi. & N. W. R. R. Co., gen. exp.....	do.....	40 00
Total audit Feb. 26, 1908.....				\$30,310 98
No.	Date.	Name.	City.	Amount.
183.	Mar. 25.	American Book Co., t. b.....	Milwaukee	\$28 20
187.	Mar. 25.	Atkinson, Mentzer & Grover, t. b.....	do.....	17 54
188.	Mar. 25.	Drake Bros. misc.....	do.....	10 18
189.	Mar. 25.	Ginn & Co., t. b.....	do.....	44 00
190.	Mar. 25.	Ginn & Co., t. b.....	do.....	22 68
191.	Mar. 25.	Grumiaux News & Subs. Co., r. b.....	do.....	40 85
192.	Mar. 25.	Henry Holt & Co., r. b.....	do.....	71 60
193.	Mar. 25.	Geo. T. Johnson Co., misc.....	do.....	9 50
194.	Mar. 25.	Kanawha Fuel Co., fuel.....	do.....	148 79
195.	Mar. 25.	B. K. Korick, misc.....	do.....	5 60
196.	Mar. 25.	Wm. C. Kruel, furn.....	do.....	22 50
197.	Mar. 25.	Longmans, Green & Co., r. b.....	do.....	1 54
198.	Mar. 25.	Maryland Casualty Co., misc.....	do.....	35 00
199.	Mar. 25.	Mil. Gas Light Co., ltg.....	do.....	36 78
200.	Mar. 25.	Benj. H. Sanborn Co., t. b.....	do.....	48 25
201.	Mar. 25.	Silver Burdett & Co., t. b.....	do.....	7 50
202.	Mar. 25.	West Disinfecting Co., misc.....	do.....	5 00
203.	Mar. 25.	Pay roll, sals.....	Oshkosh	\$5,129 00
204.	Mar. 25.	Am. Express Co., t. b.....	do.....	4 58
205.	Mar. 25.	Am. Seating Co., furn.....	do.....	22 45
206.	Mar. 25.	Baker Paper Co., sta.....	do.....	68 25
207.	Mar. 25.	Baker Paper Co., sta.....	do.....	15 00

List of Vouchers Paid, 1907-1908.

208.	Mar. 25.	Anthony Bowers, misc.....	Oshkosh	8 00
209.	Mar. 25.	L. W. Briggs, sal.....	do.....	350 00
210.	Mar. 25.	Ralph M. Burtis Co., misc.....	do.....	4 35
211.	Mar. 25.	Campbell-Cameron Co., fuel.....	do.....	12 25
212.	Mar. 25.	Castle-Pierce Ptg Co., sta.....	do.....	10 50
213.	Mar. 25.	Thomas Charles Co., misc.....	do.....	3 35
214.	Mar. 25.	Jos. G. Charles, furn.....	do.....	3 35
215.	Mar. 25.	Cook & Brown Lime Co., fuel.....	do.....	730 07
216.	Mar. 25.	Cora I. Coxshall, sal.....	do.....	10 20
217.	Mar. 25.	Ginn & Co., t. b.....	do.....	6 00
218.	Mar. 25.	Ginn & Co., t. b.....	do.....	14 40
219.	Mar. 25.	Grumiaux News & Subs. Co., misc.....	do.....	5 20
220.	Mar. 25.	Grumiaux News & Subs. Co., misc.....	do.....	90 05
221.	Mar. 25.	Hay Hardware Co., misc.....	do.....	23 80
222.	Mar. 25.	J. L. Hammett Co., misc.....	do.....	11 19
223.	Mar. 25.	Harper & Bros., r. b.....	do.....	1 65
224.	Mar. 25.	Henry Holt Co., t. b.....	do.....	8 75
225.	Mar. 25.	John Humphreys, sals.....	do.....	17 50
226.	Mar. 25.	Winifred Johnson, sals.....	do.....	4 00
227.	Mar. 25.	F. M. Lampson, rep.....	do.....	13 43
228.	Mar. 25.	F. M. Lampson, misc.....	do.....	9 40
229.	Mar. 25.	Addie Libert, sal.....	do.....	6 50
230.	Mar. 25.	Macmillan Co., t. b.....	do.....	35 84
231.	Mar. 25.	A. C. McClurg Co., r. b.....	do.....	40 65
232.	Mar. 25.	A. C. McClurg Co., t. b.....	do.....	4 10
233.	Mar. 25.	Wm. G. Millan, misc.....	do.....	1 00
234.	Mar. 25.	Jesse E. Moore, misc.....	do.....	5 00
235.	Mar. 25.	Frieda Mueller, sal.....	do.....	25 00
236.	Mar. 25.	Nat'l Educational Assn., r. b.....	do.....	2 00
237.	Mar. 25.	Oshkosh Gas Light Co., ltg.....	do.....	43 52
238.	Mar. 25.	Oshkosh Gas Light Co., ltg.....	do.....	17 77
239.	Mar. 25.	F. A. Plummer Co., misc.....	do.....	2 25
240.	Mar. 25.	Benj. H. Sanborn & Co., t. b.....	do.....	1 98
241.	Mar. 25.	Webb's House Furn. Co., misc.....	do.....	3 50
242.	Mar. 25.	Weeden Drug Co., misc.....	do.....	1 85
243.	Mar. 25.	Wm. Wilhelm, misc.....	do.....	9 40
244.	Mar. 25.	Wis. Telephone Co., misc.....	do.....	1 00
245.	Mar. 25.	Pay roll, sals.....	Platteville	\$3,405 00
246.	Mar. 25.	Herman Andrae Elec. Co., furn.....	do.....	666 20
247.	Mar. 25.	American Book Co., t. b.....	do.....	11 79
248.	Mar. 25.	Mrs. H. F. Austin, misc.....	do.....	25 00
249.	Mar. 25.	C. P. Cary, t. b.....	do.....	4 00
250.	Mar. 25.	A. D. & J. V. Frederickson, a. & c.....	do.....	11 50
251.	Mar. 25.	Ginn & Co., t. b.....	do.....	30 72
252.	Mar. 25.	J. J. Gray, fuel.....	do.....	533 12
253.	Mar. 25.	E. N. Hawley, furn.....	do.....	63 00
254.	Mar. 25.	Sadie B. Livingston, sal.....	do.....	25 00
255.	Mar. 25.	A. C. McClurg & Co., r. b.....	do.....	18 70
256.	Mar. 25.	A. C. McClurg & Co., r. b.....	do.....	27 01
257.	Mar. 25.	Jessica McGregor, sal.....	do.....	32 00
258.	Mar. 25.	Chas. H. Meyer, furn.....	do.....	236 76
259.	Mar. 25.	B. B. Newell, misc.....	do.....	10 00
260.	Mar. 25.	Platteville Light & Power Co., ltg.....	do.....	34 15
261.	Mar. 25.	J. Raynor, a. & c.....	do.....	11 73
262.	Mar. 25.	V. M. Russell, misc.....	do.....	35 00
263.	Mar. 25.	Anthony Schmitt, sal.....	do.....	43 33
264.	Mar. 25.	Johnson Service Co., bid.....	do.....	2,000 00
265.	Mar. 25.	Pay roll, sals.....	River Falls	\$2,962 50
266.	Mar. 25.	American Book Co., t. b.....	do.....	3 46
267.	Mar. 25.	F. L. Baker, misc.....	do.....	13 45
268.	Mar. 25.	Bausch & Lomb Opt. Co., a. & c.....	do.....	18 77
269.	Mar. 25.	W. J. Brier, misc.....	do.....	13 92
270.	Mar. 25.	C. P. Cary, r. b.....	do.....	15 00
271.	Mar. 25.	Central Scientific Co., a. & c.....	do.....	39 74
272.	Mar. 25.	Consolidated Lumber Co., fuel.....	do.....	153 20
273.	Mar. 25.	Democrat Ptg Co., sta.....	do.....	5 61
274.	Mar. 25.	Abbie L. Flint, sal.....	do.....	22 50
275.	Mar. 25.	Hattie L. Flint, sal.....	do.....	25 00
276.	Mar. 25.	Garden City Ed. Co., misc.....	do.....	10 48
277.	Mar. 25.	D. C. Heath & Co., t. b.....	do.....	9 39
278.	Mar. 25.	Henry Holt & Co., t. b.....	do.....	41 80

List of Vouchers Paid, 1907-1908.

279.	Mar. 25.	John Leslie Paper Co., misc.....	River Falls	23 10
280.	Mar. 25.	The Macmillan Co., t. b.....	do.....	19 87
281.	Mar. 25.	A. C. McClurg & Co., r. b.....	do.....	14 44
282.	Mar. 25.	National Educational Assn., r. b.....	do.....	2 00
283.	Mar. 25.	P. Pederson, misc.....	do.....	5 00
284.	Mar. 25.	Frang Educational Co., misc.....	do.....	10 00
285.	Mar. 25.	C. T. Richey, misc.....	do.....	1 80
286.	Mar. 25.	St. Paul Book & Sta. Co., a. & c.....	do.....	12 31
287.	Mar. 25.	Pay roll, sals.....	Stevens Point	\$3,336 50
288.	Mar. 25.	American book Co., t. b.....	do.....	53 99
289.	Mar. 25.	Andrae & Shaffer, misc.....	do.....	5 98
290.	Mar. 25.	Bausch & Lomb Opt. Co., a. & c.....	do.....	21 99
291.	Mar. 25.	Nina Chenevert, sal.....	do.....	2 25
292.	Mar. 25.	Genevieve Clifford, sal.....	do.....	1 88
293.	Mar. 25.	Continental Mfg. Co., misc.....	do.....	8 75
294.	Mar. 25.	Mrs. J. W. Dake, misc.....	do.....	2 04
295.	Mar. 25.	Blanche Dafoe, sal.....	do.....	3 75
296.	Mar. 25.	First Nat'l Bank, misc.....	do.....	5 10
297.	Mar. 25.	Houghton-Mifflin Co., t. b.....	do.....	33 62
298.	Mar. 25.	Ed. King, fuel.....	do.....	180 00
299.	Mar. 25.	Wm. C. Kreul Co., furn.....	do.....	26 48
300.	Mar. 25.	Library Bureau, furn.....	do.....	12 80
301.	Mar. 25.	Longmans, Green & Co., t. b.....	do.....	7 80
302.	Mar. 25.	Edward Mach, sal.....	do.....	12 61
303.	Mar. 25.	Peter Majerus, sal.....	do.....	13 13
304.	Mar. 25.	A. C. McClurg & Co., t. b.....	do.....	73 23
305.	Mar. 25.	H. D. McCulloch Co., misc.....	do.....	6 49
306.	Mar. 25.	Moll-Glennon Co., misc.....	do.....	8 90
307.	Mar. 25.	F. H. Murray, misc.....	do.....	13 59
308.	Mar. 25.	The Normal Pointer, misc.....	do.....	15 00
309.	Mar. 25.	A. J. Nystrom, a. & c.....	do.....	15 80
310.	Mar. 25.	John N. Peickert, misc.....	do.....	4 01
311.	Mar. 25.	Silver, Burdett & Co., t. b.....	do.....	2 22
312.	Mar. 25.	A. G. Spalding & Bros., misc.....	do.....	6 34
313.	Mar. 25.	Stevens Point Water Co., w. r.....	do.....	100 00
314.	Mar. 25.	Florence Stieler, sal.....	do.....	4 25
315.	Mar. 25.	F. A. Sustens, rep.....	do.....	61 26
316.	Mar. 25.	J. B. Sullivan & Co., rep.....	do.....	48 04
317.	Mar. 25.	U. S. Express Co., misc.....	do.....	1 40
318.	Mar. 25.	Vetter Mfg. Co., misc.....	do.....	16 31
319.	Mar. 25.	Wis. Tel. Co., misc.....	do.....	7 00
320.	Mar. 25.	J. Warzalla Sons, ptg.....	do.....	35 00
321.	Mar. 25.	Pay roll, sals.....	Superior	\$3,110 00
322.	Mar. 25.	American Seating Co., rep.....	do.....	1 22
323.	Mar. 25.	Baker Paper Co., sta.....	do.....	6 25
324.	Mar. 25.	Bemis Bag & Paper Co., misc.....	do.....	5 51
325.	Mar. 25.	Bemis Bag & Paper Co., sta.....	do.....	2 50
326.	Mar. 25.	Bemis Bag & Paper Co., r. b.....	do.....	6 50
327.	Mar. 25.	Bemis Bag & Paper Co., misc.....	do.....	7 00
328.	Mar. 25.	Bemis Bag & Paper Co., sta.....	do.....	8 81
329.	Mar. 25.	Bemis Bag & Paper Co., sta.....	do.....	3 60
330.	Mar. 25.	Bemis Bag & Paper Co., t. b.....	do.....	2 52
331.	Mar. 25.	H. A. Bielefeldt, misc.....	do.....	10 20
332.	Mar. 25.	Central Scientific Co., a. & c.....	do.....	7 98
333.	Mar. 25.	Thos. Charles Co., misc.....	do.....	37 02
334.	Mar. 25.	Finch Fuel Co., fuel.....	do.....	149 31
335.	Mar. 25.	Foote Mineral Co., a. & c.....	do.....	9 65
336.	Mar. 25.	Gunda Gunderson, sal.....	do.....	5 00
337.	Mar. 25.	T. H. Lage, misc.....	do.....	8 94
338.	Mar. 25.	Library Bureau, r. b.....	do.....	6 85
339.	Mar. 25.	N. E. A., r. b.....	do.....	2 00
340.	Mar. 25.	Wm. O'Connor, misc.....	do.....	12 27
341.	Mar. 25.	People's Tel. Co., misc.....	do.....	9 50
342.	Mar. 25.	Roth Bros. Co., misc.....	do.....	2 97
343.	Mar. 25.	Paul A. Schmitt, t. b.....	do.....	11 50
344.	Mar. 25.	Sedlachek & Anderson, bldg.....	do.....	5,327 00
345.	Mar. 25.	Silver-Tonsberg Co., sta.....	do.....	6 00
346.	Mar. 25.	Superior Towel Exchange, misc.....	do.....	2 99
347.	Mar. 25.	W. L. P. Co., ltr.....	do.....	81 72

List of Vouchers Paid, 1907-1908.

348.	Mar. 24.	Pay roll, sals.....	Whitewater	\$3,274 62
349.	Mar. 25.	Baker Paper Co., t. b.....	do.....	11 35
350.	Mar. 25.	F. R. Bloodgood, sta.....	do.....	22 45
351.	Mar. 25.	Otto Brummund, sal.....	do.....	10 00
352.	Mar. 25.	F. L. Burdick, misc.....	do.....	20 00
353.	Mar. 25.	C. P. Cary, t. b.....	do.....	4 50
354.	Mar. 25.	J. C. Coxe Co., misc.....	do.....	1 35
355.	Mar. 25.	A. Flanagan Co., furn.....	do.....	15 00
356.	Mar. 25.	Irwin Shepard, r. b.....	Whitewater	2 00
357.	Mar. 25.	McKinley Pub. Co., t. b.....	do.....	6 40
358.	Mar. 25.	Northern Paper Mills, misc.....	do.....	11 76
359.	Mar. 25.	R. O'Connor & Son, r. b.....	do.....	26 77
360.	Mar. 25.	Geo. T. Packard, rep.....	do.....	8 00
361.	Mar. 25.	Phil. E. Trautmann, rep.....	do.....	11 53
362.	Mar. 25.	The Whitewater Register, ptg.....	do.....	72 50
363.	Mar. 25.	Whitewater Electric Light Co., ltg.....	do.....	27 15
364.	Mar. 25.	Wis. Tel. Co., misc.....	do.....	3 10
365.	Mar. 25.	W. H. Cheever, exps.....	Institute	\$3 50
366.	Mar. 25.	W. H. Cheever, sal. & exps.....	do.....	46 50
367.	Mar. 25.	W. H. Cheever, sal & exps.....	do.....	20 78
368.	Mar. 25.	W. C. Hewitt, sal. & exps.....	do.....	31 18
369.	Mar. 25.	W. C. Hewitt, exps.....	do.....	6 40
370.	Mar. 25.	Frank M. Jack, sal. & exps.....	do.....	29 97
371.	Mar. 25.	V. E. McCaskill, sal. & exps.....	do.....	20 49
372.	Mar. 25.	O. J. Schuster, sal. & exps.....	do.....	24 35
373.	Mar. 25.	Geo. C. Shutts, sal. & exps.....	do.....	32 00
374.	Mar. 25.	Geo. C. Shutts, sal. & exps.....	do.....	29 72
375.	Mar. 25.	Geo. C. Shutts, exps.....	do.....	16 28
376.	Mar. 25.	John F. Sims, sal. & exps.....	do.....	17 58
377.	Mar. 25.	Vivien S. Baker, gen. exps.....	Board..	\$60 00
378.	Mar. 25.	Chicago & N. W. Ry., gen. exps.....	do.....	80 00
379.	Mar. 25.	Dane County Tel. Co., gen. exps.....	do.....	6 00
380.	Mar. 25.	Germania-Herold Assn., gen. exps.....	do.....	21 38
381.	Mar. 25.	Improvement Bulletin, gen. exps.....	do.....	36 60
382.	Mar. 25.	William Kittle, secy., services.....	do.....	166 66
383.	Mar. 25.	La Crosse Tribune Co., gen. exps.....	do.....	14 65
384.	Mar. 25.	J. A. Merrill, gen. exps.....	do.....	21 50
385.	Mar. 25.	Western Builder, gen. exps.....	do.....	7 80
Total audit March 25th, 1908.....				\$35,199 18

No.	Date,	Name.	City.	Amount.
386.	Apr. 8.	Pay roll, sals.....	Milwaukee	\$4,584 00
Total audit April 8th, 1908.....				\$4,584 00

No.	Date.	Name.	City.	Amount.
387.	Apr. 23.	Pay roll, sals.....	Milwaukee	\$4,563 00
388.	Apr. 23.	Mrs. Fred Best, misc.....	do.....	2 00
389.	Apr. 23.	Maud Burdick, misc.....	do.....	28 50
390.	Apr. 23.	Maud Burdick, misc.....	do.....	2 96
391.	Apr. 23.	Boss & Maurer, misc.....	do.....	21 51
392.	Apr. 23.	M. A. Bussewitz, misc.....	do.....	4 65
393.	Apr. 23.	Central Scientific Co., a. & c.....	do.....	39 15
394.	Apr. 23.	W. H. Cheever, misc.....	do.....	3 05
395.	Apr. 23.	Thos. Charles Co., misc.....	do.....	31 16
396.	Apr. 23.	City of Milwaukee, misc.....	do.....	21 50
397.	Apr. 23.	Louis J. Eschweiler, misc.....	do.....	5 25
398.	Apr. 23.	Espenhains Dry Goods Co., misc.....	do.....	12 63
399.	Apr. 23.	Gas Consumers' Assoc., ltg.....	do.....	3 00
400.	Apr. 23.	S. Y. Gillan & Co., r. b.....	do.....	36 25
401.	Apr. 23.	Hinds, Noble & Eldredge, t. b.....	do.....	1 35
402.	Apr. 23.	Houghton, Mifflin & Co., r. b.....	do.....	9 35
403.	Apr. 23.	Herman Hauschman, misc.....	do.....	10 00
404.	Apr. 23.	Herman Hauschman, misc.....	do.....	10 00
405.	Apr. 23.	Hendee Bamford Crandall Co., misc.....	do.....	53 50
406.	Apr. 23.	M. Hilty Lumber Co., misc.....	do.....	9 26
407.	Apr. 23.	Independent Oil & Grease Co., misc.....	do.....	31 85
408.	Apr. 23.	Mrs. Emma Johnson, t. b.....	do.....	2 50
409.	Apr. 23.	Kanawha Fuel Co., fuel.....	do.....	259 10

List of Vouchers Paid, 1907-1908.

410.	Apr. 23.	Kanawha Fuel Co., fuel.....	Milwaukee	341 12
411.	Apr. 23.	Kreiter Piano Co., misc.....	do.....	200 00
412.	Apr. 23.	Landauer & Co., misc.....	do.....	5 88
412a.	Apr. 23.	Library Bureau, r. b.....	do.....	17 79
413.	Apr. 23.	Macmillan Co., r. b.....	do.....	5 00
414.	Apr. 25.	The Macmillan Co., r. b.....	do.....	4 67
415.	Apr. 23.	A. C. McClurg & Co., r. b.....	do.....	76 59
416.	Apr. 23.	Chas. McKenny, misc.....	do.....	50 00
417.	Apr. 23.	Chas. McKenny, misc.....	do.....	15 84
418.	Apr. 23.	Chas. McKenny, sta.....	do.....	15 16
419.	Apr. 23.	Milwaukee Gas Light Co., ltg.....	do.....	36 00
420.	Apr. 23.	Milwaukee Water Works, w. r.....	do.....	51 09
421.	Apr. 23.	Powers & Lyons, t. b.....	do.....	10 80
422.	Apr. 23.	Schneck Machine Co., rep.....	do.....	3 53
423.	Apr. 23.	Fred Schmidt, misc.....	do.....	46 50
424.	Apr. 23.	C. H. Sears, misc.....	do.....	3 92
425.	Apr. 23.	Wm. Steinmeyer Co., misc.....	Milwaukee	8 63
426.	Apr. 23.	Otto A. Thiele, misc.....	do.....	9 72
427.	Apr. 23.	Herman Voss Co., r. b.....	do.....	68 25
428.	Apr. 23.	H. H. West, misc.....	do.....	15 65
429.	Apr. 23.	Wisconsin School Supply Co., misc.....	do.....	3 24
430.	Apr. 23.	Van Ryn & De Gelleke, bldg.....	do.....	3,000 00
431.	Apr. 23.	Van Ryn & De Gelleke, bldg.....	do.....	586 51
432.	Apr. 23.	Pay roll, sals.....	Oshkosh	\$5,111 30
433.	Apr. 23.	Allen & Weidner Co., r. b.....	do.....	2 50
434.	Apr. 23.	Allyn & Bacon, t. b.....	do.....	1 23
435.	Apr. 23.	Am. Express Co., misc.....	do.....	90
436.	Apr. 23.	Am. Book Co., t. b.....	do.....	16 20
437.	Apr. 23.	Baker Paper Co., sta.....	do.....	58 46
438.	Apr. 23.	Don P. Birdsall, sal.....	do.....	20 00
439.	Apr. 23.	Ralph M. Burtis Co., rep.....	do.....	12 42
440.	Apr. 23.	Ralph M. Burtis Co., misc.....	do.....	16 11
441.	Apr. 23.	Central Construction Co., rep.....	do.....	1 09
442.	Apr. 23.	Cora I. Coxshall, sal.....	do.....	10 00
443.	Apr. 23.	Educational Pub. Co., t. b.....	do.....	6 55
444.	Apr. 23.	Roy L. Fuller, rep.....	do.....	12 45
445.	Apr. 23.	Ginn & Co., t. b.....	do.....	67 50
446.	Apr. 23.	Hay Hardware Co., misc.....	do.....	8 62
447.	Apr. 23.	S. Heymann Co., misc.....	do.....	1 25
448.	Apr. 23.	J. I. Holcomb Mfg. Co., misc.....	do.....	45 50
449.	Apr. 23.	John Humphreys, sal.....	do.....	35 00
450.	Apr. 23.	John M. Hurn, sta.....	do.....	9 65
451.	Apr. 23.	S. C. Johnson & Son, misc.....	do.....	4 40
452.	Apr. 23.	Winifred Johnson, sal.....	do.....	4 00
453.	Apr. 23.	Addie Libert, sal.....	do.....	8 75
454.	Apr. 23.	Macmillan Co., r. b.....	do.....	1 94
455.	Apr. 23.	A. C. McClurg Co., r. b.....	do.....	61 52
456.	Apr. 23.	O. McCorison, rep.....	do.....	2 50
457.	Apr. 23.	Medberry-Findeisen Co., misc.....	do.....	11 00
458.	Apr. 23.	Jesse E. Moore, misc.....	do.....	12 50
459.	Apr. 23.	Frieda Mueller, sal.....	do.....	10 42
460.	Apr. 23.	Oshkosh Gas Light Co., ltg.....	do.....	13 96
461.	Apr. 23.	Oshkosh Gas Light Co., ltg.....	do.....	40 21
462.	Apr. 23.	Oshkosh Office Supply Co., misc.....	do.....	3 15
463.	Apr. 23.	Oshkosh Water Wks., w. r.....	do.....	103 31
464.	Apr. 23.	Reginald Sanders, sal.....	do.....	20 00
465.	Apr. 23.	Chas. Scribner's Sons, r. b.....	do.....	8 45
466.	Apr. 23.	E. L. Schroeder, sal.....	do.....	15 00
467.	Apr. 23.	E. W. Tilton, misc.....	do.....	2 25
468.	Apr. 23.	F. S. Webster Co., sta.....	do.....	4 50
469.	Apr. 23.	Wm. Welch Co., sta.....	do.....	1 13
470.	Apr. 23.	Wm. Wilhelm, misc.....	do.....	2 20
471.	Apr. 23.	Wisconsin Telephone Co., misc.....	do.....	13 50
472.	Apr. 23.	Pay roll, sals.....	Platteville	\$3,330 00
473.	Apr. 23.	Edward Agan, furn.....	do.....	19 00
474.	Apr. 23.	Mrs. H. F. Austin, sal.....	do.....	28 54
475.	Apr. 23.	Atkinson, Mentzer & Grover, t. b.....	do.....	9 60
476.	Apr. 23.	M. H. E. Beckley, furn.....	do.....	183 10

List of Vouchers Paid, 1907-1908.

477.	Apr. 23.	Brittingham & Hixon Lmbr. Co., a. & c.....	Platteville	4 50
478.	Apr. 23.	Eastman Lmbr. Co., a. & c.....	do.....	19 40
479.	Apr. 23.	Geo. Fox & Sons, furn.....	do.....	1 22
480.	Apr. 23.	J. J. Gray, fuel.....	do.....	316 32
481.	Apr. 23.	C. E. Gilmore, a. & c.....	do.....	5 60
482.	Apr. 23.	E. N. Hawley, furn.....	do.....	203 75
483.	Apr. 23.	Mrs. Lena Henry, sal.....	do.....	29 64
484.	Apr. 23.	Chas. Howard, misc.....	do.....	28 23
485.	Apr. 23.	Orr & Lockett, a. & c.....	do.....	16 68
486.	Apr. 23.	Mrs. Rose Long, sal.....	do.....	3 56
487.	Apr. 23.	A. C. McClurg & Co., t. b.....	do.....	25 27
488.	Apr. 23.	Chas. H. Meyer, bldg.....	do.....	4 13
489.	Apr. 23.	Meyer Shepherd Lmbr. Co., furn.....	do.....	52 24
490.	Apr. 23.	C. H. Meyer, furn.....	do.....	11 83
491.	Apr. 23.	Narragansett Machine Co., furn.....	do.....	62 83
492.	Apr. 23.	A. H. Nehls & Co., a. & c.....	do.....	7 64
493.	Apr. 23.	A. H. Nehls & Co., misc.....	do.....	83 56
494.	Apr. 23.	Platteville Light & Power Co., lgt.....	do.....	23 67
495.	Apr. 23.	Platteville Lmbr. Co., a. & c.....	do.....	12 75
496.	Apr. 23.	H. A. Robinson, a. & c.....	do.....	2 10
497.	Apr. 23.	J. M. Rose, furn.....	do.....	34 00
498.	Apr. 23.	E. H. Sargent, a. & c.....	do.....	1 40
499.	Apr. 23.	Chas. Stephens, furn.....	do.....	18 25
500.	Apr. 23.	Pay roll, sals.....	River Falls	\$2,985 00
501.	Apr. 23.	American Book Co., t. b.....	do.....	2 80
502.	Apr. 23.	A. D. Benson, rep.....	do.....	10 00
503.	Apr. 23.	W. J. Brier, misc.....	do.....	31 24
504.	Apr. 23.	W. J. Brier, misc.....	do.....	11 27
505.	Apr. 23.	Central Scientific Co., a. & c.....	do.....	1 13
506.	Apr. 23.	Edward B. Eaton, r. b.....	do.....	3 00
507.	Apr. 23.	Hattie L. Flint, sal.....	do.....	25 00
508.	Apr. 23.	Garden City Educational Co., misc.....	do.....	2 85
509.	Apr. 23.	Ginn & Co., t. b.....	do.....	33 46
510.	Apr. 23.	C. F. Hinrich, misc.....	do.....	1 75
511.	Apr. 23.	A. C. McClurg & Co., r. b.....	do.....	14 33
512.	Apr. 23.	Narragansett Mch. Co., furn.....	do.....	6 15
513.	Apr. 23.	North Western School Supply Co., furn.....	do.....	5 00
514.	Apr. 23.	Pratt Paper Co., misc.....	do.....	20 15
515.	Apr. 23.	Silver, Burdett Co., t. b.....	do.....	6 10
516.	Apr. 23.	Chas. A. Strelinger Co., misc.....	do.....	8 45
517.	Apr. 23.	Mrs. F. B. Thayer, misc.....	do.....	1 10
518.	Apr. 23.	Pay roll, sals.....	Stevens Point	\$3,350 00
519.	Apr. 23.	Allyn & Bacon, t. b.....	do.....	7 20
520.	Apr. 23.	Andrae & Shaffer Co., misc.....	do.....	9 93
521.	Apr. 23.	Gross & Jacobs, fuel.....	do.....	150 89
522.	Apr. 23.	Gross & Jacobs, fuel.....	do.....	536 52
523.	Apr. 23.	G. P. Engelhard & Co., prtg.....	do.....	38 75
524.	Apr. 23.	Houghton, Mifflin & Co., r. b.....	do.....	11 11
525.	Apr. 23.	C. Krembs & Bro., misc.....	do.....	34 68
526.	Apr. 23.	Edward Mach, sal.....	do.....	11 63
527.	Apr. 23.	Peter J. Majerus, sal.....	do.....	10 43
528.	Apr. 23.	H. D. McCullough Co., misc.....	do.....	9 17
529.	Apr. 23.	F. H. Murray, misc.....	do.....	5 62
530.	Apr. 23.	National Express Co., misc.....	do.....	6 01
536.	Apr. 23.	G. E. Nordbye, misc.....	do.....	6 00
532.	Apr. 23.	J. Peickerts Sons, misc.....	do.....	50
533.	Apr. 23.	John N. Peickert, misc.....	do.....	1 01
534.	Apr. 23.	The Post Publishing Co., r. b.....	do.....	1 60
535.	Apr. 23.	Rand, McNally & Co., r. b.....	do.....	1 08
536.	Apr. 23.	Reton Bros. & Co., misc.....	do.....	1 10
537.	Apr. 23.	John F. Sims, sta.....	do.....	39 52
538.	Apr. 23.	St. Paul Book & Sta. Co., r. b.....	do.....	3 10
539.	Apr. 23.	Stevens Point Ltg. Co., lgt.....	do.....	126 94
540.	Apr. 23.	U. S. Express Co., a. & c.....	do.....	7 08
541.	Apr. 23.	J. Worzalla's Sons, ptg.....	do.....	16 25
542.	Apr. 23.	Wisconsin Telephone Co., misc.....	do.....	3 80

List of Vouchers Paid, 1907-1908.

543.	Apr. 23.	Pay roll, sals.....	Superior	\$3,070 00
544.	Apr. 23.	Atkinson, Mentzer & Grover, t. b.....	do.....	21 76
545.	Apr. 23.	Bemis Bag & Paper Co., misc.....	do.....	12 50
546.	Apr. 23.	Bemis Bag & Paper Co., sta.....	do.....	3 40
547.	Apr. 23.	H. A. Beilfeldt, misc.....	do.....	8 00
548.	Apr. 23.	B. J. Dickson, misc.....	do.....	3 20
549.	Apr. 23.	Do. Co. Telephone Co., misc.....	do.....	16 00
550.	Apr. 23.	Evening Telegram Co., ptg.....	do.....	53 00
551.	Apr. 23.	W. M. Edmont, sta.....	do.....	2 25
552.	Apr. 23.	W. M. Edmont, sta.....	do.....	2 90
553.	Apr. 23.	Finch Fuel Co., fuel.....	do.....	116 92
554.	Apr. 23.	Finch Fuel Co., fuel.....	do.....	396 53
555.	Apr. 23.	Gunda Gunderson, sal.....	do.....	5 00
556.	Apr. 23.	Chester Hopperton, misc.....	do.....	2 40
557.	Apr. 23.	India Alkali Wks., rep.....	do.....	5 17
558.	Apr. 23.	Longmans, Green & Co., r. b.....	do.....	5 62
559.	Apr. 23.	M. May Furn. Co., furn.....	do.....	19 50
560.	Apr. 23.	V. E. McCaskill, rep.....	do.....	8 13
561.	Apr. 23.	V. E. McCaskill, sta.....	do.....	13 89
562.	Apr. 23.	V. E. McCaskill, misc.....	do.....	6 15
563.	Apr. 23.	A. C. McClurg Co., r. b.....	do.....	43 65
564.	Apr. 23.	A. C. McClurg Co., r. b.....	do.....	4 09
565.	Apr. 23.	Anthony Metzges, misc.....	do.....	7 74
566.	Apr. 23.	Neil & Co., ltg.....	do.....	4 80
567.	Apr. 23.	Wm. O'Connor, misc.....	do.....	6 98
568.	Apr. 23.	Pease Hdw. Co., misc.....	do.....	2 25
569.	Apr. 23.	Peoples Telephone Co., misc.....	do.....	9 50
570.	Apr. 23.	The Prang Ed. Co., misc.....	do.....	7 54
571.	Apr. 23.	Lina Prideaux, misc.....	do.....	10 00
572.	Apr. 23.	Remington Typewriter Co., rep.....	do.....	4 50
573.	Apr. 23.	Albert Rodin, misc.....	do.....	7 30
574.	Apr. 23.	Rogers-Ruger Lumber Co., misc.....	do.....	7 70
575.	Apr. 23.	Russell Bros., sta.....	do.....	5 25
576.	Apr. 23.	Russell Creamery Co., misc.....	Superior	15 88
577.	Apr. 23.	Rufus Scoon, misc.....	do.....	9 20
578.	Apr. 23.	Sedlachek & Anderson, bldg.....	do.....	5,338 00
579.	Apr. 23.	Superior Towel Exchange, misc.....	do.....	2 95
580.	Apr. 23.	Van Ryn & DeGelleke, bldg.....	do.....	300 00
581.	Apr. 23.	W. L. & P. Co., fuel.....	do.....	69 61
582.	Apr. 23.	Pay roll, sals.....	Whitewater	\$3,280 00
583.	Apr. 23.	L. C. Baker, misc.....	do.....	59 28
584.	Apr. 23.	Otto Brummund, sal.....	do.....	10 00
585.	Apr. 23.	Garden City Educational Co., misc.....	do.....	6 05
586.	Apr. 23.	Hall & Wheeler, misc.....	do.....	4 70
587.	Apr. 23.	Thos. E. Hoye Heating Co., rep.....	do.....	9 80
588.	Apr. 23.	Library Bureau, sta.....	do.....	3 85
589.	Apr. 23.	Longmans, Green & Co., t. b.....	do.....	18 50
590.	Apr. 23.	R. O'Connor & Son, r. b.....	do.....	71 84
591.	Apr. 23.	R. O'Connor & Son, misc.....	do.....	3 95
592.	Apr. 23.	James O'Neill, misc.....	do.....	6 25
593.	Apr. 23.	Albert Phillips, misc.....	do.....	5 00
594.	Apr. 23.	Rand, McNally & Co., t. b.....	do.....	14 40
595.	Apr. 23.	Albert Salisbury, r. b.....	do.....	11 15
596.	Apr. 23.	Whitewater Elec. Ltg. Co., ltg.....	do.....	27 45
597.	Apr. 23.	The Whitewater Register, misc.....	do.....	3 00
598.	Apr. 23.	Wisconsin Telephone Co., misc.....	do.....	3 00
599.	Apr. 23.	W. H. Cheever, sal. & exps.....	Institute	\$25 14
600.	Apr. 23.	S. Y. Gillan, sal. & exps.....	do.....	28 09
601.	Apr. 23.	L. D. Harvey, sal. & exps.....	do.....	43 84
602.	Apr. 23.	Phil. H. Hembdt, sal. & exps.....	do.....	23 02
603.	Apr. 23.	M. H. Jackson, sal.....	do.....	20 00
604.	Apr. 23.	F. M. Jack, sal. & exps.....	do.....	31 89
605.	Apr. 23.	M. H. Jackson, sal. & exps.....	do.....	25 02
606.	Apr. 23.	O. J. Schuster, sal. & exps.....	do.....	21 88
607.	Apr. 23.	Asa M. Royce, sal. & exps.....	do.....	27 92

List of Vouchers Paid, 1907-1908.

609.	Apr. 23.	Am. Contractor Pub. Co., gen. exps.....	Board..	\$35 00
610.	Apr. 23.	Vivien Baker, gen. exps.....	do.....	60 00
611.	Apr. 23.	V. E. McCaskill, gen. exps.....	do.....	35 15
612.	Apr. 23.	Milwaukee Free Press Co., gen. exps.....	do.....	16 80
613.	Apr. 23.	William Kittle, sec'y's services.....	do.....	166 66
614.	Apr. 23.	William Kittle, gen. exps. trip to Normals.....	do.....	123 57
615.	Apr. 23.	William Kittle, office exps.....	do.....	27 52
616.	Apr. 23.	The Parker Educational Co., gen. exps.....	do.....	12 75
617.	Apr. 23.	John F. Sims, gen. exps.....	do.....	22 90
618.	Apr. 23.	Van Ryn & DeGelleke, bldg.....	do.....	5,000 00
Total audit April 23rd, 1908.....				\$46,539 11
619.	May 16.	Pay roll, sals.....	Milwaukee	\$4,595 00
620.	May 16.	American Book Co., t. b.....	do.....	4 03
621.	May 16.	American Sales Co., misc.....	do.....	3 50
622.	May 16.	Atkinson, Mentzer & Grover, a. & c.....	do.....	16 00
623.	May 16.	Charles R. Blumenfeld, misc.....	do.....	1 60
624.	May 16.	J. S. Bletcher & Co., ptg.....	do.....	35 00
625.	May 16.	H. C. Ganter, a. & c.....	do.....	20 00
626.	May 16.	S. Y. Gillan, sta.....	do.....	6 00
627.	May 16.	Grumiaux Newspaper Agency, r. b.....	do.....	46 85
628.	May 16.	Herman Hanschman, misc.....	do.....	10 00
629.	May 16.	Henry Holt & Co., t. b.....	do.....	34 50
630.	May 16.	T. H. McAllister Co., a. & c.....	do.....	20 00
631.	May 16.	A. C. McClurg & Co., r. b.....	do.....	167 53
632.	May 16.	Chas. McKenny, sta.....	do.....	21 31
633.	May 16.	Milwaukee Gas Light Co., ltg.....	do.....	24 12
634.	May 16.	John C. Pierson, a. & c.....	do.....	8 25
635.	May 16.	A. L. A. Publishing Co., r. b.....	do.....	3 66
636.	May 16.	Mrs. Phillip Rogers, misc.....	do.....	1 80
637.	May 16.	Records of the Past Explor. Soc., misc.....	do.....	12 60
638.	May 16.	Records of the Past Explor. Soc., misc.....	do.....	24 50
639.	May 16.	Nina C. Vandewalker, misc.....	do.....	2 46
640.	May 16.	Wadhams Oil Cl., misc.....	do.....	2 31
641.	May 16.	H. H. West Co., misc.....	do.....	8 95
642.	May 16.	Yahr & Lange Drug Co., misc.....	do.....	41 49
643.	May 16.	Pay roll, sals.....	Oshkosh	\$5,026 08
644.	May 16.	Am. Book Co., t. b.....	do.....	16 40
645.	May 16.	American Crayon Co., misc.....	do.....	7 30
646.	May 16.	Am. Express Co., t. b.....	do.....	3 40
647.	May 16.	Atkinson, Mentzer & Grover, t. b.....	do.....	12 00
648.	May 16.	C. W. Bardeen, sta.....	do.....	5 40
649.	May 16.	Ralph M. Burtis Co., misc.....	do.....	58 21
650.	May 16.	Campbell-Cameron Co., furn.....	do.....	6 13
651.	May 16.	Thomas Charles Co., misc.....	do.....	6 40
652.	May 16.	Cora I. Coxshall, sal.....	do.....	6 00
653.	May 16.	Dunham-Fulton Gun Co., misc.....	do.....	9 00
654.	May 16.	Alfred Field & Co., misc.....	do.....	4 01
655.	May 16.	Hay Hardware Co., misc.....	do.....	8 73
656.	May 16.	Hollister, Amos & Co., misc.....	do.....	5 00
657.	May 16.	John Humphreys, sal.....	do.....	35 00
658.	May 16.	Winifred Johnson, sal.....	do.....	4 00
659.	May 16.	Addie Libert, sal.....	do.....	10 50
660.	May 16.	A. C. McClurg & Co., r. b.....	do.....	52 83
661.	May 16.	A. C. McClurg & Co., r. b.....	do.....	19 65
662.	May 16.	Medberry-Findeisen Co., misc.....	do.....	39 00
663.	May 16.	Medberry-Findeisen Co., misc.....	do.....	5 38
664.	May 16.	R. M. Millen Co., misc.....	do.....	11 50
665.	May 16.	Jesse Moore, misc.....	do.....	3 75
666.	May 16.	Frieda Mueller, sal.....	do.....	20 00
667.	May 16.	Oshkosh Gas Ltg. Co., ltg.....	do.....	33 09
668.	May 16.	Oshkosh Gas Ltg. Co., ltg.....	do.....	10 51
669.	May 16.	Paine Lumber Co., misc.....	do.....	19 60
670.	May 16.	Ira Parker & Sons Co., misc.....	do.....	13 92
671.	May 16.	W. N. Parker, misc.....	do.....	3 19
672.	May 16.	A. L. A. Publishing Board, sta.....	do.....	1 08
673.	May 16.	Sci. Am. Compiling Dept., r. b.....	do.....	112 00
674.	May 16.	Stroud & Co., misc.....	do.....	13 48
675.	May 16.	Stroud & Co., rep.....	do.....	9 35
676.	May 16.	Albert Trojahn, misc.....	do.....	6 25
677.	May 16.	U. S. Express Co., t. b.....	do.....	2 75

List of Vouchers Paid, 1907-1908.

678.	May 16.	Pay roll, sals.....	Platteville	\$3,330 00
679.	May 16.	Edward Agan, rep.....	do.....	40 00
680.	May 16.	Mrs. H. F. Austin, sal.....	do.....	18 75
681.	May 16.	E. G. Arzberger, a. & c.....	do.....	3 30
682.	May 16.	Robert I. Dugdale, misc.....	do.....	29 95
683.	May 16.	Eberbach & Sons Co., furn.....	do.....	16 90
684.	May 16.	Wm. Gaertner & Co., furn.....	do.....	20 50
685.	May 16.	Ginn & Co., t. b.....	do.....	7 20
686.	May 16.	Ginn & Co., t. b.....	do.....	7 27
687.	May 16.	J. J. Gray, fuel.....	do.....	308 72
688.	May 16.	C. H. Gribble, misc.....	do.....	18 80
689.	May 16.	E. N. Hawley, furn.....	do.....	37 65
690.	May 16.	Lusky, White & Coolidge, a. & c.....	do.....	2 58
691.	May 16.	Macmillan Co., t. b.....	do.....	34 80
692.	May 16.	Hugh May, furn.....	do.....	8 50
693.	May 16.	A. C. McClurg & Co., t. b.....	do.....	40 96
694.	May 16.	Geo. V. Merrifield, misc.....	do.....	12 00
695.	May 16.	A. H. Nehls & Co., misc.....	do.....	7 34
696.	May 16.	B. B. Newell, misc.....	do.....	5 00
697.	May 16.	Northern Paper Mills, misc.....	do.....	11 76
698.	May 16.	Platteville Light & Power Co., Itg.....	do.....	15 40
699.	May 16.	Platteville, Rewey & Ell Tel. Co., misc.....	do.....	5 00
700.	May 16.	Frank Russell, rep.....	do.....	12 00
701.	May 16.	Charles A. Stephens, rep.....	do.....	5 00
702.	May 16.	Taylor Feed Co., misc.....	do.....	12 33
703.	May 16.	Pay roll, sals.....	River Falls	\$2,982 50
704.	May 15.	American Book Co., t. b.....	do.....	3 40
705.	May 16.	Atkinson, Mentzer & Grover, a. & c.....	do.....	15 00
706.	May 16.	F. L. Baker, misc.....	do.....	11 81
707.	May 16.	W. J. Brier, misc.....	do.....	9 06
708.	May 16.	Central Scientific Co., a. & c.....	do.....	12 76
709.	May 16.	City of River Falls, Itg.....	do.....	124 42
710.	May 16.	Democrat Ptg. Co., sta.....	do.....	4 43
711.	May 16.	De Coster & Clark Co., furn.....	do.....	5 00
712.	May 16.	A. B. Dick & Co., sta.....	do.....	12 43
713.	May 16.	M. A. Donahue & Co., sta.....	do.....	4 52
714.	May 16.	Hattie L. Flint, sal.....	do.....	25 00
715.	May 16.	Garden City Edu. Co., misc.....	do.....	8 01
716.	May 16.	C. C. Glass, sta.....	do.....	23 72
717.	May 16.	John Leslie Paper Co., sta.....	do.....	27 22
718.	May 16.	A. V. Lovely, fuel.....	do.....	59 35
719.	May 16.	Lyon & Healy, sta.....	do.....	1 07
720.	May 16.	McClain & Gray Co., furn.....	do.....	4 50
721.	May 16.	Mil. Sch'l Sup. Co., furn.....	do.....	6 00
722.	May 16.	Normal Badger, misc.....	do.....	5 00
723.	May 16.	Helen D. Pratt, sal.....	do.....	30 00
724.	May 16.	Pierce Co. Telephone Co., misc.....	do.....	7 50
725.	May 16.	Edw. P. Sanderson, misc.....	do.....	1 00
726.	May 15.	Ezra Smith, rep.....	do.....	7 00
727.	May 25.	St. Paul Book & Sta. Co., sta.....	do.....	3 00
728.	May 16.	Bertram Symes, rep.....	do.....	60 20
729.	May 16.	W. S. Welles, misc.....	do.....	27 35
730.	May 16.	S. E. Wilde, r. b.....	do.....	2 00
731.	May 16.	Pay roll, sals.....	Stevens Point	\$3,347 50
732.	May 16.	Am. Book Co., t. b.....	do.....	8 40
733.	May 15.	E. A. Arenberg, rep.....	do.....	2 00
734.	May 16.	Nina Chenevert, sal.....	do.....	4 37
735.	May 16.	Mrs. J. W. Dake, misc.....	do.....	2 13
736.	May 16.	Blanche Dafoe, sal.....	do.....	2 50
737.	May 16.	Gross & Jacobs, misc.....	do.....	14 29
738.	May 16.	Fred E. Gustin, sal.....	do.....	3 15
739.	May 16.	Rosetta M. Johnson, sal.....	do.....	11 25
740.	May 16.	Langenberg Brick Mfg. Co., rep.....	do.....	2 11
741.	May 16.	Edward Mach, sal.....	do.....	9 76
742.	May 16.	Peter Majerus, sal.....	do.....	11 85
743.	May 16.	B. V. Martin, furn.....	do.....	44 63
744.	May 16.	A. C. McClurg, misc.....	do.....	34 92
745.	May 16.	H. D. McCulloch Co., misc.....	do.....	8 34
746.	May 16.	F. H. Murray, misc.....	do.....	6 97
747.	May 16.	Chas. Scribner's Sons, t. b.....	do.....	9 76

List of Vouchers Paid, 1907-1908.

748.	May 16.	John F. Sims, misc.....	Stevens Point	26	29
749.	May 16.	Florence Steiler, sal.....	do.....	3	13
750.	May 16.	F. A. Sustins, a. & c.....	do.....	10	65
751.	May 16.	The Stevens Point Journal, misc.....	do.....	5	00
752.	May 16.	A. S. Wells, sal.....	do.....	22	50
753.	May 16.	Wis. Telephone Co., misc.....	do.....	4	20
671.	May 16.	W. N. Parker, misc.....	do.....	3	19
754.	May 16.	Pay roll, sals.....	Superior..	\$3,110	00
755.	May 16.	Bausch & Lomb Opt. Co., a. & c.....	do.....	2	49
756.	May 16.	H. A. Biefeldt, misc.....	do.....	8	00
757.	May 16.	Thos. Charles Co., misc.....	do.....	21	38
758.	May 16.	Finch Fuel Co., fuel.....	do.....	70	31
759.	May 16.	A., M. & Grover, a. & c.....	do.....	29	50
750.	May 16.	Gunda Gunderson, sal.....	do.....	7	50
761.	May 16.	Iowa School Pub. Co., t. b.....	do.....	3	36
762.	May 16.	Library Bureau, r. b.....	do.....	5	25
763.	May 16.	F. R. Mann, rep.....	do.....	4	00
764.	May 16.	V. E. McCaskill, sta.....	do.....	18	44
765.	May 16.	V. E. McCaskill, misc.....	do.....	46	03
766.	May 16.	V. E. McCaskill, misc.....	do.....	10	94
767.	May 16.	A. C. McClurg & Co., r. b.....	do.....	32	04
768.	May 16.	Loren McQueen, rep.....	do.....	2	50
769.	May 16.	Wm. O'Connor, misc.....	do.....	6	10
770.	May 16.	Albert Rodin, rep.....	do.....	2	46
771.	May 16.	Thos. Roen, sta.....	do.....	4	00
772.	May 16.	The J. L. Ross Co., rep.....	do.....	2	25
773.	May 16.	Russell Creamery Co., misc.....	do.....	6	74
774.	May 16.	Rufus Seoon, misc.....	do.....	5	30
775.	May 16.	Paul A. Schmitt, t. b.....	do.....	3	25
776.	May 16.	The Scientific American, r. b.....	do.....	100	80
777.	May 16.	Superior Hdw. Co., rep.....	do.....	33	63
778.	May 16.	Clayton F. Summy Co., t. b.....	do.....	6	91
779.	May 16.	Clayton F. Summy Co., t. b.....	do.....	7	93
780.	May 16.	Superior Towel Exchange, misc.....	do.....	1	89
781.	May 16.	Sup. W. L. & P. Co., ltg.....	do.....	65	60
671.	May 16.	W. N. Parker, misc.....	do.....	3	19
782.	May 16.	Pay roll, sals.....	Whitewater	\$3,279	00
783.	May 16.	American Gymnasia Co., t. b.....	do.....	2	00
784.	May 16.	C. M. Barnes-Wilcox Co., t. b.....	do.....	41	25
785.	May 16.	B. D. Berry & Co., t. b.....	do.....	1	92
786.	May 16.	Otto Brummund, misc.....	do.....	10	00
787.	May 16.	F. L. Burdick, misc.....	do.....	20	00
788.	May 16.	Thos. Charles Co., misc.....	do.....	3	83
789.	May 16.	Edward B. Eaton, r. b.....	do.....	3	00
790.	May 16.	Garden City Ed. Co., misc.....	do.....	16	09
791.	May 16.	Ginn & Co., t. b.....	do.....	5	76
792.	May 16.	Matt Hickey, misc.....	do.....	3	00
793.	May 16.	W. D. Hoard Co., a. & c.....	do.....	15	00
794.	May 16.	The Macmillan Co., t. b.....	do.....	23	15
795.	May 16.	A. N. Marquis & Co., r. b.....	do.....	4	00
796.	May 16.	McKinley Pub. Co., t. b.....	do.....	6	26
797.	May 16.	Fred Medart, furn.....	do.....	10	20
798.	May 16.	Mil. Consolidated Music Co., t. b.....	do.....	2	45
799.	May 16.	R. O'Connor & Son, sta.....	do.....	11	12
800.	May 16.	Row, Peterson & Co., t. b.....	do.....	32	24
801.	May 16.	Albert Salisbury, misc.....	do.....	17	54
802.	May 16.	Scientific American, r. b.....	do.....	107	00
803.	May 16.	The Whitewater Register, sta.....	do.....	11	55
804.	May 16.	Wis. Dairy Sup. Co., rep.....	do.....	5	48
805.	May 16.	Whitewater Electric Ltg. Co., ltg.....	do.....	12	30
806.	May 16.	Whitewater Machine Co., misc.....	do.....	14	75
671.	May 16.	W. N. Parker, misc.....	do.....	3	18
807.	May 16.	W. H. Cheever, sal. & exp.....	Institute	\$72	27
808.	May 16.	Geo. Shutts, sal. & exp.....	do.....	20	06
809.	May 16.	Vivien S. Baker, gen. exp.....	Board..	\$60	00
810.	May 16.	Dane Co. Telephone Co., gen. exp.....	do.....	6	00
811.	May 16.	William Darling, gen. exp.....	do.....	27	38
812.	May 16.	Hartford Steam Boiler Co., gen. exp.....	do.....	133	34

List of Vouchers Paid, 1907-1908.

813.	May 16.	William Kittle, secretary's services.....	Board	166 66
814.	May 16.	G. H. Landgraf, misc.....	do.....	17 68
815.	May 16.	N. W. Lithographing Co., gen. exp.....	do.....	52 85
816.	May 16.	Northwestern Ry. Co., gen. exp.....	do.....	40 00
817.	May 16.	Sterling Eng. & Const. Co. bldg.....	do.....	11,050 00
Total audit May 16, 1908.....				\$40,730 83
818.	June 24.	Pay roll, sals.....	Milwaukee	\$4,553 00
819.	June 24.	Mrs. F. W. Bateson, misc.....	do.....	1 40
820.	June 24.	Bausch & Lomb Optical Co., a. & c.....	do.....	18 39
821.	June 24.	J. S. Bletcher & Co., rep.....	do.....	13 00
822.	June 24.	Boos & Mauer, misc.....	do.....	11 35
823.	June 24.	Bunde & Upmeyer, a. & c.....	do.....	36 00
824.	June 24.	Maud Burdick, misc.....	do.....	2 88
825.	June 24.	M. A. Bussewitz, misc.....	do.....	1 90
826.	June 24.	Central Scientific Co., a. & c.....	do.....	13 94
827.	June 24.	Chicago News Co., misc.....	do.....	8 00
828.	June 24.	Drake Bros. a. & c.....	do.....	11 99
829.	June 24.	Louis J. Eschweller, misc.....	do.....	5 10
830.	June 24.	Espenhain Dry Goods Co., misc.....	do.....	3 27
831.	June 16.	Gas Consumers Assoc., Itg.....	do.....	2 00
832.	June 24.	Gimbel Bros., misc.....	do.....	9 01
833.	June 24.	Ginn & Company, t. b.....	do.....	23 04
834.	June 24.	Frank A. Goll, misc.....	do.....	36 50
835.	June 24.	Philip Gross Hardware Co., misc.....	do.....	15 32
836.	June 24.	Philip Gross Hardware Co., misc.....	do.....	7 93
837.	June 24.	Philip Gross Hardware Co., a. & c.....	do.....	3 00
838.	June 24.	R. B. Hartman, bldg.....	do.....	19,550 00
839.	June 24.	Hankohl & Schatz, misc.....	do.....	1 05
840.	June 24.	Hendee-Bamford-Crandall Co., ptg.....	do.....	17 50
841.	June 24.	H. Hauschman, misc.....	do.....	10 00
842.	June 24.	The Journal Co., misc.....	do.....	7 75
843.	June 24.	Kanawha Fuel Co., fuel.....	do.....	29 67
844.	June 24.	Kanawha Fuel Co., fuel.....	do.....	129 29
845.	June 24.	F. Knorr, misc.....	do.....	15 00
846.	June 24.	Library Bureau, r. b.....	do.....	3 15
847.	June 24.	The Macmillan Co., r. b.....	do.....	5 00
848.	June 24.	A. C. McClurg Co., r. b.....	do.....	125 19
849.	June 24.	Charles McKenny, sta.....	do.....	47 95
850.	June 24.	The Meites-Miller Co., rep.....	do.....	10 26
851.	June 24.	J. C. Menz, rep.....	do.....	9 57
852.	June 24.	Irving E. Miller, misc.....	do.....	6 56
853.	June 24.	I. N. Mitchell, misc.....	do.....	7 14
854.	June 24.	Milwaukee Gas Co., Itg.....	do.....	26 88
855.	June 24.	C. E. Patzer, misc.....	do.....	11 26
856.	June 24.	Quinn Sporting Goods Co., misc.....	do.....	1 25
857.	June 24.	Remington Typewriter Co., misc.....	do.....	6 40
858.	June 24.	Burt A. Rice, misc.....	do.....	8 75
859.	June 24.	C. H. Sears, misc.....	do.....	96
860.	June 24.	Walter Schatz, misc.....	do.....	24 99
861.	June 24.	The Sentinel Co., misc.....	do.....	13 16
862.	June 24.	G. Schirmer, r. b.....	do.....	15 90
863.	June 23.	Second Congregational Society, misc.....	do.....	20 00
864.	June 24.	Siekert & Baum Stationery Co., misc.....	do.....	11 05
865.	June 24.	Geo. Shrosbee, a. & c.....	do.....	11 00
866.	June 24.	Truax, Green & Co., a. & c.....	do.....	31 00
867.	June 24.	Nina C. Vandewalker, misc.....	Milwaukee	2 25
868.	June 24.	Herman Voss Co., r. b.....	do.....	45 35
869.	June 24.	Wisconsin Telephone Co., misc.....	do.....	54 00
870.	June 24.	Yahr & Lange Drug Co., misc.....	do.....	7 19
871.	June 24.	Pay roll, sals.....	Oshkosh..	\$5,062 00
872.	June 24.	A. L. A Publishing Board, r. b.....	do.....	78
873.	June 24.	Am. Book Co., t. b.....	do.....	11 28
874.	June 24.	Baker Paper Co., sta.....	do.....	2 80
875.	June 24.	Don P. Birdsall, sal.....	do.....	13 00
876.	June 24.	E. B. Bryan, misc.....	do.....	50 00
877.	June 24.	Boss & Weissmiller, misc.....	do.....	1 20
878.	June 24.	John V. Bunn, r. b.....	do.....	5 00
879.	June 24.	Ralph M. Burtis Co., rep.....	do.....	19 50

List of Vouchers Paid, 1907-1908.

830.	June 24.	Ralph M. Burtis Co., misc.....	Oshkosh	8 67
831.	June 24.	C. P. Cary, r. b.....	do.....	22 50
832.	June 24.	Castle-Pierce Ptg. Co., ptg.....	do.....	35 09
833.	June 24.	Castle-Pierce Ptg. Co., sta.....	do.....	34 10
834.	June 24.	Central Construction Co., misc.....	do.....	1 23
835.	June 24.	Central Construction Co., misc.....	do.....	60
833.	June 24.	L. O. Chase, misc.....	do.....	9 03
838.	June 24.	L. O. Chase, misc.....	do.....	7 64
839.	June 24.	L. O. Chase, misc.....	do.....	11 60
839.	June 24.	E. A. Clemens, misc.....	do.....	13 23
830.	June 24.	Clough & Co., rep.....	do.....	6 27
831.	June 24.	Sherwin Cody, r. b.....	do.....	1 03
832.	June 24.	Cook & Brown Lime Co., misc.....	do.....	4 37
833.	June 24.	Cook & Brown Lime Co., fuel.....	do.....	318 08
894.	June 24.	Cora I. Coxshall, sal.....	do.....	10 00
875.	June 24.	E. M. Crane, sta.....	do.....	63 72
836.	June 24.	Duggan Printing Co., sta.....	do.....	22 70
837.	June 24.	Duggan Printing Co., ptg.....	do.....	47 09
838.	June 24.	Eimer & Amend, a. & c.....	do.....	47 03
839.	June 24.	A. Flanagan Co., t. b.....	do.....	2 03
930.	June 24.	S. Y. Gillan & Co., sta.....	do.....	7 20
901.	June 24.	Ginn & Co., t. b.....	do.....	6 48
902.	June 24.	Ginn & Co., t. b.....	do.....	13 03
903.	June 24.	Ginn & Co., t. b.....	do.....	20 60
904.	June 24.	Ginn & Co., t. b.....	do.....	12 43
905.	June 24.	Grumiaux News Co., misc.....	do.....	15 15
903.	June 24.	Hay Hardware Co., misc.....	do.....	18 83
907.	June 24.	D. C. Heath & Co., t. b.....	do.....	2 47
908.	June 24.	S. Heymann Co., misc.....	do.....	2 30
909.	June 24.	Hicks Printing Co., bldg.....	do.....	12 09
910.	June 24.	J. A. Hinman Tel. & Elec. Co.....	do.....	29 20
911.	June 24.	J. A. Hinman Tel. & Elec. Co., rep.....	do.....	25 00
912.	June 24.	Holden Patent Book Cover Co., t. b.....	do.....	6 30
913.	June 24.	Houghton, Mifflin Co., t. b.....	do.....	13 30
914.	June 24.	Houghton, Mifflin Co., t. b.....	do.....	11 40
915.	June 24.	John Humphreys, sal.....	do.....	35 00
913.	June 24.	John M. Hurn, sta.....	do.....	17 50
917.	June 24.	Imperial Brush Co., misc.....	do.....	6 70
918.	June 24.	John A. H. Keith, misc.....	do.....	15 23
919.	June 24.	A. Kellett, misc.....	do.....	13 61
920.	June 24.	Addie Libert, sal.....	do.....	22 03
921.	June 24.	The Macmillan Co., t. b.....	do.....	9 45
922.	June 24.	A. C. McClurg & Co., t. b.....	do.....	8 75
923.	June 24.	O. McCorison, rep.....	do.....	3 03
924.	June 24.	A. C. McClurg & Co., r. b.....	do.....	54 73
925.	June 25.	Medberry-Findeisen Co., misc.....	do.....	7 25
925.	June 24.	Medberry-Findeisen Co., misc.....	do.....	10 13
927.	June 24.	D. Whitney Middlecamp, misc.....	do.....	1 59
928.	June 24.	Miller Lock Co., rep.....	do.....	9 90
929.	June 24.	Jesse E. Moore, misc.....	do.....	6 25
930.	June 24.	Frieda Mueller, sal.....	do.....	32 59
931.	June 24.	National Express Co., misc.....	do.....	8 15
932.	June 24.	John Nelson Co., misc.....	do.....	62 13
933.	June 24.	The Normal Advance, misc.....	do.....	25 00
934.	June 24.	Oshkosh Gas Lt. Co., ltg.....	do.....	37 40
935.	June 24.	Oshkosh Gas Lt. Co., ltg.....	do.....	11 81
936.	June 24.	Oshkosh Office Supply Co., sta.....	do.....	3 53
937.	June 24.	Ira Parker & Sons Co., misc.....	do.....	1 20
938.	June 24.	Parker Educational Co., misc.....	do.....	3 19
939.	June 24.	F. A. Plummer Co., misc.....	do.....	7 03
940.	June 24.	Potter's Kiln & Tool Works, misc.....	do.....	7 40
941.	June 24.	Rand, McNally & Co., t. b.....	do.....	10 43
942.	June 24.	Rand, McNally & Co., t. b.....	do.....	5 95
943.	June 24.	Reginald Sanders, sal.....	do.....	18 00
944.	June 24.	E. L. Schroeder, sal.....	do.....	13 50
945.	June 24.	Marie Sherburne, sta.....	do.....	30 35
946.	June 24.	Stroud & Co., rep.....	do.....	8 80
947.	June 24.	Stroud & Co., misc.....	do.....	31 80
948.	June 24.	Stroud & Co., ltg.....	do.....	5 59
949.	June 24.	L. L. Summers, misc.....	do.....	11 50
950.	June 24.	Toner Plumbing & Heating Co.,	do.....	6 20
951.	June 24.	Union Stoneware Co., misc.....	do.....	5 00

List of Vouchers Paid, 1907-1908.

952.	June 24.	U. S. Express Co., misc.....	Oshkosh	3 18
953.	June 24.	Western Builder. bld.....	do.....	4 70
954.	June 24.	W. M. Welch Co., sta.....	do.....	7 00
955.	June 24.	Wis. Telephone Co., misc.....	do.....	55
953.	June 24.	Harrison Wood, sal.....	do.....	10 20
957.	June 24.	S. Y. Gillan, misc.....	do.....	9 00
958.	June 24.	Pay roll, sals.....	Platteville	\$3,223 50
959.	June 24.	Edward Agan, rep.....	do.....	39 00
960.	June 24.	E. O. Anderson, a. & c.....	do.....	2 50
961.	June 24.	E. O. Anderson, a. & c.....	do.....	2 25
962.	June 24.	Mrs. H. F. Austin, sal.....	do.....	29 35
963.	June 24.	Automatic File & Index Co., a. & c.....	do.....	10 63
964.	June 24.	Bausch & Lomb Co., furn.....	do.....	10 89
965.	June 24.	Bausch & Lomb Co., furn.....	do.....	2 48
963.	June 24.	Big Badger Fair Assoc., misc.....	do.....	60 00
937.	June 24.	Bureau of University Travel, a. & c.....	do.....	9 93
968.	June 24.	W. H. Beebe, misc.....	do.....	9 03
939.	June 24.	Belle Burke, misc.....	do.....	13 25
970.	June 24.	Belle Burke, a. c.....	do.....	2 90
971.	June 24.	Belle Burke, misc.....	do.....	15 67
972.	June 24.	H. G. Chase, misc.....	do.....	14 85
973.	June 24.	Chicago Art Education Co., a. c.....	do.....	4 20
974.	June 24.	Clark Engraving Co., ptg.....	do.....	35 50
975.	June 24.	Coe, Converse & Edwards Co., a. c.....	do.....	80 52
976.	June 24.	Cosmos Picture Co., a. c.do.....	do.....	1 55
977.	June 24.	Currie Bros., misc.....	do.....	6 90
978.	June 24.	Dayton Dry Goods Co., misc.....	do.....	13 51
979.	June 24.	John Dennis, misc.....	do.....	13 25
980.	June 24.	A. B. Dick Co., misc.....	do.....	1 97
981.	June 24.	James Dolan, misc.....	do.....	20 00
982.	June 24.	W. H. Dudley, furn.....	do.....	9 24
983.	June 24.	E. W. Elson & Co., a. & c.....	do.....	8 78
984.	June 24.	Exponent Board, ptg.....	do.....	35 50
985.	June 24.	J. C. Fawcett, misc.....	do.....	40 85
983.	June 24.	B. A. Garden, misc.....	do.....	7 23
987.	June 24.	S. Y. Gillan, t. b.....	do.....	30
988.	June 24.	C. E. Gilmore, misc.....	do.....	0 05
987.	June 24.	C. H. Gribble, misc.....	do.....	33 25
970.	June 24.	Hammersmith Eng. Co., ptg.....	do.....	7 02
991.	June 24.	E. N. Hawley, furn.....	do.....	19 18
992.	June 24.	J. A. Henry, furn.....	do.....	13 60
993.	June 24.	Mrs. Lena Henry, sal.....	do.....	38 53
994.	June 24.	Phil D. Hembdt, w. r.....	do.....	141 53
975.	June 24.	John Heidinger, a. c.....	do.....	4 85
996.	June 24.	John Heidinger, a. c.....	do.....	3 75
977.	June 24.	C. Horstman, misc.....	do.....	2 55
978.	June 24.	Butler Hoosier, furn.....	do.....	5 00
979.	June 24.	Charles Howard, misc.....	do.....	1 92
1000.	June 24.	Charles Howard, misc.....	do.....	9 84
1001.	June 24.	Thos. Jones, a. c.....	do.....	3 00
1002.	June 24.	Thos. Jones, misc.....	do.....	3 50
1033.	June 24.	Edward Keogh Press.....	do.....	160 30
1004.	June 24.	A. W. Kemler, misc.....	do.....	2 75
1005.	June 24.	Florence Kinsman, sal.....	do.....	35 00
1003.	June 24.	Library Bureau, a. c.....	do.....	1 25
1007.	June 24.	Lambert Groenier, a. c.....	do.....	200 00
1008.	June 24.	A. C. McClurg & Co., r. b.....	do.....	20 44
1007.	June 24.	A. H. Nehls & Co., a. c.....	do.....	1 20
1010.	June 24.	A. H. Nehls & Co., a. c.....	do.....	25 55
1011.	June 24.	A. H. Nehls & Co., furn.....	do.....	28 25
1012.	June 24.	A. H. Nehls & Co., misc.....	do.....	6 07
1013.	June 24.	Orr & Lockett, a. c.....	do.....	33 00
1014.	June 24.	Platteville Elec. Light Co., ltr.....	do.....	31 45
1015.	June 24.	Quinn Sporting Goods Co., misc.....	do.....	4 50
1016.	June 24.	John Reed, misc.....	do.....	19 23
1017.	June 24.	John Reed, misc.....	do.....	6 75
1018.	June 24.	Theo. Robertson Soap Co., misc.....	do.....	13 18
1019.	June 24.	H. A. Robinson, a. c.....	do.....	1 30
1020.	June 24.	Will M. Rindlaub, misc.....	do.....	90 20
1021.	June 24.	C. C. Sampson, furn.....	do.....	2 50
1022.	June 24.	Sanitary Brush Co.,	do.....	22 00

List of Vouchers Paid, 1907-1908.

1023.	June 24.	Henry Schambow, misc.....	16 25
1024.	June 24.	O. J. Schuster, misc.....do.....	5 50
1025.	June 24.	Hazel Spencer, sal.....do.....	22 50
1026.	June 24.	Will Smith, a. c.....do.....	7 75
1027.	June 24.	H. J. Smiley, furn.....do.....	3 40
1028.	June 24.	John Stark, misc.....do.....	5 07
1029.	June 24.	Clayton F. Summy, misc.....do.....	6 48
1030.	June 24.	Thompson Pub. Co., a. c.....do.....	1 55
1031.	June 24.	Underwood & Underwood, a. c.....do.....	9 52
1032.	June 24.	Benjamin Webster, sta.....do.....	57 53
1033.	June 24.	Florence Wickersham, a. c.....do.....	9 00
1034.	June 24.	Lillen A. Wills, furn.....do.....	4 80
1035.	June 24.	Carrie Wunn, sal.....do.....	22 50
1036.	June 24.	H. J. Youmans, a. c.....do.....	3 27
1037.	June 24.	Pay roll, sals.....River Falls	\$2,976 50
1038.	June 24.	American Library Ass'n, r. b.....do.....	2 95
1039.	June 24.	P. Ap Roberts, sta.....do.....	6 25
1040.	June 24.	F. L. Baker, misc.....do.....	7 03
1041.	June 24.	F. L. Baker, misc.....do.....	6 80
1042.	June 24.	August Beorn, rep.....do.....	7 10
1043.	June 24.	A. G. Boles, misc.....do.....	1 90
1044.	June 24.	P. P. Caproni & Bro., furn.....do.....	21 25
1045.	June 24.	Central Scientific Co., a. c.....do.....	23 35
1046.	June 24.	A. E. Chapman, rep.....do.....	1 95
1047.	June 24.	The John Church Co., t. b.....do.....	1 34
1048.	June 24.	City of River Falls, ltg.....do.....	25 9*
1049.	June 24.	Clark Eng. & Ptg. Co., ptg.....do.....	276 28
1050.	June 24.	A. B. Dick & Co., misc.....do.....	9 45
1051.	June 24.	Geo. J. Dodge & Son, misc.....do.....	5 05
1052.	June 24.	Dodd, Mead & Co., r. b.....do.....	4 80
1053.	June 24.	Dunn Bros., misc.....do.....	1 25
1054.	June 24.	Eau Claire Book & Sta. Co., t. b.....do.....	51 79
1055.	June 24.	Eau Claire Book & Sta. Co., r. b.....do.....	16 35
1056.	June 24.	R. S. Freeman & Son, misc.....do.....	13 70
1057.	June 24.	Hattie L. Flint, sal.....do.....	25 00
1058.	June 24.	C. C. Glass, sta.....do.....	31 62
1059.	June 24.	C. C. Glass, sta.....do.....	53 72
1060.	June 24.	Ginn & Co., t. b.....do.....	2 93
1061.	June 24.	Hamilton & Son, misc.....do.....	6 83
1062.	June 24.	D. C. Heath & Co., t. b.....do.....	7 59
1063.	June 24.	Caroline E. Henderson, misc.....do.....	3 34
1064.	June 24.	C. F. Heinrich, misc.....do.....	1 40
1065.	June 24.	Mrs. Wm. Hodge, misc.....do.....	21 19
1066.	June 24.	Hoyt Plant & Seed Co., misc.....do.....	14 00
1067.	June 24.	R. N. Jensen, misc.....do.....	14 15
1068.	June 24.	R. N. Jensen, misc.....do.....	10 50
1039.	June 24.	The John Leslie Paper Co. misc.....do.....	12 75
1070.	June 24.	E. E. & H. L. Levings, misc.....do.....	1 60
1071.	June 24.	E. E. & H. L. Levings, sta.....do.....	3 35
1072.	June 24.	A. H. Lord, misc.....do.....	1 50
1073.	June 24.	A. V. Lovely, misc.....do.....	1 20
1074.	June 24.	A. V. Lovely, fuel.....do.....	38 42
1075.	June 24.	Lyon & Healy, t. b.....do.....	3 01
1076.	June 24.	A. W. Lund, rep.....do.....	16 70
1077.	June 24.	A. W. Lund, furn.....do.....	38 25
1078.	June 24.	I. I. Lusk, furn.....do.....	20 00
1079.	June 24.	A. C. McClurg & Co., r. b.....do.....	20 62
1080.	June 24.	A. C. McClurg & Co., t. b.....do.....	87 63
1081.	June 24.	A. C. McClurg & Co., r. b.....do.....	12 55
1082.	June 24.	C. R. Morse, ptg.....do.....	6 60
1083.	June 24.	O. W. Newcomb, furn.....do.....	8 47
1084.	June 24.	Norseng Bros., misc.....do.....	47 80
1085.	June 24.	Geo. A. Ogle & Co., r. b.....do.....	15 00
1083.	June 24.	P. Pederson, misc.....do.....	1 57
1087.	June 24.	Perry Pictures Co., r. b.....do.....	2 65
1088.	June 24.	Helen D. Pratt, sal.....do.....	7 50
1087.	June 24.	Rand, McNally Co., a. c.....do.....	5 75
1090.	June 24.	Randall, G. W., r. b.....do.....	5 00
1091.	June 24.	C. T. Ritchey, misc.....do.....	1 75
1092.	June 24.	River Falls Journal, sta.....do.....	28 50
1093.	June 24.	H. Schultz & Co., r. b.....do.....	6 00
1094.	June 24.	D. B. Spencer, misc.....do.....	5 00
1095.	June 24.	Stewart & Grimm, misc.....do.....	1 33
1096.	June 24.	Stewart Mercantile Co., misc.....do.....	11 25

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1007.	June 24.	Stewart Mercantile Co., misc.....	River Falls	6 33
1008.	June 24.	Stewart Mercantile Co., misc.....	do.....	3 77
1009.	June 24.	St. Paul Book & Sta. Co., ptg.....	do.....	14 85
1010.	June 24.	F. W. Sturdevant & Co., bldg.....	do.....	23 70
1101.	June 24.	Subscription News Co., r. b.....	do.....	74 10
1102.	June 24.	Waldorf Bindery Co., r. b.....	do.....	18 40
1103.	June 24.	C. F. Winter, misc.....	do.....	4 25
1104.	June 24.	Pay roll, sals.....	Stevens Point	\$3,347 50
1105.	June 24.	American Book Co., t. b.....	do.....	8 64
1103.	June 24.	Frances H. Baker, sal.....	do.....	15 00
1107.	June 24.	Bausch & Lomb Optical Co., a. c.....	do.....	9 16
1108.	June 24.	Bradner, Smith & Co., misc.....	do.....	9 00
1109.	June 24.	C. P. Cary, r. b.....	do.....	15 00
1110.	June 24.	Central Scientific Co., a. c.....	do.....	3 85
1111.	June 24.	Central Scientific Co., a. c.....	do.....	10 73
1112.	June 24.	Central Scientific Co., a. c.....	do.....	7 70
1113.	June 24.	T. A. Chapman Co., furn.....	do.....	33 00
1114.	June 24.	Thos. Charles Co., misc.....	do.....	4 75
1115.	June 24.	G. L. Culver, rep.....	do.....	7 50
1116.	June 24.	Mrs. J. Dake, misc.....	do.....	2 54
1117.	June 24.	Blanche Dafoe, sal.....	do.....	1 87
1118.	June 24.	Ginn & Co., t. b.....	do.....	27 71
1119.	June 24.	Gane Bros. Co., misc.....	do.....	1 20
1120.	June 24.	The Gazette, ptg.....	do.....	72 10
1121.	June 24.	J. C. Hell, rep.....	do.....	15 50
1122.	June 24.	Chas. Helen, misc.....	do.....	11 50
1123.	June 24.	Johnson Service Co., misc.....	do.....	4 57
1124.	June 24.	Keystone View Co., a. c.....	do.....	11 60
1125.	June 24.	C. Krembs & Bro., misc.....	do.....	12 00
1126.	June 24.	The Macmillan Co., r. b.....	do.....	1 25
1127.	June 24.	C. G. Macnish, misc.....	do.....	1 50
1128.	June 24.	Edward Mach, sal.....	do.....	12 76
1129.	June 24.	W. E. Macklin, misc.....	do.....	23 75
1130.	June 24.	Peter Majerus, sal.....	do.....	20 65
1131.	June 24.	B. V. Martin, misc.....	do.....	22 50
1132.	June 24.	L. L. May & Co., misc.....	do.....	3 75
1133.	June 24.	H. D. McCulloch Co., misc.....	do.....	28 76
1131.	June 24.	McIntosh Stereopticon, a. c.....	do.....	81 55
1135.	June 24.	E. McGlachline, ptg.....	do.....	12 60
1136.	June 24.	Fred Medart, furn.....	do.....	12 18
1137.	June 24.	Moll-Glennon Co., misc.....	do.....	1 03
1138.	June 24.	F. H. Murray, misc.....	do.....	12 01
1139.	June 24.	Nat. Express Co., misc.....	do.....	10 46
1140.	June 24.	Orr & Lockett Hdw. Co., misc.....	do.....	20 00
1141.	June 24.	Orr & Lockett Hdw. Co., misc.....	do.....	11 93
1142.	June 24.	Ervin A. Peart, misc.....	do.....	1 53
1143.	June 24.	Reading & Neumann, misc.....	do.....	20 55
1144.	June 24.	E. H. Sargent & Co., a. c.....	do.....	9 03
1145.	June 24.	John F. Sims, sta.....	do.....	31 87
1146.	June 24.	F. A. Sustins, rep.....	do.....	2 70
1147.	June 24.	J. B. Sullivan & Co., rep.....	do.....	32 63
1148.	June 24.	Stevens Point Lighting Co., lgt.....	do.....	74 65
1149.	June 24.	Stevens Point Water Co., w. r.....	do.....	103 00
1150.	June 24.	Taylor Bros., sta.....	do.....	1 50
1151.	June 24.	U. S. Express, misc.....	do.....	3 59
1152.	June 24.	Vetter Mfg. Co., misc.....	do.....	2 80
1153.	June 24.	B. L. Vaughn, misc.....	do.....	8 25
1154.	June 24.	Isla Warner, sal.....	do.....	8 25
1155.	June 24.	Judson T. Webb, misc.....	do.....	3 20
1156.	June 24.	John Week Lumber Co., misc.....	do.....	10 80
1157.	June 24.	A. S. Wells, sal.....	do.....	4 35
1158.	June 24.	A. S. Wells, misc.....	do.....	1 60
1159.	June 24.	Margaret Whitman, misc.....	do.....	1 40
1160.	June 24.	Wisconsin's Best Laundry Co., misc.....	do.....	11 74
1161.	June 24.	Wis. Tel. Co., misc.....	do.....	6 30
1162.	June 24.	Williams, Brown & Earle, a. c.....	do.....	10 60
1163.	June 24.	J. Worzalla's Sons, ptg.....	do.....	5 75
938.	June 24.	Parker Educational Co., misc.....	do.....	3 19
957.	June 24.	S. Y. Gillan, misc.....	do.....	9 09

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1164.	June 24.	Pay roll, sals.....	Superior	3,052 00
1165.	June 24.	Bemis Bag & Paper Co., sta.....	do.....	8 43
1166.	June 24.	Bemis Bag & Paper Co., sta.....	do.....	17 51
1167.	June 24.	Bemis Bag & Paper Co., sta.....	do.....	45
1168.	June 24.	Josephine Benson, misc.....	do.....	20 00
1169.	June 24.	Lillie Berg, sal.....	do.....	2 00
1170.	June 24.	H. A. Bielfeldt, misc.....	Superior	11 00
1171.	June 24.	H. J. Cameron, a. c.....	do.....	3 64
1172.	June 24.	J. F. Chamberlin & Co., sta.....	do.....	5 35
1173.	June 24.	Thos. Charles Co., misc.....	do.....	1 83
1174.	June 24.	Diffor & Riches, rep.....	do.....	65 00
1175.	June 24.	Evening Telegram Co., ptg.....	do.....	215 00
1176.	June 24.	S. Y. Gillan & Co., r. b.....	do.....	12 75
1177.	June 24.	Gitehe Gumees, misc.....	do.....	10 00
1178.	June 24.	Gunda Gunderson, sal.....	do.....	4 00
1179.	June 24.	Joos & Osmundsen, a. c.....	do.....	3 50
1789.	June 21.	Lake Nebagamon Ice Co., misc.....	do.....	2 75
1181.	June 24.	Lightbody & Wingate, misc.....	do.....	6 16
1182.	June 24.	V. E. McCaskill, sal.....	do.....	48 00
1183.	June 24.	V. E. McCaskill, a. c.....	do.....	28 33
1184.	June 24.	V. E. McCaskill, misc.....	do.....	75 19
1185.	June 24.	A. C. McClurg & Co., r. b.....	do.....	11 14
1183.	June 21.	A. C. McClurg & Co., r. b.....	do.....	1 25
1187.	June 24.	A. C. McClurg & Co., r. b.....	do.....	76 15
1188.	June 24.	Loren McQueen, rep.....	do.....	6 00
1183.	June 24.	McMullen Bros., misc.....	do.....	5 48
1190.	June 24.	McMullen Bros. t. b.....	do.....	7 16
1191.	June 24.	J. A. Merrill, sta.....	do.....	27 45
1192.	June 24.	A. Metzger, misc.....	do.....	4 12
1193.	June 24.	N. W. Oil & Grease Co., rep.....	do.....	12 03
1194.	June 24.	N. W. Machine Works, rep.....	do.....	21 00
1195.	June 24.	N. W. Machine Works, rep.....	do.....	2 40
1195.	June 24.	Wm. O'Connor, misc.....	do.....	6 36
1197.	June 24.	Wm. O'Connor, misc.....	do.....	16 00
1198.	June 24.	Pease Hdw. Co., misc.....	do.....	6 90
1199.	June 24.	Lina Prideaux, misc.....	do.....	10 00
1200.	June 24.	Remington Typewriter Co., rep.....	do.....	1 18
1201.	June 24.	Rogers-Ruger Lbr. Co., bldg.....	do.....	30 85
1202.	June 24.	Albert Rodin, bldg.....	do.....	6 40
1203.	June 24.	Thomas Roen, sta.....	do.....	2 00
1204.	June 24.	Russell Creamery Co., misc.....	do.....	8 64
1205.	June 24.	Russell Creamery Co., misc.....	do.....	6 44
1203.	June 21.	Rufus Scoon, misc.....	do.....	9 80
1207.	June 24.	Chas. Scribner's Sons, t. b.....	do.....	27 25
1208.	June 24.	Sedlachek & Anderson, bld.....	do.....	5,040 50
1209.	June 24.	Sentinel Co., misc.....	do.....	1 34
1210.	June 24.	Sedlachek & Anderson, rep.....	do.....	10 00
1211.	June 24.	Silver-Tonsberg Co., sta.....	do.....	80
1212.	June 24.	Silver-Tonsberg Co., sta.....	do.....	5 50
1213.	June 24.	Silver-Tonsberg Co., ptg.....	do.....	37 10
1214.	June 24.	Stewart Chandler, bld.....	do.....	28 00
1215.	June 24.	Clayton F. Summy Co., t. b.....	do.....	25
1216.	June 24.	Sup. Hdw. Co., rep.....	do.....	6 80
1217.	June 24.	Superior Hdw. Co., rep.....	do.....	35 00
1218.	June 24.	Superior Hdw. Co., rep.....	do.....	4 45
1219.	June 24.	Superior Towel Exchange, misc.....	do.....	2 32
1220.	June 24.	Sup. Towel Exchange, misc.....	do.....	4 20
1221.	June 24.	Superior W. L. & P. Co., w. r.....	do.....	57 45
1222.	June 24.	G. Tjensvold, a. c.....	do.....	3 00
1223.	June 24.	Twohy-Eimon, misc.....	do.....	6 75
1224.	June 24.	Twohy-Eimon Merc. Co., misc.....	do.....	5 71
938.	June 24.	Parker Educational Co., misc.....	do.....	3 19
957.	June 24.	S. Y. Gillan, misc.....	do.....	9 00
1225.	June 24.	Pay roll, sals.....	Whitewater	3,224 00
1226.	June 24.	L. C. Baker, misc.....	do.....	29 34
1227.	June 24.	Baker Paper Co., t. b.....	do.....	8 75
1228.	June 24.	Henry Baade, misc.....	do.....	21 12
1229.	June 24.	F. W. Blanke, misc.....	do.....	3 50
1230.	June 24.	Otto Brummond, misc.....	do.....	10 00
1231.	June 24.	F. R. Bloodgood, sta.....	do.....	10 65
1232.	June 24.	F. L. Burdick, misc.....	do.....	10 00

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1233.	June 24.	C. P. Cary, r. b.....	Whitewater	22 50
1234.	June 24.	Clark Engraving Co., misc.....	do.....	8 23
1235.	June 24.	W. E. Clinton & Co., misc.....	do.....	6 80
1236.	June 24.	Currie Bros. Co., misc.....	do.....	5 00
1237.	June 24.	Dodd, Mead & Co., r. b.....	do.....	3 75
1238.	June 24.	Gardner Governor Co., a. c.....	do.....	8 80
1239.	June 24.	S. Y. Gillan & Co., ptg.....	do.....	8 40
1240.	June 24.	Ginn & Co., t. b.....	do.....	8 40
1241.	June 24.	Frank P. Hall, misc.....	do.....	2 55
1242.	June 24.	Chas. Inman, misc.....	do.....	90
1243.	June 24.	Johnson & Callahan, misc.....	do.....	11 25
1244.	June 24.	Ed Joslin, furn.....	do.....	14 16
1245.	June 24.	Wm. C. Kreul Co., sta.....	do.....	3 00
1246.	June 24.	A. C. McClurg Co., r. b.....	do.....	5 00
1247.	June 24.	Leo F. Millard, rep.....	do.....	2 15
1248.	June 24.	Mil. Consolidated Music Co., t. b.....	do.....	3 90
1249.	June 24.	National Clay Supply Co., misc.....	do.....	3 00
1250.	June 24.	Northern Paper Mills, misc.....	do.....	8 00
1251.	June 24.	H. J. O'Connor, misc.....	do.....	6 50
1252.	June 24.	Fred O'Connor & Son, sta.....	do.....	6 00
1253.	June 24.	James O'Neill, misc.....	do.....	8 20
1254.	June 24.	Albert Phillips, misc.....	do.....	5 00
1255.	June 24.	Royal Purple Ass'n, misc.....	do.....	1 80
1256.	June 24.	Albert Salisbury, misc.....	do.....	23 83
1257.	June 24.	Albert Salisbury, sta.....	do.....	58 00
1258.	June 24.	Albert Salisbury, misc.....	do.....	49 00
1259.	June 24.	Albert Salisbury, sal.....	do.....	53 00
1260.	June 24.	Standard Paper Co., sta.....	do.....	11 75
1261.	June 24.	Whitewater Elec. Ltg. co., ltg.....	do.....	14 25
1262.	June 24.	The Whitewater Register, ptg.....	do.....	10 25
1263.	June 24.	The Whitewater Register, ptg.....	do.....	211 00
1264.	June 24.	Wis. Telephone Co., misc.....	do.....	5 20
938.	June 24.	Parker Educational Co., misc.....	do.....	3 18
957.	June 24.	S. Y. Gillan Co., misc.....	do.....	9 00
1285.	June 24.	H. C. Buell, sal. & exp.....	Institute	11 74
1266.	June 24.	W. H. Cheever, exp.....	do.....	8 24
1267.	June 24.	F. S. Hyer, exp.....	do.....	10 00
1268.	June 24.	Frank M. Jack, exp.....	do.....	16 98
1269.	June 24.	W. F. Lusk, exp.....	do.....	20 49
1270.	June 24.	Asa M. Royce, exp.....	do.....	22 25
1271.	June 24.	Asa M. Royce, exp.....	do.....	28 07
1272.	June 24.	F. K. Sechrst, exp.....	do.....	5 92
1273.	June 24.	O. J. Schuster, exp.....	do.....	14 03
1274.	June 24.	Geo. C. Shutts, exp.....	do.....	12 23
1275.	June 24.	Taylor & Gleason, incidentals.....	do.....	592 00
1276.	June 24.	F. L. Vail, incidentals.....	do.....	22 50
1277.	June 24.	Sylvanus Ames, gen. Off. Vis.....	Board	9 19
1278.	June 24.	Vivien S. Baker, gen. exp.....	do.....	60 00
1279.	June 24.	E. M. Beeman, gen. exp. off. vis.....	do.....	12 70
1280.	June 24.	Jennie M. Brackett, gen. exp. off. vis.....	do.....	12 50
1281.	June 24.	W. F. Dearborn, gen. exp.....	do.....	10 43
1282.	June 24.	L. D. Harvey, gen. exp.....	do.....	23 21
1283.	June 24.	Fred W. Hein, gen. exp. off. vis.....	do.....	17 93
1284.	June 24.	J. T. Hooper, gen. exp. off. vis.....	do.....	16 33
1285.	June 24.	William Kittle, gen. exp. office.....	do.....	28 27
1283.	June 24.	William Kittle, secy's services.....	do.....	133 63
1287.	June 24.	William Kittle, exp. trip of committee.....	do.....	147 80
1288.	June 24.	T. H. Lage, gen. exp. off. vis.....	do.....	10 14
1289.	June 24.	Myrtle N. McIver, gen. exp. off. vis.....	do.....	21 48
1290.	June 24.	May McNely, gen. exp. off. vis.....	do.....	19 11
1291.	June 24.	B. E. Nelson, gen. exp. off. vis.....	do.....	23 49
1292.	June 24.	N. W. Lithographing Co., gen. exp.....	do.....	15 00
1293.	June 24.	F. F. Showers, gen. exp. off. vis.....	do.....	27 24
1294.	June 24.	Miss E. S. Wyman, gen. exp. off. vis.....	do.....	14 83
1295.	June 24.	Miss E. S. Wyman, gen. exp. off. vis.....	do.....	11 83
1293.	June 24.	Sterling Eng. & Const. Co., bld.....	do.....	18,289 10
1297.	June 24.	Sterling Eng. & Const. Co., bld.....	do.....	1,681 77
1298.	June 26.	C. H. Crownhart, gen. exp.....	do.....	83 50
1299.	June 26.	C. H. Crownhart, gen. exp.....	do.....	60 00
1300.	June 26.	F. D. Ensign, gen. exp.....	do.....	73 15
1301.	June 26.	H. O. Hamilton, gen. exp.....	do.....	143 23

List of Vouchers Paid, 1907-1908.

1302.	June 26.	John Harrington, gen. exp.....	Board.....	178 15
1303.	June 23.	Emmett Horan, gen. exp.....	do.....	73 65
1304.	June 23.	Theodore Kronshage, gen. exp.....	do.....	90 00
1305.	June 23.	Thomas Morris, gen. exp.....	do.....	205 83
1303.	June 26.	C. D. McFarland, gen. exp.....	do.....	137 43
1307.	June 26.	Duncan McGregor, gen. exp.....	do.....	112 54
1303.	June 23.	Mrs. T. W. Youmans, gen. exp.....	do.....	81 23
1309.	June 26.	J. A. Peacock, gen. exp.....	do.....	21 05
1310.	June 26.	Chi. & N. W. Ry. Co., gen. exp.....	do.....	200 00
1311.	June 23.	Thos. Gentle, sal.....	do.....	13 59
1312.	June 26.	J. W. Livingston, misc.....	do.....	50 00
1313.	June 24.	A. C. McClurg & Co., r. b.....	do.....	40 03
1314.	June 25.	F. Rentscher, misc.....	do.....	5 87
1315.	June 23.	Asa M. Royce, sal.....	do.....	10 00
1316.	June 26.	Whitewater Water Works Co., w. r.....	do.....	100 00
1317.	June 26.	W. J. Brier, gen. exp.....	do.....	28 26
1318.	June 26.	John A. H. Keith, gen. exp.....	do.....	41 77
1319.	June 23.	J. W. Livingston, gen. exp.....	do.....	18 02
1320.	June 23.	Chas. McKenny, gen. exp.....	do.....	10 70
1321.	June 23.	V. E. McCaskill, gen. exp.....	do.....	21 65
1322.	June 26.	Albert Salisbury, gen. exp.....	do.....	9 05
1323.	June 26.	John F. Sims, gen. exp.....	do.....	23 73
Total audit June 24 and 26, 1908.....				\$81,331 47
Total audit from February 6, 1908, to June 30, 1908 inclusive				\$238,695 57

SCHEDULE OF CLASSIFIED EXPENDITURES FOR THE ANNUAL PERIOD ENDING JUNE 30, 1903.

Items.	Milwaukee.	Oshkosh.	Platteville.	River Falls.	Stevens Point.	Superior.	White-water.	Totals.	
Apparatus and cabinet	\$401 29	\$245 07	\$865 29	\$365 90	\$715 41	\$343 22	\$469 57	\$3,405 75	
Building	81,144 31	16 70	26,563 31	8,675 59	.....	23,611 00	.....	143,010 91
Fuel	1,717 51	3,544 04	3,286 57	1,169 77	3,123 79	1,585 53	1,686 67	16,113 88	
Furniture	720 23	398 55	9,808 36	1,401 39	475 47	497 65	119 75	13,424 47	
Light	268 57	397 78	273 90	249 25	437 70	289 80	253 28	2,170 28	
Miscellaneous	1,719 83	1,997 54	1,624 24	1,434 77	1,556 06	8,245 13	1,329 96	17,907 53	
Printing	321 75	368 97	261 82	296 58	410 92	376 10	486 40	2,522 54	
Repairs	468 02	2,402 69	128 14	386 80	1,018 12	845 44	978 53	6,227 74	
Reference books	1,503 87	1,149 85	420 05	684 45	652 11	960 64	543 70	5,914 67	
Salaries	45,980 58	54,975 75	34,291 89	30,319 18	33,969 17	33,398 56	34,932 39	267,867 52	
Stationery	441 36	814 16	163 70	324 77	253 74	393 51	372 86	2,764 10	
Text books	815 96	1,031 30	948 67	564 27	726 15	397 23	857 93	5,341 51	
Water Rent	204 17	439 46	331 85	125 00	400 00	390 37	400 00	2,290 85	
Totals	\$138,707 45	\$67,781 86	\$78,967 79	\$46,000 79	\$43,738 64	\$71,334 18	\$42,431 00	\$483,961 75	
Expenses of Committees, of the Secretary's office, of the Board for general purposes, and per diem of members								\$43,277 78	
Salary of the Secretary for one year								1,999 92	45,277 70
Cost of Teachers' Institutes:									
For incidentals								\$586 51	
For conductors' expenses								3,369 15	
For conductors' salaries								9,466 00	13,421 66
Total expenses from July 1, 1907 to June 30, 1903 inclusive									\$547,661 11

*This includes \$36,011 87 expended for the La Crosse Normal School building. The expenses of the Board for the half year ending June 30, 1908, amount to \$4,068 41.

Schedule of Classified Expenditures, 1907-1908.

Milwaukee Normal School.

APPENDIX B.

Reports of Presidents of Normal Schools.

MILWAUKEE.

HON. THOMAS MORRIS,

President of the Board of Regents of Normal Schools.

DEAR SIR:—I have the honor of submitting my report for the State Normal School at Milwaukee for the biennial period ending August 31, 1908.

INTERNAL CONDITION.

Nothing has occurred during the past two years to disturb the spirit of earnest endeavor and cooperation which exists in the school on the part of both the faculty and the student body. Such a spirit is the best testimony to the character of the men and women who are in, and who are entering into, the teaching profession.

ATTENDANCE.

The attendance has been larger for each of the two years than for the corresponding periods covered in my last report. The pressure of applicants for admission has been so strong that the rule limiting the attendance to 360 has not been strictly enforced. To rigidly enforce it would have worked hardship in many cases. Nevertheless, a large number of applicants have been denied admission each year.

During each of the two years covered by this report, 49 counties were represented by students.

The following tables give the attendance for the biennial period and the character of the institutions from which the student came.

NORMAL DEPARTMENT.

1903-1907.		1907-1908.	
From Church Academies.....	10	From Church Academies.....	16
From Colleges and Universities.....	5	From Colleges and Universities...	7
From Normal Schools.....	18	From Normal Schools.....	19
From four year High Schools.....	402	From four year High Schools.....	436
By Examination.....	4	By Examination.....	1
Specials (paying tuition).....	12	Specials (paying tuition).....	6
	451		485

Milwaukee Normal School.

TRAINING SCHOOL.

1906-1907		1907-1908.	
Kindergarten.....	41	Kindergarten.....	43
First and Second Grades.....	56	First and Second Grades.....	44
Third and Fourth Grades.....	52	Third and Fourth Grades.....	42
Fifth and Sixth Grades.....	57	Fifth and Sixth Grades.....	55
Seventh and Eighth Grades.....	46	Seventh and Eighth Grades.....	40
	252		224

THE EQUIPMENT.

The equipment of the school is as complete as the present building will allow. The new building is in process of construction and will be ready for occupancy September 1909. In it the laboratories and library will be much enlarged and better equipped.

RECOMMENDATIONS.

In view of the fact that the legislature will convene during the coming winter, I desire to make two recommendations. First, I recommend that more land be added to the new normal school site. The Regents were forced to move the school from the west to the east side of the city because not enough land could be purchased on the west side for the new building at a price within the resources of the Board. Land in the vicinity of the old site was occupied by buildings. The new site is in a section of the city where at present land is relatively cheap. In a few years it will be dear. It is economy to buy now all the land the school will ever need.

A few thousands of dollars spent now will insure the school for all future time against cramped and unsatisfactory conditions. It is a common mistake in starting new institutions and in purchasing sites for schools to make no provision for growth. Many older cities of the country and many states are buying land to enlarge school grounds and meet the growth of state institutions, paying several times what the land would have cost if it had been bought before values had advanced.

Second, I recommend that a dormitory for women students be erected at Milwaukee. Every year there are in the school approximately two hundred and fifty young women whose homes are outside of Milwaukee county. During the past year these young women represented forty-eight counties. Most of them are young and inexperienced and should have about them the sheltering influences of home or the best substitute for it, a school home. The state should not make it necessary for its future teachers to endure all the inconveniences and lack of refinement incident to boarding house life. The health, the refinement and the scholarship of the out-of-town student would be greatly enhanced by life in a well conducted dormitory.

The need of a dormitory has been made more imperative by the change in the location of the school. The present building is located in a section of the city where rooms and board may be had within walking distance of the school. The new site is in a newer section of the city where the families do not care to take students into their

Milwaukee Normal School.

homes. It will be several years, very likely, before the community will adjust itself to the needs of the school.

From the point of view of convenience and economy as well as from the point of view of the health and moral and social welfare of the out-of-town students, there should be a women's dormitory at Milwaukee.

I very much hope that the next legislature will make it possible for the school to acquire additional land and erect a women's building.

Respectfully submitted,

CHARLES MCKENNY.

Oshkosh Normal School.

OSHKOSH.

HON. THOMAS MORRIS,

President Board of Regents of Normal Schools.

DEAR SIR:—I have the honor of submitting herewith the biennial report of the State Normal School at Oshkosh, for the two years closing August 31st, 1908.

BUILDING.

Work on the new gymnasium, authorized by the last Legislature, is progressing rapidly, and it now seems that by November 1st this building will be ready for use. It will furnish the school a gymnasium of ample size, and also provide additional room for manual training and domestic science. Parts of the main building, especially the older portion which was built in 1869, are being repaired as best we can. The recent appropriation by the Board for decorating many of the rooms and improving the grounds is being spent to excellent advantage this summer. The state surely looks forward to the rebuilding of the older portion of the plant at Oshkosh in the near future, in order that our school may be conveniently and comfortably housed. There is no disposition to ask for room for more students, for the rule limiting the attendance to 500 seems wise in every way.

ATTENDANCE.

The total enrollment for the year 1906-07 was 619; for the year 1907-08, 602. The counties represented for these years, were respectively 51 and 50. These figures show how widely the influence of the school is felt in drawing students to it. A similar statement can be made regarding the number of counties into which students and graduates of the school go to teach. The attendance for 1907-08 shows a slight decrease in total number, as compared with the two preceding years, but the average daily attendance is larger, showing that the attendance is becoming more constant. This is to be accounted for almost wholly by the increasing number of high school graduates who come to us for two years' work, and who stay through the entire time without stopping to teach. The tendency may be shown in another way, by comparing the number promoted from the preparatory department to the Normal course. For the year 1906-07 this number was 75, while for the year 1907-08 it had decreased to 47. This better preparation of students along lines of scholarship and culture, before coming to the Normal School for their professional training, is certainly cause for congratulation.

THE COUNTRY SCHOOLS.

There is a great deal of dissatisfaction in certain quarters regarding the qualifications of country school teachers. It was thought years ago that the Normal Schools would be able to send their graduates, well qualified to teach, directly into the country schools, but experience proved that these young people would accept the positions that gave the largest salary and the best conditions of living, from their point

Oshkosh Normal School.

of view. It is needless to say that the cities and villages are able to offer more salary and more attractive conditions of living for young people, than are the country districts. Consequently, there are relatively few graduates of the full courses of the Normal Schools who are teaching in country schools. Many of the undergraduates teach in the country schools, but as soon as they can get better positions elsewhere they desert. This means that there is relatively a larger demand for country school teachers than for any other kind. The County Training Schools recently established in Wisconsin, with the idea of preparing teachers for the country schools, are doing a great work in this direction. The Normal Schools, however, are noticing that there is an increasing attendance of County Training School graduates, which means that these young people are ambitious and anxious for better positions; and further, that they feel that the shortest way to this end is through the Normal School.

I sympathize deeply with the desire for better teachers in our country schools; and more excellent teachers in all our schools is our greatest need. Even granting that this will always be so, there is no reason for exceptional self-congratulation, nor for pessimistic despair in the present situation. The whole matter of teachers' salaries and teachers' qualifications depends in a last analysis, upon what the people want; and therefore perhaps the greatest element in the improvement of our schools is in awakening among people generally a sane ideal of what the school ought to do, and, secondly, for that ideal, an enthusiasm that does not falter when it comes to the payment of taxes. I confidently look forward to the day when our country schools will be able to offer inducements equal to those of our cities, and confidently expect to see our best trained young people seeking country schools.

THE SUMMER SCHOOL.

In this connection I wish to speak of the summer school feature of Normal School work. The summer school at Oshkosh has been growing constantly—the attendance for 1907 being 382, and for 1908 being 433. The summer schools are maintained for the benefit of those persons who are actually in the teaching service during the year. If some means could be found whereby large numbers of country school teachers attended these summer schools year after year, there would be to them the stimulus of growth and to their communities not only the advantage of increasing effectiveness in the school room, but also something in the way of higher and better ideals of what the country school can and should do for the country boy and girl. But when one considers the existing rate of wages, it is really to be wondered at that as many teachers attend the summer schools as now attend them. The state of Wisconsin has so far only in part paid the expenses of these summer schools. For example, the state paid \$2,000 towards the expenses of the summer school at Oshkosh in 1908, and the students contributed \$2,175, the sum of these two being, approximately, the cost of maintaining the summer school. But when one takes into consideration car fare, board and room, etc., he is astonished to find that the summer school students at Oshkosh in 1908 spent practically \$20,000 for the privilege of attending the school, and the state contributed \$2,000. Some means should be found by which the existing charge for tuition in the summer school can be removed.

Oshkosh Normal School.

THE DEMAND FOR TEACHERS.

The present scarcity of teachers is in part due to the higher ideals of education that people generally are holding, and in part to the general prosperity of the country, which opens many economic opportunities to young men and young women, and which also relieves many other young men and young women from the necessity of providing for themselves. No one can seriously desire a decrease, either relative or absolute, of our national and even our local prosperity, but it is evident that the economic or salary side of teaching must in some measure keep pace with the economic level in other lines of work—else none but weaklings will enter the field of teaching. There is no difficulty whatever in finding positions for all of our good teachers, and it is a curious thing that the superior ones—for not all Normal School graduates are alike in efficiency any more than appearance—are seized upon soonest by school officers, and at the best salaries. This shows a healthy condition of public sentiment, and a growing sense of the real worth of the teacher.

THE NEWER EDUCATION.

In education there can be nothing that deserves the name new, although some things are relatively new, and the newer education means our modern idea of what the school can and ought to do for children. It is a well known fact that the school existed in the early days to prepare people for the "learned professions." With the growth of Democracy, schools have multiplied for the purpose of preparing boys and girls to live more effectively in the society into whose life they are unconsciously growing; and if this be so the school ought to look not simply towards the mastery of this or that subject by the child, but also toward his developing attitudes toward life; and it ought to conceive its mission in terms of preparation for effective living, rather than in terms of scholarship apart from actual life. This newer conception of education is growing all over our country, and Wisconsin is sharing in the enthusiasm and uplift of this idea. But there remains a vast amount of work to do in finding the best terms for the organization of the school room and finding the best possible material to use in the school room. In this work a Normal School finds its real mission, for, as its name indicates, those who first organized schools of this type, thought that by means of such a school they could set a growing standard of what a school can and should be. In order to do this, a training school is necessary, with departments from the Kindergarten to the High School. It is our aim to have the training school at Oshkosh a progressive school, rather than a model school.

For the cordial support of the Board of Regents, the loyalty of the faculty selected by my lamented predecessor, President R. H. Halsey, and for the cordial greeting and good will of the educational men of the state I, a comparative stranger, am deeply grateful.

Respectfully submitted,

JOHN A. H. KEITH.

Platteville Normal School.

PLATTEVILLE.

HON. THOMAS MORRIS,

President of Board of Normal Regents,

DEAR SIR:—I hereby submit my biennial report of the condition and progress of the Platteville State Normal School for the period of two years ending August 31, 1908.

THE NEW NORMAL BUILDING.

Thru the generosity of the State and the progressive policy of the Board of Regents, the Platteville State Normal is now located in a fine new modern building. The structure with the grounds and its equipment has cost Wisconsin fully one hundred eighty thousand dollars. The school moved into this new building at the opening of the year just closed. The valuable part of the equipment that had been collected during the forty years of this school's life was taken from the old home to the new. The Old Normal is now occupied by the Wisconsin State Mining Trade School.

The splendid building is proving all that was promised for it. The advantages of this new school home grow upon students and teachers as they work within its walls and enjoy its blessings. The building is simple in architecture and substantial in structure. The iron stairways with slate treads and the broad corridors with tile flooring render the building practically fireproof. The presence of pure flowing water, the ample provision for sanitary sewage, the abundance of sunlight, and the constant currents of pure air kept at an equable temperature show that health and comfort were kept in mind by architect and builder. The convenient arrangement of the different departments, the broad halls and corridors, and the spacious rooms indicate wise and liberal purpose in planning. The cheery kindergarten, the roomy gymnasium, the well-equipped manual-training rooms, the large and well-lighted laboratories, the fine drawing department, the attractive music rooms, the neat museum, and the splendid reference library and reading room give opportunity to meet the demands of modern education. Generous provision has been made to secure all necessary equipment for each of the different departments of the school.

Thruout this splendid new structure there flows at all times an abundance of pure, warm air and into it are poured daily floods of sunlight. Its many windows give charming outlook over woods and fields and farms and homes. Electric lights at night make cheerful the halls and corridors and rooms where students and citizens meet for literary contest, debate, lecture, entertainment, or social function. This splendid school plant affords fine opportunity for effective and efficient work.

The grounds are being made an attractive setting for the handsome building. Grassy lawns, neat shrubbery and fine trees give beauty. Soon handsome vines will add grace to the strength and simplicity of the building. Every dollar spent in keeping the school premises clean and attractive pays dividends in the pride and pleasure students take in helping keep up the standard once established. A normal school surrounded by beautiful grounds and adorned within by pictures and statuary cultivates the esthetic taste of the students and sends each

Platteville Normal School.

one out with a desire to make his home and his schoolroom and school grounds more artistic and more attractive.

The new building has given opportunity for improvement and advancement. The Kindergarten Department was opened in the most beautiful rooms of the building. The Manual Training Department has been equipped in its spacious new quarters with the best of tools and machinery. The Platteville School has been placed by your Board on the same footing as the Oshkosh Normal. The director of this important department appreciates the privilege of giving training to normal students who wish to make special preparation for this line of practical school work. This privilege will enable the school to meet the growing demand for young men ready to train the boys and girls of the public schools in Manual Training.

ATTENDANCE.

For the four years preceding the period covered by this report the attendance remained almost stationary. The total enrollment for the respective years of that time was four hundred twenty, four hundred thirty-five, four hundred thirty-five, four hundred thirty-three. The registry for the past year has been five hundred fifteen, or nearly one hundred more than that of six years ago. Three hundred twenty-five students have been registered in the Normal proper, and more than one-hundred of these were young men. Such a large proportion of young men in the normal classes gives vigor and virility. Any diminution in the number of mature, manly fellows would prove detrimental to the best interests of the school and the state. The American people are fast learning that they must meet the vital problem of holding more boys thru the grammar grades and the high school. Too large a proportion of women teachers in these departments causes many a lad to leave the schoolroom forever, and the same condition means the feminization of the youth who remain. To help boys develop into manly men they must come into daily contact with masterful men of broad scholarship, strong teaching power, vigorous initiative and virile character.

ATHLETICS.

The right sort of athletics must be maintained in a school that enrolls one hundred young men. The youth who has followed the plow must be taught to play. Growing young men must have the proper amount of outdoor exercise to keep in the best trim for vigorous mental work. Wisely directed athletics will always minister to wholesome living, to the formation of clean personal habits, to the upbuilding of strong and sturdy manhood. Encouragement of clean athletics will draw and hold in a normal school the more vigorous type of young men. These are the sort that may be developed into manly teachers for the public school. The frequent calls for young men capable of directing high school athletics and the willingness of the school authorities to pay such a person one hundred dollars additional salary indicate the wisdom of encouraging in normal schools this feature of vigorous modern school life.

Two years ago the state took our athletic campus for the new normal site, and later the Old Normal and grounds were sold to the Mining School Board. For two seasons we have leased the local Fair Grounds,

Platteville Normal School.

but this arrangement is for various reasons very unsatisfactory. So the Platteville Normal appeals for means to purchase new athletic grounds. Several suitable plots of ground are now available and options for one year have been secured on the more desirable ones. If sufficient funds are not now available we request the Board of Regents to take steps toward securing from the next legislature an appropriation for the purchase of an athletic field.

In connection with that athletic field the school desires to secure ground enough to furnish opportunity for a school garden and experimental station where our classes in agriculture, botany and nature study may do more effective practical work. The desire is to secure a model garden of vegetables, small fruit, flowers, and such hardy fruit trees as prove satisfactory in this latitude. It is also planned to place on these grounds the characteristic vines and shrubbery of the state and there preserve specimens of the native flowers that are so rapidly becoming rare or extinct in this section of the state. It is a part of the plan to form here an experiment station where we may study at first hand the valuable plants now being introduced by the department of agriculture, secure some of Luther Burbank's novelties, and also do some practical experimenting on our own initiative. Agriculture is the leading occupation of our state and it grows steadily in relative importance. Almost every resident of village, town or city may have a bit of ground for garden or may keep a few plants for enjoyment. The plea of modern education is for a closer connection with daily life. The large majority of our Platteville students come from the best agricultural section of the state. Study of plant life at first hand will give useful knowledge and added culture to the student and will later enable him as a teacher to connect school life in a vital way with the environment of the children and awake in them an interest in natural phenomena that shall grow into a lasting love for Nature and the lessons she teaches the children of men.

There is a growing demand for more intelligent farming, and few fields offer today more attractive openings for the wide awake, educated young man than does this field of the New Agriculture. It will not be a difficult matter to convince our intelligent legislators that normal schools should pay more attention to practical agriculture or to prove for them that a few thousand dollars invested at Platteville in athletic grounds and school gardens would prove a paying investment.

PLATTEVILLE ALUMNI ROLL OF HONOR.

There are now more than one thousand graduates from the full four-year courses of the Platteville State Normal. Forty per cent, or four hundred of these alumni, are men. Of the three hundred and thirty students who have completed the elementary course of two years, one-half the number came back to win a full diploma.

More than fifty Platteville graduates are at present taking advanced work in college, university or higher professional school. Something more than four hundred graduates are now actively engaged in teaching. Fifteen of this number have taught continuously more than a quarter century, thirty have spent twenty years or more in the school-room, and one hundred and fifty have taught more than a full decade. Thus we see that more than forty-five per cent of the one thousand alumni are now teaching, or are pushing on to win a higher education.

Platteville Normal School.

Fifty of the full course graduates have finished their life work. As the years have passed the remaining thirty per cent of the Normal graduates have gone into some other business or profession. Sixty of them have chosen law, medicine or surgery as their life calling, while others have become editors, farmers, fruit-growers, merchants, librarians, clergymen, capitalists, mine-owners, bankers, draftsmen, electricians and musicians. Two Platteville students who sat in the same classes thirty years ago are now sitting together in the House of Representatives as members of the Sixtieth Congress. One is the noted Colonel who organized the Rough Riders, and another is Secretary of Diplomatic Bureau of France, Italy and Spain. The list includes the President of a state agricultural college, the Dean of a law school, the Superintendent of a state industrial school, the President of a State Normal while several hold important city superintendencies. Two control noted factories of zinc products, and still another is a railway president. One graduate is Circuit Judge in our own state, another sits on the supreme bench in a sister state.

Two hundred twelve of the women graduates have left the vocation of teaching to follow the equally worthy work of home-making. Today these graduates make far better wives and mothers, for the training and culture won in the normal school. Two of the Wisconsin Normal Presidents are among the list of those who chose a life helpmeet from the Platteville alumni list.

This roster of graduates is one of which Platteville has just reason to be proud. Their careers demonstrate that the state has been amply repaid by their services for the entire cost of establishing and maintaining the first Wisconsin Normal School. Other states have also reaped some of the benefits, the one thousand alumni having representatives in thirty-five different states and territories, in Mexico, in Porto Rico, South America, the Hawaiian Islands, Europe, and in the faraway Philippines. Last June two hundred and fifty of these loyal sons and daughters gathered to bid a final goodbye to the old home school and listen to the Commencement address delivered by the man who has just rounded out two score years of worthy service in and for the school.

The kindly aid and constant encouragement given by our resident regent have done much to render pleasant the second two years of my administration as President in the school where he taught me lasting lessons more than thirty years ago. The generous treatment accorded by the Board of Regents is fully appreciated.

Respectfully submitted,

J. W. LIVINGSTON,

President.

River Falls Normal School.

RIVER FALLS.

HON. THOMAS MORRIS,

President of the Board of Regents.

DEAR SIR:—I have the honor to submit to your Board my fifth biennial report as president of the River Falls State Normal School, for the period ending August 31, 1908.

ATTENDANCE.

The attendance in the Normal Department has been somewhat larger than during any other biennial period in the history of the school, there having been enrolled during the year 1906-07 334 students,—sixty-eight gentlemen and 266 ladies and during the year 1907-08, 323 students, fifty-six gentlemen and 267 ladies the decrease in numbers being wholly among the gentlemen.

The masculine element seems to be on the decrease in nearly all the Normal schools in the country, for which there are definite financial and sociological reasons, too numerous to be detailed here.

The total enrollment for the first of the two years was 480 and for the second of the two years 476.

The students of the Normal department have been drawn from twenty-one counties of Wisconsin, from four other states and from Canada. Pierce, St. Croix and Dunn counties have furnished the majority of the students, the number from these three counties being in the order named.

FACULTY.

During the two years the school has experienced many changes in its faculty, the two chief causes being the expectation on the part of the teachers of securing more desirable fields of usefulness, either professional or matrimonial. Not only is the school a training school through which tyros become teachers but the very faculty itself seems to be in training of such a character as to make the teachers much sought after for more lucrative positions, and the very fact that a teacher has stood the strain of our strenuous life for five or six years affords a passport, without any other recommendation, for a higher place, or at least a place to which there is a higher salary attached. There is but one remedy and that is a better wage. For the resignations actuated by the wish to marry there seems to be no possible remedy.

However, in spite of the many changes the spirit of the school has not essentially changed and the instruction has been fully up to that of any of the nineteen years it has been my lot to work in this institution.

THE STUDENTS.

In the early years of the school the bulk of the attendance was found in the lower classes. Recently this has changed and the four classes are more nearly equal in number. The greater number coming as graduates of high schools tends to balance up the third and fourth year classes, while the better character of our high schools draws somewhat

River Falls Normal School.

from the first and second year classes. The age of the students is probably somewhat below that of ten years ago, owing to the improvement in the instruction and the more faithful attendance in the schools which serve as feeders to the Normal.

GRADUATION.

In no respect has there been a greater change during the last ten or a dozen years than in the number of students who complete our full course. A dozen years ago eight or ten graduates was considered a large class. During the two years covered by this report there have been graduated from the full course 93 students, fifty the first year and forty-three the second. There were but 99 diplomas issued during the first twenty-four years of the school. In addition to the diplomas we have issued during the two years thirty-five elementary certificates, twenty-one the first year and fourteen the second year. Our graduates find no difficulty in securing good positions, many of the full course people, without any experience whatever going out to positions in which they receive \$50 and \$55 a month, and we have not been able to supply much more than half the demand.

PROFESSIONAL WORK.

Another marked change in the school is the great and growing demand for practice work and subjects that lead to it. The following tabulation will indicate to what proportions it has grown. Our great problem, at present, is to find material upon which our increasing number of practice teachers may find opportunity for effort. It is expected that the free tuition recently provided by the Board may help to solve the problem, as it will no doubt increase the number in attendance in our model grades, which has been for several years gradually decreasing, and thus give the needed material upon which to experiment.

SUMMARY OF PROFESSIONAL WORK.

	1906-1907.	1907-1908.
Whole number of Practice Teachers	128	124
Whole number of Practice Classes	512	593
Whole number of weeks of practice	2,560	2,965
Average time of practice in weeks	22	24
Maximum time by any one student, (weeks)	45	45
Minimum time by any one student, (weeks)	5	5
Number successful in practice	122	118
Number unsuccessful	6	6
Number taking Observation	136	132
Number taking General Methods	75	82

A careful inspection of the above summary would convince the most skeptical that a large amount of supervision is needed to care for this number of learners and that the granting of a full time assistant to the Supervisor of Practice last year was fully warranted by the conditions in this department.

River Falls Normal School.

IMPROVEMENTS.

The addition made to the building during the summer, 1907, has given us added facilities in carrying on the work of the school according to twentieth century ideals, and has given us much needed room in several different directions, one of the most important being the increased seating capacity of the assembly room.

The Domestic Science department, added during the last year is proving very popular and is meeting our highest expectations.

For the many courtesies shown me by yourself and other members of the Board I wish to express my full appreciation and profound gratitude.

Respectfully submitted,

W. J. BRIER.

Stevens Point Normal School.

STEVENS POINT.

HON. THOMAS MORRIS,

President of the Board of Normal Regents.

DEAR SIR:—I have the honor to submit to you the report of the Stevens Point Normal School for the biennial period ending August 31, 1908.

ATTENDANCE.

The enrollment during the two years 1906-'07 and 1907-'08 is indicated by the following tabulation:

	1906-7.	1907-8.
Normal.....	293	341
Special.....	4	6
Total.....	297	347
Grammar grades.....	86	93
Intermediate grades.....	69	46
Primary.....	24	31
Kindergarten.....	36	33
Total.....	215	203

The enrollment of the year 1907-'08 in the Normal Department shows an increase of fifty students over that of the preceding year and of thirty-three over the enrollment of 1906. While the increase has been wholesome it is especially gratifying to note a larger percentage of increase in High School and Training School graduates.

The student body is characterized by the qualities of lofty ideals, intensity and integrity of purpose, untiring industry and unimpeachable character-qualities which make for success in the schoolmaster when supplemented by equally essential characteristics of initiative, academic knowledge and pedagogical skill. During the past two years 76 students have graduated from the Elementary and 91 from the Advanced Course, making the total number holding the certificate 483 and the total number holding the diploma 426.

TEACHERS.

The work done by the faculty members has been characterized by thoroughness, breadth, accuracy, with definite bearing upon pedagogic principle and practice. Normal Schools are distinctively professional schools established and organized for the purpose of preparing teachers for the public schools of the state, in order that the schools may contribute definitely to building up an intelligent, industrious, honest and patriotic citizenship, as our Democracy will be strong or weak, progressive or regressive in proportion as these elements are possessed by the integers composing it.

Therefore the men and women who compose the faculties must present their subjects to students with the professional element clearly

Stevens Point Normal School.

and conspicuously in mind for the subjects which they are teaching will be presented later to others by students whom they are now teaching. The Normal School teacher must be an exemplar of method, scholarship and character, and must possess in addition a spirit of charity and culture and that happy disposition which enables him to enter into combination with his fellow teachers in such wholesome ways that the articulation and correlation of its different parts make the school more forward as a unit in working out its mission. The motto should be "Each for all and all for each."

To secure teachers with these qualifications is one of the most responsible, as well as one of the most difficult duties of the President, and when secured such teachers are entitled to generous compensation.

I regret to note, during the past year, the serious illness of two members of our faculty, Professor G. E. Culver and Professor F. S. Hyer. About Christmas time, Professor Culver suffered an attack of La Grippe which impaired the functions of the bronchi and the digestive organs, which necessitated about six weeks' absence from school and material easing of his work during the last half of the year. Because of continuous and prolonged overwork, both in the School and in the Institute field, Professor Hyer, early last fall, was stricken with nervous prostration, one form of which was manifested in Arterial Sclerosis, making it necessary for him to go to the Sacred Heart Sanitarium, Milwaukee, for treatment. He has gained strength slowly, but has not yet reached the plane of physical health necessary for arduous work in the institute field. Hopefully the summer rest will enable these valued men to do their full quota of work when School opens in September.

FACULTY MEETINGS.

It is the practice of the School to hold regular meetings of the faculty weekly, at which meetings are discussed matters professional and administrative, which have to do with increasing the efficiency of the work of the School. During the past two years these meetings have been productive of much in the way of inspiration, more thoro and effective organization of the work, and betterment of professional and academic activities.

DOMESTIC SCIENCE.

The Domestic Science Course established by the Board for the training of teachers grows in favor, as is evidenced by an increase in the number of students enrolled in that department. The importance of this subject is receiving due recognition throughout the state and nation, and the demand for teachers competent to teach this subject in the public schools is constantly increasing. Several of our graduates in the classes of the last two years have secured positions as Domestic Science teachers for either full or part time. It is believed that the branches taught in this department, in addition to their practical utility, afford as much opportunity for the training of the mental faculties of observation, memory, imagination, judgment and reasoning, together with the development of habits of accuracy, neatness, promptness and thorness as do the so-called cultural studies.

Stevens Point Normal School.

SUMMER SCHOOL.

At this writing the first regular Summer Session of the Normal School is drawing to a close. The initial attendance of 176 amply demonstrates the wisdom of the action of the Board in making provision for such sessions at Stevens Point. A large portion of the students is made up of teachers who are engaged in school work during the year, thus making use of this opportunity for professional advancement at a season of the year when not otherwise employed. The requirement of limiting the number of branches taken to two, or in exceptional cases to three, makes possible a quality of work fully up to the standard of that done in regular sessions of the School.

FUTURE.

With the new courses of study looking towards the preparation for teachers in the High Schools, recently established by the Board; with extensive improvement in the heating and ventilation of the building; with the thoro renovation and kalsomining of the interior; with cordial support of the community and tributary country; with well organized and competent faculty; with loyal and enthusiastic student body; the Stevens Point Normal School faces the future with hope and confidence.

Respectfully submitted,

JOHN F. SIMS,

President.

Superior Normal School.

SUPERIOR.

HON. THOMAS MORRIS,

President Board of Regents of Normal Schools.

DEAR SIR:—I have the honor of submitting the following biennial report of the Normal School at Superior for the period ending August 31, 1908.

ATTENDANCE.

	1906-1907.	1907-1908.
Normal.....	321	331
Grammar.....	39	46
Intermediate.....	54	52
Primary.....	48	50
Kindergarten.....	85	40
Total.....	497	519

The above table shows an increase in attendance in both the Training School and the Normal proper. The improvement in attendance is not simply confined to numbers. The catalogs of the past few years will show an increasing number of high school graduates. The general maturity is also higher than in previous years. These conditions tend to elevate the standard of work which the school can do for the community. A study of the catalogs will also show the growth of Northern Wisconsin in an educational way. Students now are enrolled from localities where but a few years ago the trapper and the timber cruiser were the only visitors. Not only from the villages in this region but from the small farms and clearings students are finding their way to the Normal School and after a year's attendance return and teach in the settlements until they are able to complete a full course. In view of the rapid growth of our northern section and of the increased railroad facilities the outlook for further growth and further helpfulness to the state is bright.

MATERIAL IMPROVEMENTS.

The faculty and students are rejoicing in the completion of the addition to the Normal School building. For the past two years a number of departments have been so crowded that it was impossible to do the best work. The new building will not only relieve the crowded conditions, but will make it possible for the school to expand along new and progressive lines. In the new building, the basement floor has been planned for manual training, the second floor for the new Kindergarten Training Department, the third floor for the library and one recitation room while the fourth floor contains the Domestic Science Department, a large and handsome dining room for the students who bring their lunches to the building and a large room for literary societies. One of the wisest changes made possible by the appropriation by the Legislature is the removal of the boilers from the basement of the building. Through the generosity of the Board of Regents the school now possesses

Superior Normal School.

ses an athletic field adjacent to the campus. This field has been graded and is of ample size for foot ball, base ball and tennis fields. The wisdom of the Board has already been shown in an increased interest in athletics both in the school and in the community.

As a result of the completion of the new building some much needed changes are being made in the old building, the offices being moved to the second floor, a reception room being provided for the women of the faculty, and the third floor rearranged so that all classes may recite now in well lighted and ventilated rooms.

NEW DEPARTMENTS.

At the beginning of the fall quarter this year, the Superior State Normal School will open a training department for Kindergarten teachers. The demand for such a training school in the northern part of the state has been constantly increasing from city superintendents who desire trained teachers, from students who wish to prepare themselves for the work, and from primary teachers who desire a knowledge of the latest kindergarten methods in order that their own work may be more definite and efficient.

The course of study is practically the same as that offered by the State Normal School at Milwaukee and is equal to that of the best Kindergarten training schools in the country. This department will occupy the entire second floor of the new building. In beauty of architecture and design and in commodiousness, these rooms are not excelled in the state. Under the leadership of Miss Caroline W. Barbour, who has so successfully conducted our Kindergarten for the past five years and whose training especially fits her for the principalship of this department, the Kindergarten Training School will undoubtedly add to the value and usefulness of the school to the community and to the state at large.

For the past two summers the Superior State Normal has maintained a six weeks' Summer Term. The purposes of this Summer Term have been to offer the privilege of the Normal School, (1) to those desiring to make Normal credits, (2) to those seeking primary certificates under the law authorizing the renewal of certificates, (3) for those desiring reviews in the common branches for the purpose of obtaining a teacher's certificate. The attendance during the summer of 1907 was 162, while this year the attendance was 256, a gain of almost one hundred. The faculty of the Summer School is made up partly of regular members of the Normal School faculty and partly of successful superintendents from the state. Especial emphasis has been placed on the professional side of the work. Many of the students are country teachers who come in for the summer and then go back to their country schools with added knowledge and increased inspiration for the work. There is no question that the Normal Schools through their Summer Terms can come into closer direct contact with the country schools than they have ever been able to do before. It is to be hoped that the next Legislature may see fit to appropriate a sum sufficient to maintain Summer Terms in all the Normal Schools on the same basis as the regular terms.

Superior Normal School.

FUTURE NEEDS.

In connection with the Normal Summer Term, I would suggest that the Board of Regents authorize the Normal Schools to take up correspondence work. Here is the opportunity for these schools to meet the demand that the State Normal Schools do more for the rural schools. With a carefully planned course of correspondence work, under the supervision of the members of the faculty, and administered in connection with the Summer Term, the Normal School can reach a large number of rural school teachers who otherwise would not pursue any systematic study. In this way the district schools would be directly benefited and the Normal Schools would extend their fields of usefulness.

On account of the increasing need and the growing demand, we are also asking for the establishment of a Manual Training Department in connection with the Superior Normal School. In the new building the basement has been especially designed for such a department, and it is the hope of the faculty that in another year you may see Manual Training established as a regular part of the school work.

DORMITORY.

In this connection I would renew the suggestion made in the last biennial report to your Honorable Board that one of the greatest needs now before the school at Superior is a dormitory for young ladies. In a city the size of Superior—the second city in the state—and with students coming to the school from all parts of the state, the demand for a suitable home for these girls is more and more pressing. Parents sending their children from home in order that they may get an education desire above all things that they be cared for morally and physically. In a large city where the students are necessarily scattered more than they are in a smaller town, this close supervision is difficult. We have a large committee from the faculty whose business it is to look after the needs of the students both in the school and in their temporary homes. Teachers call on the homesick and those who are ill and yet sometimes the students fail to report these cases. If these girls were living in a home together under the immediate supervision of a competent and sympathetic teacher, much more care could be given to them and much done to insure better health and comfort.

Another and equally strong argument in favor of dormitory life relates to the social and spiritual side of the young women. Training in the branches of the curriculum is not all. The school should not only be able to give a thorough academic education, but it should teach those arts which make the individual more fit for the home and society. Many teachers of strength professionally fail on account of a lack of culture which is essential to the highest success. With the new addition to our building, and with the splendid Domestic Science Department now being administered, and with a dormitory where these girls from the different parts of the state could find a home in the truest sense of that word, the school could more nearly fulfill its function as an educational institution. What the state needs is cultured, sympathetic, educated teachers. Already our sister states have established dormitories in connection with their schools. Duluth, just across the Bay from us, has a splendidly equipped home for her normal students, and the demand is increasing that the state of Wisconsin do as much for

Superior Normal School.

the students who come to her Normal Schools. Parents all over the northern part of the state are asking for a dormitory in connection with the Superior Normal School where their children may find a home—a home where they may be properly supervised, where they may be taught those finer arts so admired in the home and so essential to the highest and most lasting success of the teacher who goes out to make real citizens of the boys and girls of the state.

Respectfully submitted,

V. E. McCASKELL,

President.

Whitewater Normal School.

WHITEWATER.

HON. THOMAS MORRIS,

President Board of Regents of Normal Schools.

DEAR SIR:—In compliance with the regulations of the Board of Regents I have the honor to submit the following report for the two years ending July 1, 1908:

ENROLLMENT.

NORMAL DEPARTMENT.	1906-1907.	1907-1908.
Post graduates.....		1
Senior class.....	73	71
Junior class.....	73	103
Second year classes.....	62	56
First year classes.....	78	82
Special students.....	2	2
Preparatory classes.....	5	3
Totals.....	293	317
Number of ladies.....	245	264
Number of gentlemen.....	48	53
MODEL DEPARTMENT.		
Grammar grades.....	40	37
Intermediate grades.....	40	41
Primary grades.....	60	40
Kindergarten.....	57	49
Totals.....	197	167
Total in Normal department.....	293	317
Total in all departments.....	490	484
In summer school.....	209	263

SOURCES OF MEMBERSHIP.	1907-1908.
Admitted on entrance examination.....	17
Admitted on high school diplomas.....	78
From 2nd to 3rd years of high schools.....	12
From 9th grade.....	3
On teachers' certificates.....	6
Promoted from preparatory department.....	13
From other Normal schools.....	3
From county training schools.....	1
Total.....	133

Whitewater Normal School.

ENROLLMENT BY COUNTIES, NORMAL DEPARTMENT, 1907-1908

Clark	1	Oneida	1
Columbia	3	Racine	10
Crawford	1	Richland	6
Dane	18	Rock	33
Dodge	5	Rusk	1
Fond du Lac	1	Sauk	14
Grant	5	Sheboygan	2
Green	8	Walworth	119
Iowa	13	Washington	2
Jefferson	12	Waukesha	26
Kenosha	5		
La Crosse	1	Other States.	
Lafayette	11	Illinois	9
Manitowoc	2	Michigan	1
Marquette	2		
Milwaukee	5	Total	317

GRADUATES.

	1906-1907.	1907-1908.
Certificated (Elementary Course)	24	32
Graduated (Advanced Course)	60	53
Totals	84	85

THE OCCUPATION OF GRADUATES.

As reported in November, 1907, was as follows:		
Graduatee from Advanced Course, men, 218; women, 567; total		785
Have not taught since graduation		28
Still in the teaching profession		395
Have completed college or professional courses		77
Now in college or university		21
Have entered other professions		40
Women who have married and left the profession		175
Deceased		50
Completed the Elementary Course Only.		
Men, 147; women, 493; total		640
Have not taught since certification		26
Are pursuing the Advanced Course		21
Have completed college or professional courses		18
Still in the teaching profession		195
Have entered other professions		28
Women who have left the profession by marriage		205
Deceased		52

It thus appears that of graduates from the Advanced Course, for the whole period of 37 years, over 50 per cent are still in the profession; while only $3\frac{1}{2}$ per cent have not taught since graduation. Of those finishing only the Elementary Course, through a period of 32 years, 30 per cent are still teaching.

Whitewater Normal School.

SUMMER SCHOOL.

The enrollment in the Summer School of 1907 was 209; that in the session of 1908 is 263. Of these, 90 were working for credits in this or some other Normal School; 76 were seeking the renewal of their certificates as primary teachers under the law of 1905; while 97 were preparing for county examinations or working for general results, increase of teaching power, without any particular reference to examinations. This is, perhaps, the most desirable element in the Summer School, the element for which it is primarily instituted.

On the other hand, those primary teachers who are working for the renewal of their certificates, and who stay only two weeks of the whole term, are the least satisfactory element. It is clearly evident that the terms of that act are too loose and liberal. The law should receive careful revision at the first opportunity, so as to require a more prolonged and adequate attendance in the Summer School as the condition of exemption from the county examinations.

Concerning the general administration of the Summer Sessions in Wisconsin Normal Schools, it is a matter of interest that the attendance upon them does not approach that in neighboring states. The reasons for this fact ought to receive more thorough consideration. I am still of the opinion that no tuition fee ought to be charged. A charge of one dollar for book-rent only would be more in accord with the general theory, and practice, of state institutions for the training of teachers.

A NEW APPURTENANCE.

Through the co-operation and liberality of the Alumni of the school, we have been able to add a new instructional feature to our equipment. A pioneer log-house, built some sixty years ago, was bought and moved in, a distance of eight miles. This was supplied with a fire-place and stone chimney and put in habitable condition on the school grounds. It is already fairly well stocked with old-time furniture, utensils, and fabrics, as a Museum of Pioneer Life, to the end that the children of the present and future may have an objective presentation of the conditions under which their ancestors met the demands of daily life.

THE LIBRARY.

The Library of the school has now reached a total of 9,600 volumes, along with several thousand classified pamphlets and a valuable collection of mounted pictures, classified and catalogued, for purposes of instruction. The library has thus already exceeded the capacity of the room available for it. At least double the space now available is needed both for the book-stacks and for reading tables and space for work by the students and librarians.

THE TRAINING DEPARTMENT.

It can not be too often reiterated that the Training Department, or Practice School, where theories are specifically applied, is the heart and center of the Normal School. The most common and serious defect in the organization of Normal Schools, is found in the usually inadequate number of children in this department. In a school like this, where

Whitewater Normal School.

perhaps 75 pupil teachers must be given practice teaching, under critical supervision, the number of children in the Practice School should never be less than 200; but that number can not be enrolled in the Whitewater Normal for lack of house-room.

MORE ROOM A NECESSITY.

Our original building was erected in the day of small things, before the true scope and proper organization of a Normal School was well understood. It has been added to from time to time, to meet pressing needs, but always with inadequate and pinching appropriations. Meanwhile, the growth of the school, not so much in numbers as in organization, has continually exceeded the expansions granted; and the time has come when the needs of the Library and the Training Department, to say nothing of other features of the work, imperatively demand the provision of additional room. A new building, or annex, costing perhaps \$35,000.00 should be erected at the earliest practicable date.

SERVICE.

It is the desire of the Whitewater Normal School to serve the state and its children in every practicable way. That, for instance, is why we maintain a Summer School. We are especially anxious to serve the interests of the rural schools, and keep up a connection with them. It is a matter for regret that the "One Year Course for Teachers of Country Schools" established by the Board of Regents some years ago, has not received more encouragement and recognition from the Legislature, and the County Superintendents of the State. If this course were given the same sanctions by the State that are granted to the County Training Schools, the State Normal Schools might maintain a closer relation to the country schools than obtains under present conditions.

With thanks to the Board for the favor and consideration shown to me personally and officially, the above is respectfully submitted.

ALBERT SALISBURY.





SIXTH BIENNIAL REPORT

OF THE

COMMISSIONERS

OF THE

Geological and Natural History Survey

Covering the Period from
July 1, 1906, to June 30, 1908.



MADISON, WIS.
DEMOCRAT PRINTING CO., STATE PRINTER.
1908

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*GEORGE KEMMERER. Assistant, Lake Survey.
*MELVIN E. DIEMER. Assistant, Lake Survey.
*CHARLES T. VORHIES. Assistant, Report on Fish.
*HARTLEY H. T. JACKSON. Assistant, Report on Fish.
*JESS G. MAXON. Assistant, Report on Fish.

* Assistants employed during the field season of 1908.

LETTER OF TRANSMITTAL,

COMMISSIONERS OF THE WISCONSIN GEOLOGICAL AND NATURAL
HISTORY SURVEY, MADISON.

Office of the President.

October 1, 1908.

HONORABLE JAMES O. DAVIDSON,
Governor of the State.

SIR:—I have the honor to transmit herewith the report of Dr. E. A. Birge, Director and Superintendent of the Geological and Natural History Survey for the biennial period extending from July 1, 1906, to June 30, 1908, including also a general statement of the work performed by the Survey during the summer and fall of 1908. During this period the regular appropriation for the Survey has been \$10,000, and the legislature of 1907 made a special appropriation of \$10,000 annually for two years, to be devoted to the extension of the work on water powers, Southwestern Wisconsin, and especially highways. The amount granted and the necessities of the last department were such that no money has been expended on water powers, and most of this appropriation has been devoted to highways.

The Survey has continued its work in all departments, and has issued several important publications during the biennial period, which are described in the report of the Director. From the scientific point of view, the most important publication during the past two years has been the report on the geology of north central Wisconsin by Dr. Weidman. From the economic point of view, the most important bulletin is that by Professor L. S. Smith on the water powers of the State. A very large part of the funds of the Survey since the adjournment of the Legislature of 1907 have been devoted to the subject of roads. The efforts of the Survey in behalf of the roads of the State have included several branches. The most important of these have been educational work carried on at special meetings, and particularly in

connection with the farmers' institutes, work in the preparation of plans and specifications for bridges, and the building of experimental roads. Much commendation is due to Mr. Hotchkiss and his associates in this department for the wisdom and the skill which they have shown, and for the large results which they have obtained from the comparative small fund at their disposal. If the constitutional amendment, permitting state aid to roads, is approved by the people in November, that result, so earnestly to be wished, will be in great part due to the efforts of this Survey, which years ago began its work in behalf of the roads of Wisconsin.

Of other matters mentioned in the Director's report I will refer only to the work of the Survey upon lakes. The investigations which are now nearly ready for publication have been carried on slowly, as is necessary with studies which are dealing with fundamental problems. They have already shown their practical value, however. One evidence of such is found in the fact that the United States Bureau of Fisheries has cordially coöperated with the Survey, aiding in the extension of these observations.

The report of the Director shows that there still remain many matters of importance in which the Survey can profitably serve the State. The consciousness of the people has been recently awakened to the fact that the large resources accumulated by nature in the past have been drawn upon far more rapidly than they are renewed, and that future prosperity will depend on an intelligent, and even scientific utilization of these resources. The appointment by the Governor of a Commission on the Conservation of the Natural Resources of Wisconsin is one evidence of this fact. The establishment of this Survey eleven years ago is, perhaps an even better evidence of this wisdom and foresight of the State, in making some, even though not wholly adequate, provision for the investigation of these resources. It is certain that in the future the value of the work of the type which this Survey has been and is carrying on will be more and more clearly seen. I believe it is certain that the State will demand its extension into many new directions, and that large profit will come from this source to the commonwealth.

Very respectfully yours,

CHARLES R. VAN HISE,

President.

REPORT OF THE DIRECTOR OF THE SURVEY.

To the Commissioners of the Geological and Natural History Survey:

GENTLEMEN:—I submit herewith my sixth biennial report as Director and Superintendent of the Survey under your charge from July 1, 1906, to June 30, 1908. I include also a statement of the work of the Survey during the summer of 1908; thus giving an account of its operations up to the time when the report goes to press.

The regular income of the Survey during the biennial period has been \$10,000 annually; the same as during the period covered in the preceding report. By chapter 641 of the laws of 1907, the additional sum of \$10,000 annually was appropriated for two years in order to carry on investigations regarding roads, water powers, and to extend the mapping of the lead and zinc district. The Survey also received aid to the amount of \$500 in 1907 from the United States Bureau of Fisheries, to assist in lake investigations, and \$250 in the same year from the Wisconsin Commissioners of Fisheries, to aid in defraying expenses of making a collection of Wisconsin fishes. These appropriations have been continued during 1908.

I. PERSONNEL OF THE SURVEY.

The following table shows the organization of the Survey, with the names of the persons who have been employed during the past two years. The amount of money paid to each person, including compensation and allowance for field expenses, is included in the report of the Secretary of State.

Administration:

EDWARD A. BIRGE, Superintendent and Director of the Survey. In immediate charge of Natural History Division.

F. G. SANFORD, Clerk.

Geology Division:

T. C. CHAMBERLIN, Consulting Geologist, Pleistocene Geology.
 WILLIAM O. HOTCHKISS, Geologist. In charge of Economic Geology and of Highway Division. Gave part time to Survey until July 1, 1907; full time since that date.
 SAMUEL WEIDMAN, Geologist. In charge of Areal Geology.
 EDWARD B. HALL, Geologist. Assistant in Areal Geology. Employed during field season of 1906 and year 1907-08.
 Field party, Southwestern Wisconsin; summer of 1907:
 EDWARD STEIDTMANN, Geologist. In charge.
 DANIEL F. HIGGINS, Geologist.
 CHARLES E. DECKER, Geologist.
 FRANK F. GROUT, Geologist.
 SIDNEY H. DAVIS, Levelman.
 HUBERT A. STECKER, Levelman.
 EDWARD C. STOCKER, Levelman.
 EWALD O. STIEHM, Rodman.
 WILLIAM H. HINN, Rodman.
 GEORGE P. STOCKER, Cook, etc.

Highway Division:

WILLIAM O. HOTCHKISS. In charge.
 ARTHUR R. HIRST, Highway Engineer. Employed since August 15, 1907.
 MARTIN W. TORKELSON, Bridge Engineer. Employed since February 15, 1908.
 HERBERT J. KUELLING, Assistant Highway Engineer. Employed since May 5, 1908.
 WAYLAND C. WELLS, Clerk and Stenographer.

Natural History Division:

CHANCEY JUDAY, Biologist. In charge of Lake Survey. Absent Oct., 1907, to July, 1908.
 GEORGE WAGNER, Biologist. In charge of Report on Fishes. Field work, done mainly in summer of 1907.
 Field Assistants, summer of 1906:
 RAYMOND C. BENNER, Chemist. Lake Survey.
 CHARLES T. VORHIES, Assistant. Fish Report.
 Field Assistants, summer of 1907:
 ROY D. HALL, Chemist. Lake Survey.
 CHARLES T. VORHIES, Assistant. Fish Report.
 GEORGE KEMMERER, Assistant. Lake Survey.
 EARL V. HILLS, Assistant. Lake Survey.

Water Power Division:

LEONARD S. SMITH, Engineer. In charge. Small amount of field work in biennial period. Report written and published.

Besides the persons named above, others have been employed for special services and for short periods as stenographers, draftsmen, and in similar temporary capacities.

II. FINANCIAL STATEMENT.

In the following table I have summarized the expenditures of the Survey according to departments, thus indicating the main directions in which the money appropriated by the State has been expended. The result is as follows:

	1906-07	1907-08
Administration	\$856.00	\$1,092.03
Areal Geology	3,435.47	3,986.80
Southwestern Wisconsin	60.61	.....
Water Powers	296.72	.....
Economic Geology	2,087.35	2,635.40
Lake Biology	2,046.39	1,046.43
Lake Chemistry	610.78	540.97
Report on Fish	481.64	267.91
Special	118.55	568.15
	\$9,993.51	\$10,137.69
Water Powers (Chapter 475, Laws of 1905) ..	\$265.91	.....
Roads (Chapter 641, Laws of 1907) .....	.....	\$6,132.72
Southwestern Wisconsin (Chapter 641, Laws of 1907) .....	.....	2,587.43
		\$8,720.15

The expenses for administration include the Director's salary, \$500, the pay of the clerk, and expenses for stationery, postage, printing, freight and express, etc., which are not chargeable to special investigations. In each of the years covered by this report the Director spent the entire summer—about three months—in field, office, and laboratory work associated with the natural history investigations of the Survey.

The sums as given in the statement above do not agree with the totals from the table furnished by the Secretary of State. The figures in my report refer to claims audited at this office during the period covered by the report, and always include some claims at the close of the year not included by the Secretary of State, and omit at the opening of the year others included by him. The Secretary of State also includes in his report items paid from the general fund for printing and engraving.

III. WORK OF THE SURVEY

The report of the work of the Survey for the past biennial period naturally falls into two divisions:

1. The investigations carried on under the present permanent appropriation of the Survey.
2. The new work made possible by the special appropriation granted by the legislature of 1907.

1. A. The most important piece of work completed during the biennial period has been Dr. Weidman's report on the Geology of North Central Wisconsin, and the extension of his survey to the northwestern part of the state.

B. The field work for a report on the water powers of the state was finished in 1906 and the report by Professor L. S. Smith has been published. There still remain a number of important rivers to be surveyed.

C. Investigations on the lakes have been continued and have been aided by a grant from the United States Bureau of Fisheries.

D. The collection of fishes, to serve as a basis of a report on Wisconsin fishes of economic value, has been continued, aided by a grant from the Wisconsin Commissioners of Fisheries. With the work of the season of 1908 collections have been made from all regions of the state sufficiently large to enable a beginning to be made on the study of the distribution of the fish.

2. The most important items of work undertaken by means of the grant of the legislature of 1907 are:

E. The work of the Highway Division. This division, the largest and economically the most important division of the Survey, has received by far the greatest part of the money appropriated by the state. The financial report shows that during the year 1907 more than \$6,000 were spent on this division. In addition, the salary of Mr. Hotchkiss, \$2,500, ought also to be credited to this division, although paid from the regular appropriation. The expenses of this division increased as the year advanced and a balance of some \$1,300 was carried over from 1907-08 to 1908-09. Within the two years covered by the appropriation the sum of nearly \$20,000 will be spent on the roads.

F. During the summer of 1907 a field party was maintained in

Southwestern Wisconsin, enlarging the area mapped. The drawing of the maps was completed during the following winter and they are now in process of engraving.

G. Under special investigations the most important is a report on the fossils of the Devonian formation of Milwaukee, by Professor H. F. Cleland of Williams College. The Survey bore the expense of preparing this report; the expense of the field work being borne by Professor Cleland. The report is now completed and ready for publication.

H. During the present summer the Survey has carried on work in all of the permanent lines indicated above. The work of the Highway Division has been vigorously prosecuted. The field work on the areal geology has been carried on by Dr. Weidman with two field assistants: Mr. Hall and Mr. F. T. Thwaites. Collections of fish were made in the northwestern part of the state and in the Lake Superior region by Messrs. Vorhies, H. H. T. Jackson, and J. G. Maxon. The field work for the study of the Wisconsin lakes was completed by an investigation of the lakes of the northwestern part of the state by Messrs. Juday, Hall, Kemmerer, and M. E. Diemer. Professor L. Martin spent the summer in the study of the physical geography of the state, primarily to prepare a chapter on this subject for the general account of the geology of Wisconsin. Mr. F. W. Huels carried on field work on the peat deposits of the state. The testing of the samples collected will be done by the United States Geological Survey. Mr. G. H. Cox carried on field work in the lead and zinc district of Southwestern Wisconsin, giving especial attention to the problems associated with the origin and deposition of the ores.

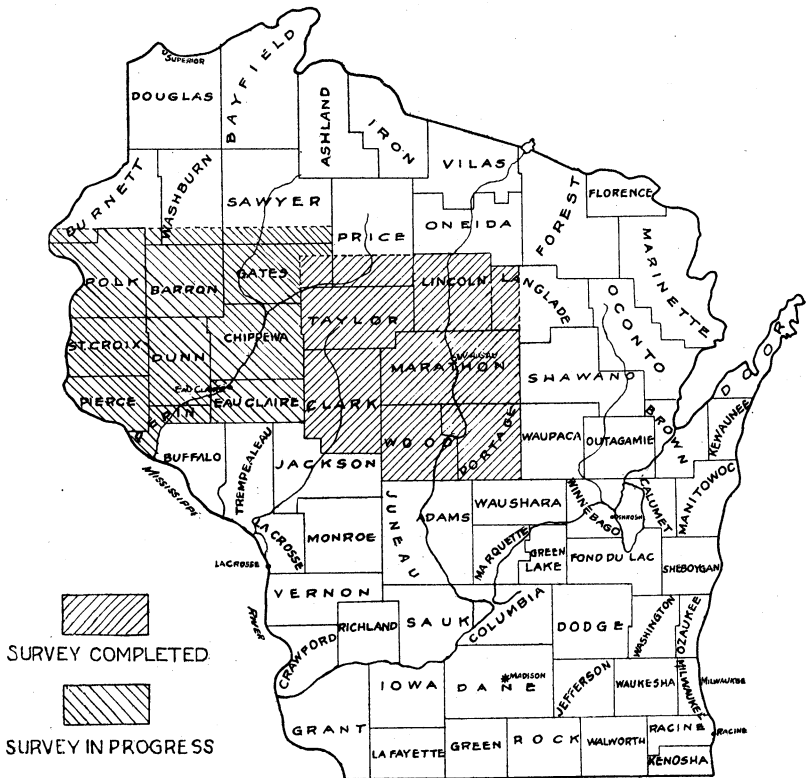
The following pages report the work of the Survey in greater detail:

A. *Areal Geology.* The survey of the north central counties of the state by Dr. S. Weidman was completed in 1906, and the report on that district, Bulletin No. 16, a volume of 697 pages, entitled "The Geology of North Central Wisconsin," was ready for distribution in September, 1907. The area described in this report, (see map page 14), includes Portage, Wood, Clark, Marathon, Lincoln, and Taylor Counties, with adjoining portions of Langlade, Price and Rusk Counties. The area has an approximate extent of 7,200 square miles, about one-eighth of the state.

A report of the north central counties, Bulletin No. 11, with

accompanying soil map was issued in 1903. Owing to the large demand for this soil report by those interested in the agriculture of northern Wisconsin, the first edition of this report, 6,000 copies, was exhausted. A second edition of the soil report, 3,000 copies, was printed in September, 1908.

During the past four years the areal survey of the counties west of the north central part of the state has been in progress. This part of the state may be conveniently referred to as Northwestern Wisconsin. It includes (see sketch map) Eau Claire,



Map showing location of North Central Wisconsin district.

Chippewa, Rusk, Barron, Dunn, Pepin, Pierce, St. Croix, and Polk counties. It is planned to prepare reports on the soil and geology of this area similar to those of North Central Wisconsin.

During this season of 1905 Dr. Weidman was assisted in the field survey of Northwestern Wisconsin by J. H. Warner and E. B. Hall. About four months were spent in the field work and

parts of Rusk, Barron, Chippewa, and Eau Claire Counties, were surveyed.

In 1906 Mr. Hall continued as assistant, and about six months were spent in the field. The remaining parts of Eau Claire and Barron Counties, and the whole of Dunn County were surveyed.

In 1907 about six months were spent in the field by Dr. Weidman and Mr. Hall, and the survey was mainly confined to Pierce and St. Croix Counties.

During the present season of 1908 Pepin and Polk Counties were surveyed. Part of the season also was given to the final preparation of the soil map of the entire area. During 1908 E. B. Hall and F. T. Thwaites assisted in the field work.

During 1906 and 1907 an informal cooperation in the survey of the glacial formation was carried out with Mr. Frank Leverett of the U. S. Geological Survey. The survey of the glacial formation of the central part of the United States is under the general supervision of Prof. T. C. Chamberlin, who is also consulting geologist of the State Survey on glacial geology. The relative positions of the glacial formation of Wisconsin with respect to similar formations in the adjoining states of Illinois, Minnesota and Iowa are not at present known, and it is planned to continue cooperation until the correlation of the glacial formation can be determined. During the present year, 1908, there has been an informal cooperation with the Minnesota geologists, Professors Hall and Sardeson, in the survey of the formation along the Mississippi River.

During the present field season of 1908 an informal cooperation has been carried out in the soil survey with Prof. A. R. Whitson of the University Agricultural Department. In this scheme of cooperation Prof. Whitson and assistants plan to make special investigation of the various soil formations as mapped by Dr. Weidman in the regular areal and soil work of the Survey. In Prof. Whitson's work emphasis is therefore laid on investigations of the chemical and physical character of the various soil formations, especially those already opened up to agriculture, their relative fertility and value for special crops, the best means of soil improvement, the conservation of the soil resources, and various other important agricultural problems relating to the soil.

Soil reports of the northern half of the state, in view of the

large proportion of unsettled land in that part of the state, should, perhaps, be prepared with two principal objects or purposes in view. On the one hand the soil report and maps should be prepared for the prospective new settler, and for this purpose a brief report, with soil map, giving accurate and unprejudiced information, the soil report of north central Wisconsin, No. 11, is amply sufficient. But, on the other hand, to the farmer already settled upon the land, information concerning the character, fertility, and conservation of his soil cannot be too detailed, and for him the soil report should be of greater length, and should deal with the special problems of agriculture which have already, or will shortly develop upon the particular soil formations where he has made his farm.

In making the soil survey of the northern half of the state, therefore, a formal cooperation in the areal geology and soil mapping of the Survey with the work in soil investigation by the University Agricultural College could wisely and conveniently be carried out. To aid in this important work, which is clearly a principal object for which the State Survey was organized, additional funds for the areal and soil survey are needed. At the present time funds for the areal geology are hardly sufficient for the survey of about two counties, 40 to 50 townships, per year. This work should be so increased that at least two or three times the present area can be covered each year. Even at this increased rate it would require at least five or six years to complete the soil map of the northern half of the state.

B. *Water Powers.* The field work for the report on the water powers of the state, authorized by chapter 475 of the laws of 1905, was completed in the first months of the biennial period covered by this report. On the completion of the field work Professor L. S. Smith began the preparation of the report, which was published in 1908 in a volume of 354 pages with 54 plates. This report gives a very full and completely illustrated account of the water powers found in many of the most important rivers of the state. The report is unusually well presented and the facts regarding each river have been investigated and reported on with exceptional care. As stated in my last biennial report, the work has been done at much less expense than attended water powers surveys much less complete and satisfactory. The report has received great praise from all interested in this subject, both in

this state and from engineers without the state who have examined it.

Besides the report, Professor Smith prepared profile maps of the most important rivers of the state. These include the Wisconsin River, in 11 sheets; the Eau Claire River, 2 sheets; the Peshtigo River, 4 sheets; the Black River, 3 sheets; and the Flambeau River, 6 sheets. These have been published by the United States Geological Survey and can be obtained either from that Survey or from the Wisconsin Survey at a uniform price of five cents per sheet.

C. Lakes. The study of the lakes has been continued along lines indicated in the Fifth Biennial Report, which gave an account of the progress of the work up to the fall of 1906. Investigations were vigorously carried on during the year 1906-07 and until October, 1907, when Mr. Juday, the biological assistant, was given leave of absence until July, 1908, in order that he might visit biological laboratories in Europe. During his absence little work was done, as there was no one in the employ of the Survey who could continue it, and active operations were resumed again in July, 1908. Thus, with the exception of the months of Mr. Juday's absence, field and laboratory work have been carried on continuously in this subject since the fall of 1904, and the material is now in hand for a report on the subject, which it is hoped will be written during the current year and published at once.

Several principles and beliefs have underlain this part of the work of the Survey. It is believed that the numerous lakes of Wisconsin constitute one of the most important natural resources of the State,—a resource which at present is valuable, both as adding food supply and especially as contributing to the wealth of the state through the attractions which they offer for summer visitors and for sport. It is believed also that a full knowledge of the fundamental conditions of life in these lakes is a matter of the first importance to a proper utilization of these resources and that the acquisition of this knowledge will make possible an increase in the value of this property to the State. This knowledge holds the same relation to the economic use of lakes as does that of soil physics and chemistry to the use of agricultural land. When the Survey began work such knowledge was almost wholly lacking. European investigations were very scanty and fragmentary and very little had been done in this country, and that

consisted of scattered observations, chiefly made in connection with the study of water supplies. As these studies were almost wholly new, they have necessarily proceeded slowly, especially as the funds at the disposal of the Survey were small, and the work has suffered at least one long interruption for lack of money.

During the earlier years of the Survey these studies were carried on by the Director alone, whose efforts aimed at finding out the temperature conditions of the lakes, which form, to a great degree, the key to the understanding of other facts which modify the conditions of lake life. A report on this subject was written several years ago but pressure of other matters has deferred its publication. With the fall of 1904, work was begun by Professor Lenher of the Department of Chemistry in the University, under the supervision of the Director, on the dissolved gases of the lakes. Methods were worked out during the fall and winter and serious investigations were begun in the spring of 1905. With the return of Mr. Juday in August, 1905, the main labors of the investigation were committed to him. During 1905 and 1906 the lakes of Southeastern Wisconsin, from Waupaca to Lake Geneva, were studied in the field. It soon appeared that these studies were revealing facts which profoundly affect the kind and amount of life which various lakes can support, and some practical conclusions regarding the possibilities of fish life in the deeper water of lakes soon became apparent. The reports made of these studies to the members of the United States Bureau of Fisheries at Washington so interested them that the Bureau offered to cooperate with the Survey and aid it to carry on these studies on a larger scale. During the years 1907 and 1908 the Bureau of Fisheries has contributed \$500 annually to the extension of the field work. In 1907 studies were made on the lakes of northeastern Wisconsin, and during 1908 on the lakes of the northwestern part of the state. Nearly sixty lakes were visited in each section during the month of August and the early part of September. Experience has shown that this is the critical period for lakes in respect to the possibilities of life in the deeper waters, as the oxygen content of the lower water is lowest at this time. The general history of the lake during the year can be inferred from observations made in late summer when this cycle has been worked out during the entire year in a considerable number of lakes which can serve as standards.

The Survey has thus brought material for a much more complete report on the fundamental conditions of life in lakes than has ever been collected before. The course of the investigations also has made it plain that the demands of the future are rather for a careful and consecutive study of the facts in single lakes carefully selected as types, than for more numerous observations scattered widely over different lakes. The importance of the facts which have been ascertained has become increasingly plain, and as would be expected, the difficulty and the complexity of the study have appeared also. The physical and chemical problems of lake biology are nearly as complex and difficult as are those of the soil and need to be studied by the same careful, patient, continuous and extensive methods. The report of the Survey will constitute an introduction to such work. It will sketch the general facts of the physical and chemical conditions of life in lakes, but it will suggest far more problems than it will be able to solve.

During the biennial period four brief papers have been published relating to various points that have come out in connection with this work:

On the Oxygen Dissolved in the Waters of Wisconsin Lakes, E. A. Birge. Read at the 35th meeting of the American Fisheries Society, 1906. Published in their Transactions and in the report of the Wisconsin Commissioners of Fisheries for 1904-06.

The Respiration of an Inland Lake, E. A. Birge. Address at the 36th meeting of the American Fisheries Society, 1907. Printed in their Transactions and in the Popular Science Monthly for April, 1908.

On a Summer Resting Stage in the Development of *Cyclops bicuspidatus* Claus. E. A. Birge and Chancey Juday.

Some Aquatic Invertebrates which live under Anaerobic Conditions, Chancey Juday. Both the last papers were published in the Transactions of the Wisconsin Academy of Sciences, Arts, and Letters. Vol. XVI, Pt. 1. 1908.

Besides the Director and Mr. Juday, the following persons have been members of the regular parties which have carried on the field work of this investigation during the past two summers: Messrs. R. C. Benner, R. D. Hall, George Kemmerer, E. V. Hills, and M. E. Diemer.

D. *Fish*. The collection of material for a report on the fishes of the state, commenced in 1905, has been continued. The

greater part of the season of 1906 was spent in the counties bordering on Lake Michigan, and on this lake itself. A short trip was also made into Florence County, and another into the region around Minocqua. As a result of the experiences of this last trip, the entire season of 1907 was spent in and near Vilas County, and special attention was paid to the whitefishes and trout of this region. In consequence we now know definitely four Wisconsin Lakes which contain lake trout in large numbers: Trout Lake, Little Trout Lake, and Black Oak Lake, all in Vilas County; and Long Lake, in Forest County. The evidence seems convincing that in all four lakes the trout are native. A comparison of chemical and physical conditions of them, as worked out by the Survey, ought, therefore, to be of particular interest. During the winter of 1907-8 the collections of white fishes made were carefully worked over. One fact definitely established was the occurrence of the tullibee (*Argyrosomus tullibee*) in several lakes of the state. This species is an excellent food fish, and seems to thrive under quite varying conditions. It seems therefore a promising form for introduction into such waters as Lake Winnebago and Lake Pepin, where commercial fisheries are important. The successful introduction of a whitefish into Lake Pepin would be an achievement of very great importance. Otherwise our whitefish collections have proved rather puzzling. It is evident that we must secure large collections of well-preserved specimens from all Wisconsin lakes that contain whitefishes, before it is possible to decide what species occur, as the individual variations are so great.

Part of our collections of whitefishes was sent to the Bureau of Fisheries at Washington for comparison, but it proved as puzzling to them as it did to us.

The season of 1908 was started with work in the counties on the western side of the state, to be followed up by a collecting trip to the shores of Lake Superior.

During the field seasons of 1906 and 1907 this work was in charge of Mr. George Wagner, assisted by Mr. Charles T. Vorhies.

Two short papers have been prepared and published by Mr. Wagner as a result of this work: Dissolved Oxygen as a Factor in the Distribution of Fishes. Transactions Wisconsin Academy of Sciences, Arts and Letters, Vol. XVI, Pt. I, 1908. On

the Distribution of *Argyrosomus tullibee*. Presented at the meeting of the American Fisheries Society, Washington, September, 1908.

E. *Highways*. Shortly before the beginning of the period covered by this report Mr. Hotchkiss was appointed to take charge of economic geology, giving half his time to the Survey and half to the University. He took up the study of road conditions in the state and prepared a report on "Rural Highways of Wisconsin" which was very widely distributed. This report helped to stir up a great amount of public opinion in favor of better roads throughout the state. This aroused public opinion moved the legislature of 1907 to make a special appropriation for the economic work of the Survey. The bill as drawn provided for work on the water powers of the state, work in the lead and zinc district, and more particularly for work on country roads. Owing to the fact that the sum finally appropriated was less than the amount provided for in the bill as introduced it became necessary to diminish the work planned for the lead and zinc district, and on water powers.

Chapter 641 of the Laws of 1907 directs the Survey to carry on certain experimental and advisory work in relation to highways and bridges. In order to best carry out the provisions of this act the Highway Division was organized and Mr. Hotchkiss put in charge of the work with the title of Chief of Highway Division. Previous to the passage of this act Mr. Hotchkiss had been doing work in relation to highways and published in January 1907 a bulletin on "Rural Highways of Wisconsin" (Bull. XVIII Economic Series No. 11). The bulletin is outlined in my last Biennial Report.

In organizing the work of this division the services of Mr. Arthur R. Hirst were secured as Highway Engineer assistant, and later Mr. M. W. Torkelson was secured as bridge engineer assistant.

The act was interpreted to provide for educational work in helping the people of the state to avoid the waste which is so apparent in most of the road work being done at present. In describing the work of the highway division it will therefore be given under the three headings—Roads, Bridges and Educational.

Roads. The work on roads has been both advisory and demonstrational. In advising local authorities on how to get the best results for their money sixty-three localities in thirty dif-

ferent counties have been visited. These visits have only been made after an application was filed by the local authorities, and it has not been possible to visit all places applying.

In the demonstration work the highway division has taken actual charge of the construction of roads built with local funds in order to show the best methods to use. The division has been fortunate in securing the loan of steam road rollers and rock crushers from the manufacturers to use on the stone and gravel roads built under their supervision. During the season of 1908 they have at work three rollers and one rock crusher which are loaned by the makers. Such demonstration roads were built at the State Fair, and near the village of Hanover in 1907, and in 1908 the highway division has such roads either completed or under way near Baraboo, Lake Mills, Colfax, Kenosha, Tomah, three near Sparta, and several in Ashland county. Mr. H. J. Kuelling was appointed as temporary assistant for the summer of 1908.

Surveys have been made for laying out new roads or for cutting down hills in many places where the highway division has not been able to take charge of the construction.

This work, both the advisory and demonstrational parts, has resulted in a very noticeable improvement in methods of road construction in every place visited. The effort has been made to make all the steps in construction as plain and simple as possible, and to arouse the interest of the people in getting better results for their money.

Bridges. Very little bridge work was attempted until the calls upon the highway division became very insistent in the late months of 1907. Mr. E. E. Parker was employed as temporary assistant and made a number of trips to get local data necessary to make the designs and give the assistance called for. After a careful consideration of the question it was decided that much good could be accomplished by establishing standard designs and assisting local officials to get truly competitive bids. Under the system in vogue each bridge agent attending a letting usually had a plan of his own and the officers had no one who was not interested in selling them a bridge to give them advice. The plan evolved was to prepare standard plans and specifications and let the local officers use these as a basis on which to call for sealed bids. These, being all on the same plans and specifications, could

be easily compared and the cheapest one selected. In short, the plan was to apply standard engineering methods to the letting of country highway bridges.

Mr. M. W. Torkelson was secured by Mr. Hotchkiss for this work and later Mr. W. C. Buetow was appointed as his assistant. Mr. Torkelson has, with the assistant of Professor Turneure, Mr. Hotchkiss and Mr. Hirst, prepared a set of standard bridge specifications. He has also prepared standard plans for concrete culverts and bridges from 3 feet to 30 feet span, and standard plans for steel bridges of from 30 to 175 feet span. The series of plans is not complete as it has been impossible to make designs any faster than the new work demanded, so there are many gaps to be filled in as time permits.

In carrying on the bridge work 102 bridge sites in 33 counties have been inspected and surveyed and plans furnished. This work has been very much appreciated by local authorities and more applications have been received than it has been possible to fill.

Educational. In organizing the highway division Mr. Hotchkiss considered that the most important part of the work would be educational. The people of the state are wasting hundreds of thousands of dollars of road taxes yearly, and the most helpful thing that could be attempted would be to arouse a general interest in the subject and so get more value for the money expended. It was necessary to impress on them that they did not need to spend more money on roads so much as they needed to spend what they already had in an efficient manner.

In pursuing this end Mr. Hirst was instructed to prepare four brief pamphlets on the following subjects: No. 1, Earth Roads; No. 2, The Earth Road Drag; No. 3, Stone and Gravel Roads; No. 4, Culverts and Bridges. These pamphlets were very widely distributed and stirred up a great amount of interest. They were written in very plain simple style and have attracted much favorable comment from the engineering magazines. Requests have been received for them from every continent of the world except Europe, and good roads associations in other states have issued reprints of them. The pamphlets were distributed at all farmers' institutes held during the winter of 1907-8 and at numerous other gatherings. They were sent to all town chairmen and rural carriers, the Postmaster General furnishing the address of all carriers for this purpose. Many of the carriers and

other interested persons have asked for copies to distribute to aid them in their efforts to arouse local interest in better roads.

In carrying on this educational work Mr. Hotchkiss and Mr. Hirst have given talks at many gatherings. All the farmers' institutes, with a few unavoidable exceptions, were addressed and much interest manifested. Special Good Roads meetings organized by Town Officers, Postmasters, Business Men's Associations, County Boards, Editors, and others have been attended and practical talks given. Altogether 107 meetings aggregating nearly 20,000 people have been addressed. These meetings were distributed over 53 counties.

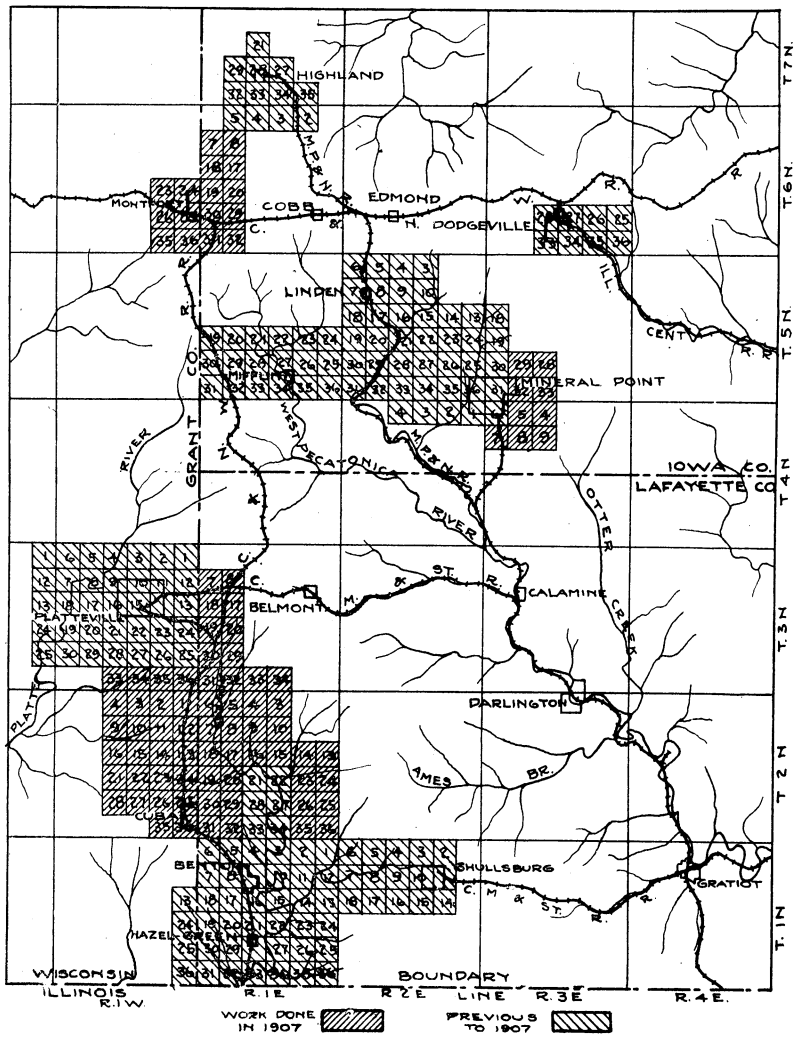
As a result of these meetings and the pamphlets distributed there are many split log drags in use in the state. Several individuals and associations (business men, fair boards, and others), have been influenced to offer prizes for the best roads built in their vicinity with the drag.

Altogether the work of the highway division has reached 272 localities and every county in the state but six. The work has not been limited by the demands made for assistance, as these demands have been more than the division has had time to meet; it has only been limited by the amount of money available for the purpose.

In addition to the regular work of the highway division Mr. Hotchkiss organized the State Good Roads Association of which he is secretary. This association has collected funds to aid in securing the passage of the constitutional amendment to permit this state to aid in building roads, under a system similar to that adopted in most of the other progressive states.

Mr. Hotchkiss has also given a free course in Road Building in connection with the correspondence department of the University. This course has been taken by about 150 officers in charge of road work in the various towns and villages.

F. Lead and Zinc District. When the money appropriated by chapter 641 of the Laws of 1907 became available Mr. Hotchkiss organized a field party to extend the work of the Survey over the new areas to which exploration had extended. In this work 94 square miles were mapped on a scale of 4 inches to the mile with 10-foot contours. The maps are in the engravers hands and will soon be ready for issue. They give the depth below surface of the important ore bearing formations, and also the surface features such as roads, railroads, houses, streams, mine



Map of Southwestern Wisconsin showing areas surveyed.

and drilling operations, property holders' names, and elevations of all hills. The areas covered are shown on the accompanying map. These areas were selected after consultation with Hon. J. W. Murphy and other prominent mining men, and are the ones most useful for the development of the district.

The field party after its organization was put in charge of Mr. Edward Steidtmann. Under him were four topographer-geologists, two level parties, and a cook, making a party of ten men. The party consisted of the following men:

- D. F. Higgins, Topographer and Geologist.
- C. E. Decker, Topographer and Geologist.
- F. F. Grout, Topographer and Geologist.
- Sidney H. Davis, Topographer and Geologist.
- Louis Davis, Levelman.
- H. A. Stecker, Levelman (part of season).
- Edward Stocker, Levelman (part of season).
- William Hinn, Rodman.
- E. O. Stiehm, Rodman.
- Geo. Stocker, Cook.

Mr. Stecker obtained a permanent position during the summer and Edward Stocker was secured in his place.

Two important features of this work are its accuracy and its cheapness. All the level lines which controlled the topography were run in closed circuits which the levelmen were obliged to close with a very small error. Bench marks were set every quarter mile on which the topographers were required to check their barometers at least every two hours, and at shorter intervals as convenient. The barometers were also checked frequently by hand level observations. This care has resulted in very accurate maps.

The cost of the work was \$27.50 per square mile. This includes both the field work and preparing the maps for the engraver in the drafting room. The low cost of this work can be appreciated when it is remembered that these maps are on a scale of 4 inches to the mile and show both topography (with 10 foot contours) and geology, and that it costs the U. S. Government about \$18 to map a square mile in a much more general way and on a scale of 1 inch to the mile showing no geology and the topography with 20 foot contours.

Uses of the Maps. These maps are of use in two ways in the development of the resources of the districts covered. They

show to the prospector that certain areas are not likely to award his efforts, and so save him money. They also show that other parts of the district are good areas to prospect and so encourage their development.

During the season of 1908 Mr. Hotchkiss has had Mr. G. H. Cox in the field keeping track of the advanced work and making a preliminary study of certain features of the geology in preparation for a complete report which he hopes to be able to begin later.

H. *Work of 1908; Peat.* During the summer of 1908 Mr. Hotchkiss has continued the peat work which was begun in 1903. Prof. Richter was given direct charge of the work and secured Mr. F. W. Huels to collect samples. The testing of these samples will be done under an informal plan of co-operation with the U. S. Geological Survey. It is planned to issue a report on the peat resources of the state at an early date.

General Geology of the State. The only general treatise on the geology of Wisconsin is in the reports of the former survey made in 1873-79. These reports are not generally available and in many cases are superseded by more recent work so there is need for a brief simple statement of what is already known of the geology of the state. Such a bulletin will be of great use as a reference book in high schools, and in general to all citizens who are interested in the resources of the state. Owing to this situation Mr. Hotchkiss has made plans for a bulletin of this character. It will contain chapters on the various phases of the geology of the state written by persons most familiar with each phase. The only part requiring any field work is that on Physical Geography and Mr. Lawrence Martin has put in the field season of 1908 doing field work in preparation for this.

IV. PUBLICATIONS.

At the time of the last biennial report four bulletins were in press and were issued during the year 1907. The complete titles of these bulletins are given in the list of publications at the close of this report.

- Bulletin No. XV. Economic Series No. 10. The Clays of Wisconsin and Their Uses. Heinrich Ries.
Bulletin No. XVI. Scientific Series No. 4. The Geology of North Central Wisconsin. Samuel Weidman.
Bulletin No. XVII. Scientific Series No. 5. The Abandoned Shore Lines of Eastern Wisconsin. J. W. Goldthwait.

Bulletin No. XVIII. Economic Series No. 11. Rural Highways of Wisconsin. William O. Hotchkiss.

During the year 1908 two bulletins were issued:

Bulletin No. XIX. Economic Series No. 12. Zinc and Lead Deposits of the Upper Mississippi Valley. H. Foster Bain.

Bulletin No. XX. Economic Series No. 13. The Water Powers of Wisconsin. Leonard S. Smith.

Bulletin No. XIX is a reprint of Bulletin No. 294 of the United States Geological Survey. A small edition only has been issued for local use and the bulletin has not been sent out to libraries. Bulletin No. XX has been described on a former page, under the head of *Water Powers*.

V. FUTURE WORK OF THE SURVEY.

The present year has seen a great advance in the forces working toward the conservation and utilization of the natural resources of the country. Very great aid was given to these forces by the recent conference of the governors of the several states, held at Washington, and, as a result of this conference, Wisconsin has appointed a Commission on the Conservation of Natural Resources, of which the Director of this Survey is a member. Much good will doubtless come from this Commission and large results may be expected from its work. But the State of Wisconsin is fortunate in that it appreciated a need for knowledge on the subject of natural resources long before there was a popular movement toward it. More than ten years ago the State established this Survey, by chapter 297 of the laws of 1897. The purposes of the Survey, as set forth in the law, were to collect and diffuse information about the natural resources of the state; animal, vegetable, and mineral. It was to consider the resources themselves; their extent; and the methods of preserving, utilizing and enlarging them. Ores, minerals, soils, forests, and fish are among the subjects committed to it by the statute. It is further charged with the duty of preparing an account of the physical geography and natural history of the state in such form as can be used in schools; and of completing, in connection with the United States Geological Survey, a topographical map of the state. Later statutes, besides imposing other specific duties, have committed to the Survey the subjects of the roads and water powers of the state.

Many of these topics have been treated by the Survey during the past decade. Its first bulletin was on the forest conditions in Northern Wisconsin, prepared by F. Roth in cooperation with the United States Department of Agriculture. Of the non-me-

tallic mineral resources of the state the building stones have been treated by Dr. Buckley (Bulletin No. IV), and two reports, by Dr. Buckley and Professor Ries, (Bulletins Nos. VII and XV) have been issued on the clays. Under the head of economic geology, reports have been issued on the copper-bearing rocks of Douglas County, by Professor Grant (Bulletin No. VI), and three reports on the lead and zinc deposits; two (Bulletins Nos. IX and XIV) by Professor Grant, and one (Bulletin No. XIX) by Dr. Bain, issued in cooperation with the United States Geological Survey. The Baraboo Iron-bearing district was treated by Dr. Weidman in Bulletin No. XIII. A report on the soils and agricultural conditions of North Central Wisconsin was issued (Bulletin No. XI) by Dr. Weidman, covering an area of some 7,200 square miles. Roads have been treated in two reports: one by Dr. Buckley (Bulletin No. X), dealing primarily with the city streets; and one by Mr. Hotchkiss (Bulletin No. XVIII), treating of the rural highways. Four road pamphlets have also been published by the Highway Division. A large part of the water powers of the state are treated in the report of Professor Smith (Bulletin No. XX), which has just been issued.

Thus of the twenty bulletins which the Survey has issued, thirteen have dealt directly with our present natural resources and the means of conserving and improving them. Part of the remainder have been reports which aim to complete the former geological survey of the state. Such are Weidman's report on Pre-Cambrian geology (Bulletin No. III), and especially his large report on the geology of North Central Wisconsin (Bulletin No. XVI). This covers the same area as the soil report, and includes a district which was studied only very superficially, or not at all, by the former Geological Survey, since the region was then unsettled. Another report of the same type is that of Dr. Goldthwait (Bulletin No. XVII) on the glacial geology of the shores of Lake Michigan.

The remaining bulletins have been papers on the physical geography and natural history of the state for the use of schools and the people. The first of these was Peckham's invaluable paper on the solitary wasps (Bulletin No. II), which was followed by Salisbury and Atwood's report on the geography of the Devil's Lake Region (Bulletin No. V) and by that of Fenneman on the lakes of Southeastern Wisconsin (Bulletin No. VIII). The last two named were especially adapted for use in the schools and

found so much favor that they are already out of print. The Survey has ready for the press a revised edition of Bulletin No. VIII.

Much still remains to be done in examining and reporting on those of our present natural resources which this Survey should investigate. Some of the more prominent matters may be mentioned.

1. *Water Powers.* The water powers of the state require much more study. Many of the larger rivers are still unsurveyed. Of these may be mentioned the St. Croix, the Upper Chippewa, the Upper Wisconsin, the Wolf, Oconto, Menomonee, White, Bad, Trempealeau, and the La Crosse Rivers. Those rivers which have been surveyed need much more study. Just at the present time there is a pressing demand from the national government and from the Commission on Conservation for information regarding the water powers. No such data are at hand as are necessary for the information asked. Knowledge of the water powers is required in a completeness and detail which can be supplied only by years of work devoted to stream surveys and gaugings. There can be no doubt that the knowledge thus sought is not only valuable but necessary; yet the Legislature of 1907, though it dealt liberally with the Survey, cut down the appropriation asked for to such a point that the river survey could not be continued. Many of the facts now asked for could have been given had the Legislature thought it wise to give money enough to permit the rapid carrying on of this branch of the Survey.

2. *Southwestern Wisconsin.* The lead and zinc district needs much more study. A glance at the map on page 25 shows that the Survey has made topographical and geological maps of the more important regions where mining is now carried on. These scattered areas should be connected, and a map of the entire district should be published. Several years of field work will be necessary to complete this. This work should be done in advance of exploration, to serve as a guide for the drill men in their search for ores, and not, as has been necessary in the past, allowed to wait until thousands of dollars have been spent in looking for ore in places where there was practically no chance of finding it. The Survey has been able to do very little thus far in the study of the ores and of their origin, and of the manner of their deposition. It cannot be doubted that such study would

lead to scientific results of much value, and also yield, as such work is sure to do, knowledge of great practical importance to prospectors, being helpful to them in developing new districts.

3. *Clays.* While the clays of the state have been explored and reported upon, there is still work which could be done very profitably upon this subject. The nature of our clays renders it improbable that Wisconsin will become a rival of Pennsylvania in the value of its clay products; yet there is no doubt that careful and detailed study would show improved methods of using our clays, and that the value of their products may be greatly increased. This work demands, not a new survey of the clays, but consecutive study of the methods of manufacture, and their relation to the clays; so that methods may be improved, and also that new and more valuable uses may be found for the clays.

4. *Soils.* A matter of even greater importance is that of the examination of the soils of the state, which is suggested on an earlier page, and which can well be carried on by the Survey in cooperation with the College of Agriculture of the University.

I have pointed out that, with the funds at our disposal at present, this work proceeds only very slowly, much more slowly than the interests of the State should permit. There should be such a sum devoted to this purpose as will allow the constant employment of two or three men. That portion of the State which is coming into agricultural use should first be examined. There is an immediate necessity, also, for the examination of that region which may be used as a forest reserve. It is a waste of our resources to employ for the purposes of forestry lands which are of greater value for agriculture, and it is equally unwise to attempt farm operations on lands which are unsuited for profitable use except as forests. When it is remembered that that are thousands of square miles of land coming under these two heads, it must be plain that such a survey cannot be too promptly undertaken or too vigorously pressed.

The extension of such a survey to the southern part of the State would serve different but equally important uses, in guiding the choice of crops, and suggesting the most profitable employment of the soils already occupied by farmers.

5. *Natural History.* The Survey ought to considerably extend its work on the animals of the State, especially on the fish. The latter work should be carried on, and, if possible, with a larger force, as so many important matters still await solution;

but it should also be possible to appoint an assistant who could give his whole time to the preparation of a report on the fish of the state, especially those of the inland waters, dealing with their nature, their distribution, their habits, and their food. This would require several years, but it is important, and fully justifies the time expended upon it.

6. *Educational Bulletins.* The preparation of educational bulletins is a branch of the work which the Survey was directed to undertake, but to which it has been able to devote but little money. Two or, perhaps three such bulletins have been issued, all of which have been very successful. Those on Devils Lake and on the lakes of the southeastern part of the State are now out of print, but the Survey has now in hand the manuscript for a second edition of the last named. Work has been started on a bulletin giving an account of the general geology of the State. This should be pushed to completion, and in addition the Survey ought to be able to extend its work so as to make a complete report upon the physical geography of Wisconsin. Few states of the Union, perhaps, offer larger opportunities for an instructive report on this subject, and the interests of education as well as of science would be greatly advanced by its preparation.

7. *Topography.* In my last biennial report I referred to the necessity of beginning work on the preparation of a topographical map of the state and shall make only brief reference to the matter at this place. The preparation of such a map is one of the duties committed to the Survey by the original law which created it; yet nothing has been done by the State in this direction, since pressing necessities of other branches of investigation gave them precedence. The United States Geological Survey has issued topographical maps covering the southern portion of the state, about as far north as Milwaukee, but this survey is no longer being extended, nor is there reason to believe that much will be done until the State is ready to cooperate with the National Government in the work. A topographical map is something whose necessity does not appear at once, nor does its need appear in any pressing form on any single occasion. In this respect it differs from such a survey as that of the lead and zinc district, where exploration is actively going on and maps are an imperative necessity. Yet the experience of the several states which have prepared a topographic map is that its manifold uses abundantly pay for its cost. Such a map forms a basis for all geological

work and is, as well, a necessity for studies leading to the conservation of soils and swamp lands and of streams and forests. In addition, it possesses great educational value. The preparation of a topographic map requires a good many years and it is all the more necessary that the work should be started at once.

8. *Roads.* I have left to the last one of the most important matters to which the Survey can direct its attention, and one to which it has devoted nearly one-half of its income in the past two years; that of roads. I believe that all will agree that the Survey has wisely expended the money which the last Legislature committed to it for roads, and that the interests of the State have been materially advanced by the expenditure of this comparatively small sum. Plans for the future cannot be definitely suggested at this time, before the vote is taken on the constitutional amendment permitting state aid to roads. I trust and believe that this amendment will be adopted, and that the roads of Wisconsin, whose condition is fundamental to so much of our prosperity, will, before many years, be placed in a condition worthy of so great and wealthy a State.

The Survey has been carefully considering what line of action should be followed by the State, both in the event of the passage of the amendment and in that of its rejection. It is obviously not advisable to submit alternative recommendations at present, but the Survey will be ready to counsel at the proper time with those who will determine the policy of the State.

Very respectfully submitted,

E. A. BIRGE,

Director.

APPENDIX.

FINANCIAL REPORT—FROM SECRETARY OF STATE—GEOLOGICAL SURVEY.

Disbursements, July 1, 1906 — June 30, 1907.

Grant, U. S., sal. and exp.....	\$30 00
Hall, E. B., sal. and exp.....	866 79
Weidman, S., sal. and exp.....	2,201 93
Birge, E. A., sal. and exp.....	567 69
Benner, R. C., sal. and exp.....	531 27
Hotchkiss, W. O., sal. and exp.....	1,212 61
Olson, Olga, services.....	83 35
Voorhis, C. T., exp.....	24 69
Wagner, George, sal. and exp.....	389 59
Juday, Chancey, sal. and exp.....	1,688 02
Lenher, Victor, services.....	288 80
Tollner, William, services.....	64 75
Sanford, F. G., services.....	220 00
Severin, H. H., exp.....	50 93
Smith, L. S., services.....	370 00
Lorenz, E. H. J., services and supplies.....	34 60
Neuman, J. J., exp.....	25 53
Spencer, Harold, services.....	82 58
Jessup, J. M., services and exp.....	69 45
Huntley, L. H., services.....	14 40
Moss, L. M., services.....	94 40
Cramton, B., services.....	11 38
Righter, Chester, services.....	3 65
Schmidt, R. A., services.....	18 00
Brown, P. V., services.....	7 87
Leute, Helena, services.....	10 05
Webster, Mrs. L. B., services.....	5 40
Grimm, J. J., services.....	7 00
Allen, Annabel, services.....	47 90
Buckley, E. K., services.....	15 00
Balsley, H. C., services.....	22 06
Hudson, W. D., services and exp.....	22 60
Steidtmann, Edward, exp.....	12 92
Fisher, A. A., exp.....	87 80
Whitall Tatum Co., supplies.....	47 64
Parsons Printing & Stationery Co., supplies.....	99 70
Birge, E. A., bills paid.....	626 34
Hotchkiss, W. O., supplies.....	5 50
Haak, Jr., William, supplies.....	24 68
Smithsonian Inst., exp.....	34 65
Sargent & Co., E. H., supplies.....	1 39
Eimer & Amend, supplies.....	8 20
Clark Engraving Co., cuts.....	4,176 12
Green, H. J., repairs.....	3 50
Harris, Samuel, supplies.....	5 38
Capital City Paper Co., supplies.....	11 25
Spencer Lens Co., supplies.....	21 00
American Express Co., expressage.....	441 89
U. S. Express Co., expressage.....	326 48
Democrat Printing Co., printing.....	3,407 75

University Co-operative Store, supplies.....	34 82	
Park & Saffle Co., rent of typewriter.....	4 00	
Cantwell Printing Co., printing.....	12 25	
Wolf, Kubly & Hirsig, supplies.....	15 00	
Hoen & Co., A., supplies.....	420 00	
Bien Co., Julius, supplies.....	157 50	
		\$19,083 05
Anderson, John, services.....	\$25 00	
Diestler, G. A., services.....	257 53	
Dugan, D. H., services.....	70 00	
Gross, G. E., services.....	22 50	
Post, F. F., services.....	22 50	
Reinking, V. H., services.....	47 07	
Smith, L. S., services.....	12 00	
		\$456 65

Disbursements, July 1, 1907—June 30, 1908.

Allen, Annabel, services.....	\$20 50
Birge, E. A., director, sal. and exp.....	1,358 87
Balsey, F. M., services.....	28 05
Brewer, James, services.....	36 74
Babcock, J. D., services.....	20 00
Cleland, H. F., services.....	420 75
Cunningham, J. W., services.....	30 60
Davis, S. H., services.....	122 94
Davis, L. S., services.....	114 59
Decker, C. E., services.....	205 92
Dillman, Elsie, services.....	15 83
Frankland, Edw., services.....	5 00
Grout, F. S., services.....	122 31
Grant, W. S., services.....	30 00
Gilman, E. D., services.....	95 30
Hotchkiss, W. O., geologist, sal. and exp.....	3,460 04
Hall, E. B., assistant, sal. and exp.....	1,334 09
Hinn, W. H., services.....	62 99
Harclerood, J. M., services.....	15 75
Higgins, D. F., Jr., services.....	425 54
Hagen, Annie, services.....	23 33
Hills, E. V., services.....	85 00
Hirst, A. R., assistant, sal. and exp.....	2,329 78
Hall, R. D., services.....	109 15
Halbert, C. A., services.....	3 60
Huschka, T. F., services.....	10 50
Juday, Chancey, assistant, sal. and exp.....	676 16
Jewett, N. L., services.....	34 50
Jessup, J. M., services.....	31 96
Kingeter, John, services.....	7 15
Kemmerer, Geo., services.....	139 57
Kuelling, H. J., assistant, sal. and exp.....	113 13
Lenher, Victor, services.....	51 00
Moreland, Jos., services.....	4 00
North, H. B., services.....	75 00
Plapp, J. D., services.....	4 00
Penn, W. C., services.....	38 50
Parker, E. E., services.....	103 63
Sanford, F. G., stenographer.....	310 00
Steidmann, Edw., sal. and exp.....	578 91
Stiehm, E. O., services.....	65 86
Smith, J. M., services.....	18 51
Stecker, H. A., services.....	61 05
Stocker, Geo., services.....	122 55
Stocker, Edw., services.....	43 60
Tollner, Wm., services.....	70 56
Torkelson, M. W., assistant, sal. and exp.....	709 48
Vorhies, C. T., services.....	72 00
Weidman, S., engineer, sal. and exp.....	2,430 88
Wagner, Geo., services.....	162 76
Wadsworth, M. H., services.....	22 60
Wells, W. C., stenographer.....	438 71
American Express Co., expressage.....	435 81
Allis-Chalmers Co., supplies.....	5 15
Abbott, E. P., supplies.....	29 25
Baker, A. R., supplies.....	38 50
Bausch & Lomb Optical Co., supplies.....	7 38
Clark Engraving Co., cuts.....	371 33
Cantwell Printing Co., supplies.....	55 25
Capital City Paper Co., supplies.....	21 23
Democrat Printing Co., printing.....	4,960 32
Dietzgen, Eugene, Co., supplies.....	121 22
Donohoo, Splinter & Co., supplies.....	68 93
Gurley, W. & L. E., supplies.....	72 26
Grimm's Book Bindery, supplies.....	8 34
Haak, Wm., Jr., supplies.....	20 10
Haswell Furniture Co., supplies.....	114 65
Johanns, H. J., supplies.....	143 93
King Folding Canvas Boat Co., supplies.....	33 15
Kny-Scherer Co., The, supplies.....	25 50
Lynch, Patrick, supplies.....	20 00
Madison Tent & Awning Co., supplies.....	69 10
Mandel Engraving Co., supplies.....	485 55
Madison P. O., postage.....	85 52
N. W. Lithographing Co., supplies.....	522 76

Nielson, E. C., supplies.....	24 00	
Parsons Printing & Stationery Co., supplies.....	190 40	
Ross, J. M., & Son, supplies.....	8 25	
Sargent, E. H., & Co., supplies.....	32 05	
Saffle, C. A., supplies.....	78 75	
Schmuder, Henry, supplies.....	13 11	
Sumner & Crampton, supplies.....	56 40	
Smith & Post Co., supplies.....	89 00	
Smithsonian Institution, exchanges.....	19 00	
Smyth, H. A., supplies.....	6 45	
Tomlinson, W. H., supplies.....	48 50	
Tyrrell, Jos., supplies.....	81 07	
United States Express Co., expressage.....	334 67	
University Co-operative Co., supplies.....	3 55	
Whitall Tatum Co., supplies.....	28 98	
Wilkinson & Knapp, supplies.....	13 05	
Webster, F. R., & Sons, supplies.....	36 52	
Wauwatosa Stone Co., supplies.....	21 00	
Yawkey-Crowley Lumber Co., supplies.....	22 98	
		\$25,636 60

STATUTES OF WISCONSIN RELATING TO THE GEOLOGICAL AND NATURAL HISTORY SURVEY.

CHAPTER 297, LAWS OF 1897.

An Act to provide for the investigation of the natural resources of the state of Wisconsin, and providing an appropriation therefor.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 1. There is hereby constituted a geological and natural history survey of the state of Wisconsin.

SECTION 2. This survey shall have for its object:

(1) The completion of the geological survey of the state, and especially the examination of the rocks, with reference to the occurrence of iron ores, building stones, and other valuable mineral products, and in reference to their value as material for road construction.

(2) A study of the soils of the state.

(3) A study of the plants of the state, and especially of the forests, with reference to their cultivation and preservation.

(4) A study of the animal life of the state, and especially the occurrence, distribution and production of fish in the lakes and streams of the state, and a study of foods and enemies of fish.

(5) The preparation of an account of the physical geography and natural history of the state, in such form as to serve as manuals for the public schools, and of special reports on subjects of economic importance, in such form as to be of direct service to the people.

(6) The completion of the topographic map of the state begun by the United States Geological Survey; but no money shall be expended for topography unless an equivalent amount be expended for this purpose in the state by the United States government.

SECTION 3. This survey shall be governed by a board of commissioners, consisting of the governor of the state, the state superintendent of public instruction, the president of the state university, the president of the commissioners of fisheries, and the president of the Wisconsin academy of sciences, arts, and letters. The commissioners shall meet within thirty days after the passage of this act, and organize as a commission and adopt by-laws for their government, not inconsistent with law, and shall meet at such time and places as they may prescribe. A majority shall be a quorum. They shall receive no compensation, but each shall be reimbursed his expenses actually and necessarily incurred in the performance of his official duties, out of such appropriation as may be made by the legislature. They shall choose from their number a president, secretary, and such other officers as their by-laws may prescribe; but no officer shall receive any compensation, except such as is herein provided for. The commissioners shall have general charge of the survey, and shall appoint a superintendent of the survey, and, on his nomination, such

assistants and employes as they may deem necessary. They shall fix the compensation of all persons employed in the survey, and may remove them at pleasure.

SECTION 4. It shall be the duty of the commissioners to prepare a report before the meeting of each legislature, showing the progress and condition of the survey, giving an account of money spent together with such other information as may be deemed necessary and useful. The superintendent shall transmit to the commissioners, from time to time, special reports, with necessary illustrations and maps, as these are completed. If approved by the commissioners, they shall be transmitted to the commissioners of public printing, who are authorized to have the reports published in a suitable manner, as independent reports, as bulletins of the state university, or in the transactions of the Wisconsin academy of sciences, arts, and letters, as the commissioners of the survey deem best. If published as independent reports, it shall be the duty of the commissioners of public printing to decide as to the number of copies in the edition of each particular report. Five copies of each report shall be delivered to each of the state officers, and to each member of the legislature. The number of copies provided by law for other public documents shall be furnished to the state historical society, the library of the state university, and other state institutions. The remainder of the independent reports shall be distributed, used in exchange, or sold by the commissioners of the survey, as the interest of the state and of science demands. All moneys obtained by the sale of the report shall revert to the state treasury, as a part of the general fund. Volumes obtained in exchange for the reports shall be added to the library of the Wisconsin academy of sciences, arts, and letters. The superintendent of public property shall furnish, upon the requisition of the president of the commissioners of the survey, such stationery and postage stamps as may be necessary for the use of the commissioners and the superintendent of the survey in official business.

SECTION 5. After material collected shall have served for the purposes of the survey, it shall be distributed to the state university, the colleges of state, the state normal schools, and the free high schools of the state, under the approval of the commissioners of the survey, in such a manner as to be of the greatest advantage to education in the state.

SECTION 6. There is hereby annually appropriated for two years to the commissioners of the geological and natural history survey, out of any money in the treasury not otherwise appropriated, the sum of \$5,000, the first appropriation to be paid in the current fiscal year.

SECTION 7. This act shall take effect and be in force from and after its passage and publication.

Approved April 22, 1897.

CHAPTER 163, LAWS OF 1899.

An Act to appropriate a sum of money for the further prosecution of the geological and natural history survey of the state.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 1. There is hereby appropriated for the further prosecution of the geological and natural history survey, out of any money in the treasury not otherwise appropriated, the sum of ten thousand dollars annually for the term of two years. This money shall be expended by the commissioners of said survey for the purpose of executing the duties assigned to them by chapter 297 of the laws of 1897.

SECTION 2. This act shall take effect and be in force from and after its passage and publication.

Approved April 12, 1899.

CHAPTER 375, LAWS OF 1901.

An Act to appropriate a sum of money for the further prosecution of the geological and natural history survey of the state.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 1. There is hereby appropriated for the further prosecution of the geological and natural history survey, out of any money in the treasury not otherwise appropriated, the sum of five thousand dollars annually. This money shall be expended by the commissioners of said survey for the purpose of executing the duties assigned to them by chapter 297 of the laws of 1897, and any other duties which may be assigned to them by the legislature.

SECTION 2. This act shall take effect and be in force from and after its passage and publication.

Approved May 13, 1901.

CHAPTER 176, LAWS OF 1903.

An Act to appropriate money for the further prosecution of the geological and natural history survey of the state.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

Appropriation of \$5,000 additional. SECTION 1. There is hereby appropriated for the further prosecution of the geological and natural history survey of the state, out of any moneys in the treasury not otherwise appropriated, the sum of five thousand dollars annually, in addition to the sum now appropriated by law. This money shall be expended by the commissioners of said survey for the purpose of executing the duties assigned to them by chapter 297 of the laws of 1897, and any other duties which may be assigned to them by the legislature, and especially for the investigation of the clays and clay industries and the completion of the survey of the lead region.

SECTION 2. This act shall take effect and be in force from and after its passage and publication.

Approved May 6, 1903.

CHAPTER 475, LAWS OF 1905.

An Act to provide for ascertaining the amount of available water power in this state and making an appropriation therefor.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

SECTION 1. The geological and natural history survey of the state of Wisconsin is directed to cause survey to be made of the water powers of the state for the purpose of ascertaining the amount of available water power in this state, developed and undeveloped, and the location of the same. Such work may be done in conjunction with the United States geological survey. Upon the completion of such survey a full report thereof shall be made to the governor for the use of the legislature. The sum of two thousand five hundred dollars or so much thereof as may be necessary is hereby appropriated out of any money in the treasury not otherwise appropriated, to defray the expense of such survey.

SECTION 2. This act shall take effect and be in force from and after its passage and publication.

Approved June 20, 1905.

CHAPTER 641, LAWS OF 1907.

An Act to create section 3921 of the statutes, assigning certain duties to the Wisconsin Geological and Natural History Survey, and making an appropriation therefor.

The people of the state of Wisconsin; represented in senate and assembly, do enact as follows:

SECTION 1. There is added to the statutes a new section to read:

SECTION 3921. 1. The Geological and Natural History Survey is directed to investigate and to carry on such experimental work in road building, different methods of construction, kinds of material, and systems of drainage as will enable it to determine upon the various methods of road construction best adapted to the various sections and soils of the state, the cost of the same and recommend standards for the construction of highways in the various sections of the state. It may be consulted by county, city, village or township officers having charge over highways and bridges, and shall when requested advise and give without charge information to such officers relative to the construction, repairing, alteration and maintenance of said highways and bridges.

2. Local road authorities are required to furnish the Geological and Natural History Survey data as to the mileage, cost, maintenance, condition and character of roads under their supervision, upon the written request of and on blank forms supplied by said Geological and Natural History Survey.

3. Said Geological and Natural History Survey is further directed to extend the survey of the lead and zinc region beginning with districts which are at present of greatest economic importance.

4. Said Geological and Natural History Survey is further directed to continue the survey of the water powers of the state. This last survey may be made in conjunction with the United States Geological Survey.

5. Upon completion of the work named, full reports shall be made to the governor for the use of the legislature. The sum of ten thousand dollars annually for two years is hereby appropriated to defray the expense of executing these duties or other duties assigned to the said survey by the legislature.

PUBLICATIONS

OF THE

Wisconsin Geological and Natural History Survey.

1. BULLETINS.

The publications of the Survey are issued as (1) bulletins, which are numbered consecutively, (2) road pamphlets, (3) biennial reports, and (4) hydrographic maps. These publications are independently paged and indexed, no attempt being made to group them in volumes.

1. BULLETINS.

The bulletins are issued in three series:

Scientific Series—The bulletins so designated consist of original contributions to the geology and natural history of the state, which are of scientific interest rather than of economic importance.

Economic Series.—This series includes those bulletins whose interest is chiefly practical and economic.

Educational Series.—The bulletins of this series are primarily designed for use by teachers and in the schools.

The following bulletins have been issued:

Bulletin No. I. Economic Series No. 1.

On the Forestry Conditions of Northern Wisconsin. Filibert Roth, Special Agent, United States Department of Agriculture. 1898. Pp. vi, 78; 1 map. *Out of print.*

Bulletin No. II. Scientific Series No. 1.

On the Instincts and Habits of the Solitary Wasps. George W. Peckham and Elizabeth G. Peckham. 1898. Pp. iv, 241; 14 plates, of which 2 are colored; 2 figures in the text. Sold at the price of \$1.50 in paper and \$2.00 bound.

Bulletin No. III. Scientific Series No. 2.

A Contribution to the Geology of the Pre-Cambrian Igneous Rocks of the Fox River Valley, Wisconsin. Samuel Weidman, Ph. D., Assistant Geologist, Wisconsin Geological and Natural History Survey. 1898. Pp. iv, 63; 10 plates; 13 figures in the text. *Out of print.*

Bulletin No. IV. Economic Series No. 2.

On the Building and Ornamental Stones of Wisconsin. Ernest Robertson Buckley, Ph. D., Assistant Geologist Wisconsin Geological and Natural History Survey. 1898. Pp. xxvi, 544; 69 plates, of which 7 are colored, and 1 map; 4 figures in the text. Sent on receipt of 30c.

Bulletin No. V. Educational Series No. 1.

The Geography of the Region About Devil's Lake and the Dalles of the Wisconsin, with some notes on its surface geology. Rollin D. Salisbury, A. M., Professor of Geographic Geology, University of Chicago, and Wallace W. Atwood, B. S., Assistant in Geology, University of Chicago. 1900. Pp. x, 151; 38 plates; 47 figures in the text. *Out of print.*

Bulletin No. VI. Economic Series No. 3. Second Edition.

Preliminary Report on the Copper-Bearing Rocks of Douglas county, and parts of Washburn and Bayfield Counties, Wisconsin. Ulysses Sherman Grant, Ph. D., Professor of Geology, Northwestern University. 1901. Pp. vi, 83; 13 plates. Sent on receipt of 10c.

Bulletin No. VII. Economic Series No. 4.

The Clays and Clay Industries of Wisconsin. Part I. Ernest Robertson Buckley, Ph. D., Geologist, Wisconsin Geological and Natural History Survey. 1901. Pp. xii, 304; 55 plates. Sent on receipt of 20c.

Bulletin No. VIII. Educational Series No. 2.

The Lakes of Southeastern Wisconsin. N. M. Fenneman, Ph. D., Professor of General and Geographic Geology, University of Wisconsin. 1902. Pp. xv, 178; 36 plates, 38 figures in the text. *Out of print.* A second edition is in press.

Bulletin No. IX. Economic Series No. 5.

Preliminary Report on the Lead and Zinc Deposits of Southwestern Wisconsin. Ulysses Sherman Grant, Ph. D., Professor of Geology, Northwestern University. 1903. Pp. viii, 103; 2 maps, 2 plates, 8 figures in the text. *Out of print.*

Bulletin No. X. Economic Series No. 6.

Highway Construction in Wisconsin. Ernest Robertson Buckley, Ph. D., State Geologist of Missouri, formerly Geologist, Wisconsin Geological and Natural History Survey. 1903. Pp. xvi, 339; 106 plates, including 26 maps of cities. Sent on receipt of 30 cents.

Bulletin No. XI. Economic Series No. 7. Second Edition.

Preliminary Report on the Soils and Agricultural Conditions of North-Central Wisconsin. Samuel Weidman, Ph. D., Geologist, Wisconsin Geological and Natural History Survey. 1903. Pp. viii, 67; 10 plates, including soil map. Second edition, 1908. Sent, paper bound, on receipt of 10 cents; cloth bound, 20 cents.

Bulletin No. XII. Scientific Series No. 3.

The Plankton of Lake Winnebago and Green Lake. C. Dwight Marsh, Ph. D., Professor of Biology, Ripon College. 1903. Pp. vi, 94; 22 plates. Sent, paper bound, on receipt of 10 cents.

Bulletin No. XIII. Economic Series No. 8.

The Baraboo Iron-bearing District of Wisconsin. Samuel Weidman, Ph. D., Geologist, Wisconsin Geological and Natural History Survey. 1904. Pp. x, 190; 23 plates, including geological map. Sent, paper bound, on receipt of 10 cents.

Bulletin No. XIV. Economic Series No. 9.

Report on Lead and Zinc Deposits of Wisconsin. Ulysses Sherman Grant, Ph. D., Professor of Geology, Northwestern University. 1906. Pp. ix, 100; 8 plates; 10 figures in the text; and an atlas containing 18 maps. Sent on receipt of 20 cents.

Bulletin No. XV. Economic Series No. 10.

The Clays of Wisconsin and Their Uses. Heinrich Ries, Ph. D., Assistant Professor of Economic Geology, Cornell University. 1906. Pp. xii, 259; 30 plates, including 2 maps; 7 figures in text. Sent on receipt of 18 cents.

Bulletin No. XVI. Scientific Series No. 4.

The Geology of North Central Wisconsin. Samuel Weidman, Ph. D., Geologist, Wisconsin Geological and Natural History Survey. Pp. xxxi, 697; 86 plates, including 2 maps; 38 figures in the text. 1907. Sent on receipt of 40 cents.

Bulletin No. XVII. Scientific Series No. 5.

The Abandoned Shore-lines of Eastern Wisconsin. J. W. Goldthwait, Ph. D., Assistant Professor of Geology, Northwestern University. Pp. x, 134; 38 plates; 37 figures in the text. 1907. Sent on receipt of 15 cents.

Bulletin No. XVIII. Economic Series No. 11.

Rural Highways of Wisconsin. W. O. Hotchkiss, B. S., Instructor in Geology, University of Wisconsin; in charge of Economic Geology, Wisconsin Geological and Natural History Survey. 1906. Pp. xiv, 135; 16 plates; 2 figures in the text. Sent on receipt of 10 cents.

Bulletin No. XIX. Economic Series No. 12.

Zinc and Lead Deposits of the Upper Mississippi Valley. H. Foster Bain, Director of State Geological Survey of Illinois. Washington, D. C. 1907. Pp. xii, 155; 9 plates, including 5 maps; 45 figures in the text. Sent on receipt of 6 cts.

This bulletin is a reprint of Bulletin No. 294 of the United States Geological Survey. *Only a small number of copies were reprinted for local use. It has not been sent out to libraries and exchanges.*

Bulletin No. XX. Economic Series No. 13.

The Water Powers of Wisconsin. L. S. Smith, C. E.; Engineer Wisconsin Geological and Natural History Survey; Engineer U. S. Geological Survey. Pp. xvi, 354; 54 plates; 17 figures in the text. 1908. Sent on receipt of 25 cents.

2. ROAD PAMPHLETS.

Road Pamphlet No. 1.

Earth Roads. Arthur R. Hirst, B. S., Highway Engineer, Wisconsin Geological and Natural History Survey. Pp. 26; 13 figures. Sent on receipt of 2c postage.

Road Pamphlet No. 2.

The Earth Road Drag. Arthur R. Hirst, B. S. Highway Engineer, Wisconsin Geological and Natural History Survey. Pp. 16; 4 figures. Sent on receipt of 2c postage.

Road Pamphlet No. 3.

Stone and Gravel Roads. Arthur R. Hirst, B. S. Highway Engineer, Wisconsin Geological and Natural History Survey. Pp. 27; 11 figures. Sent on receipt of 2c postage.

Road Pamphlet No. 4.

Culverts and Bridges. Arthur R. Hirst, B. S. Highway Engineer, Wisconsin Geological and Natural History Survey. Pp. 47; 16 figures. Sent on receipts of 2c postage.

2. BIENNIAL REPORTS.

The Survey has published six biennial reports, which relate to administrative affairs only and contain no scientific matter.

First Biennial Report of the Commissioners of the Geological and Natural History Survey. 1899. Pp. 31.

Second Biennial Report of the Commissioners of the Geological and Natural History Survey. 1901. Pp. 44.

Third Biennial Report of the Commissioners of the Geological and Natural History Survey. 1903. Pp. 35.

Fourth Biennial Report of the Commissioners of the Geological and Natural History Survey. 1904. Pp. 42.

Fifth Biennial Report of the Commissioners of the Geological and Natural History Survey. 1907. Pp. 45.

Sixth Biennial Report of the Commissioners of the Geological and Natural History Survey. 1909. Pp. 45.

4. HYDROGRAPHIC MAPS.

There have been prepared hydrographic maps of the principal lakes of southern and eastern Wisconsin. This work is in charge of L. S. Smith, C. E., Associate Professor of Topographic and Geodetic Engineering, University of Wisconsin.

The maps are as follows:

		Size of Plate. Inches.	Scale. Inches per mile.	Contour. Inter- val. feet.
No. 1.	Lake Geneva	17.5x10.8	2	10
No. 2.	Elkhart Lake	15.5x13.1	5	10
No. 3.	Lake Beulah	22.5x20.0	6	10
No. 4.	Oconomowoc-Waukesha Lakes	29.8x19.1	2	10
No. 5.	The Chain of Lakes, Waupaca	21.7x20.6	6	10
No. 6.	Delavan and Lauderdale Lakes	22.5x16.8	4	10
No. 7.	Green Lake	26.0x17.8	3.2	20
No. 8.	Lake Mendota	23.7x19.5	6	5
No. 9.	Big Cedar Lake	18.0x13.5	2.0	10
No. 10.	Lake Monona	17.6x17.3	4	5

In all of these maps the depth of the lakes is indicated by contour lines, and by tints in all except No. 1. They are sent on receipt of 10 cents each except Nos. 4 and 8, for which 15 cents are required. They may be had either mounted in a manilla cover, or unmounted.

All correspondence relating to the survey should be addressed to
 E. A. BIRGE, *Director*,
 Madison, Wis.