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Governor's message and accompanying documents. Volume I 1880

Madison, Wisconsin: David Atwood, 1880

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WISCONSIN STATE LIBRARY

STATE OF WISCONSIN.

GOVERNOR'S MESSAGE

AND

ACCOMPANYING DOCUMENTS.

1880.

VOLUME I.

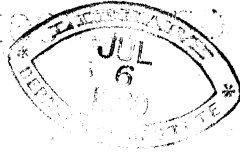
33d sess. Jan. 14, 1880

MADISON, WIS.:

DAVID ATWOOD, STATE PRINTER.

1880.

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WISCONSIN STATE LIBRARY

THIRD

ANNUAL MESSAGE

OF

WILLIAM E. SMITH,

GOVERNOR OF WISCONSIN.

DELIVERED TO THE LEGISLATURE IN JOINT CONVENTION,

THURSDAY, JANUARY 15, 1880.

MADISON, WIS.:

DAVID ATWOOD, STATE PRINTER.

1880.



GOVERNOR'S MESSAGE.

Fellow-citizens of the Senate and Assembly:

By the favor of Divine Providence you are permitted to convene in annual legislative session at this time, under most favorable circumstances. Although the people of Wisconsin suffered as little inconvenience, during the recent protracted depression in business, in the prosecution of their public and private affairs, as the people of any state, and less than in most of the states, and except in rare instances were entirely unacquainted with actual privation or suffering, yet none the less is it true, that progress and development were materially impeded and enterprise and enthusiasm well nigh exhausted. The past year, however, has witnessed many auspicious changes. Everywhere reviving industry betokens returned prosperity; hope has supplanted doubt, and despondency given way to cheerfulness. Labor and capital are once more in substantial accord, and never was a new year heralded with more encouraging promises.

It affords me much pleasure to be able to assure you that the affairs and condition of the state are equally satisfactory. It will appear from the various reports of officers and boards of management that economy has characterized public expenditures and faithfulness and efficiency been manifest in all the state departments, and institutions. Bespeaking for these reports, which are replete with valuable information, an early and careful perusal, I submit for your present consideration, in as brief space as possible, the more important particulars, commencing with the

PUBLIC FINANCES.

The receipts into the state treasury during the fiscal year ending September 30, 1879, from all sources, were.....	\$1,812,682 80
Balance September 30, 1878	403,288 29
Total.....	<u>\$2,215,971 09</u>

General Fund.

The disbursements during the same period, for all purposes, were	\$1,627,146 49
Balance September 30, 1879 ..	588,824 60
Total, as before	<u>\$2,215,971 09</u>

The amount on hand September 30, 1879, was credited to the several funds, as follows :

General fund	\$273,281 49
School fund	34,435 45
School fund income	19,229 61
Normal School fund	23,948 25
Drainage fund	5,049 76
University fund	5,812 60
Agricultural College fund	36,248 22
Delinquent tax fund	1,943 53
Deposit fund	7,540 20
St. Croix & Lake Superior R. R. trespass fund	172,774 71
St. Croix & Lake Superior R. R. deposit fund	7,564 60
Redemption fund	30 32
Allotment fund	965 87
Total	<u>\$588,824 60</u>

GENERAL FUND.

The receipts into the general fund during the fiscal year were.	\$1,249,338 02
Balance from previous year	79,055 98
	<u>\$1,328,394 00</u>

Of this sum there was derived from

Direct State tax	\$682,388 99
Railroad companies, license taxes	395,886 46
Insurance companies, fees and license taxes	45,772 76
Miscellaneous sources	125,289 81
	<u>\$1,328,394 00</u>

The disbursements from this fund have been, for

Interest on the public debt	\$157,560 00
School fund	7,088 36
High schools	25,000 00
State University	41,310 30
Salaries and other permanent appropriations	109,023 62
Legislative expenses	84,301 61
Benevolent and penal institutions	378,815 72
Miscellaneous purposes	252,012 90
Total	<u>\$1,055,112 51</u>

Trust Funds—Contingent Fund—Indebtedness.

The disbursements from this fund, which represent the actual expenses of the state, have been for several years past as follows:

In 1872	\$1,076,442 96	In 1876	\$1,137,788 65
In 1873	1,191,966 01	In 1877	1,204,900 40
In 1874	1,038,703 34	In 1878	1,047,796 23
In 1875	1,260,168 39	In 1879	1,055,112 51

TRUST FUNDS.

The condition of the several educational trust funds, at the close of the fiscal year, was as follows:

School fund, at interest	\$2,679,557 10	on hand,	\$34,435 45
University fund, at interest.....	219,079 01	on hand,	5,812 60
Agricultural College fund, at interest..	228,471 02	on hand,	36,248 23
Normal School fund, at interest.....	1,029,929 52	on hand,	23,948 25
Total, at interest.....	<u>\$4,157,036 65</u>	on hand,	<u>\$100,444 52</u>

The increase, during the year, in the amount at interest, is \$67,895.46, and the decrease in the amount on hand, \$12,852.02— a net increase of \$55,043.44.

CONTINGENT FUND.

January 1, 1879, the balance to the credit of the Governor's contingent fund was \$381.91. The appropriation to that fund last year was \$1000.00, and the expenditures therefrom \$392.10, leaving a balance to the credit of that fund at the beginning of the calendar year of \$989.81.

INDEBTEDNESS.

The aggregate indebtedness of the state remains as at the close of the last fiscal year, and consists of

War bonds outstanding.....	\$11,000 00
Certificates of indebtedness to trust funds.....	2,241,000 00
Currency certificates	57 00
Total.....	<u>\$2,252,057 00</u>

The indebtedness of the counties, cities, towns, villages and school districts in the state, amounts to \$10,115,898.19, according to the returns made to the Secretary of State. More than usual

ANNUAL MESSAGE OF THE

Assessments.

efforts have been made during the past year to secure accuracy in these returns, and it is believed they are essentially correct. The total public indebtedness of the people of Wisconsin is, therefore, \$12,367,955.19, or at the rate of about eight and one-half dollars per capita of estimated population, and three and one-third per cent. of the assessed valuation.

ASSESSMENTS.

The values of all property in the state subject to taxation as returned by the assessors for the past two years, are as follows :

Personal property in 1878.....	\$96,077,208 00	in 1879,	\$88,127,940 00
City and village lots, in 1878...	103,399,469 75	in 1879,	85,545,746 50
Other real estate, in 1878.....	255,863,904 57	in 1879,	232,629,498 50
Totals.....	<u>\$455,340,582 32</u>		<u>\$406,303,185 00</u>

This shows an apparent decrease in valuation of \$49,037,397.32, and is an indication of the zeal with which communities seek to avoid the payment of their just proportion of the public expenditures. It is evident that the value of taxable property in Wisconsin has not decreased since the assessment of 1878. Indeed, we all know that it has materially increased, and that the assessment ought to show it. I do not attribute the blame for these under-valuations solely to assessors. They cannot be expected to do otherwise than reflect the public sentiment. They are the agents and the servants of the people by whom they are elected. Nevertheless, it is much to be regretted that assessments cannot be obtained, as the law requires, upon the basis of actual value, and thus show the real ratio of taxation.

The question, also, as to the policy or right of the state to exempt any, except public, property from taxation, is being agitated in various sections of the state, and the arguments adduced in favor of making every class of property contribute equally to the support of the government which protects it, are worthy of your most considerate attention. I shall very cheerfully co-operate with you in any measure, looking to the correction of the evils incident to the present system of assessment.

Taxes.

TAXES.

The total taxes levied in the state for the year 1878, amounted to \$7,969,859.00, which is \$61,769.00 less than the total taxes for the previous year, and was at the rate of \$1.93 on each one hundred dollars of the state assessment for that year.

The purposes for which these taxes were levied, the respective amounts and rates, are as follows :

State tax.....	\$681,589	rate.....	. 165
County tax.....	1,770,481	rate.....	.43
Town tax....	2,428,997	rate.....	.58 7
School tax.....	1,998,742	rate.....	.48 4
Road tax.....	1,090,050	rate .....	.26 4

These figures, of course, represent only the direct taxes levied upon property. Quite large amounts were collected by the state, and cities, villages and towns, in addition thereto, by way of licenses and otherwise. What the total amount collected and disbursed for public purposes may have been, I am unable to state. The total state tax, direct and indirect, is represented by the payments into the general fund, and these amounted to \$1,120,837.81, in the fiscal year ending September 30, 1878, and to \$1,249,338.02 in the fiscal year ending September 30, 1879. The increase during the last fiscal year is very satisfactorily accounted for in the excess of cash on hand at its close.

In my last annual message, referring to the state tax then being collected, I said: "It is confidently expected that this tax will pay all the expenditures of the year 1879, and in addition, very materially reduce, if it does not entirely extinguish, the deficiency in the general fund which has appeared on each first day of January for several years last past." It gives me much pleasure to inform you that this expectation has been more than realized. January 1, 1878, the general fund was over-drawn \$146,488.87. January 1, 1879, it was over-drawn \$74,880.88. January 1, 1880, the surplus or balance on hand belonging to this fund was \$145,406.49.

The state tax now being collected is \$455,871.89, which is

Estimates — Education.

\$226,517.10 less than was apportioned for collection last year and more than twenty-three per cent. less than the least tax in many preceding years. I sincerely hope that this tax and the receipts from other sources, with the amount now to the credit of the general fund, may be found ample for all the ordinary disbursements of the present year, and to that end invite your most rigid scrutiny of all bills appropriating money.

ESTIMATES.

The Secretary of State estimates the expenditures for the calendar year 1880, will be \$968,305.54, and the receipts under existing laws, as follows :

Taxes	\$207,855 54
Railway companies	395,000 00
Insurance companies	45,000 00
Miscellaneous sources	29,600 00
Total	\$677,455 54

If your appropriations do not materially exceed the Secretary's estimates, a tax levy by this legislature of \$290,850.00 will be ample for all purposes.

It does not need, I think, that I should amplify the views heretofore expressed upon the subject of appropriations and public expenditures. It is neither prudent nor popular to withhold what is necessary. The people of Wisconsin are not stingy, nor do they expect their representatives to be niggardly in the management of public business. They realize that penuriousness does not constitute economy, and therefore will approve wise expenditures and account them profitable investments.

EDUCATION.

The report of the State Superintendent shows that the total amount of money expended for the support of the common schools of the state during the past year, was \$2,152,783.15, seventy-four per cent. of which was for teachers' wages; that 293,286 pupils attended these schools, and received instruction from 9,875 teachers in 5,626 school houses. The estimated value of

Education.

these school houses is \$4,319,445.81; of the sites upon which they are located, \$738,520.95, and of the apparatus they contain, \$157,012.30 — an aggregate investment for common school purposes of \$5,214,979.06. The total number of children over four and under twenty years of age, is reported at 484,353, with less than 3,000 of them in school districts maintaining schools less than five months in the year.

The expenditures for the four Normal Schools were \$72,708.07, of which \$57,498.40 were paid to instructors. The attendance during the year aggregated 1,803 different pupils.

The catalogue of the State University shows 481 different students in attendance during the year. The Board of Regents report \$70,558.18 paid out during the year for current expenses, of which \$40,206.77 were received by instructors.

These statistics are presented for your consideration, not by way of criticism or complaint, but with the hope that they will attract to the subject of education the attention which its importance demands. I believe our schools are improving from year to year, particularly the rural district schools, where the mass of our people receive their education, and that this improvement is due, in large measure, primarily to the zealous and intelligent labors of state and county superintendents, and the enthusiastic co-operation of the professional teachers who have graduated from our Normal Schools and State University, and the excellent colleges and other institutions of learning not in any way aided by the state. It is, therefore, a serious misapprehension to assume, as I fear many do, that the only justification and reason for expending the large sums of money necessary to equip and maintain our Normal Schools and University, are to be found in the direct and primary results of their labors in furnishing the opportunity and means of education to the pupils in attendance. These results, though in and of themselves by no means unimportant, are among the least of the benefits conferred by these institutions. Their full fruition is not seen without including the public schools, proper, and the good therein accomplished.

Industrial Schools.

The ordinary income of the University is derived from the interest upon the University and Agricultural College funds, amounting last year to \$30,344.23, and the proceeds of the one-tenth of a mill tax provided for in section 390 of the Revised Statutes, which was \$41,310.30. These sums appear to be adequate for all the present necessities of the institution, and if the present ratio of assessment is to continue, there is perhaps no necessity for any change in the law; but if it should be increased, as it ought to be to represent more nearly the actual value of taxable property, there would seem to be manifest propriety in changing the form of the appropriation from an indefinite to a fixed sum,— such sum, be it more or less, as the legitimate needs of the University may require.

INDUSTRIAL SCHOOLS.

The whole number of boys in attendance at the Industrial School for Boys, in Waukesha, during the last fiscal year, was 435, and the average attendance 425. The number admitted was 125, as against 151 last year, and the number discharged 113. The current expenses were \$42,866.72, or at the rate of \$100.86 per inmate, as against \$114.52 last year. The amount paid for salaries and wages was \$13,810.36, and for subsistence \$11,097.41. The sum of \$13,800.00 has been paid towards the erection of new buildings.

The managers ask for an appropriation of \$30,000, in addition to surplus and the sums to be received from counties, to meet the expenses of the current year.

Of the amounts heretofore appropriated for building purposes, there will remain, when the present buildings are completed and paid for, the sum of \$5,201.74, which the managers propose to expend in building a hospital and ice house. They claim that this sum represents in part the value of the labor of the boys in the erection of the buildings the past summer, and that it may therefore be legitimately expended in providing other needed structures.

Industrial Schools.

The epidemic which prevailed in that institution last summer attracted wide attention and elicited much discussion. It is easy to be wise after the fact. The health of the boys, and all connected with the school, had been for years exceptionally good, under circumstances and conditions, to all appearance, precisely similar to those existing when the disease broke out, and the managers are not censurable because they did not discover the indiscoverable. The total number of cases of typho-malarial fever, in a population of near 500, was 30, six of them terminating fatally. The promptness, vigor and skill with which the disease was handled after its breaking out, is creditable to the managers and the attending physician.

The managers of the Industrial School for Girls in Milwaukee are not required to report to the state, but do, in fact, favor me with a copy of their report when published. Not having received their report for the past year, I am unable to give you the details of their work. I have, however, visited their institution, and been much gratified and encouraged in witnessing the success of the labors of the philanthropic ladies who have its management in charge. I am persuaded that the advantages of this school are not sufficiently known or appreciated throughout the state. Magistrates and others, who are clothed with authority and with responsibilities in such matters, should see to it that girls who ought to be in that school are sent there, as they see to it that boys are sent to the school in Waukesha. Woman's influence and example, for evil, as well as for good, are far more potent than man's, and hence it is vitally important that girls whose surroundings or habits are leading them into the paths of shame, and sin, and crime, should be rescued — rescued not alone for themselves but for the public good.

The building and the site occupied by the Industrial School for Girls, are the property of the state. There is some necessary grading to be done upon and around the grounds, and something also should be done in the way of ornamentation, by planting trees, constructing walks and otherwise. The managers have no funds

Dependent Children — State Prison.

with which to do this work or means of securing them, except by voluntary benefactions, and all that can be secured in this way are needed to meet current expenses. I therefore recommend an appropriation to the managers to enable them to make these necessary improvements.

DEPENDENT CHILDREN.

I cannot forbear in this connection calling attention to the unsatisfactory provision made by the state for the care of dependent children who are simply poor and without homes. The authorities are by law wisely prohibited from sending them to the poorhouse, and with equal reason ought to be prohibited from sending them to the industrial schools. They ought not to be brought into association or contact with paupers or with children who are incorrigible or have begun criminal practices. Their true places are in the thousands of homes where they are needed and would be welcome, where they could confer as well as receive benefits. Institution life at best is but a poor substitute for home, and in the cases of these children should be only a halting place and distributing station. The more I reflect upon this subject the more positive become my convictions, that the next public enterprise to be undertaken in Wisconsin should be a school for dependent children, separate and distinct from the industrial schools.

STATE PRISON.

The number of convicts confined in the State Prison, September 30, 1879, was 309 — thirty-seven less than were there a year previous. The average number in confinement was 328 — nine less than the average for the preceding year. There were only 130 commitments during the year, as against 213 for the year ending September 30, 1878. It does not follow, however, that there has been a decrease in crime, as under the change in the law relating to larceny, many are now sentenced to county jails who were formerly sent to State Prison. I am very reluctant to recommend a return to the law as it was prior to the revision of the statutes, and yet it must be conceded that incarceration in the

State Prison.

average jail is not conducive to reformation of character. However unfortunate it may be for this class of offenders, it certainly is creditable to the state, that our criminal population is not numerous enough to justify the erection of an intermediate prison. A temporary and tentative solution of the problem may possibly be found in utilizing the north wing of the prison at Waupun as an intermediate prison, under some appropriate name other than State Prison. This would obviate the necessity of erecting new and expensive buildings and providing an extra corps of superintendents and officers, and measurably remove the odium attaching to sentence to State Prison.

Of the 130 convicts committed to the State Prison during the last fiscal year, only twenty had theretofore been in prison and but seventeen were without the rudiments of an education. The total cost to feed, warm, clothe, guard, instruct and discharge the prisoners was \$40,270.08, or \$2.36 each per week. The principal items of disbursements were, for salaries and wages \$15,535.75, and for subsistence, \$14,367.02. The total receipts from all sources were \$46,619.23, the disbursements \$47,183.24, and the cash balance at the close of the year was \$11,090.44. The expenses for the current fiscal year are estimated at \$42,825.00, of which the prisoners' earnings are not expected to pay to exceed three-fourths. It seems almost impossible to correct the false impression, that because the prison authorities do not ask for appropriations the prison has become self-supporting. The time is apparently not far distant when the accumulated capital will be exhausted, and moderate appropriations be required to meet deficiencies — and in justice to all concerned this fact should not be forgotten. It has been the aim of the directors and warden, first of all, to place the prison upon the highest ground as a reformatory, and this, from considerations of wise economy as well as utility. The great cost of crime is not in prison expenses, but in the expenditures looking to the protection of life and property, and the arrest, detention and conviction of criminals.

The directors renew their recommendations of last year in re-

Benevolent Institutions.

gard to the good time law and extra provision in extreme cases for discharged prisoners, and I commend these recommendations to your favorable consideration. I also renew the recommendations contained in my previous messages in regard to the substitution of indeterminate for fixed sentences.

BENEVOLENT INSTITUTIONS.

The trustees of the Wisconsin Soldiers' Orphans' Home have submitted their fourteenth annual report, and therein give a brief resume of the work done and the expenses incurred in the prosecution of this charity since the 31st day of March, 1866, when the Home was adopted by the state. Six hundred and eighty-three children have shared in the benefits of the Home, and the total cost to the state has been \$342,300. From the Ward and Smith fund, originally amounting to \$25,554.97, and its accumulations, there has been paid to former inmates of the Home the sum of \$18,716.99, and there remains on hand, in cash and bonds, the sum of \$15,552.77.

At the Northern Hospital for the Insane 757 patients have received treatment, of whom 65 were discharged recovered and 68 improved. The daily average of patients was 553. The total expenditures were \$132,452.62, of which \$21,985.56 were for additions, repairs and improvements, leaving as current expenses the sum of \$110,467.06, or at the rate of \$200 for each patient. The current expenses for the next hospital year are estimated at \$122,991.96, requiring an appropriation, in addition to other sources of revenue, of \$72,339.45. The superintendent and trustees think it expedient to construct a tunnel from Lake Winnebago to the hospital in order to secure an adequate and un failing supply of water, and not rely, as now, exclusively upon the artesian well, which may fail. The estimated cost of the improvement is \$15,000.00. They also ask appropriations for a steam fire engine, \$5,000.00, and sundry other purposes \$3,500.00.

The Wisconsin State Hospital for the Insane has given treatment to 607 patients during the year, and reports 37 discharged

Benevolent Institutions.

cured, and 35 discharged improved. The average number under treatment was 425, and the total expenditures were \$135,555.82, of which \$30,951.83 were for additions, repairs and improvements, by which, among other points gained, the capacity of the hospital has been increased to accommodate 180 additional patients. Some of these additions had not been authorized by the Legislature, but it was practicable to secure so much additional room for such comparatively trifling expense, altogether unprecedented in the history of hospital construction, that the trustees ventured to anticipate your approval of the necessary expenditures therefor. The current expenses at this hospital were \$104,603.99 — an average of \$246.12 for each patient. The current expenses for the next hospital year are estimated at \$121,550.00, to meet which, in addition to other revenues, \$79,657.00 must be appropriated. The increase in the number of patients beyond the number estimated for, will occasion a deficiency in the funds before the close of the hospital year. To meet this deficiency and for other purposes, additional appropriations, aggregating \$55,166.00, are requested. I do not clearly understand, from the report of the board, their method of arriving at this sum, but you will be able to determine the amount required for actual necessities by ascertaining the condition of their treasury at the present time, and the probable demands upon it for the current year.

The building for the Milwaukee County Insane Asylum is nearly ready for occupancy, and will, I hope, answer the expectations of the people in relieving the State Hospital, so that there need not be for some years to come any complaint that the insane of Wisconsin are not amply provided for.

The sum to be paid by the state towards the erection of this asylum has not yet been definitely ascertained, but it is estimated that it will amount to about \$70,000.

At the Institution for the Education of the Blind, 90 pupils were in attendance. The total expenditures were \$20,051.80, of which \$18,653.84 were for current expenses, the average per scholar being \$207.26. The estimates for the present year are

Benevolent Institutions.

\$18,000 for current expenses, and \$1,200 for special improvements. The cost of salaries and wages was \$6,420.57, and of subsistence, \$4,385.87.

At the Institution for the Education of the Deaf and Dumb, 187 names were upon the register at the close of the fiscal year, with an actual attendance of 122, several of the younger children having been returned to their homes after the fire. The total disbursements were \$30,318.50, of which \$1,210.66 were for permanent improvements and replacing articles lost in the fire. The cost of salaries and wages was \$12,363.62, and of subsistence, \$6,266.36. The current expenses for the present year are estimated at \$32,000.

Experiments are being conducted at this institution in the articulate system of teaching, with most satisfactory results. Nearly one-third of the pupils have received instruction in the use of the voice, and the progress made encourages the trustees to continue the system.

It is known to all that the main building, erected by the state for the accommodation of this institution, was totally consumed by fire, September 16, 1879. Fortunately the only loss was in the destruction of property and the temporary inconvenience to the school. Immediately upon hearing of this disaster, I went to Delavan, and there met the full Board of Trustees. The citizens of Delavan generously opened their houses to the homeless teachers and pupils, and their hospitality was accepted for a time for the girls and some of their teachers—the boys finding quarters in the gymnasium and other buildings not burned. Most of the furniture, clothing of pupils, and school room appliances had been saved, and it therefore became practicable, at very moderate expense, to fit up the buildings, not destroyed, for temporary use, and keep the school in progress. With my full approbation this course was determined on, and in fact the regular lessons were omitted but for one day. An early special appropriation should be made to meet the expenses incurred in the prosecution of this work.

Benevolent Institutions.

I have no special recommendations to submit in regard to the future of this institution. I assume that the state of Wisconsin will continue to provide ample accommodations and appliances for the education of its deaf and dumb. The building or buildings should be planned with reference solely to the uses for which they are intended, and then they will be symmetrical and in good taste. It does not need that they should be surmounted by domes or spires or towers, or that the accommodations for teachers or pupils should be palatial in any respect. The plans and estimates should receive your careful attention and scrutiny.

Pending the erection of buildings for this institution, I would recommend that such of the deaf and dumb children in the state as cannot be accommodated at Delavan, should be furnished instruction and maintenance at the Phonological Institute in Milwaukee, at the expense of the state. This will furnish instruction to those who need it, render much needed assistance to one of the youngest and most promising of our private charities, and give an opportunity to test the respective merits of the two systems of instruction, the one confined exclusively to the articulate method, and the other combining both the sign and articulate methods.

As in preceding years, I have visited all the state institutions during the year, and most of them more than once. The more familiar I become with the workings of each, the greater is my interest in its special mission, and the more I am convinced that the management of each is efficient and faithful. I do not presume to judge of every detail of administration, nor to inquire into all the reasons for appointments and discharges. Boards of management and control are clothed with important responsibilities, and of necessity must be accorded a correspondingly liberal discretion in the choice of ways and means, and subordinates. Unquestionably, it is the duty of the Governor to exercise such a degree of supervision as may be necessary to prevent mal-administration; but further than that he cannot be expected to go. Some complaints in this direction have reached me during the past year, and in every such case I have deemed it my duty to make, or

State Board of Health and Vital Statistics.

cause inquiry to be made; have sometimes advised with the local board; and, had occasion required, should have used the discretionary authority confided to the Governor for that purpose.

I have every reason to believe that the educational and charitable institutions in the state, under private management and supported by private benefactions, are in all ways meeting the just expectation of their founders and promoters. They supplement and complete the work which the state can do only in part. There ought to be, and I believe there is, cordial co-operation between them and the state institutions.

The labors of the

STATE BOARD OF CHARITIES AND REFORM,

During the past year, as in those preceding it, have been more onerous than pleasant, and, as frequently happens to public servants, the good that they do is not so much talked about as the evil that may escape their notice. In addition to their customary duties, they were required by my order to investigate into the management of the House of Correction of Milwaukee county. The details and results of that investigation have been widely published in the public press and I forbear to repeat them here. I heartily concur in the recommendation of the board, that the law authorizing the confinement of prisoners in that institution for offenses which in other counties would be punished by confinement in the state prison, should be repealed.

You will find the general report of the Board an interesting and comprehensive document, well worthy your most studious perusal.

THE STATE BOARD OF HEALTH AND VITAL STATISTICS

have been active and untiring in the discharge of the duties confided to them, and are entitled to the gratitude of the people for the good they are accomplishing. I especially commend to your attention that portion of their report which treats of illuminating oils. Numerous accidents have occurred in Wisconsin during the past year, in consequence of using inferior oil. The law should be amended

Geological Survey — Fish Culture.

so as to prohibit the sale of any oil of fire test below the point of practical safety as determined by experts.

GEOLOGICAL SURVEY.

By the terms of the law, the 31st day of March last was designated as the date for the completion of the geological survey of the state, but the functions of the chief geologist were continued for the purpose of completing the publication of the report, and the payment of a fair compensation therefor authorized.

The report of this officer shows that Volume III is in the hands of the bookbinder, and that about half of the material for Volume IV is in stereotype plates. Volume I, which, by the terms of the law, must embrace a summary of the general geology and the leading facts and principles relating to the material interests of the state, and be so arranged as to constitute a key to the more perfect understanding of the whole report, must necessarily await the completion of the other volumes. The manuscript for this volume is, however, in part prepared, and the present year may witness the final summing up of this work.

The expenses of the survey from October 1, 1878, to March 31, 1879, the date of the cessation of all fixed salaries, were \$5,000. Since that date there has been paid the sum of \$958.85.

FISH CULTURE.

The report of the Commissioners of Fisheries is made direct to the Legislature. The report for the past year, prepared by the secretary, will be found unusually full and interesting, and, I trust, satisfactory. Our efforts in restocking lakes and rivers with the kinds of fish best adapted to them, have been eminently successful, and the experimental stage of the enterprise has been safely passed. It only remains for the Legislature to determine from year to year how much shall be done, and the results can be predicted with as much certainty as in in any other branch of industry. The expenditures for the last calendar year were \$5,305.95, the amount on hand for the present year is \$5,731.90, and an appropriation of \$5,000 is requested for next year.

Railroads — River Improvement.

RAILROADS.

From the report of the Railroad Commissioner, it appears that 89.90 miles of new railroad have been completed in Wisconsin during the past year, making the aggregate number of miles now in operation 2,923.40, inclusive of 107.47 miles of narrow gauge track. The total number of miles of road operated by the companies reporting to the commissioner is 4,765.03. The cost of these roads and their equipments, as represented by capital stock and outstanding bonds, is \$205,185,806.88, and the net earnings are reported at \$12,691,006.90, being an average of 6.2 per cent. on the assumed cost. The total number of passengers carried on all the lines was 5,336,688, and the freight carried amounted to 7,997,399 tons. The number of personal casualties in Wisconsin was 133, as against 196 the previous year. On the entire lines of these roads, in all the states, there were 284 casualties. The number of passengers killed was two, neither of them in this state, and the number injured was eight. It seems almost incredible that of the whole number of passengers carried only ten were injured; and this fact reflects the highest credit not only upon the care and vigilance of the managers and superintendents, but also upon the skill and fidelity of the thousands of mechanics and workmen in the shops and along the line, and upon the conductors and engineers, and their assistants, who run the trains.

RIVER IMPROVEMENT.

During the past year, two important delegate conventions have been held, one at Quincy and the other at Louisville, to consider the important subjects connected with the improvement of the navigation of the Mississippi river and its tributaries. It is of vital importance to the northwest that these natural highways should be protected from unnecessary obstructions, and their capacity increased to the utmost attainable limit. To accomplish this, it is necessary that some comprehensive general system of improvement should be devised and then pressed upon the attention of congress, to the exclusion of local clamor or prejudice.

Public Lands.

The conventions referred to were attended by practical men, interested in the matters under consideration, and their conclusions and recommendations should be not without influence with congress and the people, in arresting the pernicious practices which have hitherto obtained.

It has become quite the habit recently to refer to the improvement of the Fox and Wisconsin rivers in any but complimentary and assuring terms. Nevertheless, the work progresses and will be completed. Despite all claims and assertions to the contrary, the experiments by Government engineers in charge, have demonstrated that it is practicable so to guide and control the waters of the Wisconsin that they shall dredge a navigable channel from Portage to the Mississippi. The United States has undertaken this work ; the Chief of Engineers has been instructed by Congress to prepare and submit final plans and estimates, and under his direction a board of engineers has made a careful survey and filed their report, which will soon be published. Congress should be urged by this Legislature and by the people, to go on with the work more vigorously than ever before, by placing money enough at the disposal of the engineer in charge to complete it without delay.

PUBLIC LANDS.

The report of the Commissioners of Public Lands for the last year has been prepared with exceptional care. All the books have been carefully reviewed, and tabulations made showing the exact condition of the trust funds and the public lands.

The number of acres of land held by the state September 30, 1878, was reported at.....	1,538,835.07
Increase by forfeiture during the year	24,051.88
Increase by error in former reports.....	27,550.50
Increase from school land indemnity.....	37,039.09
	<hr/>
	1,627,516.54
Decrease by sales during the year.....	53,837.21
	<hr/>
Held by the state September 30, 1879.....	1,574,689.33
	<hr/> <hr/>

Militia.

The total expense of securing the 37,039.09 acres of indemnity school lands was \$677.87, of which \$492.00 was paid as fees to the registers and receivers of United States Land offices.

Encouraged by the success of the methods adopted in the prosecution of the claim for indemnity for deficiencies in school lands, I determined, with the advice and co-operation of the Commissioners of the Public Lands, to adopt similar methods in presenting the claim of the state for deficiencies in swamp lands. These methods were, in brief, to obtain accurate information in regard to the extent and merits of the claim, and then present it, and the evidence to sustain it, in such plain and concise manner that others may understand it. The preliminary work, now about complete, has required much extra labor from the clerks in the Land Department, which it is due to them to say has been most cheerfully rendered.

MILITIA.

I esteem it a great misfortune that the Legislature of Wisconsin has not hitherto addressed itself to the serious consideration of measures for the proper organization and equipment of the state militia. We cannot hope always to escape disorders and tumults similar to those which have arisen in other states and nations. It is therefore neither prudent nor economical to postpone from year to year such preparations as the experience of others has shown to be indispensable for the discipline and instruction of that branch of the service upon which we must rely to suppress such tumults, as may arise any day, too formidable to be controlled by the civil authorities.

At the present time the organized militia of the state, known as the Wisconsin National Guard, numbers twenty-six companies, and has an aggregate of 1,810 officers, non-commissioned officers, and privates. The total expenditures during the year on account of the National Guard, were \$9,442.86.

Renewing my former recommendations that provision be made for regimental and battalion organizations and annual encampments, I submit the matter to your consideration, and such action

Interest — Agriculture.

as you may deem for the best interests and welfare of the state.

INTEREST.

There is no subject likely to come before you for consideration during the present session upon which a greater divergence of opinion is entertained, than upon the subject of the proper rate of interest to be permitted by law upon the loan or forbearance of money. It is urged that the present law, under present circumstances, is prejudicial as well to those who would lend as to those who must borrow money; that large amounts of capital are withheld from investment waiting for higher rates of interest, and that many enterprises are thereby crippled. I commend this subject to your mature consideration, trusting that you will be able to agree upon a measure which, while just to all concerned, shall also liberate capital, encourage industry, and afford to all classes of citizens the protection they have the right to expect from the law.

AGRICULTURE.

I much regret that the statistics of agriculture returned to the Secretary of State, are so incomplete and unreliable as to be practically worthless. It is well, perhaps, to continue the law and try to educate assessors to comprehend and comply with its terms but until greater accuracy is secured, it is unsafe to rely upon the statistics thus obtained, or attempt to institute comparisons. It can be said, in general terms, that the agricultural interests of Wisconsin were never more prosperous, nor agriculturists, as a class, more heartily in accord with the progressive tendencies of the age. Indeed, all industries seem to thrive in Wisconsin, and should receive encouragement, but agriculture so largely predominates as to demand special recognition, and therefore appropriations to the State and Northern Agricultural Societies might be supplemented by limited aid to the Horticultural Society and Dairymen's Association. All these societies have been most serviceable agents in leading Wisconsin to its present enviable position in the various departments of agriculture, and it is certain

Conclusion.

that the aid heretofore extended to them has been returned many hundred fold.

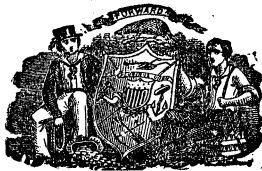
CONCLUSION.

Every year brings to us new proofs of the vigor and elasticity of our republican form of government, and of the wisdom and the courage of a republican people. In the school of experience, parties and men are learning that compromises with error are fatal, and that only the right is expedient. There is much to encourage us, therefore, in the belief, not only that the people of Maine will speedily cause right and justice to prevail there, but also, that in the broader domain of the nation, the time is not far distant when right and justice will everywhere and in all things prevail, and national supremacy insure domestic tranquillity, promote the general welfare and secure the blessings of liberty to ourselves and our posterity.

WILLIAM E. SMITH.

MADISON, *January 15, 1880.*

ANNUAL REPORTS
OF THE
SECRETARY OF STATE
AND
COMMISSIONERS OF PUBLIC PRINTING
OF THE
STATE OF WISCONSIN,
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:
DAVID ATWOOD, STATE PRINTER.
1879.

PREFACE.

The statutes prescribing the matter and form of the Secretary of State's Annual Report, require the Secretary :

First. As Auditor, to exhibit and deposit with the Governor, within ten days after the thirtieth day of September, in each year, a complete statement of the funds of the State, of its revenues and of the public expenditures during the preceding year, with a detailed estimate of expenditures to be defrayed from the Treasury for the ensuing year, specifying each object of expenditure, and distinguishing such as are provided by permanent or temporary appropriations, and such as are required to be provided for by law, and showing the means from which such expenditures are to be defrayed.

Second. As Secretary, to report in connection with his report as Auditor, any matters pertaining to his office as Secretary, not embraced in such report as Auditor.

Third. To cause to be printed annually by the State Printer, three thousand copies of said report, the same to be distributed in the manner provided by law.

Section 335 of the Revised Statutes requires the Commissioners of Public Printing to make an annual report to the Governor, wherein they shall set forth the cost of the public printing during the preceding fiscal year, with their recommendations as to any retrenchment that can be made therein. For purposes of economy, and in accordance with precedent, the Commissioners' report is here bound with the report of the Secretary of State.



STATE OF WISCONSIN.

REPORT

OF THE

SECRETARY OF STATE.

OFFICE OF THE SECRETARY OF STATE,

MADISON, Wis., October 10, 1879.

To His Excellency, WILLIAM E. SMITH,

Governor of the State of Wisconsin:

Sir: In compliance with the law defining the duties of Secretary of State, I have the honor to present the thirty-second annual report of the business of this Department, showing a complete statement of the funds of the State, of its revenues, and of the public expenditures during the fiscal year ending on the 30th ultimo, with a detailed estimate of expenditures to be defrayed from the Treasury for the ensuing year, and such abstracts, tables of statistics and other matters, as are authorized by law and deemed of general interest.

The several Funds of the State, separate accounts of which are kept, are as follows: I., the General Fund; II., the School Fund; III., the School Fund Income; IV., the University Fund; V., the University Fund Income; VI., the Agricultural College Fund; VII., the Agricultural College Fund Income; VIII., the Normal School

General Statement.

Fund; IX., the Normal School Fund Income; X., the Drainage Fund; XI., the Delinquent Tax Fund; XII., the Deposit Fund; XIII., the St. Croix & Lake Superior Railroad Trespass Fund; XIV., the St. Croix & Lake Superior Railroad Deposit Fund; XV., the North Wisconsin Railroad Aid Fund; XVI., the Green Bay & Minnesota Railroad Aid Fund; XVII., the Sturgeon Bay & Lake Michigan Canal Fund; XVIII., the Redemption Fund; and XIX., the Allotment Fund. Their description and history will be found under the proper heads in the body of the Report.

GENERAL STATEMENT.

The aggregated result of the year's financial transactions in all these funds is as follows:

RECEIPTS.

General Fund.....	\$1,249,338 02
School Fund.....	89,585 10
School Fund Income.....	188,702 98
University Fund.....	11,976 00
University Fund Income.....	66,750 97
Agricultural College Fund.....	24,409 29
Agricultural College Fund Income.....	16,199 29
Normal School Fund.....	43,407 37
Normal School Fund Income.....	81,588 32
Drainage Fund.....	11,408 30
Delinquent Tax Fund.....	16,710 29
Deposit Fund.....	121 65
St. C. & L. S. R. R. Trespass Fund.....	8,481 08
Green Bay & Minnesota R. R. Aid Fund.....	3,600 00
Redemption Fund.....	404 14
	<hr/>
	\$1,812,682 80

DISBURSEMENTS.

General Fund.....	\$1,055,112 51
School Fund.....	113,973 35
School Fund Income.....	182,605 27
University Fund.....	15,006 43
University Fund Income.....	66,750 97
Agricultural College Fund.....	500 00
Agricultural College Fund Income.....	16,199 29
Normal School Fund.....	52,750 00
Normal School Fund Income.....	81,588 32
Drainage Fund.....	12,010 09
Delinquent Tax Fund.....	17,986 22
Deposit Fund.....	864 21
St. C. & L. S. R. R. Trespass Fund.....	5,471 10

General Fund.

St. C. & L. S. R. R. Deposit Fund.....		\$700 00
North Wisconsin R. R. Aid Fund.....		1,907 86
Green Bay & Minnesota R. R. Aid Fund.....		3,637 97
Sturgeon Bay & Lake Michigan Canal Fund..		209 08
Redemption Fund		373 82
	<u>\$1,812,682 80</u>	<u>\$1,627,146 49</u>
Balance September 30, 1878.....	403,288 29	
Balance September 30, 1879.....		588,824 60
	<u>\$2,215,971 09</u>	<u>\$2,215,971 09</u>

GENERAL FUND.

This Fund embraces all the revenues of the State, applicable to the payment of the ordinary expenses of the State Government.

The sources from which it is derived are the annual state tax, tax on civil actions, license of railroad companies, plankroad companies, telegraph companies, insurance companies, and hawkers and peddlers, notary public fees, office fees and sales of laws and reports. The expenditures therefrom are authorized by permanent and temporary appropriations, and by the several laws requiring the Secretary of State to audit accounts. A detailed statement of the transactions in this Fund will be found in Appendix "A."

The receipts and disbursements have been as follows:

RECEIPTS.

1. FROM COUNTIES.

Support of inmates of Charitable Institutions..	\$94,794 66	
Annual levy of State Tax.....	682,388 99	
State Tax on Civil actions....	6,210 11	
	<u>783,393 76</u>	\$783,393 76

2. FROM CORPORATIONS.

Railroad Companies, license.....	\$395,886 46	
Plankroad Companies, license.....	96 80	
Telegraph Companies, license.....	2,619 00	
Fire Insurance Companies, license.....	33,992 03	
Life Insurance Companies, license.....	11,780 73	
	<u>444,375 02</u>	\$444,375 02

General Fund.

3. FROM SUNDRY SOURCES.

Hawkers and Peddlers, license.....	\$6,818 72	
Miscellaneous	14,750 52	
		<u>\$21,569 24</u>
Total receipts.....		<u>\$1,249,333 03</u>

DISBURSEMENTS.

1. FOR SALARIES AND PERMANENT APPROPRIATIONS.

Governor's office.....	\$7,600 00	
Secretary's office.....	7,000 00	
Treasurer's office	7,000 00	
Attorney General's office	5,000 00	
State Superintendent's office	5,650 00	
Railroad Commissioner's office	4,918 80	
Superintendent of Public Property's office	1,999 99	
Supreme Court	30,258 75	
Circuit courts.....	36,000 00	
State Library	3,824 44	
State Historical Society.....	8,520 00	
School Fund Income.....	7,088 36	
State University	41,310 30	
State Board of Charities and Reform.....	2,549 65	
Land Protection	4,661 01	
State Board of Health.....	4,040 98	
Fish Commission	5,000 00	
Interest on State indebtedness	157,560 00	
		<u>\$339,982 28</u>

2. FOR LEGISLATIVE EXPENSES.

Senate — salaries.....	\$11,550 00	
mileage	879 40	
employees.....	8,385 65	
		<u>\$20,815 05</u>
Assembly — salaries.....	\$35,000 00	
mileage.....	2,670 50	
employees.....	9,115 55	
		<u>46,786 05</u>
Employees	199 50	
Contesting seats, assembly.....	563 50	
Printing.....	3,253 28	
Postage	3,590 00	
Blue Book	5,115 65	
Gas	685 65	
Hon. John Potter, deceased, sickness and funeral expenses	226 80	
Hon. Geo. L. Frost, deceased, sickness and funeral expenses	343 80	
Newspapers	2,701 33	
Extra session of 1878.....	21 00	
		<u>\$84,301 61</u>

General Fund.

3. FOR CHARITABLE INSTITUTIONS.

State Hospital for the Insane.....	\$138,341 24	
Northern Hospital for the Insane	117,463 03	
Institute for the Blind.....	19,380 00	
Institute for Deaf and Dumb.....	30,000 00	
Industrial School for Boys	61,350 00	
Industrial School for Girls.....	11,346 00	
Soldiers' Orphans' Home.....	935 45	
	<hr/>	\$378,815 72

4. FOR CLERK HIRE.

Secretary's office.....	\$10,980 00	
Treasurer's office.....	6,815 00	
Land office.....	13,399 00	
Public Property office.....	1,500 00	
	<hr/>	\$32,694 00

5. FOR LABOR ABOUT CAPITOL.

Engineers and Firemen	\$3,767 50	
Carpenters	2,002 75	
Watchmen.....	3,772 90	
Janitors and Messengers	10,160 69	
Laborers	2,764 35	
Transient Laborers.....	594 48	
	<hr/>	\$23,062 67

6. FOR SUNDRY PURPOSES.

Contingent expenses	\$15,909 85	
Printing.....	14,603 77	
Paper	6,340 98	
Postage.....	3,711 58	
Stationery	7,500 00	
Gas	3,823 78	
Fuel	2,186 31	
Militia	9,374 62	
Appraising Lands.....	270 35	
Governor's Contingent Fund	585 00	
Capitol Park Improvement.....	518 20	
Text Book Commission	238 65	
Printing Revised Statutes	26,501 71	
Examining State Teachers.....	103 65	
Geological Survey	5,000 00	
Geological Report	1,479 75	
Geodetic Survey	115 00	
Water supply for Capitol.....	4,151 23	
Refunded Land Office fees	1 50	
Refunded Peddlers' Licenses.....	164 64	
Revising Rules for Courts.....	1,620 00	
Immigration Commission	1,482 54	
Apportionment of Railway license to counties.	15,662 14	
Costs in suit of Shipman vs. State.....	164 28	
Publishing notices and proclamations	530 39	
Publishing general laws.....	16,330 40	
Publishing private and local laws	429 60	

School Fund.

Advertising lands	\$1,169 07	
Real estate returns	921 61	
Free high schools.....	25,000 00	
County agricultural societies.....	5,700 00	
Bounty on wild animals.....	4,390 00	
Special appropriations.....	17,818 88	
Miscellaneous	2,456 75	
		\$196,256 23
Total receipts.....	\$1,249,338 02	
Total disbursements.....		\$1,055,112 51
Balance September 30, 1878.....	79,055 98	
Balance September 30, 1879.....		273,281 49
		\$1,328,394 00
	\$1,328,394 00	\$1,328,394 00

SCHOOL FUND.

The School Fund is composed of:

1. Proceeds of lands granted by United States for support of schools.
2. All moneys accruing to the State by forfeitures or escheat.
3. All penalties for trespass on school lands.
4. All fines collected in the several counties for breaches of penal laws.
5. All moneys paid as an exemption from military duty.
6. Five *per cent.* of net proceeds of sales of United States public lands.

The number of acres of unsold land, the proceeds of which are applicable to this fund, is 195,978.57. The cash receipts and disbursements during the year have been as follows:

RECEIPTS.

Sales of land	\$6,423 61
Dues on certificates.....	29,491 76
Loans.....	25,404 03
Penalties and forfeitures.....	17 85
Taxes	11 92
Fines	1,229 08
United States, five <i>per cent.</i> on sales of public lands in Wis., from June 30, 1877, to June 30, 1878	1,181 85
Loan to Clark county	5,000 00
Loan to Iowa county	10,000 00
Loan to Racine county.....	3,125 00
Loan to town and city of Mineral Point.....	5,000 00
Loan to town of Necedah, Juneau county.....	1,450 00
Loan to town of Newport, Columbia county ..	750 00
Loan to Polk county.....	500 00
	\$89,585 10

School Fund.

DISBURSEMENTS.

Loans to school districts		\$19,440 00
Loan to Barron county.....		20,000 00
Loan to Burnett county.....		20,000 00
Loan to Wood county.....		500 00
Loan to city of Jefferson.....		5,000 00
Loan to city of Mineral Point.....		18,000 00
Loan to city of New London.....		11,500 00
Loan to town of Little Wolf, Waupaca county.		5,000 00
Loan to town of Luck, Polk county		2,500 00
Loan to town of Mineral Point, Iowa county..		12,000 00
Refunded for overpayments		33 35
	\$89,585 10	\$118,973 35
Balance September 30, 1878.....	58,823 70	
Balance September 30, 1879.		84,435 45
	\$148,408 80	\$148,408 80

The amounts of the productive School Fund on the 30th days of September, 1878 and 1879, were as follows :

	1878.	1879.
Dues on certificates of sales, per Land Office books.....	\$378,265 90	\$366,141 43
Due on loans per Land Office books	222,038 67	215,165 67
Certificates of indebtedness.....	1,559,700 00	1,562,700 00
United States bonds.....	75,000 00	75,000 00
Milwaukee city bonds.....	170,000 00	170,000 00
Loan to Iowa county.....	55,000 00	45,000 00
Loan to city and town of Mineral Point.....	35,000 00	30,000 00
Loan to Racine county.....	9,375 00	6,250 00
Loan to Clark county.....	15,000 00	10,000 00
Loan to Wood county.....	46,000 00	46,500 00
Loan to Mineral Point Seminary.....	5,000 00	5,000 00
Loan to Juneau county.....	7,500 00	7,500 00
Loan to Jackson county.....	20,000 00	20,000 00
Loan to Polk county.....	3,000 00	2,500 00
Loan to town of Rushford, Winnebago Co....	2,000 00	2,000 00
Loan to town of Necedah, Juneau Co.....	14,500 00	13,050 00
Loan to town of Newport, Columbia Co.....	1,500 00	750 00
Wisconsin war bonds.....	3,000 00	
Loan to Burnett county		20,000 00
Loan to city of New London		11,500 00
Loan to town of Mineral Point, Iowa Co.....		12,000 00
Loan to town of Little Wolf, Waupaca Co....		5,000 00
Loan to town of Luck, Polk Co.....		2,500 00
Loan to city of Mineral Point.....		18,000 00
Loan to city of Jefferson		5,000 00
Loan to Barron Co.....		20,000 00
Loan to School Dis. No. 7, Baraboo, Sauk Co..		8,000 00
Total at interest.....	\$2,621,879 57	\$2,679,557 10
Cash on hand.....	58,823 70	84,435 45
Grand total.....	\$2,680,703 27	\$2,713,992 55

School Fund Income.

SCHOOL FUND INCOME.

The interest received on School Fund investments and on the principal due for sales of school lands, constitutes the School Fund Income. The amount of this Income in the Treasury on the 1st day of June, is annually certified by the Secretary of State to the State Superintendent of Public Instruction, and by him apportioned under the provisions of section 554 of the Revised Statutes, among the several counties of the State, for the use of common schools in the manner provided by law. The apportionment is made according to the number of children in each town, village and city over the age of four and under the age of twenty years, as shown by the report of the State Superintendent during the year preceding. The rate for the present year, was thirty-eight cents *per capita*.

The receipts and disbursements during the year have been as follows:

RECEIPTS.

Interest on land certificates and loans.....	\$42,066 95
Interest on certificates of indebtedness.....	109,179 00
Interest on United States bonds.....	2,373 30
Interest on Wisconsin bonds.....	180 00
Interest on Milwaukee city bonds.....	11,900 00
Interest on loan to Burnett county.....	659 75
Interest on loan to Clark county.....	1,050 00
Interest on loan to Iowa county.....	3,850 00
Interest on loan to Jackson county.....	1,307 95
Interest on loan to Juneau county.....	340 90
Interest on loan to Racine county.....	656 25
Interest on loan to Wood county.....	3,220 00
Interest on loan to town and city of Mineral Pt. county.....	2,450 00
Interest on loan to town of Newport, Columbia county.....	93 15
Interest on loan to town of Necedah, Juneau county.....	856 50
Interest on loan to town of Rushford, Winnebago county.....	121 60
Interest on loan to Polk county.....	201 25
Interest on loan to city of New London.....	226 30
Refunded, per cent. on purchase of U. S. bonds	875 00
Treas. Gen. Fund, section 247, Revised Statutes	7,088 36
Transfer from Agricultural College Fund Income.....	71
Transfer from Delinquent Tax Fund.....	6 01
	<hr/>
	\$188,702 98

University Fund.

DISBURSEMENTS.

Apportionment to counties by State Supt.		\$181,429 02
Securing school lands.		677 87
Transfer to Delinquent Tax Fund.		2 10
Refunded for overpayment.		496 28
	<u>\$188,702 98</u>	<u>\$182,605 27</u>
Balance September 30, 1878.	13,131 90	
Balance September 30, 1879.		19,229 61
	<u>\$201,834 88</u>	<u>\$201,834 88</u>

UNIVERSITY FUND.

The proceeds of sales of land granted by the United States to Wisconsin for the support of the State University by Acts of Congress, approved June 12, 1838, August 6, 1846, and December 12, 1852, form the University Fund. The principal or capital, excepting the small cash balance in the State Treasury, is productive, drawing interest mainly at seven per cent.

The number of acres of unsold land is, 4,485.72.

The cash receipts and disbursements during the year have been as follows:

RECEIPTS.

Sales of land.	\$164 21
Dues on certificates.	2,854 00
Loans.	8,957 79
	<u>\$11,976 00</u>

DISBURSEMENTS.

Loan to Shawano county.		\$15,000 00
Refunded for overpayments.		6 43
	<u>\$11,976 00</u>	<u>\$15,006 43</u>
Balance September 30, 1878.	8,843 03	
Balance September 30, 1879.		5,812 60
	<u>\$20,819 03</u>	<u>\$20,819 03</u>

The amounts of the productive University Fund on the 30th days of September, 1878 and 1879, were as follows:

	1878.	1879.
Due on certs. of sale, per Land Office books.	\$45,222 96	\$41,218 99
Due on loans, per Land Office books.	37,367 81	27,360 02
Certificates of indebtedness.	111,000 00	111,000 00

University Fund Income.

Dane county bonds.....	\$14,500 00	\$14,500 00
Milwaukee city bonds.....	10,000 00	10,000 00
Loan to Shawano county.....	.....	15,000 00
Total at interest.....	\$218,090 77	\$219,079 01
Cash on hand.....	8,843 03	5,812 60
Grand total.....	<u>\$226,933 80</u>	<u>\$224,891 61</u>

UNIVERSITY FUND INCOME.

This Fund is derived chiefly from the annual tax levy authorized by section 390, Revised Statutes, and from the interest on University land certificates and loans, and is perpetually appropriated to the support and endowment of the State University by section 389, Revised Statutes. By provisions of said section, this entire Income is placed at the disposal of the Board of Regents by transfer to the Treasurer of said Board, and the detailed record of its expenditures is kept by said Treasurer distinct and independent of the accounts of the State.

The receipts and disbursements during the year have been as follows :

RECEIPTS.

Interest on land certificates and loans.....	\$5,028 68
Interest on certificates of indebtedness.....	7,770 00
Interest on Dane county bonds.....	1,015 00
Interest on Milwaukee city bonds.....	700 00
Interest and premium on Lewis medal fund...	1 84
Interest on the Johnson endowment.....	500 00
General Fund Appropriation, Sec. 390, R. S....	41,310 30
Sale of Soldiers' Orphans' Home.....	4,700 00
Students' fees.....	4,387 42
Sale of farm products.....	617 80
Rent of house.....	123 00
Books sold.....	7 50
Interest on lots sold.....	106 15
Sale of old iron, etc.....	23 50
Laboratory expenses.....	440 99
Damages.....	7 54
Madison Manufg. Co. refunded.....	11 25
	<u>\$66,750 97</u>

DISBURSEMENTS.

Treasurer of State University.....	\$66,713 87
Refunded for overpayments.....	37 10
	<u>\$66,750 97</u>
	<u>\$66,750 97</u>

Agricultural College Fund.

AGRICULTURAL COLLEGE FUND.

The proceeds of sales of 240,000 acres of land granted by the United States to the State by Act of Congress, approved July 2, 1862, for the support of an institution of learning, where shall be taught the principles of agriculture and mechanic arts, form the Agricultural College Fund. The number of acres of unsold land is 26,447.53.

The cash receipts and disbursements during the year have been as follows :

RECEIPTS.

Sales of land	\$6,049 83
Dues on certificates	8,746 00
Loans	8,113 46
Dane county bonds.....	1,500 00
	\$24,409 29

DISBURSEMENTS.

Loan to city of New London		\$500 00
	\$24,409 29	\$500 00
Balance September 30, 1878.....	\$12,338 93	
Balance September 30, 1879.....		36,248 22
	\$36,748 22	\$36,748 22
	\$36,748 22	\$36,748 22

The amounts of productive Agricultural College Fund on the 30th days of September, 1878 and 1879, were as follows:

	1878.	1879.
Due on certs. of sales, per Land Office books..	\$140,659 70	\$147,204 40
Due on loans, per Land Office books.....	30,958 78	22,711 32
Certificates of indebtedness	51,600 00	51,600 00
Dane county bonds....	4,500 00	3,000 00
Milwaukee bonds.....	10,000 00	10,000 00
Loan to city of New London.....		500 00
Total at interest.....	\$244,263 18	\$228,471 02
Cash on hand.....	12,338 93	36,248 22
Grand total	\$256,602 11	\$264,719 24
	\$256,602 11	\$264,719 24

Normal School Fund.

AGRICULTURAL COLLEGE FUND INCOME.

This Fund is derived from the interest on the Agricultural College land certificates and loans, and is applied to the support of the State University. It is placed at the disposal of the Board of Regents by transfer to the Treasurer of the Board in the same manner as the University Fund Income.

The receipts and disbursements during the year have been as follows:

RECEIPTS.

Interest on land certificates and loans	\$11,624 79
Interest on certificates of indebtedness	3,612 00
Interest on Milwaukee city bonds	700 00
Interest on Dane county bonds	262 50
	<hr/>
	\$16,199 29

DISBURSEMENTS.

Treasurer of State University		\$15,830 55
Transfer to School Fund Income		71
Refunded for overpayments		368 03
	<hr/>	<hr/>
	\$16,199 29	\$16,199 29
	<hr/>	<hr/>

NORMAL SCHOOL FUND.

This Fund consists of one-half the proceeds of the sales of all swamp and overflowed lands received by the State from the United States, under Act of Congress, approved September 28, 1850. The number of acres of unsold land is 591,629.09. The cash receipts and disbursements during the year have been as follows:

RECEIPTS.

Sales of lands	\$9,098 06
Dues on certificates	2,165 00
Loans	16,152 22
Penalties and forfeitures	17, 09
Bonds of the town of Clifton, Pierce Co.	500 00
Bonds of the town of River Falls, Pierce Co. ...	1,000 00
Bonds of the town of Kiunickiunic, St. Croix Co.	500 00
Bonds of the town of Troy, St. Croix county ..	1,000 00
Loan to Iowa county	10,000 00
Loan to Racine county	1,875 00
Loan to town of Princeton, Green Lake Co.	500 00
Loan to town of Pine Valley, Clark Co.	600 00
	<hr/>
	\$43,407 37

Normal School Fund Income.

DISBURSEMENTS.

Loan to Wood county.....		\$36,500 00
Loan to Board of Education city Beaver Dam		4,000 00
Loan to Board of Education city of Neenah		10,000 00
Loan to city of Waupaca, Waupaca Co.		1,500 00
Loan to town of Waupaca, Waupaca Co.....		750 00
		<hr/>
	\$43,407 37	\$52,750 00
Balance September 30, 1878.....	33,290 88	
Balance September 30, 1879.....		23,948 25
		<hr/>
	\$76,698 25	76,698 25
		<hr/> <hr/>

The amounts of productive Normal School Fund on the 30th days of September, 1878 and 1879, were as follows:

	1878.	1879.
Dues on certs. of sales, per Land Office books..	\$33,913 29	\$35,468 36
Dues on loans, per Land Office books.....	99,969 38	86,661 16
Certificates of indebtedness.....	515,700 00	515,700 00
Milwaukee city bonds.....	160,000 00	160,000 00
Bonds of the town of Kinnickinnic, St Croix Co.	1,800 00	1,300 00
Bonds of the town of Troy, St. Croix county..	2,000 00	1,000 00
Bonds of the town of River Falls, Pierce county	7,000 00	6,000 00
Bonds of the town of Clifton, Pierce county ..	2,000 00	1,500 00
Loan to Iowa county.....	95,000 00	85,000 00
Loan to Racine county.....	5,625 00	3,750 00
Loan to Wood county.....	33,000 00	69,500 00
Loan to town of Pine Valley, Clark county...	2,400 00	1,800 00
Loan to town of Prince on, Green Lake county	4,500 00	4,000 00
Loan to city of La Crosse.....	40,000 00	40,000 00
Albany city bonds.....	2,000 00	2,000 00
Loan to Board of Education of city of Neenah		10,000 00
Loan to Board of Education city of Beaver Dam		4,000 00
Loan to city of Waupaca.....		1,500 00
Loan to town of Waupaca, Waupaca county...		750 00
		<hr/>
Total at interest.....	\$1,004,907 67	\$1,029,929 52
Cash on hand.....	33,290 88	23,948 25
		<hr/>
Grand total.....	\$1,038,198 55	\$1,053,877 77
		<hr/> <hr/>

NORMAL SCHOOL FUND INCOME.

This Fund is derived from the interest on swamp land certificates and loans, and is applied to establishing and maintaining Normal Schools as provided by law. By the provisions of section 394, Revised Statutes, this entire Income is placed at the disposal of the Board of Regents of Normal Schools, by transfer to the Treasurer of said Board, and the detailed record of its expenditures is kept

Drainage Fund.

separate and distinct from the accounts of the State. The receipts and disbursements during the year have been as follows:

RECEIPTS.

Interest on land certificates and loans.....	\$8,627 11
Interest on certificates of indebtedness.....	36,099 00
Interest on Milwaukee city bonds.....	11,200 00
Interest on Albany city bonds.....	120 00
Interest on Clifton town bonds.....	140 00
Interest on Kinnickinnic town bonds.....	126 00
Interest on Troy town bonds.....	140 00
Interest on River Falls town bonds.....	490 00
Interest on loan to La Crosse city.....	2,401 10
Interest on loan to Iowa county.....	5,633 56
Interest on loan to Racine county.....	393 75
Interest on loan to Wood county.....	2,310 00
Interest on loan to town of Pine Valley.....	168 00
Interest on loan to town of Princeton.....	249 40
Tuition fees, Platteville Normal School.....	3,040 21
Tuition fees, Whitewater Normal School.....	2,663 63
Tuition fees, Oshkosh Normal School.....	4,552 47
Tuition fees, River Falls Normal School.....	2,813 81
Overpayment on text books, refunded.....	420 28
	<hr/>
	\$81,588 32

DISBURSEMENTS.

Treas'r of Board of Regents of Normal Schools.....		\$81,569 37
Refunded for overpayment.....		18 45
	<hr/>	<hr/>
	\$81,588 32	\$81,588 32
	<hr/>	<hr/>

DRAINAGE FUND.

This Fund consists of one-half the proceeds of sales of all swamp and overflowed lands received by the State from the United States, and is distributed on the first Monday of July, under the provisions of section 254, Revised Statutes, among the several counties wherein such lands lie, in proportion to the amount of sales in the respective counties. The moneys so paid are then apportioned by the county clerks to the several towns in their respective counties, and are expended under direction of the town board in draining and reclaiming the swamp lands in such town, and in constructing roads and bridges over such swamp lands. The number of acres

Trust Funds.

of unsold land is 703,474.82. The cash receipts and disbursements during the year have been as follows:

RECEIPTS.

Interest on land certificates.....	\$759 35
Sales of land.....	10,363 57
Dues on certificates.....	279 00
Penalties.....	6 38
	<u>\$11,408 30</u>

DISBURSEMENTS.

Apportionment to counties.....		\$11,907 97
Refunded for overpayments.....		103 12
	<u>\$11,408 30</u>	<u>\$12,010 99</u>
Balance September 30, 1878.....	5,651 55	
Balance September 30, 1879.....		5,049 76
	<u>\$17,059 85</u>	<u>\$17,059 85</u>

The amounts of productive Drainage Fund on the 30th days of September, 1878 and 1879, were as follows:

	1878.	1879.
Certificates of sales.....	\$10,521 23	\$9,830 22
Cash on hand.....	5,651 55	5,049 76
	<u>\$16,172 78</u>	<u>\$14,879 98</u>

TRUST FUNDS.

The amounts at interest and in the Treasury belonging to each of the Trust Funds, on the 30th ultimo, were respectively as follows:

AT INTEREST.

School Fund.....	\$2,679,557 10	
University Fund.....	219,079 01	
Agricultural College Fund.....	228,471 02	
Normal School Fund.....	1,029,929 52	
Drainage Fund.....	9,830 22	
Total at interest.....	<u>—————</u>	\$4,166,866 87

CASH ON HAND.

School Fund.....	\$34,435 45	
University Fund.....	5,812 60	
Agricultural College Fund.....	36,248 22	
Normal School Fund.....	23,948 25	
Drainage Fund.....	5,049 76	
Total cash.....	<u>—————</u>	\$105,494 28
Grand total.....		<u>\$4,272,361 15</u>

Deposit Fund.

DELINQUENT TAX FUND.

This Fund consists of the taxes collected on State lands by the State Treasurer, in accordance with the provisions of section 1146, Revised Statutes, and is credited quarterly to the different counties in which the lands are situated. The amounts which have been so received and disbursed are as follows:

RECEIPTS.		
Taxes on state lands.....		\$16,708 19
Transfer from School Fund Income.....		2 10
		\$16,710 29
DISBURSEMENTS.		
Paid counties for taxes collected.....		\$17,831 79
Transfer to School Fund Income		6 01
Refunded for overpayments.....		148 42
		\$16,710 29
Balance September 30, 1878.....	3,219 45	\$17,986 22
Balance September 30, 1879.....		1,943 52
		\$19,929 74
		\$19,929 74

DEPOSIT FUND.

On the sale of land forfeited to the State, and the payment of the amount due the State and all costs and penalties accrued, under the provisions of section 225 of the Revised Statutes, if any balance remain, the amount of such balance is deposited in the State Treasury to the credit of the person entitled thereto and is denominated the Deposit Fund.

The transactions therein have been as follows:

RECEIPTS.		
Balances deposited.....		\$121 65
DISBURSEMENTS.		
Boutwell & Son.....		\$78 95
Henry Hewell		15 50
Andrew Jackson.....		9 51
G. B. Plumer		197 10
Alex. McMillen.....		63 15
		\$121 65
Balance September 30, 1878	7,732 76	\$364 21
Balance September 30, 1879.....		7,540 20
		\$7,904 41
		\$7,904 41

St. Croix and Lake Superior Railroad Deposit Fund.

ST. CROIX AND LAKE SUPERIOR RAILROAD TRESPASS FUND.

This Fund consists of moneys received into the State Treasury, in trust, under the provisions of Chapter 46 of the General Laws of 1869, and Acts amendatory thereof. The disbursements therefrom have been for the purpose of protecting the St. Croix and Lake Superior Railroad lands, in accordance with the terms of said Acts.

RECEIPTS.

J. C. Spooner, on judgment, State vs. Knapp, Stout & Co.	\$297 12
H. Borchsenius, trespass collections.....	3,183 96
H. A. Taylor, trespass collections.....	5,000 00
	<hr/>
	\$8,481 08

DISBURSEMENTS.

H. Borchsenius, protecting lands, salary.....		\$1,500 00
H. Borchsenius, protecting lands, expenses....		62 00
H. A. Taylor, protecting lands, salary.....		2,000 00
H. A. Taylor, protecting lands, expenses.....		1,909 10
	<hr/>	<hr/>
	\$8,481 08	\$5,471 10
Balance September 30, 1878.....	169,764 73	
Balance September 30, 1879.....		172,774 71
	<hr/>	<hr/>
	\$178,245 81	\$178,245 81

ST. CROIX AND LAKE SUPERIOR R. R. DEPOSIT FUND.

This Fund consists of moneys received by the State Treasurer in trust, under the provisions of Section 14, Chapter 126, Laws 1874, as amended by Chapter 392, Laws 1876. The time for proving settlement upon and thereby acquiring title to the railroad lands in said acts described, having expired in April, 1877, no payments have been made into this Fund during the year. The disbursements have been as follows:

DISBURSEMENTS.

Thomas H. Johnson, deposit refunded	\$100 00
A. E. Jefferson, deposit of G. M. Hoffnail	100 00
James Mullen, deposit refunded	100 00
North Wis. R. R. Co., deposit of Wm. Gust....	200 00

Green Bay and Minnesota Railroad Aid Fund.

North Wis. R. R. Co., deposit of James Mullen		\$100 00	
A. E. Jefferson, deposit of Adolphus Revor		100 00	
			<hr/>
			\$700 00
Balance September 30, 1878.....	\$8,264 60		
Balance September 30, 1879.....			\$7,564 60
			<hr/>
	\$8,264 60	\$8,264 60	
	<hr/>	<hr/>	

NORTH WISCONSIN RAILROAD AID FUND.

This Fund consists of money received into the State Treasury, under provisions of Chapter 24, of the General Laws of 1870, as amended by Chapter 48, General Laws 1871, to be applied to the payment of the interest and principal of the registered bonds issued by certain towns in aid of the North Wisconsin Railway company. These laws having been repealed, the registered bonds having been cancelled, and the balance in the Fund paid over to the parties entitled thereto, the account is now closed. The disbursements have been as follows :

DISBURSEMENTS.

Philetus Sawyer, coupons of bonds, towns of Richmond, Stanton and Star Prairie'.....		\$1,750 00	
Philetus Sawyer, on principal of bond No. 1, town of Star Prairie		39 47	
Philetus Sawyer, on principal of bond No. 1, town of Stanton.....		39 46	
Philetus Sawyer, on principal of bond No. 1, town of Richmond.....		78 93	
			<hr/>
			\$1,907 86
Balance September 30, 1878.....	\$1,907 86		
			<hr/>
	\$1,907 86	\$1,907 86	
	<hr/>	<hr/>	

GREEN BAY AND MINNESOTA RAILROAD AID FUND.

This Fund was created under the same law as the foregoing Fund, to be applied to the payment of the principal and interest of the registered bonds of towns which have granted aid to the Green

Sturgeon Bay and Lake Michigan Canal Fund.

Bay and Minnesota Railroad Company. The receipts and disbursements have been as follows:

RECEIPTS.

Town of Arcadia (erroneous payment) \$3,600 00

DISBURSEMENTS.

Theo. G. Cash, coupons of bonds of town of Arcadia		\$37 97
Richard Guenther, amount erroneously paid into State Treasury		3,600 00
	<u>\$3,600 00</u>	<u>\$3,637 97</u>
	37 97	
Balance September 30, 1878.....	<u>\$3,637 97</u>	<u>\$3,637 97</u>

STURGEON BAY AND LAKE MICHIGAN CANAL FUND.

This Fund consists of money received on account of penalties for trespass on the lands granted to the State by the United States to aid in the construction of a breakwater and harbor and a ship canal to connect the navigable waters of Green Bay and Lake Michigan, by Act of Congress, approved April 10, 1866. It is disbursed in payment of work done on the canal, upon the certified estimates of the chief engineer of the canal company, under the provisions of chapter 104, Private and Local Laws 1872. During the year, the third quarter of the work on the canal has been completed, and the proper quantity of lands earned thereby has been conveyed to the company. The number of acres of land belonging to the grant and yet held by the State in trust for the canal company is 66,019.33.

The disbursements during the year have been as follows:

DISBURSEMENTS.

John Nader, inspecting and surveying canal		\$209 08
Balance September 30, 1878.....	<u>\$209 08</u>	<u>\$209 08</u>

Redemption Fund.

REDEMPTION FUND.

This Fund consists of moneys received for the redemption of School, University and Agricultural College lands, sold for the non-payment of interest and taxes, and that have been redeemed as provided by section 228, Revised Statutes.

RECEIPTS.

Advertising, interest, penalty, fees and damages ... \$404 14

DISBURSEMENTS.

E. A. Burchard		\$253 75
Geo. B. Burrows		9 ⁴ 49
R. E. Edwards		7 34
Henry Hewell, Jr.		70 12
C. E. W. Struve		24 36
H. N. Solberg		8 76
	<hr/>	<hr/>
Balance September 30, 1879	\$404 14	\$373 82
		30 32
	<hr/>	<hr/>
	\$404 14	\$404 14
	<hr/>	<hr/>

ALLOTMENT FUND.

Section 3, of Chapter 190, General Laws 1862, directed the State Treasurer to receive such sums of money as might be placed in his hands by any volunteer making an allotment, as provided by the Act of Congress approved Dec. 24, 1861, and to dispose of the same according to the order and direction of such volunteer. This Fund consists of moneys so received by the State Treasurer and yet unclaimed by the beneficiaries named by the volunteers. There having been no payments made from the Fund during the year, the account stands as follows:

Balance September 30, 1878	\$965 87	
Balance September 30, 1879		\$965 87
	<hr/>	<hr/>

APPROPRIATIONS.

The following table exhibits the balances due, and the direct appropriations made to the several Charitable Institutions of the

Appropriations.

State for the year 1879, the payments therefrom, and the balances remaining unexpended at the end of the fiscal year:

	Balances due on appropriations September 30, 1878.	Appropriations, 1879, including amount paid by counties.	Paid to September 30, 1879.	Remaining unexpended September 30, 1879.
State Hosp. for Insane..	\$31,241 24	\$117,033 88	\$138,341 24	\$9,933 88
Nor. Hosp. for Insane..	26,588 03	118,847 28	117,463 03	27,972 28
Institute for the Blind..	7,615 00	18,500 00	19,380 00	6,735 00
Inst. for Deaf & Dumb..	12,500 00	30,000 00	30,000 00	12,500 00
Indus. School for Boys..	13,850 00	63,119 25	61,350 00	15,619 25
Total.	\$91,794 27	\$347,500 41	\$366,534 27	\$72,760 41

STATE DEBT.

A very complete history of the State Debt, showing under what laws and for what purposes the War and other bonds were issued, dates of issuance, dates of maturity, and all other facts connected therewith, is given in the Annual Report of this Department for 1874.

During the year the bonded debt has been reduced three thousand dollars, through the cancellation of that amount of War Bonds bought by the Commissioners of Public Lands with the Trust Funds in their care. Under the provisions of section 259, Revised Statutes, certificates of indebtedness to the School Fund for the same amount, bearing interest at the rate of seven per cent. per annum, have been given for the funds so used in the purchase of these bonds. The total for which bonds and certificates of indebtedness are now outstanding, is as follows:

State War bonds outstanding.....	\$11,000 00
Certificates of Indebtedness to Trust Funds.....	2,241,000 00
Currency certificates.....	57 00
Total.....	\$2,252,057 00

Apportionment of Taxes.

BONDED INDEBTEDNESS.

The amount and date of maturity of the outstanding War Bonds are shown in the following table:

Date of authorizing act.	For what purpose debt was created.	AMOUNT OF INDEBTEDNESS.		PRINCIPAL.
		Issued.	Outstanding.	When payable.
April 16, 1861	War loan	\$200,000	.....	Jan. 1, 1867
May 27, 1861	....do	100,000	.....	July 1, 1877
May 27, 1861	....do	100,000	.....	July 1, 1878
May 27, 1861	....do	100,000	.....	July 1, 1879
May 27, 1861	....do	100,000	\$9,000	July 1, 1880
May 27, 1861	....do	100,000	.....	July 1, 1881
May 27, 1861	....do	100,000	.....	July 1, 1882
May 27, 1861	....do	100,090	.....	July 1, 1883
May 27, 1861	....do	100,000	.....	July 1, 1884
May 27, 1861	....do	100,000	.....	July 1, 1885
May 27, 1861	....do	100,000	1,000	July 1, 1886
April 7, 1862	General fund....	50,000	.....	April 1, 1867
April 7, 1862	War loan.....	100,000	.....	July 1, 1887
April 7, 1862	War loan	100,000	1,000	July 1, 1888
M'ch 28, 1863	General fund....	50,000	.....	April 1, 1868
	Total	\$1,500 000	\$11,000	

APPORTIONMENT OF TAXES.

In accordance with an approved custom of long standing, I present herewith a statement of the amount of State Tax and Special Taxes apportioned by me among the several counties of the State. I am glad to be able to say that the appropriations made by the legislature and existing laws, have not exceeded the amount of State Tax levied to meet the expenses of the past year, and that consequently, for the first time in many years, it has not been found necessary to levy any additional tax under section one thousand and seventy-one, Revised Statutes, in connection with the amount authorized by Chapter 250, Laws of 1879. The apportionment was made on the valuation fixed by the State Board of Assessment in May, the rate of taxation on such valuation being 1 $\frac{385}{10000}$ mills on the dollar.

Apportionment of Taxes.

STATE TAX.

State tax authorized by chapter 250, Laws 1879.....	\$248,016 35
Interest on certificates of indebtedness, section 260, R. S.....	156,870 00
Interest due School Fund Income, section 247, R. S.....	7,088 36
Annual levy for State University, section 390, R. S.....	43,897 18
Total.....	<u>\$455,871 89</u>

SPECIAL TAXES.

Interest up to February 2d, 1880, on loan to Barron county, chapter 49, Laws 1879.....	\$850 75
Principal and interest to February 3d, 1880, on loan to Burnett county, chapter 155, Laws 1878	2,733 33
Principal and interest to January 1, 1880, on loan to Clark county, chapter 197, Laws 1876	5,700 00
Principal and interest to March 1st, 1880, on loan to town of Pine Valley, Clark county, chapter 76 Laws 1877.....	726 00
Principal and interest to February 3d, 1880, on loan to town of Newport, Columbia county, chapter 50, Laws 1878	802 50
Principal and interest to February 2d, 1880, on loan to the Board of Education of the city of Beaver Dam, Dodge county, chapter 12, Laws of 1879.....	1,163 35
Principal and interest to February 3d, 1880, on loan to town of Princeton, Green Lake county, chapter 141, Laws 1878.	780 00
Principal and interest to January 1st, 1880, on loan to Iowa county, chapter 186, Laws 1874	29,100 00
Interest to February 3d, 1880, on loan to Mineral Point Seminary, on the credit of town of Mineral Point, Iowa county, chapter 143, Laws 1856	350 00
Principal and interest to January 1st, 1880, on loan to city and town of Mineral Point, Iowa county, chapter 123, Laws 1875.....	7,100 00
Interest to February 6th, 1880, on loan to the city of Mineral Point, Iowa county, chapter 4, Laws 1879.....	1,246 15
Interest to February 7th, 1880, on loan to the town of Mineral Point, Iowa county, chapter 3, Laws 1879.....	833 15
Interest to February 3d, 1880, on loan to Jackson county, chapter 17, Laws 1878.....	1,400 00
Principal and interest to February 2d, 1880, on loan to the city of Jefferson, Jefferson county, chapter 164, Laws 1879.....	733 35
Interest to February 3d, 1880, on loan to Juneau county, chapter 221, Laws 1878.....	525 00
Principal and interest to February 3d, 1880, on loan to town of Necedah, Juneau county, chapter 114, Laws 1878.....	2,363 50
Interest to February 3d, 1880, on loan to the city of La Crosse, La Crosse county, chapter 46, Laws 1878.....	2,800 00
Principal and interest to January 15th, 1880, on loan to Polk county, chapter 141, Laws 1877.....	675 00
Principal and interest to February 2d, 1880, on loan to town of Luck, Polk county, chapter 109, Laws 1879.....	397 70
Principal and interest to March 1st, 1880, on loan to Racine county, chapter [107, Laws 1876, as amended by chapter 37, Laws 1877.....	5,700 00
Interest to March 1st, 1880, on loan to School District 7, Baraboo, Sauk County, chapter 100, Laws 1877.....	560 00

Estimate of Expenditures.

Interest to February 2d, 1880, on loan to Shawano county, chapter 5, Laws 1879.....	\$355 85
Interest to February 2d, 1880, on loan to town of Little Wolf, Waupaca county, chapter 34, Laws 1879.....	318 15
Interest to February 2d, 1880, on loan to city of Waupaca, Waupaca county, chapter 198, Laws 1879.....	43 75
Interest to February 2d, 1880, on loan to town of Waupaca, Waupaca county, chapter 198, Laws 1879.....	21 88
Principal and interest to February 3, 1880, on loan to town of Rushford, Winnebago county, chapter 122, Laws 1878....	640 00
Principal and interest to February 2, 1880, on loan to Board of Education of the city of Neenah, Winnebago county, chapter 186, Laws 1877.....	1,420 00
Principal and interest to February 2, 1880, on loan to Wood county, chapter 144, Laws 1876, as amended by chapter 168, Laws 1879.....	18,482 75
Interest to February 3, 1880, on loan to the city of New London, Waupaca and Outagamie counties, chapters 118 and 340, Laws 1878.....	835 55
Principal and interest for 1880, on loans to school districts, section 260, Revised Statutes.....	67,924 37
Due from counties to the State Hospital for the Insane.....	40,852 28
Due from counties to the Northern Hospital for the Insane ..	47,459 28
Due from counties to the Industrial School for Boys.....	12,819 75
Total.....	\$257,713 39

ESTIMATE OF EXPENDITURES AND REVENUES.

Pursuant to the requirement of subdivision thirteen of section one hundred and forty-four, Revised Statutes, I submit the following detailed estimate of expenditures to be defrayed from the Treasury during the year beginning January 1, 1881, based on the disbursements in former years, in which are shown the amounts provided by permanent or temporary appropriations, and the amount required to be provided for. I also submit a careful estimate of the revenues from which such expenditures are to be defrayed:

EXPENDITURES.

1. SALARIES AND PERMANENT APPROPRIATIONS.

Governor's office.....	\$6,600 00
Lieutenant Governor.....	1,000 00
Secretary of State's office.....	7,000 00
State Treasurer's office.....	7,000 00
Attorney General's office.....	5,000 00
State Superintendent's office.....	5,500 00
Railroad Commissioner's office.....	5,000 00

Estimate of Expenditures.

Superintendent of Public Property.....	\$2,000 00	
Supreme Court, salaries	25,000 00	
Circuit Court, salaries.....	36,000 00	
Supreme Court Reporter.....	3,000 00	
State Library and Librarian	3,000 00	
State Historical Society	8,500 00	
State Board of Charities.....	3,000 00	
State Board of Health	4,200 00	
State Board of Immigration	2,500 00	
State Militia.....	10,000 00	
State University	43,897 18	
Free High Schools.....	25,000 00	
Normal Institutes.....	2,000 00	
		<u>\$205,197 18</u>

2. LEGISLATIVE EXPENSES.

Salaries of Senators.....	\$11,900 00	
Salaries of Members of Assembly	35,350 00	
Mileage	3,500 00	
Officers and employes.....	27,000 00	
Printing	4,500 00	
Newspapers	2,700 00	
Postage	3,800 00	
Blue Book.....	3,000 00	
Incidentals	4,500 00	
		<u>\$96,250 00</u>

3. INTEREST.

On State Indebtedness	\$156,870 00	
Due School Fund Income	7,088 36	
		<u>\$163,958 36</u>

4. CHARITABLE INSTITUTIONS.

State Hospital for Insane	\$80,000 00	
Northern Hospital for Insane	85,000 00	
Institution for the Blind.....	20,000 00	
Institution for the Deaf and Dumb.....	35,000 00	
Industrial School for Boys.....	35,000 00	
		<u>\$255,000 00</u>

5. CLERKS AND EMPLOYES.

Secretary of State's Office.....	\$10,900 00	
State Treasurer's Office.....	7,000 00	
School Land Office.....	12,000 00	
Superintendent of Public Property.....	1,500 00	
Supreme Court	2,500 00	
Engineers and Watchmen	7,000 00	
Janitors and Messengers.....	8,000 00	
Laborers about Capitol.....	5,000 00	
Protecting State Lands.....	6,000 00	
		<u>\$59,900 00</u>

State Assessment.

6. MISCELLANEOUS.

State Printing	\$22,000 00	
Purchase of Paper.....	7,000 00	
Stationery	7,500 00	
Postage	4,000 00	
Advertising Lands	2,000 00	
Publishing Laws.....	16,000 00	
Gas and Fuel	7,500 90	
Agricultural Societies.....	9,000 00	
Fish Culture.....	8,000 00	
Contingent Expenses.....	15,000 00	
Special Appropriations and Miscellaneous Ex- penses	90,000 00	
		<u>\$188,000 00</u>
Total.....		<u><u>\$968,305 54</u></u>

REVENUES.

Railway Companies, licenses	\$395,000 00	
Insurance Companies, licenses.....	45,000 00	
Telegraph Companies, licenses.....	2,500 00	
Plankroad Companies, licenses.....	100 00	
Hawkers and Peddlers, licenses.....	7,000 00	
State Tax on Suits	6,000 00	
Miscellaneous Fees	14,000 00	
		<u>\$469,600 00</u>

TAXES AUTHORIZED BY LAW.

Interest on State Indebtedness	\$156,870 00	
Interest due School Fund Income.....	7,088 36	
Annual levy for State University.....	43,897 18	
		<u>\$207,855 54</u>
To be provided for by the Legislature.....		<u><u>\$677,455 54</u></u> <u>290,850 00</u>

STATE ASSESSMENT.

The Legislature at its regular session for 1879 having provided for annual State assessments instead of biennial assessments, as heretofore, the State Board, pursuant to the amended law, met at the Capitol on the third Wednesday of May last and proceeded to the discharge of its duties. Upon examining the abstracts of the assessment rolls, as returned by the county clerks, showing the local assessed value of all taxable property in each county of the State, it was with real satisfaction the Board found that the local

Taxes and Indebtedness.

officers had generally tried honestly and faithfully to govern themselves by the express and imperative provisions of the statutes, and to assess all property at "the full value which could ordinarily be obtained therefor at private sale." The abstracts showed a very large increase (\$103,560,228) over the local assessment of the preceding year, and the Board sought, since the increase was not uniform, to distribute it in such manner that no county should be compelled to bear an inequitable tax in consequence of its assessors having had conscience as well as judgment awakened. The results of the labors of the Board are embodied in the table marked "A," of the appendix, to which I invite your attention for the details of the work.

TAXES AND INDEBTEDNESS.

In the collection of statistics relating to the taxes and indebtedness of the several counties, cities and towns, great pains has been taken to secure as accurate reports as possible. An examination of the returns for former years showed that in many cases heretofore, gross mistakes had been made by some county officers, in not properly distinguishing between the indebtedness of the *towns* in the county, and the indebtedness of the *county*, as a county, exclusive of that of the towns, and that hundreds of thousands of dollars of the debts of certain towns had been again reported for the same year as an existing debt of the county. In the returns for the present year, such misleading repetitions have been corrected wherever discovered, before the summary statement was prepared for publication herein.

In the compilation of the table of "Taxes levied in the towns, cities and villages," Appendix "E" I caused to be deducted from the column headed "State Tax" and added to the proper items of county or town taxes, all special taxes levied in such counties or towns to pay the principal and interest due the State on loans from the Trust Funds and erroneously returned as State Tax, so that the amount of State Tax appearing in the table might agree substantially with the amount apportioned by the State. In the next following table, marked "F," is shown in as much detail as the

Deaf and Dumb, Blind, Etc.

records of the county furnish, the manner of the expenditure of the county tax proper.

STATISTICS OF AGRICULTURE.

The returns of farm products collected under the provisions of section one thousand and ten, Revised Statutes, while more full than last year, are so imperfect as to make them untrustworthy. Their incompleteness, which has been corrected as far as could be by the careful estimates of county clerks, is owing partly to the neglect of some assessors to attempt to procure the information called for by law, and partly to the refusal of many persons to give this information through an erroneous belief that to do so would, in some way, increase their taxes. As a remedy for this latter defect, I would suggest the enactment of a law requiring each person, when he furnishes the assessor a list of his personal property, also to furnish him the statistics in relation to his farm products, and giving to the assessor authority to examine such person under oath concerning the same, and, should such person refuse to testify in the matter, to call upon other persons as witnesses to give evidence under oath as to all such items of farm products. I would likewise suggest that assessors be further authorized and required to collect full statistics in relation to all mineral and manufacturing products in their respective districts.

DEAF AND DUMB, BLIND, ETC.

In Appendix "N" will be found a summary of the assessors' statistics of deaf and dumb, blind, insane and idiotic persons in the State, collected under the provisions of section one thousand and fourteen, Revised Statutes. This law, like the one requiring the collection of statistics relating to farm products, seems to have been so imperfectly complied with on the part of many assessors, as to render the information gathered of little value. The cost of these fragmentary returns is about as great as that of complete returns would be, and it should seem, therefore, that if the tax-payers of the State are annually to be subjected to the

Simmons' Digest.

expense, the legislature ought, by appropriate laws, to provide for the securing of full, accurate and prompt reports.

REVISED STATUTES.

Since the date of my last annual Report, the full edition of twelve thousand copies of the Revised Statutes, and the special edition of one hundred copies of the complete Statutes authorized by chapter three, Laws of 1878, extra session, have been received by me from the State Printer and turned over to the Superintendent of Public Property for distribution as provided by law. The two copies of the complete Statutes printed on bond paper, as provided in section nine of said Act, have also been received from the State Printer, and have been duly certified by me and deposited in this office for use as and for the original act.

TOWN LAWS.

Under the authority conferred by chapter one hundred and ninety-five, Laws of 1879, I have contracted with the editors for the manuscript of their work entitled, "Laws of Wisconsin concerning the organization and government of towns and the powers and duties of town officers and boards of supervisors, with practical forms, by John C. Spooner and Hiram Hayes, Counselors at Law," and have placed the same in the hands of the State Printer. The distribution of copies of this work among the several counties will be made as soon as a sufficient number of volumes can be got ready.

SIMMONS' DIGEST.

In accordance with the requirement of Chapter two hundred and three, Laws of 1879, I purchased on behalf of the State, on the 14th day of July, 1879, of James Simmons, Esq., of Walworth County, two hundred and fifty copies of the 3d volume of said Simmons' Digest of Wisconsin Reports, at \$4.50 per volume, and turned them over to the Superintendent of Public Property, to be disposed of in the manner provided by law.

Public Records.

CHAPTER 205, LAWS OF 1879.

Very soon after the enrolled law limiting the number of terms to which a person may be eligible to the office of county treasurer, now known as chapter two hundred and five, Laws of 1879, was deposited in this office, I was informed that the Bill (No. 19, A.) for this law had not passed the Legislature. On examination of the Journal of the Assembly, pages 42, 146, 176, 268, 279, 539, 562, 570 and Journal of the Senate, pages 236, 371, 434, I found the record showed such to be the fact. But as it was regularly enrolled, signed and approved, and the question of the validity of such a *prima facie* law had not been settled by the Supreme Court of the State, I did not deem it within my province to take any exceptional action in the premises. Accordingly, I caused the law to be regularly published in the official State paper and to be printed in the volume of the laws for the year.

BOUNTY ON WILD ANIMALS.

The disbursements from the State Treasury on account of bounty paid by the State for killing wolves, lynxes and wild cats, ceased on the eighth day of March last, in consequence of the publication that day of the law repealing the sections of the Revised Statutes theretofore authorizing such payments, so that it is to be borne in mind, in comparing this expense with former years, that the account covers a period of five months and eight days only, instead of a full year.

PUBLIC RECORDS.

Since the finishing of the additional record vault for the State Department, I have caused nearly all the papers and records in my custody to be examined and rearranged therein, in such manner that I have no doubt the work will be hereafter found of great convenience and usefulness. Most of the papers have been put in tin cases, arranged in order of date and subject, and properly numbered and indexed.

Details of Report.

DETAILS OF REPORT.

In the Appendix to this Report the full financial details required by law and the tabular statistics deemed of general interest are arranged in statements as follows:

"A."

Detailed statement of the receipts and disbursements of the several funds belonging to the State.

"B."

Statement showing the relative value of all property subject to taxation, as determined and assessed by the State Board of Assessment for the year 1879.

"C."

Statement of the total valuation of the taxable property in the several counties, as determined by the State Board of Assessment for the year 1879, together with the apportionment of the State and Special Taxes to be levied for said year.

"D."

Abstract from the assessment rolls of the several counties as returned to this Department for the year 1879, showing also the average assessed value of live stock and real estate by Counties, and for the State at large.

"E."

Statement showing valuation of all property, as determined by the County Board of Supervisors, and all taxes levied thereon for the year 1878.

"F."

Statement showing the purposes for which county taxes were expended in 1878.

Details of Report.

"G."

Statement showing the bonded and other indebtedness of the several cities, villages and towns of the State.

"H."

Statement showing the bonded and other indebtedness of the several counties of the State.

"I."

Statement showing the sales of real estate in the several counties for the year ending September 1, 1879, and the *per cent.* of assessed value to consideration in deed.

"K."

Statement of the principal farm products growing at the time of making the annual assessment for the year 1879.

"L."

Statement of the principal farm products grown in 1878.

"M."

Synopsis of reports of Agricultural Societies.

"N."

Summary statement of the number of deaf and dumb, blind, insane and idiotic persons in the several counties of the State.

"O."

Statement of votes given for Representatives in Congress at the general election, held on the 5th day of November, A. D. 1878.

"P."

Statement of votes given for Associate Justice of Supreme Court, and Circuit Judge in the Tenth Judicial Circuit, at the judicial election held on the 1st day of April, A. D. 1879.

Details of Report.

“ Q.”

List of corporations organized under the general laws of the State during the year ending September 30th, 1879.

“ R.”

Abstract of marriages, births and deaths reported to this Department during the year ending December 31st, 1878.

“ S.”

Statistics of prosecutions for criminal offenses in the several counties of the State, for the year ending December 31, 1878, as reported by the Clerks of Courts having criminal jurisdiction.

Respectfully submitted,

HANS B. WARNER,
Secretary of State.

APPENDIX "A."

DETAILED STATEMENT

OF THE

RECEIPTS AND DISBURSEMENTS OF THE SEVERAL FUNDS,

FOR THE FISCAL YEAR ENDING SEPTEMBER 30, 1879.

GENERAL FUND RECEIPTS.

FROM COUNTIES.	<i>For charita- ble institu- tions.</i>	<i>State Tax.</i>	<i>Suit Tax.</i>	
Adams	\$278 13	\$2,226 73	\$21 00	.....
Ashland		1,870 29	13 00	.....
Barron	239 63	2,183 27	24 00	.....
Bayfield		1,033 22		.....
Brown	3,664 61	9,610 91	39 25	.....
Buffalo	356 22	4,124 38	82 00	.....
Burnett	242 99	896 60	3 00	.....
Calumet	1,447 36	6,258 47	24 00	.....
Chippewa	720 44	11,501 84	161 00	.....
Clark	306 39	6,034 57	139 00	.....
Columbia	2,012 85	18,881 89	96 00	.....
Crawford	1,132 22	4,628 74	63 00	.....
Dane	4,709 17	38,621 33	244 00	.....
Dodge	3,122 49	27,469 14		.....
Door	621 27	1,828 28	51 00	.....
Douglas	96 87	1,132 73	5 00	.....
Dunn	1,344 95	5,311 64	142 00	.....
Eau Claire	1,890 46	7,973 13	143 00	.....
Fond du Lac	4,787 49	28,686 56	152 00	.....
Grant	2,801 47	18,885 78	306 00	.....
Green	1,841 80	15,256 93		.....
Green Lake	1,091 13	8,411 79	67 00	.....
Iowa	2,281 85	11,569 49	106 00	.....
Jackson	603 57	3,269 22	91 00	.....
Jefferson	2,684 75	19,051 41	95 00	.....
Juneau	719 20	5,052 54	111 00	.....
Kenosha	1,244 64	10,948 45		.....
Kewaunee	890 09	3,682 75	50 00	.....
La Crosse	2,457 36	10,997 91	112 00	.....

"A."—General Fund Receipts.

	<i>For charitable institutions</i>	<i>State tax.</i>	<i>Suit tax.</i>	
La Fayette	\$1,634 97	\$11,777 56	\$99 00	.....
Lincoln	91 38	2,146 26	36 00	.....
Manitowoc	2,838 64	12,804 31	166 32	.....
Marathon	402 33	5,577 86	168 00	.....
Marquette	594 23	3,179 29	67 00	.....
Milwaukee	9,348 13	110,216 05	907 00	.....
Monroe	983 90	6,757 30	23 00	.....
Oconto	1,492 23	9,027 93	105 00	.....
Outagamie	2,652 75	10,374 00	130 00	.....
Ozaukee	1,019 58	7,901 47	38 00	.....
Pepin	570 25	1,445 72	25 00	.....
Pierce	1,283 74	4,968 15	78 00	.....
Polk	766 98	2,792 31	57 00	.....
Portage	734 59	4,840 37	132 00	.....
Racine	2,455 58	18,043 56	98 00	.....
Richland	1,153 94	5,999 90	60 00	.....
Rock	3,202 94	33,740 85	121 00	.....
St. Croix	1,024 90	8,373 66	244 54	.....
Sauk	1,453 83	12,254 56	128 00	.....
Shawano	556 50	2,899 70	28 00	.....
Sheboygan	2,454 84	17,393 84	91 00	.....
Taylor	46 68	1,592 20	33 00	.....
Trempealeau	689 33	5,438 83	171 00	.....
Vernon	1,366 63	7,305 53	37 00	.....
Walworth	1,664 91	22,167 25	118 00	.....
Washington	1,711 22	12,367 47	59 00	.....
Waukesha	2,219 44	21,489 13	106 00	.....
Waupaca	1,508 00	5,808 58	61 00	.....
Waushara	591 61	3,908 40	54 00	.....
Winnebago	3,918 96	20,578 03	377 00	.....
Wood	772 85	1,818 93	52 00	.....
	<u>\$94,794 66</u>	<u>\$682,388 99</u>	<u>\$6,210 11</u>	<u>\$783,393 76</u>

FROM RAILROAD COMPANIES.

Chicago, Milwaukee and St. Paul Railway Co.....	\$202,555 10	.....
Chicago and Northwestern Railway Co.....	136,729 72	.....
Chicago, St. Paul and Minneapolis Railway Co...	23,254 73	.....
Chippewa Falls and Western Railway Co.....	551 02	.....
Green Bay and Minnesota R. R. Co.....	1,761 75	.....
Milwaukee, Lake Shore and Western R. R. Co. ...	1,204 27	.....
Mineral Point R. R. Co.....	1,287 95	.....
North Wisconsin R. R. Co.....	4,097 48	.....
Pine River Valley and Stevens Point R. R. Co....	80 00	.....
Prairie du Chien and McGregor R. R. Co.....	958 44	.....
Sheboygan and Fond du Lac R. R. Co.....	392 00	.....
Wisconsin Central Railway Co.....	4,599 50	.....
Wisconsin Valley R. R. Co.....	1,406 83	.....
Western Union R. R. Co.....	17,007 67	.....
	<u>395,886 46</u>	

"A."—General Fund Receipts.

FROM PLANK ROAD COMPANIES.		
Fond du Lac Gravel Road Co.....	\$30 60	.....
Milwaukee and Brookfield Turnpike Co.....	20 53	.....
Sheboygan and Calumet Plank Road Co.....	45 67	.....
		\$96 80
FROM TELEGRAPH COMPANIES.		
Milwaukee District Telegraph Co.....	\$17 00	.....
Northwestern Telegraph Co.....	2,288 00	.....
Western Union Telegraph Co.....	814 00	.....
		2,619 00
FROM FIRE INSURANCE COMPANIES.		
Ætna Ins. Co., Hartford, Conn.....	\$1,091 95	.....
American Ins. Co., Chicago, Ills.....	3,368 15	.....
American Central Ins. Co., St. Louis, Mo.....	147 60	.....
Amazon Ins. Co., Cincinnati, Ohio.....	83 86	.....
American Fire Ins. Co., Philadelphia, Pa.....	216 74	.....
Atlantic Fire & Mar. Ins. Co., Providence, R. I.....	3 07	.....
Atlantic Ins. Co., Brooklyn, New York.....	138 26	.....
Allemania Fire Ins Co., Pittsburg, Pa.....	103 46	.....
Amity Ins. Co., New York.....	5 86	.....
Buffalo German Ins. Co., Buffalo, N. Y.....	72 38	.....
British American Assurance Co., Toronto, Canada.....	311 85	.....
Buffalo Ins. Co., Buffalo, N. Y.....	126 16	.....
Concordia Fire Ins. Co., Milwaukee, Wis.....	852 42	.....
Connecticut Fire Ins. Co., Hartford, Conn.....	142 33	.....
Commercial Fire Ins. Co., New York.....	14 13	.....
Commercial Union Assurance Co., of London, Eng.....	209 87	.....
Commonwealth Ins. Co., Boston, Mass.....	105 99	.....
Commerce Ins. Co., Albany, N. Y.....	18 21	.....
Continental Ins. Co., New York.....	2,199 51	.....
Commerce Fire Ins. Co., New York.....	1 00	.....
Detroit Fire & Mar. Ins. Co., Detroit, Mich.....	92 17	.....
Eliot Ins Co, Boston, Mass.....	21 80	.....
Equitable Fire & Mar. Ins. Co., Providence, R. I.....	3 07	.....
Firemen's Fund Ins Co., San Francisco, Cal.....	194 27	.....
Fire Association of Philadelphia, Pa.....	443 83	.....
Faneuil Hall Ins. Co., Boston, Mass.....	105 86	.....
Franklin Fire Ins. Co., Philadelphia, Pa.....	173 99	.....
Firemen's Ins., Co., Newark, N. J.....	82 48	.....
Firemen's Fire Ins. Co., Boston, Mass.....	20 54	.....
Fairfield Fire Ins. Co., South Newark, Mass.....	28 64	.....
Glenn Falls Ins. Co., Glenn Falls, N. Y.....	147 70	.....
Germantown Farmer's M. Ins. Co., Germant'n, Wis.....	536 40	.....
German Ins. Co., Freeport, Ill.....	223 76	.....
Germania Fire Ins. Co., N. Y.....	357 38	.....
German American Ins. Co., N. Y.....	594 95	.....
Greenwich Ins. Co., N. Y.....	64	.....
Girard F. & M. Ins. Co., Phil. Pa.....	206 40	.....
Heckla Fire Ins. Co., Madison, Wis.....	902 38	.....
Home Ins. Co., New York.....	1,783 65	.....
Home Ins Co., Newark, N. J.....	5 40	.....
Hartford Fire Ins. Co., Hartford, Conn.....	1,131 72	.....
Hoffman Fire Ins Co., New York.....	19 95	.....
Howard Ins. Co., N. Y.....	18 15	.....
Hanover Fire Ins. Co., N. Y.....	357 38	.....
Hermann Farmers' Mut. Ins. Co., Hermann, Wis.....	111 23	.....

"A." — General Fund Receipts.

Hudson Ins. Co., Newark, N. J	\$24 17	.....
Hamburg & Bremen Ins. Co. of Germany	123 50	.....
Hartford St Boiler Insp & Ins. Co., Hartford, Conn	75 44	.....
Insurance Co. of North America, Philadelphia ...	1,320 49	.....
Ins. Co. of State of Pennsylvania, Philadelphia, Pa.	67 15	.....
Irving Ins. Co., N. Y.	48 33	.....
Imperial Fire Ins. Co. of London, Eng.	165 28	.....
Lorillard Ins. Co., N. Y.	51 06	.....
Liverpool, Lond. & Globe Ins. Co., Liverpool, Eng.	352 42	.....
Lycoming Fire Ins. Co., Muncy, Pa.	159 20	.....
Lamar Ins. Co., N. Y.	79 64	.....
Lancashire Ins. Co. of Manchester, Eng	297 55	.....
London Assurance Corporation London, Eng.	188 18	.....
La Caisse Generale Ins Co., Paris, France.	94 19	.....
Madison Fire Ins. Co., Madison, Wis ...	483 86	.....
Milwaukee Mec. Mut. Ins. Co., Milwaukee, Wis ..	2,059 23	.....
Millville Mut. F. & M. Ins. Co., Millville, N. J ...	202 68	.....
Merchants' Ins. Co., Providence, R. I.	3 07	.....
Mercantile Ins. Co., Cleveland, Ohio.	65 23	.....
Meriden Fire Ins. Co., Norwalk, Conn.	71 98	.....
Manhattan Fire Ins. Co., N. Y.	264 87	.....
Mechanics' & Traders' Ins. Co., N. Y.	89 98	.....
Manufacturers' F. & M. Ins. Co., Boston, Mass.	108 29	.....
Merchants' Ins Co., Newark, N. J.	154 70	.....
Mercantile Mut. Ins. Co., N. Y.	127 62	.....
Northwestern Nat. Fire Ins. Co., Milwaukee, Wis.	1,122 06	.....
National Fire Ins. Co., Hartford, Conn.	133 85	.....
North British & Mercantile Ins. Co., London, Eng.	652 97	.....
Newark Fire Ins. Co., Newark, N. J.	64 94	.....
Northern Ins. Co., Watertown, N. Y.	149 32	.....
National Fire Ins. Co., New York	40 45	.....
New Hampshire Fire Ins. Co., Manchester, N. H. .	86 52	.....
Niagara Fire Ins. Co., New York	214 46	.....
North German Ins. Co., Hamburg, Germany.	60 47	.....
Northern Assurance Co. London, Eng	165 28	.....
New York City Ins. Co., New York	16 26	.....
New York & Boston Ins. Co., New York	16 88	.....
Orient Ins. Co., Hartford, Conn.	191 18	.....
Orient Mut. Ins. Co., New York	72 80	.....
Phoenix Ins. Co., Hartford, Conn.	717 32	.....
Prescott Ins. Co., Boston, Mass	36 36	.....
Peoples' Ins. Co., Newark, N. J.	69 22	.....
Providence Washington Ins. Co., Providence, R. I.	37 78	.....
Pennsylvania Fire Ins. Co., Philadelphia, Pa.	557 65	.....
Pacific Mut. Ins. Co., New York	13 60	.....
Phoenix Ins. Co., Brooklyn, N. Y.	978 02	.....
Queen Ins. Co., of Liverpool, Eng	334 66	.....
Rochester German Ins. Co., Rochester, N. Y.	87 50	.....
Royal Ins. Co., Liverpool, Eng	368 09	.....
Roger Williams' Ins. Co., Providence, R. I.	121 81	.....
Royal Canadian Ins. Co., Montreal, Can.	148 60	.....
Revere Ins. Co., Boston, Mass.	40 24	.....
St. Joseph Fire & Mar. Ins. Co., St. Joseph, Mo. .	42 87	.....
St. Nicholas Ins. Co., New York	46 90	.....
St. Paul Fire & Mar. Ins. Co., St. Paul, Minn.	1,823 54	.....
Star Fire Ins. Co., New York	33 47	.....
Standard Fire Ins. Co., New York	40 67	.....
Security Ins. Co., New Haven, Conn.	91 19	.....
Scottish Commercial Ins. Co. of Glasgow.	245 74	.....

"A."— General Fund Receipts.

Springfield F. & M. Ins. Co., Springfield, Mass....	\$476 50	.....
Standard Fire Ins. Co., Trenton, N. J.....	31 70	.....
Safeguard Ins. Co., New York	42 09	.....
Shawmut Ins. Co., Boston, Mass.....	27 37	.....
Toledo Fire & Marine Ins. Co., Toledo, O.....	55 71	.....
Transatlantic Ins. Co., Hamburg, Germany	32 99	.....
Trade Ins. Co., Camden, N. Y.....	66 26	.....
Traders' Ins. Co., Chicago, Ill.....	77 25	.....
Union Ins. Co., Philadelphia, Pa.....	33 64	.....
Vernon Co. Scand. Mut. Fire Ins. Co., Viroqua, Wis.	3 82	.....
Washington Fire & Mar. Ins. Co., Boston, Mass....	20 45	.....
Westchester Fire Ins. Co., New Rochelle, N. Y....	196 95	.....
Watertown Fire Ins. Co., Watertown, N. Y.....	436 14	.....
Williamsburg City Fire Ins. Co., Brooklyn, N. Y.	46 32	.....
Western Assurance Co., Toronto, Can	167 52	.....
		\$33,992 03

FROM LIFE INSURANCE COMPANIES.

Aetna Life Ins. Co., Hartford, Conn.....	\$300 00	.....
Continental Life Ins Co., Hartford Conn.....	300 00	.....
Connecticut Mutual Life Ins. Co., Hartford, Conn.	300 00	.....
Charter Oak Life Ins. Co., Hartford, Conn	300 00	.....
Equitable Life Assurance Society of U. S., N. Y ..	300 00	.....
Germania Life Ins. Co., New York	300 00	.....
Home Life Ins. Co., Brooklyn, New York	300 00	.....
Massachusetts Mut. Life Ins. Co., Springfield, Mass	300 00	.....
Mutual Life Ins. Co., New York	300 00	.....
Mutual Benefit Life Ins. Co., Newark, N. J.....	300 00	.....
Manhattan Life Ins. Co., New York	300 00	.....
Northwestern Mut. Life Ins. Co., Milwaukee, Wis.	5,480 73	.....
New England Mut. Life Ins, Co., Boston, Mass....	300 00	.....
National Life Ins. Co., Chicago, Ill.....	300 00	.....
New York Life Ins. Co., New York	300 00	.....
Penn. Mutual Life Ins. Co., Philadelphia, Pa....	300 00	.....
Phoenix Mut. Life Ins. Co., Hartford, Conn	300 00	.....
Provident Savings Life Society, New York.....	300 00	.....
Travelers' Ins. Co., Hartford, Conn.....	300 00	.....
United States Life Ins, Co., New York.....	300 00	.....
Union Mutual Life Ins Co., Augusta, Me.....	300 00	.....
Washington Life Ins. Co., New York	300 00	.....
		11,780 73

FROM HAWKERS AND PEDDLERS

S. Addleson	\$8 75	Moses Arndt.....	\$15 00	.....
James Arkin	7 50	Sylvester Ames	10 00	.....
B. F. Almy.....	2 50	Ike Addison.....	11 25	.....
Henry Allen.....	2 50	Henry Arrans.....	10 00	.....
H. Albright	20 00	B. Bartlestein.....	17 50	.....
Alton & Nichol'n	40 00	A. B. Bensabott.....	23 33	.....
Casper Appell...	20 00	F. W. Brunnest.....	11 67	.....
C. N. Ashby.....	20 00	Bern. Brackman...	20 00	.....
Thomas Adams..	20 00	John P. Baier.....	7 50	.....
C. N. Ashley.....	20 00	M. W. Bowen.....	10 00	.....
H. P. Allen.....	20 00	N. Blumenthal	10 00	.....
E. H. Alcott.....	13 75	H. Bowman.....	8 33	.....
Y. E. Aldennan..	8 33	James Butler	6 25	.....

“A.” — General Fund Receipts.

W. Bom.....	\$7 50	G. L. Cook	\$20 00	.....
Ewin Brickridge	8 33	Michael Conner ...	13 75	.....
Black & Hardy..	11 67	J. F. Collins.....	13 75	.....
E. Belaing	6 67	E. Cronkhite	7 50	.....
E. P. Beeman....	6 66	H D. Donn	8 75	.....
C. F. Burns	5 00	A. B. Dixon	23 33	.....
Henry Brady	3 75	Ludwig Damm	7 50	.....
J. H. Brady	3 75	George Dewey.....	10 00	.....
T. B. Buchannan.	5 00	Jacob Deitz	8 33	.....
J. H. Bromley...	1 67	C. H. Derbyshire ..	6 25	.....
A. C. Browning..	5 00	Michael Dunleavy.	2 50	.....
Jacob Brimm....	2 50	Frances Dunleavy .	2 50	.....
James Brennan..	18 33	Mich. Daniels	2 50	.....
H. Brin	2 50	Ross. Duffy.....	1 25	.....
W. M. Beaver....	1 25	J. H. DeBruyn	15 00	.....
Charles Brown...	20 00	Ludwig Damm	15 00	.....
George A. Bagley	20 00	J. H. Dolen	40 00	.....
H. H. Black.....	40 00	J. H. Dunham	20 00	.....
Andrew Byoen...	14 18	Jas. Deitz	18 33	.....
H. Bruchsher....	20 00	Myron E. Dow	18 33	.....
Pet'r Berkenstock	20 00	Morris Davis.....	12 50	.....
John Bonde	15 00	John Driscall	11 25	.....
Meyer Burton ...	15 00	F. C. Duncan....	15 00	.....
Michael Brokup .	20 00	Ross Duffy.....	11 25	.....
Harvy M. Butler.	15 00	Hans Evanson.....	8 75	.....
A. Black	20 00	M. J. Evans	7 50	.....
Chas. Burbue....	20 00	J. A. Edwards.....	10 00	.....
August Bremer..	20 00	Frank Elliott.....	3 75	.....
Nelson Bolen...	20 00	Chas. Erbstraser...	3 33	.....
L. Brandies	16 25	L. Epstein	1 25	.....
F. Barfknecht ..	15 00	Carl Ehrhardt.....	20 00	.....
Geo. A. Bagley ..	20 00	Thos. Eggleston...	14 18	.....
S. & J. Barkelow.	20 00	Walter Fausch....	11 67	.....
Albert Bullis	18 33	Jac. Frendenfeld..	8 75	.....
Julius Block.....	12 50	Abram Frezinsky..	7 50	.....
C. F. Barber.....	12 50	D. E. Farnam.....	11 67	.....
Conrad Bust.....	10 00	John Fanning.....	7 50	.....
Wm. Blank.....	13 33	John Finn	8 33	.....
J. B. Churchy....	23 33	W. S. Fenno.....	5 00	.....
John Cory.....	5 00	D. F. Fox.....	3 33	.....
Isaac Cohen.....	8 75	W. R. Frary.....	2 50	.....
Arthur Cahn.....	7 50	J. W. Forques....	40 00	.....
Benj. Carlisle..	10 00	W. S. Fertie.....	1 25	.....
A. B. Coats.....	5 00	Abram Frizasky...	15 00	.....
Israel Cohen.....	5 00	A. K. Frank.....	15 00	.....
M. A. Cool	3 75	Phil. Fink	15 00	.....
Thos. Cleary	10 00	Wm. Fry	15 00	.....
D. T. Childs	26 67	John Ferald.....	16 67	.....
J. Connelly, Jr ..	2 50	Thos. C. Forbes...	16 67	.....
J. Connelly, Sr ..	2 50	Samuel B. Fulier..	76 66	.....
E. D. Catlin	1 67	B. F. Faust.....	11 25	.....
Orlando Case....	1 67	W. P. Fitzgerald..	10 00	.....
J. W. Crittenden.	15 00	Mich'l Fitzgerald..	15 00	.....
Isaac Cohen.....	15 00	Geo. B. Follett....	15 00	.....
O. M. Case	20 00	Wm. Grabsch.....	11 67	.....
A. Cohen	15 00	J. O. Gard.....	13 33	.....
Max Cohen	15 00	Jos. Goldberg.....	8 75	.....
A. D. Chase.....	20 00	M. Ginsberg.....	7 50	.....
Alois Chapeck...	20 00	A. E. Gilmore.....	5 00	.....

“A.”—General Fund Receipts.

S. A. Gilmore....	\$5 00	Hugh F. Hughs....	\$16 67	.....
James Gallagher.	5 00	Michael Herraus ..	10 00	.....
A. Golden.....	5 00	Hendesk Janse....	10 00	.....
W. H. Gray.....	1 25	Matthew Joseph....	15 00	.....
Jas. Gallagher...	15 00	Thomas Jones.....	1 67	.....
John Golding....	20 00	Isaac Joseph.....	15 00	.....
Jos. Goldberg....	15 00	Lewis Joseph.....	15 00	.....
James Giles.....	20 00	B. Joseph.....	15 00	.....
Richard Geschke.	20 00	Soren Johnson....	20 00	.....
A. Goldstone....	20 00	A. Jenkinson.....	20 00	.....
Wm. H. Gray....	15 00	J. J. Johnson.....	40 00	.....
John Gautsch....	20 00	Nathan Joseph....	8 72	.....
John Gleason....	20 00	W. Jungeblatt....	15 00	.....
J. W. Granger....	40 00	Thos. C. Johnson...	15 00	.....
A. Gaulding....	20 00	C. W. Krembs....	5 84	.....
Carl Grand.....	18 33	Florent Kaufer....	10 00	.....
J. O. Gara.....	10 00	A. Kimpton.....	11 67	.....
K. Goldblum....	10 00	Patrick Kenney....	10 00	.....
Joseph Herrón ..	8 75	A. Kauffmann....	7 50	.....
W. P. Haines....	8 75	Thos. Kimball....	6 25	.....
George E. Hall... 11 67		Wm. Kavanaugh... 13 33		.....
John Hyland.... 8 75		G. G. Keyes..... 6 67		.....
E. Hall..... 8 75		B. Krimer..... 15 00		.....
H. W. Harrington 8 75		L. Kablanka..... 15 00		.....
Patrick Hamill.. 7 50		Walter Keyes.... 40 00		.....
George Hampton. 7 50		Nicholas Kalums.. 20 00		.....
M. Hahn..... 7 50		Nathan Kaufer.... 20 00		.....
Dagobut Harden. 7 50		Christoph Kurz.... 15 00		.....
Anton Hillig.... 5 00		Jacob Katz..... 40 00		.....
E. P. Hapgood .. 5 00		A. Kimpton..... 18 33		.....
Geo. Haylett.... 5 00		Otto Klein..... 16 67		.....
C. Hummetman.. 6 67		IsadoreKaufman... 20 00		.....
Marks Harwick.. 3 75		B. Levinsky..... 7 50		.....
A. A. Harwell... 3 33		Jacob Levy.... 8 75		.....
E. H. Hart..... 2 50		J. Laut rback.... 10 00		.....
A. A. Hardil.... 3 33		M. O. Linquist.... 7 50		.....
John Hartell... 2 50		G. A. Lance..... 6 67		.....
J. G. Hatch.... 1 67		A. L. Loomis..... 20 00		.....
John Holden.... 20 00		J. H. Lamphere... 5 00		.....
Daniel Harshman 20 00		W. H. Lewis..... 3 33		.....
C. Hardwell.... 20 00		W. Langs..... 2 50		.....
Walter Hare.... 20 00		John Lloyd..... 15 00		.....
M. Hegman.... 15 00		F. Link..... 1 25		.....
W. P. Hames.... 15 00		F. Linksweller... 1 25		.....
S. Harris..... 15 00		H. Lewis..... 15 00		.....
Abram Horwitz . 15 00		Lewis Levergier.. 20 00		.....
John Horwitz... 15 00		J. T. Loes..... 20 00		.....
A. A. Hardie.... 40 00		J. Levy..... 15 00		.....
Joseph Harrison. 15 00		G. Lohman..... 20 00		.....
Barten Hansen.. 20 00		Samuel Lewis.... 15 00		.....
C. B. Hinchel... 40 00		Jacob Levy..... 15 00		.....
Adam F. Huber.. 36 67		F. E. Legler..... 40 00		.....
John M. Harris.. 18 33		Jacob Levy..... 15 00		.....
Hamilton & Co.. 13 75		J. A. Lamphere... 20 00		.....
Hamilt'n & Sarg't 91 67		P. Laskowske.... 20 00		.....
Frank Holmes.. 12 50		H. Lucksinger.... 36 67		.....
D. Henwood.... 11 25		C. E. Lloyd..... 36 67		.....
Thos. Hennesy .. 11 25		Louis Laska..... 12 50		.....
Christ Horsch... 15 00		Geo. Liebel..... 15 00		.....

“A.”—General Fund Receipts.

John J. Lynch...	\$11 25	Berzelus O'Hara...	\$20 00
Peter McGoorty..	8 75	Peter Orlebcke...	20 00
J. W. McCleary..	5 84	P. O'Hallaman....	13 75
Ira McIntyre....	10 00	Wm. O'Brien.....	13 75
Al. McAlister...	8 33	L. Olcese.....	16 67
J. H. McGrillis..	6 25	J. S. Pardee.....	8 75
T. McGovern....	5 00	J. Phelps.....	6 25
D. McGlachlin..	5 00	O. O. Pinney.....	3 33
John McGrarl...	6 67	J. J. Poulton....	3 75
John McGinley..	1 25	John C. Pier.....	3 75
James McMahan	1 25	John Peterson....	5 00
J. L. McKelvey..	1 25	J. F. Brindle.....	3 33
Peter McGoorty..	15 00	O. R. Patch.....	2 50
J. L. McKelvey..	15 00	Ernst Pommer....	1 25
James McGovern	20 00	Welcome Peck....	3 33
James McMahan	13 75	Jacob Pohnmski..	1 67
James McKenna..	12 50	A. F. Pritzlaff....	20 00
James McHale..	11 25	O. R. Patch.....	15 00
J. F. McGovern..	15 00	John T. Prindle...	20 00
Patrick McArdle	13 33	S. Pellman.....	15 00
Phil. McArdle...	13 33	W. H. Peck.....	20 00
W. J. Mansfield.	10 00	S. M. Posner.....	18 33
Patrick Menoin..	7 50	J. F. Phillips....	16 67
Joseph Meyer...	7 50	Chas. Poleski....	16 67
Wm. Mading....	6 25	John Perley.....	8 33
Fred. Martshke..	6 67	Christian Pfeifer..	18 33
A. Mark.....	2 50	John S. Perry....	30 00
J. L. Marvin.....	6 67	J. C. Pry.....	20 00
Jos. D. Moffett..	3 33	James Quinn.....	8 33
R. Morris.....	2 50	Frank Quigley....	21 67
Louis G. Munk..	2 50	Michael Quickly..	15 00
B. Moses.....	15 00	Wm. Richmond....	11 70
H. H. Marvin....	40 00	Chas. Rogers.....	10 00
J. L. Marvin.....	20 00	B. Robins.....	100 00
Henry Mentos...	21 67	B. Rosenband....	5 00
Isidor Meyer....	15 00	L. J. Raider.....	6 67
C. E. Miller....	100 00	M. Rodenkorch...	3 33
Albert Morse....	20 00	Joseph Reith....	2 50
T. L. Mullenix...	40 00	Wolf. Roesman...	15 00
Thad. Matschke..	20 00	J. Rosenblum....	15 00
Carl Meising....	20 00	Jacob Railling....	20 00
J. Mock.....	40 00	W. Ringer.....	15 00
Fred Mueller....	20 00	A. Ringer.....	15 00
W. J. Mansfield.	20 00	J. L. Robinson....	20 00
Eugene Merrill..	20 00	Julius Ranke....	20 00
M. Meissner....	20 00	Chas. Rosenberg..	15 00
L. Millington....	40 00	Phil. Ritman....	40 00
Susie Marsh....	10 00	J. Rosenthal....	15 00
Wm. E. Mason..	16 67	J. Rosenfeld....	13 75
Matthew Margat.	15 00	Wm. Rothchild...	18 33
Henry Myers....	10 00	John Richards...	18 33
E. Newell.....	3 75	J. Rosebaum....	4 10
R. Nugenfeld...	20 00	John Richards...	16 67
Nels P. Nelson...	15 00	S. Rosenzwred....	15 00
Lewis Noble....	20 00	C. W. Rehfeld....	16 67
Peter Orlebcke..	8 33	J. Summerfield...	23 33
W. Olmstadt....	5 00	E. S. Stewart....	8 75
Fred Oelhafen...	5 00	Joseph Shams....	10 00
Daniel O'Bryen..	5 00	M. Schnodschenske	7 50

“A.”—General Fund Receipts.

Frederick Sell.....	\$10 00	Wm. Vonderhorst.....	\$20 00	.....
John Schlunn.....	5 00	E. W. VanWickle.....	20 00	.....
John Schroeder.....	6 67	I. S. Vaughn.....	12 50	.....
Franz Schrupp.....	3 75	A. S. Whitman.....	11 67	.....
August Stande.....	3 75	Christian Wolf ..	10 00	.....
C. H. Lewis.....	15 00	C. H. Winslow ..	6 25	.....
Fred M. Smith.....	3 33	Barnell Wesetzki	5 00	.....
Chas. H. Story.....	6 67	C. Wardwell.....	8 33	.....
H. E. Story.....	6 67	J. W. Warner.....	5 00	.....
C. A. Stoller.....	1 67	E. T. Woodward..	2 50	.....
Alex. Schwarz.....	15 00	John Woller.....	3 33	.....
W. Stodner.....	20 00	S. K. Whitner.....	2 50	.....
Chas. Story.....	40 00	W. J. Woodward..	2 50	.....
W. B. Stoddard.....	160 00	A. Winslow.....	84	.....
Abram Simon.....	20 00	Albert Warner..	43 33	.....
Henzel Schubert...	40 00	Owen Wesley...	1 67	.....
B. Swinski.....	20 00	M. S. Weir.....	1 25	.....
Samuel Stenpy....	10 00	L. J. Walder.....	40 00	.....
R. W. Smith.....	40 00	Deitrich Wagner	20 00	.....
H. J. Sullivan.....	20 00	S. Winsberg.....	15 00	.....
Andrew Stentz ...	20 00	Edward Wehr...	15 00	.....
John Schmeider...	20 00	Am. Whittimore..	15 00	.....
Mar. Sherlock.....	15 00	H. Winsberg....	15 00	.....
Samuel Stussy.....	3 33	J. Weller.....	20 00	.....
Louis Simon.....	15 00	L. L. Wood.....	20 00	.....
Ann Sharlock.....	15 00	Ed. Waldron....	1 25	.....
Peter Sternkiller...	20 00	J. M. Wigginton..	40 00	.....
Abraham Simon...	15 00	W. J. Warner....	15 00	.....
Johan Schilke.....	20 00	F. P. Wilmot....	15 00	.....
Frank Sernch.....	20 00	Fred Walf.....	40 00	.....
Bridget Sherlock ..	15 00	A. W. Wood.....	12 50	.....
Jacob Sheperd....	15 00	Robert Wesley...	12 50	.....
Joseph Suckoff....	13 75	Geo. Williamson.	16 67	.....
Henry Spaulding..	13 75	T. W. Wright...	20 00	.....
J. Shankland.....	20 00	C. M. Williams..	11 25	.....
A. Sternberger....	11 25	Chs. J. Wallace..	15 00	.....
Harvey Springer ..	10 00	John W. Wallin..	15 00	.....
Frederick Sette....	15 00	Joseph Yager ...	7 50	.....
Albert Theile.....	3 33	C. W. Youngman	40 00	.....
Wm. E. Turner.....	20 00	Alex. Zippiner..	25 00	.....
Wm. Toltzman.....	20 00	Wm. Zurath.....	30 00	.....
Joshua Tearl.....	10 00	Erdman Zander..	13 33	.....
Aug. Van Dusen...	21 67			\$6, 818 72

FROM SUNDRY SOURCES.

Secretary of State, fees from notaries.....	\$1, 228 00	.....
Secretary of State, fees from office.....	438 56	.....
Commissioners of Public Lands, Fees.....	1, 216 96	.....
State Librarian, Wisconsin Reports sold.....	3, 935 50	.....
Superintendent of Public Property, laws sold.....	2, 672 45	.....
Superintendent of Public Property, steam boiler.. sold.....	225 00	.....
Superintendent of Public Property, iron chain.. sold.....	102 37	.....
State Superintendent, State maps sold.....	100 00	.....
Income Penalty.....	3, 126 35	.....
Trespass Penalty.....	60 83	.....

"A."—General Fund Disbursements.

Marathon County land sales.....	\$211 69	.....
Bank Department, publishing bank reports.....	87 00	.....
Carpenter & Tenney, overpayment of printing bill.....	15 20	.....
Attorney General, <i>in re</i> State v. City of Duluth..	70 65	.....
Governor, part of appropriation for State Library.....	997 46	.....
Governor, fees of Commissioners of Deeds.....	260 00	.....
American Express Co., charges refunded.....	2 50	.....
		14,750 52
Total receipts.....		\$1,249,338 02

"A."—GENERAL FUND DISBURSEMENTS.

FOR SALARIES AND PERMANENT APPROPRIATIONS.		
<i>Governor's Office—</i>		
William E. Smith, Governor, salary..	\$5,000 00	.....
James M. Bingham, Lt. Gov., salary..	1,000 00	.....
G. W. Burchard, Gov.'s Private Sec'y.	1,600 00	.....
		\$7,600 00
<i>Secretary's Office—</i>		
Hans B. Warner, Sec. of State, salary..	\$5,000 00	.....
Frank H. Putney, Ass't Sec'y, salary..	2,000 00	.....
		7,000 00
<i>State Treasurer's Office—</i>		
Richard Guenther, Treasurer, salary..	\$5,000 00	.....
Rob't McCurdy, Ass't Treas., salary..	2,000 00	.....
		7,000 00
<i>Attorney General's Office—</i>		
Alexander Wilson, Att'y Gen'l, salary..	\$3,000 00	.....
W. H. Chynoweth, Ass't Att'y Gen., sal.	2,000 00	.....
		5,000 00
<i>State Superintendent's Office—</i>		
W. C. Whitford, State Supt., salary...	\$1,200 00	.....
W. C. Whitford, State Supt., expenses.	1,500 00	.....
W. C. Whitford, State Supt., clerk hire.	1,000 00	.....
John B. Pradt, Ass't Supt., salary...	1,800 00	.....
W. C. Whitford, books of reference ..	150 00	.....
		5,650 00
<i>Railroad Commission—</i>		
A. J. Turner, R. R. Comm'r, salary...	\$3,250 00	.....
A. J. Turner, R. R. Comm'r, expenses.	452 75	.....
J. H. Foster, Sec. of R. R. Com., salary.	1,200 00	.....
J. H. Foster, Poor's Manual for R. Rs.	5 55	.....
W. J. Park & Co., binding Reports '75.	10 50	.....
		4,918 80
<i>Public Property Office—</i>		
Q. H. Barron, Superintendent, salary..	\$1,916 99	.....
Q. H. Barron, Purchasing Agent.....	83 00	.....
		1,999 99

“A.” — General Fund Disbursements.

<i>Supreme Court —</i>			
Edward G. Ryan, Chief Justice, salary.	\$5,000 00	.....	.....
O. Cole, Associate Justice, salary . . .	5,000 00	.....	.....
W. P. Lyon, Associate Justice, salary.	5,000 00	.....	.....
H. S. Orton, Associate Justice, salary.	5,000 00	.....	.....
D. Taylor, Associate Justice, salary..	5,000 00	.....	.....
Clarence Kellogg, Clerk, per diem...	510 00	.....	.....
Clarence Kellogg, Clerk, fees.....	330 75	.....	.....
O. M. Conover, Reporter	3,000 00	.....	.....
J. P. Paine, Secretary for Justices....	1,200 00	.....	.....
John A. Byrne, Crier	218 00	.....	.....
			\$30,258 75
<i>Circuit Courts —</i>			
John Wentworth, Judge 1st circuit..	\$3,000 00	.....	.....
David W. Small, Judge, 2d circuit...	3,000 00	.....	.....
David Pulling, Judge, 3d circuit ...	3,000 00	.....	.....
Campbell McLean, Judge, 4th circuit	3,000 00	.....	.....
M. M. Cothren, Judge, 5th circuit...	3,000 00	.....	.....
A. W. Newman, Judge, 6th circuit...	3,000 00	.....	.....
Gilbert L. Park, Judge, 7th circuit...	3,000 00	.....	.....
Egbert B. Bundy, Judge, 8th circuit ..	3,000 00	.....	.....
Alva Stewart, Judge, 9th circuit.....	3,000 00	.....	.....
E. Holmes Ellis, Judge, 10th circuit.	823 97	.....	.....
Geo. H. Myers, Judge, 10th circuit ..	2,176 03	.....	.....
Henry D. Barron, Judge, 11th circuit	3,000 00	.....	.....
H. S. Conger, Judge, 12th circuit....	3,000 00	.....	.....
			36,000 00
<i>State Library —</i>			
J. R. Berryman, Librarian, salary ...	\$1,500 00	.....	.....
J. R. Berryman, books for library ...	437 07	.....	.....
Roswell & Hutchinson, books.....	12 36	.....	.....
H. Campbell & Co., books.....	5 00	.....	.....
W. Gould & Son, books.....	327 00	.....	.....
Governor of Wisconsin, books	1,300 01	.....	.....
Little, Brown & Co., books	125 00	.....	.....
Stevens & Haynes, books	66 75	.....	.....
Pub. North American Review, books.	6 00	.....	.....
Pub. of Central Law Journal, books .	5 00	.....	.....
S. Reynolds, books	6 00	.....	.....
Houghton & Osgood, books.....	10 00	.....	.....
Ingraham, Clark & Co., books.....	3 00	.....	.....
G. J. Jones, books.....	5 00	.....	.....
Leonard Scott, books	15 00	.....	.....
W. H. Stevenson, books.....	1 25	.....	.....
			3,824 44
<i>State Historical Society —</i>			
Lyman C. Draper, Secretary, salary..	\$1,200 00	.....	.....
D. S. Durrie, Librarian, salary	1,600 00	.....	.....
I. S. Bradley, Ass't Librarian, salary.	720 00	.....	.....
Treas. of Society, appropriation.....	5,000 00	.....	.....
			8,520 00
<i>State University —</i>			
University Fund Inc., Sec. 390, R. S. .		41,310 30	.....
<i>State Board of Charities and Reform —</i>			
H. H. Giles, member, expenses.....	\$250 98	.....	.....
W. W. Reed, member, expenses.....	86 13	.....	.....
A. E. Elmore, member, expenses.....	244 06	.....	.....
T. D. Kanouse, Secretary, salary.....	1,533 32	.....	.....

“A.” — General Fund Disbursements.

T. D. Kanouse, Secretary, expenses..	\$293 65		
H. H. Giles, Secretary, salary.....	91 68		
H. H. Giles, Secretary, expenses.....	49 83		
		\$2,549 65	
<i>Land Protection —</i>			
A. T. Colburn, timber agent, salary ..	\$550 00		
A. T. Colburn, timber agent, expenses	122 89		
M. H. McCord, timber agent, salary..	700 00		
M. H. McCord, timber agent, expenses	180 04		
Robt. Marriner, timber agent, salary..	753 33		
Robt. Marriner, timber agent, expenses	45 20		
Chas. E. Mears, timber agent, salary..	600 00		
Chas. E. Mears, timber agent, expenses	234 55		
Ed. Scofield, timber agent, salary....	600 00		
Ed. Scofield, timber agent, expenses..	311 50		
Wm. Wall, timber agent, salary.....	450 00		
Wm. Wall, timber agent, expenses,..	108 50		
		4,661 01	
<i>State Board of Health —</i>			
J. T. Reeve, secretary, expenditures..	\$3,798 51		
David Atwood, printing reports	169 07		
David Atwood, printing circulars.....	73 40		
		4,040 98	
<i>Fish Commission —</i>			
Treas. of Commission, fish culture....		5,000 00	
<i>School Fund Income —</i>			
Interest, section 247, R. S.....		7,088 36	
<i>Interest on State Indebtedness —</i>			
On State bonds	\$900 00		
School Fund.....	109,179 00		
Normal School Fund	36,099 00		
University Fund.....	7,770 00		
Agricultural College Fund	3,612 00		
		157,560 00	
			\$339,982 28

FOR LEGISLATIVE EXPENSES.

<i>Senators —</i>	<i>Salary.</i>	<i>Mileage.</i>	
Matthew*Anderson.....	\$350 00	\$4 00	
Abraham D. Andrews	350 00	66 00	
Dana R Bailey	350 00	46 40	
George B. Burrows.....	350 00		
Joseph B. Bennett	350 00	8 00	
Archibald Campbell.....	350 00	10 00	
William E. Chipman	350 00	20 00	
Charles L. Dering.....	350 00	13 80	
George Grimmer	350 00	41 40	
Andrew Haben.....	350 00	38 00	
Oscar C. Hathway.....	350 00	21 00	
Horace E. Houghton	350 00	47 00	
Edwin Hyde.....	350 00	20 00	
Thomas R. Hudd.....	350 00	42 00	
John A. Kellogg.....	350 00	38 00	
Alonzo A. Loper	350 00	37 00	
Edward C. McFetridge ...	350 00	24 00	

"A."— General Fund Disbursements.

Lyman Morgan	\$350 00	\$25 00	.....
George H. Paul.....	350 00	20 00	.....
William T. Price.....	350 00	26 00	.....
Joseph Rankin.....	350 00	36 00	.....
Benoni O. Reynolds....	350 00	19 40	.....
John A. Rice	350 00	17 60	.....
Hamilton Richardson ..	350 00	8 00	.....
George N. Richmond....	350 00	40 00	.....
Hobart S. Sackett.....	350 00	40 00	.....
Thomas B. Scott.....	350 00	30 00	.....
George W. Swain.....	350 00	31 80	.....
Joseph B. Treat	350 00	16 00	.....
Isaac W. Van Schaick..	350 00	20 00	.....
Gysbert Van Steenwyk .	350 00	28 00	.....
David E. Welch.....	350 00	8 00	.....
Louis Wolf	350 00	37 00	.....
	<u>\$11,550 00</u>	<u>\$879 40</u>	.....
			\$12,429 40
<i>Senate Employees —</i>			
Charles E. Bross, chief clerk		\$342 00	.....
W. S. Reynolds, assistant clerk		285 00	.....
T. S. Ansley, bookkeeper.....		285 00	.....
Thomas A. Dyson, proof reader		228 00	.....
A. J. Smith, enrolling clerk		228 00	.....
J. P. Mitchell, engrossing clerk.....		228 00	.....
Fred. R. Richards, transcribing clerk.....		228 00	.....
J. G. Hyland, chief clerk's messenger		114 00	.....
Florence Mitchell, extra clerk		133 00	.....
Fanny S. Russell, extra clerk.....		115 50	.....
C. V. Reddy, extra clerk		52 80	.....
Georgie Clise, extra clerk		64 00	.....
Isa Phelps, extra clerk		62 00	.....
Lizzie Camack, extra clerk.....		55 00	.....
Clara Trask, extra clerk		50 00	.....
Fred Roessner, extra clerk		81 00	.....
J. Z. Ritman, extra clerk.....		46 50	.....
A. L. Sleeper, extra clerk.....		27 00	.....
Lina Wood, extra clerk		16 05	.....
A. J. Rice, extra clerk		18 00	.....
T. H. Brand, extra clerk		98 10	.....
W. D. Welch, extra clerk		27 00	.....
A. A. Hopkins, extra clerk		18 00	.....
W. L. St. John, extra clerk.....		60 00	.....
Thomas T. Thomas, extra clerk.....		60 00	.....
F. S. Stickle, extra clerk		60 00	.....
F. S. Nickey, extra clerk.....		20 10	.....
A. H. Burns, extra clerk		15 00	.....
E. L. Burnett, extra clerk		20 10	.....
William Welch, extra clerk		60 00	.....
A. A. Hopkins, extra clerk.....		60 00	.....
Fannie Glazier, extra clerk.....		26 00	.....
Chalmers Ingersoll, sergeant-at-arms.		285 00	.....
Wm. A. Adamson, ass. sergt-at-arms..		228 00	.....
O. N. Russell, postmaster		228 00	.....
A. C. Martin, assistant postmaster....		199 50	.....
Amund Knutson, doorkeeper.....		171 00	.....

"A." — General Fund Disbursements.

M. Simons, doorkeeper.....	\$171 00		
John Halls, doorkeeper.....	171 00		
E. T. Saugstad, doorkeeper.....	171 00		
Otto A. Kluetz, gallery attendant.....	171 00		
H. M. Page, gallery attendant.....	171 00		
W. Graham, document room clerk.....	199 50		
Eugene A. Steer, night watch.....	171 00		
William McCann, janitor.....	171 00		
Ole Stevenson, janitor.....	171 00		
John Redman, porter.....	171 00		
H. Fertig, com. room attendant.....	171 00		
T. O'Connor, room attendant.....	171 00		
John Barrows, messenger.....	114 00		
Joseph A. Campbell, messenger.....	114 00		
Joseph G. Gunkel, messenger.....	114 00		
James H. Welch, messenger.....	114 00		
George Roe, messenger.....	114 00		
Thomas Farnes, messenger.....	114 00		
Harry M. Hathaway, messenger.....	114 00		
Alonzo Loper, messenger.....	114 00		
H. M. Pierce, clerk Judiciary com.....	199 50		
A. Townsend, clerk Engrossing com.....	199 50		
W. L. Houser, clerk Enrolling com.....	199 50		
Chas. E. Bross, opening session.....	50 00		
Chas. E. Bross, indexing Journal.....	200 00		
Chas. E. Bross, transcribing Journal.....	250 00		
		\$8,385 65	
<i>Members of Assembly —</i>			
D. M. Kelly, speaker.....	\$350 00	<i>Mileage.</i>	
James Allan.....	350 00	\$29 20	
Anson C. Allen.....	350 00	20 00	
Henry Ausman.....	350 00	45 00	
Elihu Bailey.....	350 00	17 00	
James Barry.....	350 00	45 00	
Samuel Barter.....	350 00	36 00	
John Bentley.....	350 00	20 00	
John W. Blackstone.....	350 00	32 00	
Henry C. Bottum.....	350 00	36 60	
John Bradley.....	350 00	28 00	
John Brindley.....	350 00	14 00	
John D. Bullock.....	350 00	12 00	
Richard J. Burdge.....	350 00	12 20	
Charles A. Cady.....	350 00	12 60	
John Carel.....	350 00	41 40	
John Carey.....	350 00	38 00	
William E. Carter.....	350 00	34 80	
Samuel R. Clark.....	350 00	40 00	
Edwin D. Coe.....	350 00	10 00	
Frederick T. Condit.....	350 00	30 60	
James D. Condit.....	350 00	22 00	
Geo. G. Cox.....	350 00	34 00	
John W. De Groff.....	350 00	46 00	
Ely B. Dewing.....	350 00	17 00	
James Davison.....	350 00	20 00	
La Fayette Eastman.....	350 00	31 60	
Jacob Eckhardt.....	350 00	32 00	
Alexander P. Ellinwood.....	350 00	11 00	
Norton J. Field.....	350 00	25 00	

"A."—General Fund Disbursements.

Henry P. Fischer	\$350 00	\$20 00	.....	.....
Wm. H. Fitzgerald.....	350 00	25 00	.....	.....
William Fleming	350 00	9 00	.....	.....
Hezekiah Flinn.....	350 00	8 00	.....	.....
Milan Ford.....	350 00	39 00	.....	.....
John G. Frank.....	350 00	27 20	.....	.....
George L. Frost.....	350 00	35 60	.....	.....
Charles R. Gallett.....	350 00	8 00	.....	.....
William Gardiner.....	350 00	10 20	.....	.....
William Geise	350 00	6 00	.....	.....
Alvarus E. Gilbert	350 00	17 00	.....	.....
Albert L. Gray.....	350 00	34 80	.....	.....
Philip Greening	350 00	34 00	.....	.....
Judson G. Hart.....	350 00	20 00	.....	.....
Nils P. Haugen.....	350 00	65 80	.....	.....
Ulrick Hemmi.....	350 00	11 40	.....	.....
W. H. Hemschemeyer....	350 00	36 00	.....	.....
James Hill.....	350 00	53 00	.....	.....
Bcel E. Hutchinson.....	350 00	.....	.....	.....
Julius G. Ingram.....	350 00	40 00	.....	.....
Wm. W. Johnson.....	350 00	20 80	.....	.....
David M. Kelly.....	350 00	34 80	.....	.....
Edward Keogh	350 00	20 00	.....	.....
Nelson La Due.....	350 00	30 00	.....	.....
Charles G. Lewis.....	350 00	2 80	.....	.....
Allen P. Lovejoy.....	350 00	8 00	.....	.....
George H. Markham	350 00	36 00	.....	.....
Albert L. Mason	350 00	14 00	.....	.....
Charles A. Masse.....	350 00	60 00	.....	.....
Thomas W. McDill.....	350 00	34 00	.....	.....
Hector C. McRae.....	350 00	42 50	.....	.....
Fordyce R. Melvin.....	350 00	3 20	.....	.....
Joseph T. Mills.....	350 00	19 00	.....	.....
Franklin Mitchell.....	350 00	16 00	.....	.....
Jacob H. Muckerheide...	350 00	28 20	.....	.....
James Mallowney.....	350 00	14 20	.....	.....
James W. Murphy.....	350 00	12 00	.....	.....
Henry F. C. Nichols.....	350 00	16 00	.....	.....
John O'Flaherty	350 00	42 00	.....	.....
James W. Ostrander.....	350 00	11 00	.....	.....
John C. Petersen.....	350 00	40 00	.....	.....
Atley Peterson.....	350 00	24 00	.....	.....
Lorenzo L. Post.....	350 00	40 00	.....	.....
John Potter, jr	350 00	38 00	.....	.....
Daniel H. Pulcifer.....	350 00	42 40	.....	.....
Joseph V. Quarles.....	350 00	27 00	.....	.....
Christopher S. Raesser....	350 00	20 00	.....	.....
Joseph B. Reynolds.....	350 00	37 60	.....	.....
John Ringle	350 00	38 00	.....	.....
Wilbur M. Root.....	350 00	30 60	.....	.....
John Sanderson.....	350 00	12 40	.....	.....
Christian Sarnow	350 00	20 00	.....	.....
John Scanlon.....	350 00	47 60	.....	.....
Edward B. Simpson.....	350 00	20 00	.....	.....
Thomas W. Spence.....	350 00	32 00	.....	.....
Henry Spiering	350 00	30 80	.....	.....
Francis Steffen	350 00	48 00	.....	.....
Mathias Theisen	350 00	7 00	.....	.....

“ A.” — General Fund Disbursements.

Michael Thelen	\$350 00	\$30 60		
Joseph M. Thomas.....	350 00	11 00		
George R. Vincent	350 00	21 00		
William J. Vincent	350 00	72 00		
Edward C. Wall	350 00	20 00		
William Wall	350 00	38 00		
William H. Washburn....	350 00	16 00		
Hiram W. Webster.....	350 00	38 00		
Christian Widule	350 00	20 00		
Roger Williams.....	350 00	20 00		
Niran H. Withee.....	350 00	35 00		
William Zander.....	350 00	36 00		
	<u>\$35,000 00</u>	<u>\$2,670 50</u>	\$37,670 50	
<i>Assembly Employes.</i>				
J. E. Eldred, chief clerk		\$342 00		
W. M. Fogo, first assistant clerk		285 00		
S. L. Perrine, second assistant clerk		285 00		
O. A. Southmayd, book-keeper		285 00		
T. J. Vaughn, engrossing clerk		228 00		
F. S. Lawrence, enrolling clerk		228 00		
F. W. Rogers, transcribing clerk		228 00		
H. O. Fifield, proof reader		228 00		
M. Sellers, extra clerk		160 05		
F. M. Vaughn, extra clerkn.....		153 30		
J. M. Tate, extra clerk		105 15		
M. D. McHenry, extra clerk		114 75		
Ella Hutson, extra clerk		167 70		
F. B. Sanders, extra clerk		180 55		
K. L. Wood, extra clerk		149 90		
Mary Johnson, extra clerk		23 25		
G. W. Banks, extra clerk		75 20		
George W. Stoner, extra clerk		68 20		
Simeon McDonald, extra clerk		38 55		
Frank Markle, extra clerk		21 00		
Dana C. Lamb, extra clerk		14 10		
Janet Mc. I. Tappan, extra clerk		83 20		
S. E. Taylor, extra clerk		25 65		
Clara Trask, extra clerk		31 50		
Fanny Glazier, extra clerk		49 00		
C. V. Reddy, extra clerk		38 00		
J. V. Fryer, extra clerk		2 00		
Miletus Knight, sergeant at arms		285 00		
Wm. Seamonson, ass't serg't at arms		228 00		
J. J. Gibbs, postmaster		228 00		
Wm. Stanton, assistant postmaster		199 50		
J. J. Burnard, door-keeper		171 00		
C. E. Webster, door-keeper		171 00		
J. B. McMillen, door-keeper		171 00		
Fred. Oelhafer, door-keeper		171 00		
N. V. Chandler, night watch		171 00		
R. Wortz, gallery attendant		171 00		
J. L. Johnson, gallery attendant		171 00		
Carl Schneider, gallery attendant		171 00		
J. W. Kildow, washroom attendant		171 00		
S. M. Sherman, room attendant		171 00		
J. F. Brinkman, janitor		171 00		

"A." — General Fund Disbursements.

E. H. Potter, speaker's messenger	\$74 00		
Arthur Truax, clerk's messenger	154 00		
Richard Kempster, messenger	114 00		
Henry Barlow, messenger	114 00		
Bertie Carter, messenger	114 00		
Eddie Kavenaugh, messenger	114 00		
William Renkema, messenger	114 00		
Freddie Wittle, messenger	114 00		
J. B. Sanderson, messenger	114 00		
Shelden G. Bottum, messenger	114 00		
Julius Leison, messenger	114 00		
B. F. Oakley, messenger	114 00		
Canby Nichodemus, messenger	114 00		
Willie Post, messenger	114 00		
Jake Gill	114 00		
Stephen Rule, clerk enrolling com.	199 50		
D. Harrington, clerk judiciary com.	199 50		
J. E. Eldred, indexing journal	250 00		
J. E. Eldred, transcribing journal	275 00		
J. R. Hunter, opening session	50 00		
		\$9,115 55	
<i>Legislative employe —</i>			
S. F. Nickey, c'k joint com. on claims		199 50	
<i>Contesting seats — assembly.</i>			
James Davison, expenses	\$263 50		
W. W. Johnson, expenses	150 00		
Edward C. Wall, expenses	150 00		
		563 50	
<i>Printing for Legislature —</i>			
Carpenter & Tenney, Miscellaneous printing	\$340 84		
David Atwood, Miscellaneous, printing	468 64		
Senate bills	460 33		
Assembly bills	966 23		
Senate daily slips	278 54		
Assembly daily slips	298 25		
Senate Journal	218 13		
Assembly Journal	222 32		
		\$3,253 28	
<i>Postage for Legislature —</i>			
Madison post-office, members	\$3,440 00		
Madison post-office, reporters	150 00		
		3,590 00	
<i>Blue Book—</i>			
D. H. Pulcifer, compiling	\$400 00		
Charles D. King, compiling	7 00		
Carpenter & Tenney, printing	1,961 11		
David Atwood, printing	1,248 04		
Seifert & Schoeffel, ingravings	993 75		
Seifert & Schoeffel, engravings	497 00		
W. J. Pughe, sketching observatory	5 00		
Wm. J. Park, freight on plates	3 75		
		5,115 65	

"A."—General Fund Disbursements.

<i>Gas for Legislature—</i>			
Madison Gas Co.....		\$685 65	
<i>Sickness and Funeral Expenses—</i>			
Hon. John Potter, deceased,			
A. C. Spaulding, expenses in sickn's	\$11 50		
M. L. Alford, taking care in sickness	22 50		
D. Fitch, casket, hearse, undertak- ing at funeral.....	68 50		
Milan Ford, burial expenses.....	80 80		
Andrew Kentzler, carriages at fun'l	3 50		
Phillips & Hine, hearse and expense at funeral.....	14 50		
J. C. Goldsborough, carri'gs at fun'l	14 00		
A. Granger, carriages at funeral....	6 50		
H. W. Webster, funeral expenses...	5 00		
		226 80	
<i>Sickness and Funeral Expenses—</i>			
Hon. George L. Frost, deceased,			
Vilas House, board during sickness	\$105 45		
James Bennett, care during sickn's.	15 00		
J. A. Mack, med. services in sickn's	61 50		
A. J. Ward, med. services in sickn's	12 50		
Dunning & Sumner, mediciné in sickness.....	5 15		
M. M. Dorn & Co., livery.....	3 00		
D. Fitch, casket, hearse, and under- taking at funeral.....	77 00		
Andrew Kentzler, carriages at fun'l	2 00		
C. G. Cox, expenses of funeral.....	62 20		
		343 80	
<i>Newspapers for Legislature—</i>			
David Atwood, State Journal.....	\$866 05		
Allen & Hicks, Northwestern.....	40 00		
J. N. Bundage, Tribune.....	4 00		
Banner & Volksfreund.....	48 00		
Blake & Powers, Free Press.....	2 00		
C. M. Bright, Republican.....	50		
D. Blumenfeld, Weltburger.....	3 00		
R. G. Boggish, Courier.....	4 00		
Calkins & Bowsfield, Telegraph.....	52 28		
B. J. Castle, Independent.....	7 00		
Cramer, Aikens & Cramer, Wiscon'n,	136 05		
S. J. Conklin, Journal.....	2 00		
Clark & Goodell, Register.....	5 50		
P. V. Deuster, Seebote.....	90 50		
Madison Democrat Co.....	242 55		
Jack Ellerston, Scandinavian.....	19 50		
W. H. & C. E. Edes, Herald.....	1 50		
W. R. Finch, Republican & Leader..	28 00		
Fogo & Munson, Republican.....	9 50		
Eau Claire Free Press Printing Co...	15 50		
Frankenburg & Walters, Democrat..	8 00		
Flint & Weber, News.....	10 50		
N. C. Frederickson, Folkebladet....	1 50		
Janesville Gazette Printing Co.....	5 00		

"A." — General Fund Disbursements.

Germania Publishing Co.....	\$10 25		
Geo. C Ginty, Herald.....	2 50		
W. H. Huntington, Times & Courier	2 50		
H. J. Hoffman, Republican and Press	2 00		
F. A. Husher, Fadrelandet & Eme'ten	4 90		
W. D. Hoard, Union.....	2 00		
Milwaukee Herold Co.....	12 50		
Hoskinson & Follett, Gazette.....	2 00		
Edwin Hurlbut, Free Press.....	7 50		
J. E. Ingraham, Reporter.....	4 00		
R. H. Johnson, Central Wisconsin...	2 00		
J. H. Keyes, Republican.....	7 15		
Kleinpell & Schmidt, Staats Zeitung	45 25		
J. G. Knight, Democrat.....	1 50		
La Follette & Dunning, Univ'ty Press	25 40		
A. B. Lamborn, Greenback.....	28 50		
F. F. Livermore, Courant.....	20 00		
W. H. Lawrence, Tribune.....	7 00		
H. McFarland, Donohoe's Magazine.	2 00		
McConnell & Smith, Madison.....	19 00		
D. McBride & Son, Herald.....	4 00		
M. H. McCord, Advocate.....	4 00		
McGlachlin & Simons, Journal.....	2 00		
Moseley & Bro., Madison.....	346 50		
Richard Michaels, Freie Presse.....	70 50		
E. W. Magann, News.....	36 00		
L. C. Martin, Gazette.....	2 00		
Morse & Moody, Journal.....	2 00		
J. L. & Geo. Marsh, Herald.....	2 00		
H. W. Meyer, Volkstreund.....	50		
Nagle & Borchardt, Pilot.....	6 00		
Oliver Bros., Leader.....	1 75		
W. J. Park & Co., Madison.....	25 25		
Geo. W. Peck, Sun.....	106 50		
Chas. E. Parrish, Courier.....	2 00		
Porsch & Goessel, Botschafter.....	22 55		
Ryan Bros., Crescent.....	9 50		
John M. Reed, Enterprise.....	2 00		
A. J. Reed, Post.....	50		
V. Ringle, Pilot.....	2 00		
Ratcliff & Waite, Herald.....	50.		
J. R. Sandford, Peoples Champion...	1 50		
Milwaukee Sentinel Company.....	63 50		
J. T. Shumway, Star.....	2 00		
Sandford & Bolens, Peoples Champ'n	17 00		
Star Printing Co., Journal.....	9 00		
Sherman & Gowdy, Argus.....	2 00		
C. H. Schmidt, Nord Western.....	7 25		
Usher & Howard, Chronicle.....	26 00		
Vanderpool & Pollard, C. C. Courier.	81 80		
F. S. Verbeck, Item.....	50		
C. H. Willis, Madison.....	23 35		
Flora Wright, Madison.....	5 00		
E. E. Woodman, Republic.....	2 00		
A. F. Warden, Reporter.....	2 00		
		\$2,701 33	

"A." — General Fund Disbursements.

<i>Extra Session, 1878 —</i>			
Banner and Volksfreund, newspapers	\$5 00	.....	.....
J. B. Treat, Senator's mileage.....	16 00	.....	.....
		\$21 00	.....
Total			\$84,301 61
FOR CHARITABLE INSTITUTIONS.			
<i>State Hospital for Insane —</i>			
Current expenses	116,241 24		
Improvements.....	22,100 00		
		\$138,341 24	.....
<i>Northern Hospital for Insane —</i>			
Current expenses		117,463 03	.....
<i>Institute for the Blind —</i>			
Current expenses		19,380 00	.....
<i>Institute for Deaf and Dumb —</i>			
Current expenses		30,000 00	.....
<i>Industrial School for Boys —</i>			
Current expenses	43,350 00		
Additional buildings.....	18,000 00		
		61,350 00	.....
<i>Industrial School for Girls —</i>			
Buildings for school.....		11,346 00	.....
<i>Soldiers' Orphans' Home —</i>			
Appropriation for orphans.....	\$900 00		
James Bintliff, trustee, expenses	85 45		
		935 45	.....
			\$378,815 72
FOR CLERK HIRE.			
<i>Secretary's office —</i>			
Lars Harstad, b'kkeeper Trust Fund.	\$1,500 00	.....	.....
M. B. Kimball, corresponding clerk..	1,500 00	.....	.....
B. W. Suckow, recording clerk.....	1,500 00	.....	.....
D. N. Taylor, warrant clerk.....	1,700 00	.....	.....
D. H. Tullis, bookkeeper.....	1,800 00	.....	.....
Fanny M. Vilas, registration clerk...	1,200 00	.....	.....
E. H. Weber, printing clerk.....	1,775 00	.....	.....
Geo. W. Stoner, extra clerk	5 00	.....	.....
		\$10,980 00	.....
<i>State Treasurer's office —</i>			
W. B. Hazeltine, corresponding clerk.	\$1,800 00	.....	.....
Henry Schuette, deposit clerk.....	1,800 00	.....	.....
Chas. Wedelstedt, bookkeeper.....	1,800 00	.....	.....
E. G. Lindeman, mailing clerk.....	1,080 00	.....	.....
John Gerber, night watchman.....	335 00	.....	.....
		6,815 00	.....

"A." — General Fund Disbursements.

<i>Land office —</i>			
J. H. Waggoner, chief clerk.....	\$1,800 00		
E. S. McBride, entry clerk.....	1,700 00		
W. H. Bennett, patent clerk.....	1,500 00		
A. E. Bauer, draughtsman.....	1,440 00		
C. M. Foresman, bookkeeper.....	1,559 00		
Peter Fagg, copying clerk.....	1,320 00		
Joseph Mathieson, copying clerk.....	300 00		
Fred J. Moll, general clerk.....	1,440 00		
H. B. Pouse, general clerk.....	1,440 00		
Wm. W. Jones, messenger.....	900 00		
		\$13,399 00	
<i>Public Property office —</i>			
Robt. Monteith, bookkeeper.....		1,500 00	
			\$32,694 00
FOR LABOR ABOUT CAPITAL.			
<i>Engineers, etc. —</i>			
E. R. Bristol, engineer.....	\$1,095 00		
Edwin Culver, engineer.....	607 50		
J. T. King, fireman.....	560 00		
Dennis O'Keefe, fireman.....	486 00		
James Shields, fireman.....	62 00		
G. W. Wallace, fireman.....	122 00		
Wm. Askew, gas-fitter.....	835 00		
		\$3,767 50	
<i>Carpenters —</i>			
Silas E. Pearson.....	\$942 00		
John C. Roth.....	860 75		
Henry Jungman.....	200 00		
		2,002 75	
<i>Watchmen —</i>			
George W. Baker.....	\$708 48		
Eugene Bowen.....	730 00		
C. E. Hoyt.....	649 92		
Edward Hickman.....	800 00		
Henry Shetter.....	670 00		
Edwin Culver.....	214 50		
		3,772 90	
<i>Janitors and Messengers —</i>			
J. C. Butler, Historical Soc'y rooms.....	\$649 92		
Chas. H. Beyler, Supreme Court rooms.....	649 92		
John Benson, water closets.....	619 92		
W. P. Clarke, State Supt.'s office.....	333 32		
T. L. Hacker, Governor's office.....	1,150 00		
H. W. Lovejoy, Governor's office.....	730 00		
Wm. J. Jones, Public Property office.....	960 00		
F. L. Moffett, Attorney General's office.....	649 92		
Eugene Roberts, Secretary's office.....	649 92		
E. R. Reed, Land office.....	649 92		
Mark Smith, R. R. Comm'r's office.....	671 44		
Thoral Svenson, Adj. General's office.....	649 92		
Geo. Speckner, Ins. Comm'r's office.....	649 92		
J. E. Troan, Public Property office.....	649 92		
R. D. Whitford, State Supt.'s office.....	466 65		
		10,160 69	

"A." — General Fund Disbursements.

<i>Laborers —</i>			
Michael Burke	\$649 92	.....	.....
Ellen Daly	159 00	.....	.....
Pat. Devit	470 12	.....	.....
George Gillies	649 92	.....	.....
Michael Lynch	541 60	.....	.....
Bridget McMillen	147 79	.....	.....
Mary Smith	146 00	.....	.....
		\$2,764 35	.....
<i>Transient Laborers —</i>			
Wm. J. Armstrong	\$145 25	.....	.....
Jesse Longfield	265 73	.....	.....
James McDowell	99 75	.....	.....
Michael Zwank	82 25	.....	.....
Ole Stevenson	1 50	.....	.....
		594 48	.....
			\$23,082 67
FOR CONTINGENT EXPENSES.			
American Express Company, charges	\$894 60	.....	.....
Sam'l Binks, gas fitting and furnishing	178 53	.....	.....
Ball & Dudgeon, blacksmithing	13 90	.....	.....
Bunker & Vroman, lumber	634 18	.....	.....
Billings & Detloff, blacksmithing	31 90	.....	.....
Ball Brothers, blacksmithing	48 10	.....	.....
J. H. B. Baker, grass seed	1 87	.....	.....
Q. H. Barron, call bell	2 00	.....	.....
Matthew Conlin, straw to protect fountain	12 50	.....	.....
John Cory, weather strips	36 75	.....	.....
C. P. Chapman, Revised Statutes (1839 and 1849) ..	10 00	.....	.....
Dean & Son, Planing lumber	1 50	.....	.....
Dunning & Sumner, merchandise	456 90	.....	.....
Dan Delany, brooms	17 75	.....	.....
John Danner, six book cases	114 00	.....	.....
Thos. Davenport, mason work	18 40	.....	.....
Frank Davy, fish for fountain	15 00	.....	.....
W. J. & F. Ellsworth, merchandise	82 88	.....	.....
James E. Fisher, furniture	50 00	.....	.....
Frank & Ramsay, hardware	131 90	.....	.....
W. E. Goodman, marble slab	25 00	.....	.....
Reuben Garlick, crockery	12 70	.....	.....
Victor Good, filing stamps	23 50	.....	.....
Alexander Gill, filling cesspool in park	258 00	.....	.....
Alexander Gill, paving walks in park	2,725 00	.....	.....
W. E. Goodman, gas fixtures	43 47	.....	.....
W. E. Goodman, copper bath tub	14 75	.....	.....
Hoffman & Billings, steam fittings and merchan- dise	2,434 92	.....	.....
A. H. Hollister, merchandise	133 92	.....	.....
Peter Helms, brick for fountain	46 50	.....	.....
S. A. Hale, ice	110 00	.....	.....
F. Huels, blacksmithing	77 90	.....	.....
C. Heinecke, brass nozzles	16 13	.....	.....
Geo. W. Huntley, merchandise	8 20	.....	.....
D. R. Jones, architect drawings	28 00	.....	.....
J. M. W. Jones, S. & P. Co., merchandise	155 40	.....	.....
J. Knauber & Co., lithographing for state treasurer	50 00	.....	.....
Klauber & Adler, merchandise	161 26	.....	.....
Klauber & Adler, carpets	961 42	.....	.....

"A."— *General Fund Disbursements.*

Charles Kayser, ventilators and pipe	\$194 90	.....
Isaac Klauber, merchandise	7 63	.....
Michael Lynch, horse for lawn mower	16 50	.....
Ed. Lazier, varnish and acid	21 80	.....
Matthews Bros. & Co. office chair and lumber	38 80	.....
Madison Mfg. Co., iron and blacksmithing	418 51	.....
Marr & Richards, seal for Com'rs Public Lands	18 00	.....
John Malony, gas fitting	153 63	.....
James D. Morgan, toweling	19 28	.....
Fred Memhard, cartage	53 90	.....
Fred Memhard, freight on merchandise	64 96	.....
C. E. Miller, rags for engine	2 83	.....
N. W. Telegraph Co., telegrams	40 44	.....
R. G. Norton, repairing clocks	24 50	.....
John Nader, red lead	6 24	.....
John Nader, superintending water w'ks for capitol	75 00	.....
W. W. Pollard, painting	1,160 12	.....
A. A. Pardee & Bro., merchandise	36 50	.....
Catharine Patton, soap	4 00	.....
Wm. J. Park & Co., merchandise	122 10	.....
Tim Purcell, labor with team	59 25	.....
Chas. Preusser & Bro., slop bowl	7 00	.....
J. B. Pradt, one dictionary	7 00	.....
Thos. Regan, gas fitting	108 50	.....
John M. Sumner, hardware	744 30	.....
E. Sharpe & Son, plastering	1,344 00	.....
Slater & Ball, blacksmithing	94 84	.....
Carl Schmidt, repairing locks	82 35	.....
Sorrenson, Frederickson & Fish, lumber	133 36	.....
Sophia Speckner, sewing carpets	43 00	.....
Elizabeth Swink, soap	10 00	.....
Wm. Southoff, sewing carpets	20 00	.....
Sorrenson, Frederickson & Fish, storm windows	67 70	.....
F. Schuber, cut flowers for assembly chamber	1 50	.....
Stark Bros., carpet	135 00	.....
I. E. Troan, making towels	2 00	.....
U. S. Express Co., charges	203 75	.....
F. W. Upham, cleaning time-lock, Treas. office	10 00	.....
Vroman, Frank & Ramsey, hardware	100 26	.....
J. B. Wisser, blacksmithing	14 65	.....
West & Co., manilla paper	32 02	.....
J. E. Williams, cut flowers for assembly chamber	27 00	.....
Western Electric Manufacturing Co., wire	15 00	.....
O. E. Woodbury, hanging park gates	134 00	.....
		\$15,909 85

FOR PRINTING.

CARPENTER & TENNY — Printing Report of —

Secretary of State	\$539 95	.....
State Treasurer	122 98	.....
Comr's of S. & U. Lands	50 31	.....
State Hospital for Insane	84 83	.....
Northern Hospital for Insane	92 26	.....
Institute for the Blind	36 53	.....
Institute for Deaf and Dumb	51 87	.....
Industrial School for Boys	58 63	.....
State Prison	92 21	.....
Academy of Science and Arts	349 70	.....

"A."—General Funds Disbursements.

Railroad Commissioner	\$721 14	.....
Fish Commissioners.....	58 51	.....
State Superintendent.....	747 55	.....
Adjutant General	74 71	.....
State Board of Charities and Reform	410 14	.....
Regents of State University	164 19	.....
Trustees of Soldiers' Orphans' Home	40 59	.....
Blanks for Governor	25 80	.....
Secretary of State.....	326 50	.....
State Treasurer.....	20 50	.....
State Superintendent	18 30	.....
State Library	28 00	.....
Supreme Court.....	16 15	.....
Railroad Commissioner.....	33 47	.....
State Board Charities & Reform.....	31 38	.....
Insurance Commissioner.....	86 70	.....
Adjutant General	8 70	.....
Land Office	16 20	.....
Superintendent Public Property.....	35 44	.....
State Prison.....	39 30	.....
Historical Society	5 90	.....
Binding 200 copies, School Code.....	75 00	.....
Printing 7,500 copies, School Code.....	315 75	.....
Printing Statement of fire Insurance Cos.....	358 52	.....
Printing Catalogue of State Historical Society	886 42	.....
Amount paid Carpenter & Tenney, \$6, 024 13.		.....
DAVID ATWOOD—Printing Report of		
State Geologist.....	47 42	.....
State Horticultural Society ..	32 89	.....
State Dairyman's Association.....	147 79	.....
State Board of Health.....	143 38	.....
Insurance Commissioner.....	383 60	.....
State Agricultural Society.....	1,588 30	.....
Blanks for Executive office.....	17 30	.....
Secretary's office.....	358 07	.....
Treasurer's office.....	109 97	.....
Land office.....	483 63	.....
Attorney General's office.....	139 54	.....
State Superintendent's office.....	68 85	.....
Railroad Commissioner.....	11 04	.....
State Library.....	150 89	.....
Registration	249 94	.....
Supreme Court.....	30 51	.....
Insurance Department.....	111 16	.....
Historical Society.....	3 99	.....
Adjutant General.....	87 43	.....
Sup't. of Public Property.....	37 89	.....
Board of Charities & Reform.....	4 16	.....
Treasury Agent.....	47 78	.....
State Board of Health.....	301 19	.....
Fish Commissioners	3 71	.....
Session Laws of 1879.....	2,518 99	.....
Assessment Laws.....	59 08	.....
Insurance Laws.....	48 91	.....
Registry Laws.....	147 44	.....
Governor's Messages and Documents.....	156 64	.....
Election Registers.....	667 41	.....
Rules of Practice of Courts.....	124 72	.....
Amount paid David Atwood.....	\$8,283 62.	.....

"A."— *General Fund Disbursements.*

F. W. Case, engravings for Horticultural Report..	\$6 20	.....
L. J. Plumb, engravings for Horticultural Report.	35 70	.....
Seifert & Schoeffel, Storm Maps for University ...	109 00	.....
Marr & Richards, engravings for Acad. of Science..	145 12	.....
		\$14,603 77
FOR PAPER.		
F. H. Andrews	\$1,714 03	.....
Bradner, Smith & Co.....	4,626 95	.....
		6,340 98
FOR POSTAGE.		
<i>Madison Post Office—</i>		
Stamps for Governor	\$272 06	.....
Secretary of State.....	467 90	.....
State Treasurer	467 70	.....
Attorney General	75 00	.....
Land Department.....	102 00	.....
State Superintendent.....	460 08	.....
Superintendent Public Property....	39 30	.....
State Historical Society.....	458 70	.....
Treasury Agent.....	134 00	.....
Supreme Court.....	293 20	.....
State Librarian	61 80	.....
Adjutant General.....	68 24	.....
Board of Charities and Reform....	109 80	.....
Railroad Commissioner	138 00	.....
Insurance Commissioner.....	248 50	.....
Chief Justice of Supreme Court....	5 00	.....
Unpaid postage	32 24	.....
<i>Robert McCurdy —</i>		
Stamps for State Treasurer	278 06	.....
		3,711 58
FOR STATIONERY.		
Q. H. Barron, Supt. of Public Property		7,500 00
FOR GAS.		
Madison Gas Light and Coke Company.....		3,823 78
FOR FUEL.		
Hiram G. Dodge, coal.....	\$17 37	.....
Conkling & Gray, coal	2,059 70	.....
Tim Purcell, wood	108 00	.....
Madison Gas Company, coke.....	1 24	.....
		2,186 31
FOR MILITIA.		
Geo. W. Burchard, military secretary .	\$400 00	.....
Geo. E. Bryant, inspecting militia.....	249 50	.....

"A." — General Fund Disbursements.

A. H. Bright, clerk to adjutant general.....	\$1,075 00	.....
A. H. Bright, inspecting militia.....	88 20	.....
Ed. E. Bryant, telegrams for Adjutant General....	8 35	.....
J. D. Bradford, firing salute.....	15 00	.....
John Cory, firing salutes.....	25 00	.....
Wm. Flohr, friction primers and cartridges.....	117 55	.....
Peter B. Fields, clerk Qr. M. Gen. office.....	785 00	.....
Klauber & Adler, cartridges.....	31 42	.....
F. Lippert, food for eagle, "Old Abe".....	1 53	.....
Ed. Lazier, emery and oil for Qr. M. Dept.....	6 55	.....
Fred Memhard, carting military stores.....	70 11	.....
Fred Memhard, freight on military stores.....	31 21	.....
New York Store, cartridges and repairing flags....	48 00	.....
Wm. A. Oppell, food for eagle "Old Abe".....	26 55	.....
Capt L. Rossiter, freight on arms.....	7 50	.....
Florence J. Ries, inspecting militia.....	16 00	.....
J. S. Webster, bronziug "Old Abe's" cage.....	10 00	.....
Beloit City Guards, armory rent.....	300 00	.....
Bay City Light Guards, armory rent.....	300 00	.....
Bayfield Rifles, armory rent.....	300 00	.....
Custer Rifles, armory rent.....	300 00	.....
Eau Claire City Guards, armory rent.....	300 00	.....
Evergreen City Guards, armory rent.....	300 00	.....
Guppy Guards, armory rent.....	300 00	.....
Germania Light Guards, armory rent.....	300 00	.....
Governor's Guards (Madison), per diem and sub..	62 15	.....
Governor's Guards (La Crosse), armory rent.....	300 00	.....
Janesville Guards, armory rent.....	300 00	.....
Janesville Veterans, armory rent.....	300 00	.....
Kosciusko Guards, armory rent.....	300 00	.....
Kalmbach Rifles, armory rent.....	300 00	.....
Ludington Guards, armory rent.....	300 00	.....
La Crosse Guards, armory rent.....	300 00	.....
Manitowoc Volunteer Militia, armory rent.....	300 00	.....
Mauston Light Guards, armory rent.....	300 00	.....
Sherman Guards, armory rent.....	300 00	.....
Sheridan Guards, armory rent.....	300 00	.....
Ripon Rifles, armory rent.....	300 00	.....
Oshkosh Guards, armory rent.....	300 00	.....
		\$0,374 62
FOR APPRAISING PUBLIC LANDS.		
A. A. Arnold and A. D. Comstock.....	\$15 00	.....
M. R. Bump and T. Oleson.....	13 00	.....
John Comstock.....	2 50	.....
R. L. Colvin and J. W. Sale.....	10 00	.....
J. W. DeWolf and C. Moser.....	10 00	.....
A. Eaton and T. McDill.....	14 00	.....
A. O. Holm and S. W. Pierce.....	60 35	.....
L. A. Houston and C. J. Kreuger.....	20 00	.....
E. Hyde and F. Hartman.....	5 00	.....
C. Luling and T. Heineman.....	5 00	.....
J. T. Lowe and C. Kelsey.....	9 50	.....
S. Merrick and A. Sampson.....	8 50	.....
J. B. Quimby and S. W. Corwith.....	30 00	.....
Geo. S. Race and Geo. Wall.....	14 00	.....
G. Sexton and R. L. D. Potter.....	51 00	.....
H. A. Taylor.....	2 50	.....
		270 85

"A."—General Fund Disbursements.

FOR GOVERNOR'S CONTINGENT FUND.		
William E. Smith, Governor.....	\$450 00	.....
David Atwood	135 00	.....
		\$585 00
CAPITOL PARK IMPROVEMENT.		
C. Davenport, sand for fountain	\$18 20	.....
J. L. Mott Iron Works, balance on fountain.....	500 00	.....
		518 20
FOR TEXT-BOOK COMMISSION.		
S. G. Albee, expenses.....	\$35 25	.....
R. E. Davis, expenses.....	15 00	.....
Geo. H. Paul, expenses	33 75	.....
J. B. Quimby, expenses	29 65	.....
W. C. Whitford, expenses and clerk-hire.....	125 00	.....
		238 65
FOR PRINTING REVISED STATUTES.		
J. H. Carpenter and W. F. Vilas, super'ng printing	\$2,128 33	.....
Carpenter & Tenney, prt'g and bind'g 12,000 copies	20,078 68	.....
Carpenter & Tenney, extra printing	633 66	.....
Carpenter & Tenney, labeling 22 copies.....	22 00	.....
Cleveland Paper Co., paper	3,547 04	.....
Cleveland Paper Co., parchment	16 00	.....
David Atwood, labeling	60 00	.....
David Atwood, two "complete copies".....	16 00	.....
		26,501 71
FOR EXAMINING STATE TEACHERS.		
D McGregor.....	\$52 30	.....
Geo. W. Peckham.....	51 35	.....
		103 65
FOR GEOLOGICAL SURVEY.		
T. C. Chamberlin, expenses		5,000 00
FOR GEOLOGICAL REPORT.		
David Atwood, printing 2d edition, vol. 2.....	\$731 20	.....
W. J. Park & Co., cases for maps.....	60 00	.....
T. C. Chamberlin, expenses and services.....	688 55	.....
		1,479 75
FOR GEODETIC SURVEY.		
John E. Davies, balance of appropriation.....		115 00
FOR WATER SUPPLY FOR CAPITOL.		
Alex. Gill, labor on works.....	\$335 10	.....
Lake Shore Foundry, iron water pipes	3,816 13	.....
		4,151 23

"A."—General Fund Disbursements.

FOR REFUNDED LAND OFFICE FEES.			
S. A. Coleman		\$50	.....
Foster Nelson.....		50	.....
G. R. Vincent.....		50	.....
			\$1 50
FOR REFUNDED PEDDLER LICENSES.			
Adam Bleser.....		29 12	.....
Dewitt C. Fyler.....		36 92	.....
John Thiel.....		18 00	.....
E. J. Pettys.....		40 00	.....
James S. Wells.....		20 25	.....
John Weirick.....		20 35	.....
			164 64
FOR REVISING RULES FOR COURTS.			
S. U. Pinney, services.....		\$300 00	.....
Moses M Strong, services.....		780 00	.....
Alex C. Fraser, services.....		510 00	.....
Fannie L. Fraser, clerk.....		30 00	.....
			1,620 00
FOR IMMIGRATION COMMISSION.			
A. Monsted, secretary, salary.....		\$382 10	.....
A. Monsted, expenses of commission.....		1,067 44	.....
K. A. Ostergren, expen's attend'g meeting of board.....		16 25	.....
H. B. Warner, expenses attending meeting of board.....		16 75	.....
			1,482 54
FOR APPORTIONMENT OF RAILWAY LICENSE.			
<i>West Wisconsin Railway Co —</i>			
St. Croix county, for 1877.....	\$432 65		.....
St. Croix county, for 1878.....	395 69		.....
		\$828 34	.....
<i>North Wisconsin Railroad Co —</i>			
Burnett county.....	\$295 79		.....
Barron county.....	2,128 38		.....
Polk county.....	1,516 59		.....
St. Croix county.....	156 72		.....
		\$4,097 48	.....
<i>Chic., St. Paul & Minneapolis R'y Co —</i>			
Buffalo county.....	\$411 12		.....
Chippewa county.....	1,020 90		.....
Clark county.....	777 12		.....
Dunn county.....	2,513 21		.....
Eau Claire county.....	1,644 45		.....
Juneau county.....	39 65		.....
Jackson county.....	2,787 35		.....
La Crosse county.....	81 00		.....
Monroe county.....	756 02		.....
Pepin county.....	322 60		.....
St. Croix county.....	375 90		.....
Wood county.....	7 00		.....
		\$10,736 32	.....
			\$15,662 14

"A." — General Fund Disbursements.

FOR SUIT OF SHIPMAN VS. STATE.		
W. D. Harshaw, sheriff's fees.....	\$7 00	.....
Glenway Maxon, subpoenaing witnesses	5 00	.....
Jacob Bott, witness fees.....	12 25	.....
H. C. Coke, witness fees	73 70	.....
Jas. Douglas, witness fees.....	11 50	.....
John Fellens, witness fees	3 24	.....
C. A. Groubut, witness fees.....	11 56	.....
Henry Messner, witness fees	9 62	.....
H. P. Schnetzky, witness fees	10 06	.....
John C. Toll.....	3 75	.....
J. H. Walker.....	16 60	.....
		\$164 28
FOR PUBLISHING NOTICES AND PROCLAMATIONS.		
David Atwood, advertising in state paper.....	\$162 00	.....
Herold Company, advertising for paper	83 05	.....
David Atwood, publishing condition of banks.....	34 14	.....
Cramer, Aikens & Cramer, advertising for coal....	1 65	.....
Cramer, Aikens & Cramer, advertising for paper ..	8 25	.....
Cramer, Aikens & Cramer, adv. for stationery	7 95	.....
Inter Ocean Publishing Co., adv. for stationery....	32 00	.....
Inter Ocean Publishing Co., advertising for paper	66 56	.....
Sentinel Company, advertising for stationery	15 00	.....
Sentinel Company, advertising for paper	25 71	.....
Tribune Company, advertising for stationery.....	30 08	.....
Tribune Company, advertising for paper	64 00	.....
		530 39
PUBLISHING GENERAL LAWS.		
David Atwood, State Journal, Mad., (state paper)..	\$1,890 40	.....
David Atwood, State Journal, Madison.....	60 00	.....
Levi K. Alden, Herald, Racine.....	60 00	.....
A. H. Arnold, Democrat, Chilton.....	60 00	.....
A. C. Arneson, Independent, Racine.....	60 00	.....
Allen & Hicks, Northwestern, Oshkosh	60 00	.....
Banner & Volksfreund Co., Banner & Volksfreund	60 00	.....
Charles A. Booth, Sentinel, Monroe	60 00	.....
J. S. Badger, Register, Milton Junction	60 00	.....
Berryman & Lacy, Union, Prairie du Chien.....	60 00	.....
Beaunet Bros, Tribune, Mineral Point	60 00	.....
Mark H. Barnum, Torch of Liberty, Wausau	60 00	.....
Jas. Bintliff & Son, Republican, Darlington.....	60 00	.....
C. M. Bright, Republican Waupaca.....	60 00	.....
S. Bardwell, Times, Plainfield.....	60 00	.....
Charles F. Bone, Chronotype, Rice Lake	60 00	.....
Burnett & Son., Advertiser, Black Earth.....	60 00	.....
Geo. C. Burdick, Republican, DeSoto	60 00	.....
Blake & Powers, Free Press, Reedsburg.....	60 00	.....
Fred. Burkard, Concordia, Green Bay.....	60 00	.....
H. D. Bath, Democrat, Columbus	60 00	.....
J. R. Bohan, Advertiser, Port Washington	60 00	.....

"A." — General Fund Disbursements.

James E. Bartlett, Journal, Albany.....	\$60 00	.....
Thomas Barden, Times, Superior.....	60 00	.....
Brand & Case, Graphic, Beloit.....	60 00	.....
D. W. Bronson & Son, Sickie, Mazomanie.....	60 00	.....
Brown & Foster, Republican, Sparta.....	60 00	.....
C. A. Bruederle, Freie Volks Presse, Fond du Lac.....	60 00	.....
D. Blumenfeld, Weltberger, Watertown.....	60 00	.....
Mark H. Barnum, Watcher, Wausau.....	60 00	.....
J. N. Brundage, Tribune, Grand Rapids.....	60 00	.....
R. G. Bogish, Pionier, Mayville.....	60 00	.....
Irving Bath, Democrat, Portage.....	60 00	.....
B. J. Castle, Independent, Black River Falls.....	60 00	.....
E. E. & M. T. Carhart, Early Dawn, Oshkosh.....	60 00	.....
Cogan & Bissell, Express, Montello.....	60 00	.....
F. W. Coon, Local, Oconomowoc.....	60 00	.....
A. P. Colby, Enterprise, Union Grove.....	60 00	.....
Cline & Cogswell, True Republican, Hudson.....	60 00	.....
Siegmund Cohn, Freie Presse, Milwaukee.....	60 00	.....
C. A. Conable, Enterprise, Delavan.....	60 00	.....
M. F. Carney, Argus, New Lisbon.....	60 00	.....
Chas. S. Crosse, Countryman, Sun Prairie.....	60 00	.....
Frank Cooper, Banner, Black River Falls.....	60 00	.....
Crawford & Bro., Democrat, Mineral Point.....	60 00	.....
Clark & Goodell, Register, Portage.....	60 00	.....
S. J. Conklin, Journal, Waterloo.....	60 00	.....
Case & Doolittle, Herald, Ellsworth.....	60 00	.....
P. H. Carney, Democrat, Waushara.....	60 00	.....
E. D. Coe, Register, Whitewater.....	60 00	.....
Henry Casson, Jr., Viroqua.....	60 00	.....
I. T. Carr, Banner, Jefferson.....	60 00	.....
Cramer, Aikens & Cramer, Wisconsin, Milwaukee.....	60 00	.....
Calkins & Bowsfield, Sunday Telegraph, Mil.....	60 00	.....
S. W. Corwith, News, Prairie du Sac.....	60 00	.....
Crusius & Muehlberg, Pionier, Sauk City.....	60 00	.....
W. W. Coleman, Herald, Milwaukee.....	60 00	.....
A. Dewey, Shield, Barron.....	60 00	.....
Democrat Co., Democrat, Madison.....	60 00	.....
T. W. Darlington, News, Muscoda.....	60 00	.....
H. L. Devereaux, Standard, Burlington.....	60 00	.....
J. R. Decker, Republican, Columbus.....	60 00	.....
T. K. Dunn, Reporter, Monroe.....	60 00	.....
O. P. Dow, Enterprise, Palmyra.....	60 00	.....
J. W. De Groff, Express, Alma.....	60 00	.....
P. V. Deuster, Catholische Zeitung, Milwaukee.....	60 00	.....
P. V. Deuster, See Bote, Milwaukee.....	60 00	.....
C. Doerflinger, Friedenker, Milwaukee.....	60 00	.....
E. A. Egery, Argus, Racine.....	60 00	.....
W. H. & C. E. Edes, Herald, Mondovi.....	60 00	.....
Fernandez & Glaze, Times, Oshkosh.....	60 00	.....
Free Press Co., Free Press, Eau Claire.....	60 00	.....
S. D. Forbes, Central Union, Westfield.....	60 00	.....
Frankenberg & Watters, Democrat, West Bend.....	60 00	.....
Flint & Weber, News, Menomonie.....	60 00	.....
H. D. Farquharson, Dial, Boscobel.....	60 00	.....
W. R. Finch, Republican and Leader, La Crosse.....	60 00	.....
Fogo & Munson, Republican, Richland Center.....	60 00	.....
Sam. S. Fifield, Press, Bayfield.....	60 00	.....

"A." — General Fund Disbursements.

Sam. S. Fifield, Press, Ashland	\$60 00	.....
R. H. Gile, Leader, Merrillan	60 00	.....
Gazette Printing Co. Gazette, Janesville.....	60 00	.....
C. E. & C. J. Glasier, Observer, Richland Center ..	60 00	.....
Anthy Gfrorner, Au., Milwaukee.....	60 00	.....
Germania Pub. Co., Germania, Milwaukee	60 00	.....
Glennon, Krembs & Co., Gazette, Stevens Point ...	60 00	.....
Geo. E. Gilkey, News, Independence.....	60 00	.....
Geo. C. Ginty, Herald, Chippewa Falls.....	60 00	.....
S. D. Goodell & Co., Democrat, Princeton	60 00	.....
E. E. Gordon, Times, New London.....	60 00	.....
Geo. E. Gilkey, Bulletin, Blair.....	60 00	.....
Wm. George, Republican, West Bend and Hartford	60 00	.....
German Catholic Printing Co., Columbia, Mil	60 00	.....
F. A. Husher, Fadrelandet og Emegranten, LaCrosse	60 00	.....
D. E. Hickey, Facts, De Pere.....	60 00	.....
S. B. Hubbell, Star & News, Medford	60 00	.....
J. L. Hauser, Christian Statesman, Milwaukee...	60 00	.....
H. Harris, Eagle, Marinette.....	60 00	.....
John H. Hotchkiss, Representative, Fox Lake....	60 00	.....
A. Hiedkamp, Zeitung, Port Washington.....	60 00	.....
H. J. Hoffman, Republican & Press, Neillsville....	60 00	.....
Thos. Hughs, Citizen, Beaver Dam.....	60 00	.....
W. H. Huntington, Times & Courier, Durand ...	60 00	.....
A. S. Hearn, Chronicle, Dodgeville	60 00	.....
John P. Hume, Times, Chilton	60 00	.....
Edwin Hurlbut, Free Press, Oconomowoc	60 00	.....
W. D. Hoard, Union, Fort Atkinson	60 00	.....
Hoffman & Cunningham, Times, Chippewa Falls.	60 00	.....
Henry F. Hobert, Free Press, Beloit.....	60 00	.....
Hoskinson & Follett, Gazette, Green Bay.....	60 00	.....
Heyerman & Vander Castle, Stanard, Depere....	60 00	.....
T. A. Hoxie, Review, Evansville.....	60 00	.....
Ira D. Hurlbut, Press, Excelsior.....	60 00	.....
C. S. Hart, Reporter, Oconto.....	60 00	.....
J. E. Heg, Herald, Geneva.....	60 00	.....
J. W. Hall, Lumberman, Oconto	60 00	.....
J. E. Ingraham, Reporter, Grand Rapids.	60 00	.....
H. G. Ingersoll, Times, Plover.....	60 00	.....
E. H. Ives, Plaindealer, Prescott.....	60 00	.....
Johnson & Huntington, News, Clear Lake	60 00	.....
Griff O. Jones, Eagle, Augusta.....	60 00	.....
Frederick Jones, Slavie, Racine	60 00	.....
R. H. Johnson, Central Wisconsin, Wausau.....	60 00	.....
T. C. Jones, Democrat, Watertown.....	60 00	.....
M. D. Kimball, Globe, Green Bay	60 00	.....
H. M. Kutchin, Commonwealth, Fond du Lac ...	60 00	.....
Chas. Kohlman, Telegraph, Oshkosh.....	60 00	.....
J. H. Keys, Republican, Watertown	60 00	.....
Allen Knight, Democrat, Darlington.....	60 00	.....
E. C. Kibbe, Plain Talker, Elroy.....	60 00	.....
J. A. Killen, Union, Kenosha	60 00	.....
J. C. Keeney, Chronicle, Weyauwega.....	60 00	.....
John Klinker, Beobachter, Menasha	60 00	.....
S. S. Luce, Independent, Galesville (Laws 1878)...	60 00	.....
S. S. Luce, Independent, Galesville.....	60 00	.....
Chas. A. Leith, Republican & Leader, Arcadia....	60 00	.....

"A." — General Fund Disbursements.

F. F. Livermore, Courant, Berlin.....	\$60 00	.....
A. B. Lamborn, Greenback, Sparta.....	60 00	.....
Frank Long, Advocate, Sturgeon Bay...	60 00	.....
R. Lowenback, Herald, Monroe.....	60 00	.....
Joseph Leicht, Republican, Fountain City.....	60 00	.....
Hays McKinley, Telegraph, Kenosha.....	60 00	.....
T. B. McCourt, News, Medford.....	60 00	.....
McGlachlin & Simons, Journal, Stevens Point.....	60 00	.....
D. McBride & Son, Herald, Sparta.....	60 00	.....
McKay & Chapman, Herald, Viroqua.....	60 00	.....
M. H. McCord, Advocate, Jenny.....	60 00	.....
L. C. Martin, Gazette, Lancaster.....	60 00	.....
Myrup & Olson, Folkets Avis, Racine.....	60 00	.....
Merrick & Fowler, Press, River Falls.....	60 00	.....
E. W. Magann, Journal of Commerce, Milwaukee.....	60 00	.....
E. W. Magann, News, Milwaukee.....	60 00	.....
Wesley Moran, Guard, Kilbourn City.....	60 00	.....
J. L. & George Marsh, Herald, Sheboygan.....	60 00	.....
Wm. D. Merrill, Courier, Prairie du Chien.....	60 00	.....
W. D. Mathews, Reformer, Monroe.....	60 00	.....
J. F. Morrow, Times, Spring Green.....	60 00	.....
A. Marschner, Tribune, Sheboygan.....	60 00	.....
Charles E. Mears, Press, Osceola Mills.....	60 00	.....
Morse & Moody, Journal, River Falls.....	60 00	.....
W. S. Munro, Argus, Wautoma.....	60 00	.....
Charles J. Martin, Expositor, Sturgeon Bay.....	60 00	.....
H. W. Myers, Volksfreund, Appleton.....	60 00	.....
H. Morley & Co., Standard, Osukosh.....	60 00	.....
J. H. Montefiore, Bulletin, Baldwin.....	60 00	.....
News Printing Co., News, Eau Claire.....	60 00	.....
W. T. Nash, Chronicle, Two Rivers.....	60 00	.....
Nagle & Borchardt, Pilot, Manitowoc.....	60 00	.....
Ogden & Pitcher, Post, Waupaca.....	60 00	.....
Oliver Bros., Leader, Waupun.....	60 00	.....
Porsch & Goessel, Botschafter, Madison.....	60 00	.....
Charles E. Parish, Courier, Stoughton.....	60 00	.....
Phillip M. Pryor, Times, Waupun.....	60 00	.....
Phelps & Zugans, Reporter, Sharon.....	60 00	.....
Geo. B. Pratt, Press, Menasha.....	60 00	.....
Park & Treat, Independent, Elkhorn.....	60 00	.....
P. R. Proctor, News, Depere.....	60 00	.....
S. W. Pierce, Press, Friendship.....	60 00	.....
George W. Peck, Sun, Milwaukee.....	60 00	.....
C. A. Pettibone, Telephone, Mayville.....	60 00	.....
Edward Pollock, Herald, Lancaster.....	60 00	.....
A. J. Reed, Post, Appleton.....	60 00	.....
Review Printing Co., Review, Fort Howard.....	60 00	.....
Wm. A. Rogers, Journal, Shawano.....	60 00	.....
Wm. Raetzman, Herald, Reedsburg.....	60 00	.....
Robinson Bros. & Clark, Advocate, Green Bay.....	60 00	.....
Peter Richards, Valley News, Lodi.....	60 00	.....
Ryan Bros., Crescent, Appleton.....	60 00	.....
C. N. Relph, Times, Menomonie.....	60 00	.....
H. N. Ross, Times, Sheboygan.....	60 00	.....
M. P. Rindlaub, Witness, Platteville.....	60 00	.....
John M. Reed, Enterprise, Kewaunee.....	60 00	.....
V. Ringle, Pilot, Wausau.....	60 00	.....

"A." — General Fund Disbursements.

V. Ringle, Wochenblatt, Wausau.....	\$60 00	.....
Sackett & Wilson, Times, Phillips	60 00	.....
E. W. Stevens, Western Advance, Portage	60 00	.....
Sherman & Goudy, Argus, Beaver Dam.....	60 00	.....
Star Printing Co., Journal, Fond du Lac.....	60 00	.....
T. D. Stone, Free Press, Ripon	60 00	.....
Sawin & Stevens, Independent, Madison	60 00	.....
John N. Stone, City Times, Neenah	60 00	.....
E. H. Sanford, Advocate, Racine	60 00	.....
J. F. Sprague & Co., Star, Mauston.....	60 00	.....
G. A. Selback, Wecker, Portage.....	60 00	.....
F. W. Starbuck, Journal, Racine.....	60 00	.....
Shafer, Bros., Phonograph, Colby	60 00	.....
P. H. & S. H. Swift, Independent, Clinton	60 00	.....
Sandford & Bolens, Champion, Fond du Lac.....	60 00	.....
J. T. Shumway, Star, Arena	60 00	.....
Martin C. Short, Times, Brandon.....	60 00	.....
C. Swayze, Wisconsin Pinery, Stevens Point.....	60 00	.....
Burr Sprague, Independent, Broadhead.....	60 00	.....
Stair & Witmer, Latest News, Juda	60 00	.....
Stevens & Briggs, Greenbacker, New Richmond..	60 00	.....
Sentinel Co., Sentinel, Milwaukee.....	60 00	.....
C. G. Starks, Journal, Berlin.....	60 00	.....
C. P. Smith, Standard, Pewaukee.....	60 00	.....
Geo. Schleyer, Volksbote, Chilton	60 00	.....
E. L. Schofield, Commonwealth, Ripon.....	60 00	.....
Carl H. Schmidt, Nord Westen, Manitowoc.....	60 00	.....
Geo. B. Tallman, Republican, Delavan.....	60 00	.....
J. L. Thwing, Reporter, Fond du Lac	60 00	.....
W. E. Talboys, Sentinel, Grantsburg.....	60 00	.....
J. C. & A. E. Thompson, Republic, Princeton.....	60 00	.....
S. S. Tucker, Free Press, Trempealeau	60 00	.....
Taylor & Price, Star and Times, Hudson	60 00	.....
W. F. Tousley, Tobacco Reporter, Edgerton	60 00	.....
John E. Thomas, News, Sheboygan	60 00	.....
John Ulrich, Nord, Stern, La Crosse	60 00	.....
W. L. Utley, New Deal, Racine	60 00	.....
Usher & Howard, Chronicle, La Crosse.....	60 00	.....
F. S. Verbeck Item, Winneconne	60 00	.....
Vandepool & Pollard, Courier, Milwaukee.....	60 00	.....
Vedder & Leonard, Recorder, Janesville	60 00	.....
A. C. Van Meter, Republican, New Richmond.....	60 00	.....
E. B. Waggoner, Messenger, Whitehall	60 00	.....
Willard & Bray, Catholic Citizen, Milwaukee.....	60 00	.....
W. F. Weber, Nordwestlecker Cour. Fond du Lac.	60 00	.....
H. L. Webster, Gazette, Neenah	60 00	.....
James A. Wells, Journal, Tomah	60 00	.....
Wilson & Tousley, City Times, Janesville	60 00	.....
C. M. Whitman, Post, Waterford	60 00	.....
E. R. Ward, Western Church, Milwaukee.....	60 00	.....
R. T. Waite, Herald, Clintonville.....	60 00	.....
A. F. Worden, Reporter, Plymouth	60 00	.....
P. M. Wright, Journal, Omro	60 00	.....
H. D. Wing, Recorder, Ahnapee.....	60 00	.....
E. E. Woodman, Republic, Baraboo.....	60 00	.....
H. M. Yeomans, Freeman, Waukesha	60 00	.....
Carl Zellier, National Democrat, Sheboygan	60 00	.....
		\$16,350 40

"A."—General Fund Disbursements.

PUBLISHING PRIVATE AND LOCAL LAWS.		
Allen & Hicks, Northwestern, Oshkosh	\$6 00	.....
James Bintliff & Son, Republican, Darlington	1 20	.....
Thomas Barden, Times, Superior	6 00	.....
Bennett Brothers, Tribune, Mineral Point	9 60	.....
C. M. Bright, Republican, Waupaca	15 60	.....
C. F. Bone, Chronotype, Rice Lake	4 80	.....
J. R. Bohan, Advocate, Port Washington	2 40	.....
C. A. Booth, Sentinel, Monroe.....	1 20	.....
Cramer, Aikens & Cramer, Wisconsin, Milwaukee.	19 80	.....
S. W. Carwith, News, Prairie du Sac.....	1 80	.....
Henry Casson, jr., Censor, Viroqua.....	3 00	.....
Clark & Goodell, Register, Portage	1 80	.....
A. Dewey, Shield, Barron.....	3 60	.....
J. R. Decker, Republican, Columbus	2 40	.....
Geo. C. Ginty, Herald, Chippewa Falls.....	48 00	.....
W. H. Huntington, Times and Courier, Durand. . .	1 80	.....
C. S. Hart, Reporter, Oconto.....	4 20	.....
S. B. Hubbell, Star and News, Medford.....	15 00	.....
H. Harris, Eagle, Marinette.....	15 00	.....
Thomas Hughs, Citizen, Beaver Dam	13 20	.....
John P. Hume, Times, Chilton	4 20	.....
Hoskinson & Follett, Gazette, Green Bay.....	9 60	.....
J. W. Hall, Lumberman, Oconto.....	15 00	.....
H. J. Hoffman, Republican and Press, Neillsville.	20 40	.....
J. E. Ingraham, Reporter, Grand Rapids	20 40	.....
R. H. Johnson, Central Wisconsin, Wausau	15 00	.....
Johnson & Huntington, News, Clear Lake.....	3 60	.....
H. M. Kutchin, Commonwealth, Fond du Lac	8 40	.....
E. C. Kibbe, Plain Talker, Elroy.....	9 00	.....
Frank Long, Advocate, Sturgeon Bay	7 20	.....
D. McBride & Son, Herald, Sparta.....	1 20	.....
M. H. McCord, Advocate, Jenny	21 00	.....
Hays McKinley, Telegraph, Kenosha	1 20	.....
McGlachlin & Simons, Journal, Stevens Point. . .	11 40	.....
Wesley Moran, Guard, Kilbourn City	1 20	.....
Morse & Moody, Journal, River Falls	1 80	.....
Charles E. Mears, Press, Osceola Mills.....	7 80	.....
W. S. Munroe, Argus, Wautoma	1 20	.....
Nagle & Borchardt, Pilot, Manitowoc.....	6 00	.....
Ogden & Pitcher, Post, Waupaca	13 80	.....
Peter Richards, Valley News, Lodi.....	1 20	.....
William A. Rogers, Journal, Shawano.....	26 40	.....
J. T. Sprague & Son, Star, Mauston	4 20	.....
J. T. Shumway, Star, Arena.....	3 00	.....
Shafer Brothers, Phonograph, Colby.....	2 40	.....
Sackett & Wilson, Times, Phillips.....	14 40	.....
Sentinel Company, Sentinel, Milwaukee.....	1 80	.....
W. E. Talboys, Sentinel, Grantsburg.....	2 40	.....
Taylor & Price, Star and Times.....	3 60	.....
A. C. Van Meter, Republican, New Richmond....	3 60	.....
E. B. Waggoner, Messenger, Whitehall.....	3 60	.....
H. D. Wing, Record, Ahnapee.....	7 20	.....
		\$429 60

"A."—General Fund Disbursements.

ADVERTISING LANDS.		
Allen & Hicks, Northwestern, Oskosh.....	\$9	40
David Atwood, State Journal, Madison.....	25	35
Thomas Barden, Times, Superior City.....	16	45
James Bintliff & Son, Republican, Darlington....	9	40
Berryman & Lacy, Union, Prairie du Chien.....	14	10
C. M. Bright, Republican, Waupaca.....	8	50
Bennett Brothers, Tribune, Mineral Point.....	13	60
Frank Cooper, Banner, Black River Falls.....	24	10
Cramer, Aikens & Cramer, Wisconsin, Milwaukee.	16	45
Clark & Goodell, Register, Portage.....	32	40
Henry Casson, Jr., Censor, Virrequa.....	22	50
Case & Doolittle, Herald, Ellsworth.....	20	50
Clark & Goodell, Register, Portage.....	4	70
A. Dewey, Shield, Barron.....	22	00
J. W. De Groff, Express, Alma.....	11	75
Free Press Co., Free Press, Eau Claire.....	18	80
W. R. Finch, Republican and Leader.....	25	60
S. D. Forbes, Central Union, Westfield.....	34	75
Flint & Weber, News, Menomonie.....	13	00
Sam S. Fifield, Press, Ashland.....	43	00
Sam S. Fifield, Press, Bayfield.....	38	50
Gazette Printing Co., Gazette, Janesville.....	11	75
Geo. C. Ginty, Herald, Chippewa Falls.....	41	00
A. S. Hearn, Chronicle, Dodgeville.....	9	40
H. J. Hoffman, Republican and Press, Neillsville.	16	45
W. H. Huntington, Courier, Durand.....	14	10
L. B. Hubbell, Star and News, Medford.....	55	00
Hoskinson & Follett, State Gazette, Green Bay....	18	80
C. S. Hart, Reporter, Oconto.....	70	00
J. E. Ingraham, Reporter, Grand Rapids.....	15	20
R. H. Johnson, Central Wisconsin, Wausau.....	21	50
H. M. Kutchin, Commonwealth, Fond du Lac....	9	40
J. H. Keyes, Republican, Watertown.....	9	40
F. F. Livermore, Courant, Berlin.....	23	00
Frank Long, Advocate, Sturgeon Bay.....	25	50
H. M. Lomer, Journal, Shawano.....	39	50
M. H. McCord, Advocate, Jenny.....	12	00
D. McBride & Son, Herald, Sparta.....	26	60
McGlachlin & Simons, Journal, Stevens Point....	11	00
Hays McKinley, Telegraph, Kenosha.....	9	40
Chas. E. Mears, Press, Osceola Mills.....	34	50
W. S. Munroe, Argus, Wautoma.....	27	70
Nagle & Borchardt, Pilot, Manitowoc.....	27	70
Post Publishing Co., Post, Appleton.....	28	00
Peavy & Sanford, Advocate, Racine.....	9	40
S. W. Pierce, Press, Friendship.....	12	12
M. P. Rindlaub, Witness, Platteville.....	11	75
S. F. Sprague & Son, Star, Mauston.....	14	15
H. A. Taylor & Co., Star and Times, Hudson.....	26	50
W. E. Talboys, Sentinel, Grantsburg.....	18	80
Taylor & Prie, Star and Times, Hudson.....	7	05
J. H. Waggoner, Observer, Richland Center.....	10	50
Ed. E. Woodman, Republic, Baraboo.....	30	05
E. B. Waggoner, Messenger, Whitehall.....	11	75
H. D. Wing, Record, Ahnapee.....	21	15
H. M. Yeomans, Freeman, Waukesha.....	14	10
		\$1,169 07

"A." — General Fund Disbursements.

FOR REAL ESTATE RETURNS.		
J. A. Bertschy, Outagamie county (1878).....	\$40 24	.....
J. A. Bertschy, Outagamie county.....	18 00	.....
Henry Bechmann, Buffalo county.....	15 54	.....
B. M. Berendson, Brown county.....	3 84	.....
D. B. Benedict, Kenosha county.....	7 52	.....
Wm. Boyd, Jr., Pepin county.....	6 72	.....
John Bowen, Racine county.....	9 04	.....
John W. Bell, Ashland county.....	6 00	.....
J. D. Cruttenden, Bayfield county.....	2 80	.....
Wm. P. Durley, Grant county.....	36 48	.....
Otto Georgii, Crawford county.....	12 48	.....
John Gengler, Ozaukee county.....	8 50	.....
J. J. Hawley, Waushara county.....	9 04	.....
Ole O. Hole, Waupaca county.....	16 00	.....
F. B. Hoskins, Fond du Lac county.....	20 80	.....
H. O. Hagestead, Burnett county.....	23 44	.....
Christian Hemmy, Dodge county.....	32 48	.....
Huff Jones, Oconto county.....	34 00	.....
D. G. Jones, Iowa county.....	15 04	.....
T. G. Jeffers, Taylor county.....	8 96	.....
Asahel Kimball, Polk county.....	4 24	.....
W. T. King, Wood county.....	25 68	.....
James Keogh, Jr., Door county.....	30 40	.....
H. B. Lowe, Green Lake county.....	8 00	.....
K. W. Lewis, Pierce county.....	23 52	.....
W. D. McGilvray, Chippewa county.....	28 00	.....
W. H. Morrison, Walworth county.....	5 12	.....
E. J. Mooney, Calumet county.....	8 64	.....
A. Mahlendorf, Sheboygan county.....	11 20	.....
John A. Murat, Portage county.....	9 37	.....
T. C. L. Mackay, La Fayette county.....	6 40	.....
Fred. P. Muller, Manitowoc county.....	18 80	.....
John O. Melby, Trempealeau county.....	8 80	.....
D. George Morrison, Douglas county.....	10 96	.....
C. C. Olson, Vernon county.....	12 00	.....
C. H. Pierce, Marquette county.....	6 80	.....
Sewall A. Peterson, Dunn county.....	9 28	.....
Geo. H. Perkins, Jackson county.....	8 56	.....
D. Rutledge, Jefferson county.....	19 84	.....
Eugene P. Rose, Juneau county.....	11 20	.....
Reuben Sutton, Richland county.....	13 20	.....
A. W. Schmidt, Marathon county.....	18 56	.....
Andrew Schmidt, Washington county.....	8 16	.....
Walter Speed, Barron county.....	2 80	.....
Edw. Sommers, Shawano county.....	16 64	.....
Herman Schuster, Clark county.....	15 36	.....
L. E. Strum, Eau Claire county.....	9 60	.....
Geo. L. Sharrets, St. Croix county.....	38 40	.....
John M. True, Sauk county.....	9 60	.....
C. E. Tamberg, Green county.....	3 84	.....
C. J. Thorsness, Dane county.....	18 60	.....
Henry Tisch, Kewaunee county.....	7 20	.....
C. L. Valentine, Rock county.....	20 00	.....
L. Wachenheimer, La Crosse county.....	14 08	.....
Emil Weiskirch, Milwaukee county.....	26 88	.....

"A" — General Fund Disbursements.

W. G. Williams, Monroe county.....	\$25 12	.....
V. R. Willard, Lincoln county.....	67 20	.....
George Yule, Columbia county.....	12 64	.....
		\$921 61
FOR FREE HIGH SCHOOLS.		
Appleton	\$386 30	.....
Avoca	278 44	.....
Beaver Dam	318 55	.....
Black River Falls.....	309 38	.....
Boscobel.....	309 38	.....
Brandon.....	216 56	.....
Baraboo	329 50	.....
Beloit	342 48	.....
Berlin	316 40	.....
Broadhead	309 38	.....
Burlington	309 38	.....
Chilton	309 38	.....
Chippewa Falls.....	351 65	.....
Columbus	309 38	.....
Darlington	309 38	.....
Delavan	309 30	.....
Durand.....	194 90	.....
Eau Claire.....	421 57	.....
Elkhorn	309 38	.....
Evansville	309 38	.....
Fond du Lac.....	563 22	.....
Fort Atkinson	309 38	.....
Glen Beulah.....	219 36	.....
Geneva	309 38	.....
Green Bay.....	413 26	.....
Grand Rapids.....	232 03	.....
Hazel Green.....	194 90	.....
Hillsborough	185 62	.....
Horicon	309 38	.....
Janesville	456 12	.....
Kewaunee	216 56	.....
Kenosha	249 78	.....
Lancaster	309 38	.....
Lodi	284 23	.....
Lone Rock.....	202 73	.....
La Crosse.....	503 04	.....
Lake Mills.....	247 50	.....
Mayville.....	393 91	.....
Mazomani	303 19	.....
Mineral Point.....	310 42	.....
Montello.....	272 25	.....
Muscoda.....	157 78	.....
Madison	455 66	.....
Marinette.....	309 38	.....
Mauston.....	262 97	.....
Monroe.....	314 05	.....
Mount Hope.....	61 87	.....
Neenah.....	330 47	.....
New Lisbon	309 38	.....

“A.”—General Fund Disbursements.

Necedah.....	\$309 38	.....
Neillsville.....	309 38	.....
Oshkosh.....	598 43	.....
Osceola Mills.....	102 09	.....
Omro.....	309 38	.....
Pepin.....	208 83	.....
Pewaukee.....	232 03	.....
Port Andrew.....	119 87	.....
Plymouth.....	309 38	.....
Portage.....	336 95	.....
Prescott.....	201 09	.....
Ripon. 1st. District.....	316 74	.....
Ripon. 2d. District.....	136 82	.....
Richland Center.....	213 19	.....
Racine.....	521 27	.....
Stockbridge.....	197 38	.....
Stoughton.....	247 50	.....
Sauk City.....	296 32	.....
Sumner.....	60 36	.....
Sheboygan.....	388 33	.....
Sheboygan Falls.....	309 38	.....
Shullsburg.....	309 38	.....
Sparta.....	324 84	.....
Spring Grove.....	309 38	.....
Stephens Point.....	316 86	.....
Tomah.....	309 38	.....
Two Rivers.....	232 03	.....
Viroqua.....	250 59	.....
Watertown.....	443 93	.....
Waupun, North ward.....	262 97	.....
Waupun, South Ward.....	279 81	.....
West Salem.....	309 38	.....
Wonevoc.....	247 50	.....
Waupaca.....	309 38	.....
West Depere.....	216 56	.....
Wauwatosa.....	216 56	.....
		\$25,000

FOR COUNTY AGRICULTURAL SOCIETIES.

Buffalo.....	\$100 00	.....
Baraboo Valley Agricultural Society.....	100 00	.....
Barron.....	100 00	.....
Boscobel Agricultural Driving Pk. Ass'n.....	100 00	.....
Burnett.....	100 00	.....
Central Wis. Agricultural & Mechanical Ass'n.....	100 00	.....
Crawford.....	100 00	.....
Columbia.....	100 00	.....
Clark.....	100 00	.....
Calumet.....	100 00	.....
Columbus Union.....	100 00	.....
Dodge.....	100 00	.....
Door.....	100 00	.....
Eastern Monroe Co. Agricultural Society.....	100 00	.....
Eau Claire.....	100 00	.....
Fond du Lac.....	100 00	.....
Green.....	100 00	.....
Grant.....	100 00	.....

"A." — General Fund Disbursements.

Iowa	\$100 00	
Jackson	100 00	
Jefferson	100 00	
Juneau	100 00	
Kewaunee	100 00	
Kenosha	100 00	
La Fayette	100 00	
La Crosse	100 00	
Lodi Union	100 00	
Monroe	100 00	
Marquette	100 00	
Manitowoc Central A. & M. Ass'n	100 00	
Marathon	100 00	
Ozaukee	100 00	
Outagamie A. & M. Ass'n	100 00	
Oconto	100 00	
Portage	100 00	
Pierce	100 00	
Pepin	100 00	
Ripon Ag'l Soc.	100 00	
Rock	100 00	
Richland	100 00	
Racine	100 00	
S. W. Wis. Ag'l Ass'n	100 00	
Sheboygan	100 00	
Sheboygan German Ag'l and Indus. Soc.	100 00	
Sauk	100 00	
St. Croix	100 00	
S. Wis. & S. Ill. Indus. Ass'n	100 00	
Sheboygan (for 1878)	100 00	
Trempealeau	100 00	
Vernon	100 00	
Walworth	100 00	
Washington	100 00	
Waukesha	100 00	
Waupaca	100 00	
Waupaca A. M. Ass'n	100 00	
Waushara	100 00	
Wood	100 00	
		\$5,700 00

FOR BOUNTY ON WILD ANIMALS.

John Adams.....	\$3 00	J. C. Andrews	\$5 00	
James M. Atwood	5 00	Reuben Avenel...	10 00	
Charles Andrews.	2 00	Edgar Annis	18 00	
Luther W. Allen.	6 00	S. L. Arneson	5 00	
Joseph Andereg..	3 00	Joseph C. Adams...	5 00	
Olen Anderson...	5 00	Wm. Allison, Jr.	5 00	
S. L. Anderson...	5 00	Bernhard Alexander	9 00	
A. Ankenbrandt..	30 00	W. B. Andrews	5 00	
A. L. Anderson..	5 00	Thos. Alsop	10 00	
Gustav Arneson..	3 00	J. F. Ambrel	8 00	
W. J. Argabrite..	3 00	Frank Allen	5 00	
Cullen Ayres	3 00	Charles L. Brown...	3 00	
Z. C. Applebee ..	10 00	Edwin E. Brown...	5 00	

“A.”—General Fund Disbursements.

Nicholas Bly....	\$3 00	John Bear.....	\$3 00	.....
M. H. Boynton...	5 00	F. J. Blanding....	3 00	.....
Chancey Barnett..	3 00	Oscar Burdick....	3 00	.....
D. F. Bestor.....	3 00	Page N. Butts....	3 00	.....
Carl Boetscher..	3 00	John H. Billings..	5 00	.....
Andrew Baertsch.	10 00	Calvert Boughton..	5 00	.....
Adam Baum.....	5 00	L. M. Brewster....	3 00	.....
George Bent.....	3 00	Byron Currier....	10 00	.....
E. B. Binning....	5 00	A. G. Cary.....	3 00	.....
H. Brown.....	3 00	Elmer A. Cragin...	3 00	.....
Samuel Bigsby..	5 00	William Cardrn...	5 00	.....
Fred Brown.....	6 00	Charles Coon.....	20 00	.....
Neils Bredson...	3 00	L. E. Coon.....	60 00	.....
Rich. K. Brown..	5 00	F. W. Covell.....	3 00	.....
Ed'n R. Bennette.	5 00	James G. Clawson..	5 00	.....
John S. Bjeland..	10 00	Erastus Cilly....	10 00	.....
Edward Bendel...	3 00	Charles N. Coon...	35 00	.....
D. F. Bestor...	17 00	Simeon Case.....	5 00	.....
Wallace Brown..	9 00	Adam Cory.....	5 00	.....
H. P. Boynton...	5 00	P. H. Conley.....	3 00	.....
Andreas Baertsch	5 00	W. J. Cory.....	6 00	.....
Wm. H. Bugh.....	5 00	John Clancy.....	5 00	.....
Perry Blanchard.	5 00	L. E. Coon.....	58 00	.....
Ed. Bain.....	10 00	Joseph Coombs....	10 00	.....
Wilber Baxter....	5 00	W. W. Chinnock...	5 00	.....
Nathan Baxter...	5 00	C. N. Coon.....	142 00	.....
Lawrence Burtis.	5 00	Eli Cline.....	3 00	.....
Haver Blust....	3 00	D. W. Copper.....	3 00	.....
Fred Brown.....	6 00	A. T. Conger.....	5 00	.....
Chauncy Barnett.	3 00	J. D. Clark.....	5 00	.....
A. C. Bennett....	3 00	L. T. Crain.....	10 00	.....
Chas. Baker.....	5 00	C. H. Carter.....	5 00	.....
Ernest Brown....	3 00	W. M. Carter.....	5 00	.....
Perry Blanchard.	5 00	Wm. Crancy.....	5 00	.....
Chas. Best.....	6 00	Richard Crampney.	10 00	.....
D. C. Baldwin...	10 00	Alex. Copper.....	5 00	.....
Ever O. Bjerke...	5 00	A. B. Comstock...	5 00	.....
Wallace Brown..	6 00	Geo. Claridge....	5 00	.....
Arthur Boughton	5 00	Peter Constantine..	6 00	.....
F. D. Bevray....	5 00	Charles Caron....	19 00	.....
Chas. E. Bruce...	5 00	O. L. Call.....	5 00	.....
J. Beshangkward.	3 00	John Carothers...	3 00	.....
Stephen Burris...	5 00	Charles Corbin....	9 00	.....
John Bowers....	10 00	C. K. Chatterson...	5 00	.....
John Bly.....	3 00	J. D. Clark.....	5 00	.....
Walter B. Bill....	6 00	Edward Cawell....	5 00	.....
Geo. A. Butler...	6 00	R. D. Curtis.....	3 00	.....
Eric Baker.....	3 00	Jaque Charles....	3 00	.....
Wallace Brown..	3 00	Eli Cline.....	3 00	.....
Dorwin Bagley..	5 00	Jack Deer, (Indian)	5 00	.....
L. M. Brewster...	3 00	A. S. Davis.....	5 00	.....
Aug. Burmeister.	3 00	John Day.....	3 00	.....
Louis C. Bronett.	12 00	Ira Dodge.....	6 00	.....
D. W. Binks.....	5 00	E. R. Daniels.....	3 00	.....
Perry Blanchard.	5 00	Edward Donovan..	6 00	.....
Carl C. Bjornstad	5 00	J. R. Davis.....	15 00	.....
D. M. Buchanan	3 00	H. E. Durand.....	6 00	.....

"A."— General Fund Disbursements.

Peter Desgarden..	\$3 00	August Gobel	\$5 00	.....
James Dickson...	3 00	J. W. Gwin	3 00	.....
J. W. Daws.....	3 00	John Glasner	3 00	.....
Henry Donnelly ..	5 00	Fred Gattwinkell...	3 00	.....
Edwin Daniels ...	3 00	W. H. Gillaird.....	9 00	.....
James H. Dunn...	10 00	John Gillian	3 00	.....
E. O. Douglas	5 00	Frank G'loud	8 00	.....
Edward Donovan .	6 00	Samuel Given.....	3 00	.....
Lucien Dewey....	70 00	Owin Gray.....	5 00	.....
A. B. Day	9 00	Amasa Grover.....	5 00	.....
Geo. W. Davis....	6 00	Chas. V. Guy	5 00	.....
Chas. Dickinson..	20 00	Frank Gattwinkell..	16 00	.....
John Duffy.....	9 00	Joseph German.....	12 00	.....
Aaron Y. Davis...	20 00	Frank Geshkah	3 00	.....
Mads Evanson....	6 00	F. D. Goodrich	5 00	.....
Henry Evans.....	110 00	Thad. W. Gray.....	5 00	.....
H. P. Elesmore...	9 00	Antoine Gordon....	6 00	.....
O. C. Ely.	5 00	Thos. Gilbertson....	8 00	.....
A. H. Eldred	5 00	W. F. Goodell.....	5 00	.....
Erick Ereckson...	5 00	Chris. Graham.....	3 00	.....
Daniel C. Edwards	5 00	Nelson Geer.....	3 00	.....
L. N. Elkins.....	6 00	A. J. Grimes.....	3 00	.....
Wm. Eberhard....	3 00	John Gwin	5 00	.....
Hans Eliason.....	3 00	S. B. Hewett, Sen...	5 00	.....
John Everson.....	3 00	Horace Hayden.....	85 00	.....
E. H. Elfson	6 00	C. H. Hayden.....	85 00	.....
Lewis N. Elkins..	3 00	John Hottman.....	10 00	.....
Aaron Fisher.....	9 00	Frank Heinge.....	5 00	.....
Henry Fink	3 00	Charles Hohman ...	5 00	.....
Eugene S. Fuller .	5 00	Robt. Heinman.....	3 00	.....
C. M. Farr	5 00	George Holland	5 00	.....
Louis Fournier...	3 00	John Harville	3 00	.....
H. H. Field	5 00	W. S. Hale	6 00	.....
James B. Fox.....	5 00	Casper Huber	5 00	.....
Geo. Foresman ...	3 00	Chas. Howard	9 00	.....
Peter Fox.....	15 00	Geo. D. Hetrick ...	3 00	.....
Gerhard Fussenick	3 00	John Hande.....	3 00	.....
V. E. Furgason...	5 00	Derone Hollister...	6 00	.....
Alfred Freeman ..	3 00	Edward Hanson ...	3 00	.....
Francis Frank.....	6 00	Enoch Q. Harpster..	3 00	.....
Geo. Ferguson....	3 00	Joseph Harvey.....	5 00	.....
Frank Fralick....	3 00	Charles Havens.....	10 00	.....
Michael Faha	5 00	Severt Hanson	10 00	.....
Henry C. Foltz ...	5 00	Theodore Hawkins .	10 00	.....
A. C. Frost	3 00	T. J. Hammond	5 00	.....
A. G. Fuller.....	5 00	Henry Hieder	5 00	.....
Louis Fidler.....	3 00	J. B. Hunt.....	5 00	.....
Frank Fawcett ...	3 00	Frederick Hetty ...	3 00	.....
Henry C. Folz....	3 00	Henry Hieder	3 00	.....
Albert Folsom....	5 00	Amos Henry	3 00	.....
Henry Goetz.....	3 00	Chauncey Hackett..	3 00	.....
T. Gulickson	9 00	Charles Howard....	6 00	.....
Peter Groh	3 00	Leonard Hale.....	6 00	.....
Chris. Graham....	3 00	John Heley	3 00	.....
Frank Gloyd	5 00	Horace Hayden.....	50 00	.....
Benjamin Getter..	3 00	C. V. Hobbs.....	10 00	.....
S. L. Gates	12 00	Seth Heath.....	9 00	.....

"A."—General Fund Disbursements.

Elijah Hinkson...	\$5 00	James Kelley.....	\$3 00	
Frederick Henir..	8 00	Anton Knudson....	3 00	
Joseph Harvey ...	5 00	Arne Knudson.....	3 00	
Charles Hopkins..	6 00	John Kinney	6 00	
Charles Huyck...	24 00	C. W. Kreuger.....	5 00	
S. Haskennett....	18 00	O. F. Knapp.....	5 00	
Jos. Hohenberger.	3 00	Helge Knudson....	5 00	
D. G. Harris.....	3 00	George S. King....	5 00	
H. H. Hinds.....	5 00	Julius Krauser....	5 00	
Albert Hulce.....	3 00	J. Kennenonckwat.	5 00	
W. S. Hale.....	24 00	H. A. Kinnick.....	12 00	
H. Hurlbert.....	6 00	Albert Longoski...	3 00	
Edward Haskins..	3 00	Frank La Meux....	6 00	
James Holton....	5 00	A. LaVernway.....	3 00	
W. R. Heath.....	12 00	O. S. Lyon.....	15 00	
C. H. Hayden....	30 00	T. Livangood.....	5 00	
Paul Herried.....	5 00	L. T. Lewis.....	5 00	
Joseph Harper...	6 00	Thompson Levett..	5 00	
A. D. Henry.....	49 00	J. R. Lowe.....	3 00	
Albert Holmes....	3 00	Peter Lemeur.....	12 00	
E. R. Houghton..	5 00	Charles Lang.....	15 00	
Jos. Hohenberger.	3 00	Joseph Lovelace...	5 00	
Wm. Hawwig.....	3 00	Fred Laving.....	3 00	
Chas. Hazen.....	10 00	Little Soldier (Ind).	3 00	
Hosea Hall.....	6 00	J. B. Loomis.....	5 00	
Chas. W. Hopkins.	5 00	W. F. Lockman....	5 00	
Judson Hall.....	5 00	Jan Lukovecz....	5 00	
Fred Heckendorf.	3 00	Peter Lernicur....	8 00	
Chas. Hamblin....	6 00	Frank Long.....	5 00	
T. W. Jones.....	30 00	Joseph Leverage...	3 00	
Frank Jones.....	45 00	Jacob Larson.....	5 00	
Knud Johnson....	5 00	Peter N. Long.....	9 00	
Robert Johnson..	3 00	Joseph Leverage...	9 00	
Nells P. Johnson.	6 00	H. P. Lamphere...	3 00	
T. W. Jones.....	45 00	Frank Lemieur....	9 00	
Philip P. Jewell..	3 00	C. H. Lewis.....	5 00	
J. P. Shon. Equot.	8 00	Carl O. Lund.....	5 00	
Knud Johnson...	5 00	Godfrey Lovelet..	3 00	
Edward John....	5 00	Wm. H. Lowrey....	6 00	
John Martin.....	6 00	David Lovelett...	3 00	
Frank Jones.....	45 00	Warren Lewis.....	5 00	
T. W. Jones.....	10 00	Frank McCarville..	3 00	
E. Jabanuel....	3 00	John McCarville...	3 00	
Mike John (Ind)..	3 00	Henry McCanslin..	3 00	
George Johnson..	3 00	John McCarty.....	3 00	
Wm. Johnson....	3 00	Frank McLaughlin	5 00	
Alva Jarvis.....	5 00	John McDonald....	11 00	
Franz Kaufman...	3 00	J. Q. McWilliams..	5 00	
Charles Kuntz....	3 00	W. J. McWilliams..	10 00	
Myron Keyes....	5 00	A. J. Melvin.....	5 00	
J. D. Keyes.....	3 00	Elsworth Miegs...	3 00	
Anton Knudson..	6 00	W. V. B. Morse....	5 00	
James Kitchen...	3 00	Andrew Malott....	5 00	
James Kelley....	3 00	E. Markle.....	6 00	
Nicholas King...	3 00	John Mathis.....	8 00	
J. W. Kencannon.	15 00	Benj Maxwell....	18 00	
F. Knudtson.....	5 00	J. P. Morris.....	10 00	
J. D. Keyes.....	9 00	Ransom Moore....	9 00	
Wm. Krause.....	5 00	J. J. Mathewson...	3 00	
George King, Jr..	15 00			

"A."—General Fund Disbursements.

W. Macomber ...	\$3 00	Andrew Reed.....	\$25 00	.....
Marcell Mitchell.	27 00	Aug. Ran.	3 00	.....
John F. Morgan ..	3 00	Aug. Raether.....	3 00	.....
Joseph Morehead	5 00	H. Rittenhouse ...	10 00	.....
Geo. M. Moore... ..	15 00	Virgil Rathbun... ..	5 00	.....
Mich. Myerhofer .	5 00	Frank Rese.....	3 00	.....
Jerry Murphy ...	5 00	Thos B. Rand.....	5 00	.....
J. J. Myrick.....	5 00	Joseph Robb.....	5 00	.....
H. N. Muzzy.....	5 00	Frank Rood.....	3 00	.....
— Murray.....	21 00	Herman Rottering.	5 00	.....
J. R. Mathewson.	6 00	Frank Rice.....	5 00	.....
John Mayer.....	6 00	Gibber Reno.....	6 00	.....
R. P. Monroe.....	6 00	Aug. Rady.....	3 00	.....
E. J. Munyon.....	5 00	Geo. W. Rowell....	5 00	.....
Frank Miora.....	3 00	Andrew Reid.....	20 00	.....
Andrew Malott ..	3 00	Michael Riley.....	3 00	.....
Lawrence Meemer	3 00	Henry Rumsey.....	3 00	.....
H. B. Newcomb .	25 00	Chas. Rohrback....	3 00	.....
John Nicholson...	20 00	Stephen Randall... ..	3 00	.....
— Nekanack ..	9 00	E. W. Rous.....	5 00	.....
Lyman Norton ..	5 00	Peter Roney.....	5 00	.....
James Nolan.....	8 00	Chas. Robinson... ..	3 00	.....
John Nicholson...	30 00	Henry Ramsey.....	3 00	.....
Nels Nelson.....	6 00	Wm. Rutherford... ..	5 00	.....
O. J. Newcomb..	5 00	J. C. Reed.....	3 00	.....
Wm. Newkomb... ..	5 00	Stephen Randall... ..	6 00	.....
B-nj. Nichols....	3 00	William Stevenson.	5 00	.....
Martin Oleson... ..	3 00	H. E. Stone.....	10 00	.....
Wilson Oviatt....	5 00	Jacob Schwarz.....	3 00	.....
A. T. Omli.....	5 00	Albert Schne.....	5 00	.....
William O. Dell ..	3 00	James Saxton.....	5 00	.....
A. W. Oison.....	5 00	Geo. Schlinger.....	3 00	.....
John Oakland... ..	5 00	John Stuart.....	5 00	.....
Dexter Owen.....	5 00	Joseph Stagy.....	3 00	.....
John Pearsell....	5 00	Daniel St. Otis....	3 00	.....
J. W. Perry.....	3 00	William Shaw.....	3 00	.....
Geo. Powell.....	5 00	Peter Smith.....	5 00	.....
James Plush.....	3 00	S. H. Snyder.....	3 00	.....
John W. Pulver .	5 00	William St. Clair..	3 00	.....
Granville Pettist.	5 00	J. W. Shafer.....	3 00	.....
S. A. Phettleplace	5 00	John Stuber.....	5 00	.....
John Porterfield .	3 00	Aaron Sharpe.....	5 00	.....
J. G. Parker.....	5 00	Baldwin Sears.....	5 00	.....
John G. Pabist... ..	3 00	Edgar Sears.....	10 00	.....
Matthew Perry ..	6 00	W. B. Southard....	8 00	.....
Burley Philbrick.	5 00	John Sadler.....	5 00	.....
Ole Peterson.....	5 00	Frank Skye.....	6 00	.....
B. E. Porter.....	3 00	V. K. Shelley.....	3 00	.....
Stephen Pray....	3 00	Walter Snell.....	6 00	.....
Jos. A. Pamberton	3 00	J. B. Shaw.....	5 00	.....
Ford Peck.....	15 00	Christ Sanding....	5 00	.....
Heiman Pohling.	5 00	Wm. Starling.....	3 00	.....
C. B. Phelps.....	5 00	J. W. Southard....	5 00	.....
Aug. Pitz.....	6 00	John H. Seal.....	3 00	.....
Henry H. Potter .	5 00	Lyman Scanadore..	3 00	.....
Henry Peters.....	3 00	Wm. Sterling.....	3 00	.....
Wm. Quirk.....	5 00	Thomas Sutliff....	5 00	.....
L. W. Rodman... ..	6 00	Peter Shawrith....	9 00	.....
H. L. Ries.....	3 00	Benj. Starin.....	3 00	.....

"A."—General Fund Disbursements.

Truman Sears ...	\$10 00	Christ. Von Wald..	\$10 00	
Miles H. Spurrier	5 00	P. G. Winters	9 00	
E. Stockwell.....	3 00	A. G. Wester	3 00	
Harlow Sheldon...	9 00	Newton Welch	3 00	
John Smith	3 00	Geo. L. Ward.....	5 00	
Thos. Stoup	3 00	J. W. Wright.....	3 00	
Frank Stewart... ..	5 00	Jesse Walker	5 00	
John Schmoker..	6 00	Carl Wilcox.....	5 00	
Baldwin Sears... ..	5 00	Crist. Wessenberg..	5 00	
Geo. W. Simmons	5 00	Chas. Walker	5 00	
Jac. Smith.....	3 00	A. D. Waterman ...	6 00	
Jacob Scheltz	3 00	J. Winterstein	10 00	
Ross Segerson... ..	6 00	Richard White	6 00	
Samuel Smith.....	3 00	War Club (Indian).	3 00	
Wm. H. Scruton..	3 00	Chas. Walker.....	5 00	
Samuel Shaffer ..	5 00	Jac. Winterstein... ..	10 00	
James Sterrett... ..	5 00	Fred. Wies	21 00	
V. Scofield	3 00	Jerome Webley....	3 00	
John Smith	3 00	H. J. Webley.....	3 00	
George Sc Wenger.	5 00	Joseph Werrell....	5 00	
St. Germain	21 00	John S. Williams..	5 00	
Jos. Tomlinson... ..	45 00	Washington Winter	5 00	
R. G. Taplin.....	3 00	Israel Weymouth..	10 00	
Fritz Traummel... ..	6 00	John Worthington.	24 00	
J. W. Taylor.....	5 00	Geo. Walking Cloud	3 00	
George Turner... ..	3 00	A. B. Wheelock....	9 00	
Chas. R. Tyler... ..	3 00	John Wagner	5 00	
Warren Trash	15 00	Alex. Wake.....	20 00	
N. S. Tannehill..	3 00	Willie Ward	5 00	
Chas. Taayer... ..	3 00	Matthew Walklin..	3 00	
O. Thomas	27 00	Richard White.....	3 00	
C. M. Tarr.....	5 00	Frank Worthing... ..	3 00	
Jos. Tomlinson .	76 00	William Walling ..	5 00	
James Trumbull.	9 00	H. J. Webley	3 00	
M. Torkelson....	5 00	Leroy Washburn... ..	3 00	
Eugene Taylor... ..	5 00	Samuel Williams... ..	12 00	
Samuel Tallman.	5 00	Frank H. White ...	9 00	
P. H. Townsend .	12 00	Samuel Ward.....	5 00	
Abel Tourtelotte.	6 00	Robert Wallace....	5 00	
Albert Torkelson.	5 00	Thos. L. Young ...	5 00	
Ed. A. Tronrod .	5 00	Wm. J. Yankee....	9 00	
Marshall S. Taft .	3 00	Wm. Yeakey	5 00	
Jacob Ulrich	6 00	Matthew Young ...	3 00	
Christ. Van Wald	5 00	John Zink.....	3 00	
Christ. Van Wald	5 00	John Zulanski.....	3 00	
Loon Van Wald..	17 00			\$4,590 00

FOR SPECIAL APPROPRIATIONS.

Abijah Abbott, Ch. 41, Laws 1878, monument to late Governor Harvey	\$700 00	
J. Dunn and J. A. Mahaffy, Ch. 142, Laws 1879, Packwaukee bridge	500 00	
Attorney General, Ch. 110, Laws 1879, costs, State vs. City of Duluth	1,302 54	
Henry Baetz, Ch. 149, L. 1879, costs, State vs. H. Baetz	1,417 56	
James Edwards, Ch. 30, Laws 1879, sale of arms.....	26 00	

"A." — General Fund Disbursements.

North Wis. Ag'l. Society, Ch. 73, Laws, 1879...	\$1,000 00	.....
Fanny Nicodemus, Ch. 56, Laws 1879, maps of Wisconsin.....	2,800 00	.....
State Agricultural Society, Ch. 72, Laws 1879..	2,000 00	.....
Sarah Jane Tarr, Ch. 97, Laws of 1879, failure of land title	151 19	.....
Winnebago County, Ch. 253, laws 1879, support of insane	532 12	.....
Green Lake County, Ch. 215, Laws 1879, support of insane paupers.....	203 10	.....
State Horticultural Soc. Ch. 151, Laws 1879.	600 00	.....
Outagamie County, Ch. 217, Laws 1879, support of insane	461 37	.....
Jas. Simmons, Ch. 203, Laws 1879. Simmon's Digest.....	1,125 00	.....
F. Shomers and others, Ch. 193, Laws 1879, steam road wagon.....	5,000 00	.....
		\$17,818 88
FOR MISCELLANEOUS PURPOSES.		
Henry Kleinpell, treasury agent, commissions..	\$2,352 18	.....
David Atwood, Daily State Journal for Secretary's office.....	22 50	.....
A. R. Spofford, copyright to Vol. 44 Wisconsin Reports	2 00	.....
Moses M. Strong, packing cabinet of M. M. Strong deceased.....	49 04	.....
Chas. E. Bross, rent of telephone	25 00	.....
A. D. Gorham, making reports of crime.....	1 20	.....
Refunded income penalty	4 83	.....
		2,456 75
		\$1,055,112 51

"A." — School Fund.

SCHOOL FUND.

RECEIPTS.		
Sales of land	\$6,423 61	.....
Dues on certificates	29,491 76	.....
Loans	25,404 03	.....
Penalties and forfeitures	17 85	.....
Taxes	11 92	.....
Fines	1,229 08	.....
United States five per cent. on sales of public lands in Wisconsin from June 30, 1877, to June 30, 1878	1,181 85	.....
Loan to Iowa county	10,000 00	.....
Loan to Clark county	5,000 00	.....
Loan to Polk county	500 00	.....
Loan to Racine county	3,125 00	.....
Loan to town and city of Mineral Point	5,000 00	.....
Loan to town of Necedah, Juneau county	1,450 00	.....
Loan to town of Newport, Columbia county	750 00	.....
Total receipts		<u>\$89,585 10</u>
DISBURSEMENTS.		
<i>School District Loans —</i>		
No. 1. Auburndale, Wood county	\$500 00	.....
4. Auburndale, Wood county	200 00	.....
4. Appleton City, Outagamie county	3,000 00	.....
2. Brannan, Price county	500 00	.....
1. Caledonia, Trempealeau county	350 00	.....
1. Caledonia, Waupaca county	400 00	.....
3. Caledonia, Waupaca county	300 00	.....
5. Dale, Outagamie county	200 00	.....
7. Darlington and Seymour, La Fayette Co.	300 00	.....
7. Eastman, Crawford county	150 00	.....
9. Excelsior, Richland county	500 00	.....
3. Farmington, La Crosse county	200 00	.....
5. Gale, Trempealeau county	100 00	.....
2. Glencoe, Buffalo county	200 00	.....
9. Haney and Clayton, Crawford county	300 00	.....
11. Haney and Scott, Crawford county	150 00	.....
1. Hutchinson, Shawano county	150 00	.....
10. Hixon, Jackson county	200 00	.....
3. Holton, Marathon county	200 00	.....
5. Kaukauna, Outagamie county	300 00	.....
4. Kimball, La Fayette county	250 00	.....
1. Kaukauna & Wrightstown, Outagamie & Brown counties	450 00	.....
3. Loyal, Clark county	600 00	.....
2. Loyal, Clark county	600 00	.....
2. Moundville, Marquette county	300 00	.....
2. Northfield, Jackson county	200 00	.....
6. Otter Creek, Eau Claire county	300 00	.....
7. Richford and Deerfield, Waushara Co. ...	100 00	.....
1. Richmond and Star Prairie, St. Croix Co. ...	5,000 00	.....
2. Roxbury, Dane county	300 00	.....
4. Rudolph, Wood county	500 00	.....
3. Rockland, Brown county	120 00	.....
1. Sherman, Dunn county	300 00	.....
6. Stanton, Dunn county	300 00	.....
2. Stanton, Dunn county	200 00	.....

"A."— *School Fund Income Receipts*

No. 4. Spring Lake, Pierce county	\$300 00	.....
2. Suamico, Brown county	200 00	.....
1. Trenton, Pierce county	400 00	.....
1. Weston and Eau Galle, Dunn county ..	420 00	.....
2. Waumonda, Montana & Glencoe Buffalo county	300 00	.....
		\$19,440 00
Loan to Burnett county		20,000 00
Loan to Barron county		20,000 00
Loan to Wood		500 00
Loan to City of Jefferson		5,000 00
Loan to City of New London		11,500 00
Loan to City and Town of Mineral Point		18,000 00
Loan to town of Little Wolf, Waupaca county		5,000 00
Loan to town of Luck, Polk county		2,500 00
Loan to town of Mineral Point, Iowa county		12,000 00
Refunded for overpayments		33 35
Total disbursements		\$113,973 35

SCHOOL FUND INCOME.

RECEIPTS.		
Interest on land certificates and loans	\$42,066 95	.....
Interest on certificates of indebtedness	109,179 00	.....
Interest on U. S. Bonds	2,373 30	.....
Interest on Wisconsin Bonds	180 00	.....
Interest on Milwaukee Bonds	11,900 00	.....
Interest on loan to Burnett county	659 75	.....
Interest on loan to Clark county	1,050 00	.....
Interest on loan to Iowa county	3,850 00	.....
Interest on loan to Jackson county	1,307 95	.....
Interest on loan to Juneau county	340 90	.....
Interest on loan to Racine county	656 25	.....
Interest on loan to Wood county	3,220 00	.....
Interest on loan to town and city of Mineral Point.	2,450 00	.....
Interest on loan to town of Newport, Columbia Co.	93 15	.....
Interest on loan to town of Necedah, Juneau Co.	856 50	.....
Interest on loan to town of Rushford, Winnebago county	121 60	.....
Interest on loan to Polk county	201 25	.....
Interest on loan to City of New London	226 30	.....
Refunded percentage on purchase of U. S. bonds ..	875 00	.....
Treas. Gen Fund, Section 247, Revised Statutes ..	7,088 36	.....
Transfer from Ag'l. College Fund Income	71	.....
Transfer from Delinquent Tax Fund	6 01	.....
Total receipts		\$188,702 98

"A." — *School Fund Income Disbursements.*

DISBURSEMENTS.

School Apportionment to Counties—

Adams	\$984 58	.....
Ashland	140 98	.....
Barron	615 22	.....
Bayfield	115 14	.....
Brown	4,901 62	.....
Buffalo	2,360 56	.....
Burnett	190 76	.....
Calumet	2,380 70	.....
Chippewa	1,707 34	.....
Clark	1,122 14	.....
Columbia	4,287 16	.....
Crawford	2,397 80	.....
Dane	7,704 50	.....
Dodge	7,101 44	.....
Door	1,330 00	.....
Douglas	92 72	.....
Dunn	2,077 84	.....
Eau Claire	2,054 28	.....
Fond du Lac	7,341 90	.....
Grant	5,912 04	.....
Green	3,146 02	.....
Green Lake	2,070 24	.....
Iowa	3,665 48	.....
Jackson	1,690 24	.....
Jefferson	5,019 42	.....
Juneau	2,156 12	.....
Kenosha	2,096 08	.....
Kewaunee	2,533 46	.....
La Crosse	3,312 46	.....
La Fayette	3,323 10	.....
Lincoln	162 64	.....
Manitowoc	6,251 00	.....
Marathon	1,698 22	.....
Marinette	359 10	.....
Marquette	1,386 24	.....
Milwaukee	16,862 12	.....
Monroe	3,085 98	.....
Oconto	1,416 26	.....
Outagamie	4,001 40	.....
Ozaukee	2,645 18	.....
Pepin	892 62	.....
Pierce	2,383 36	.....
Polk	1,117 20	.....
Portage	2,221 43	.....
Racine	4,185 32	.....
Richland	2,745 88	.....
Rock	5,109 48	.....
St. Croix	2,217 30	.....
Sauk	3,944 02	.....
Shawano	1,108 84	.....
Sheboygan	5,410 44	.....
Taylor	171 00	.....
Trempealeau	2,360 56	.....
Vernon	3,403 28	.....
Walworth	3,408 60	.....

"A"—School Fund Income Disbursements.

Washington.....	\$3,718 30	
Waukesha.....	4,040 16	
Waupaca.....	2,933 22	
Waushara.....	1,869 98	
Winnebago.....	5,656 68	
Wood.....	831 82	
		\$181,429 02
<i>Securing School Lands —</i>		
S. H. Alban.....	36 00	
V. W. Bayles.....	40 00	
W. P. Bartlett.....	10 00	
J. G. Callahan.....	30 00	
M. Fields.....	31 00	
Geo. W. Fay.....	96 00	
C. M. Foresman.....	74 15	
John H. Knight.....	43 00	
E. S. McBride.....	111 72	
Joel F. Nason.....	31 00	
D. L. Quaw.....	36 00	
Norman Thatcher.....	96 00	
Isaac H. Wing.....	43 00	
		\$677 87
Transfer to delinquent tax fund.....		2 10
Refunded for overpayments.....		496 28
Total disbursements.....		\$182,605 27

UNIVERSITY FUND.

RECEIPTS.		
Sales of land.....	164 21	
Dues on certificates.....	2,854 00	
Loans.....	8,957 79	
Total receipts.....		\$11,976 00
DISBURSEMENTS.		
Loan to Shawano county.....	15,000 00	
Refunded for overpayments.....	6 43	
Total disbursements.....		\$15,006 43

“ A.” — *University Fund Income.*

UNIVERSITY FUND INCOME.

RECEIPTS.		
Interest on land certificates and loans	\$5,028 68	.....
Interest on certificates of indebtedness.....	7,770 00	.....
Interest on Dane county bonds.....	1,015 00	.....
Interest on Milwaukee city bonds.....	700 00	.....
General Fund, appropriation, Sec. 390, R. S.....	41,310 30	.....
Interert and premium on Lewis Medal Fund.....	1 84	.....
A. Anderson & Co., interest on the Johnson endow- ment	500 00	.....
John S. Dean, Sec., tuition fees.....	4,387 42	.....
John S. Dean, Sec., sale of Soldiers' Orphans' Home	4,700 00	.....
John S. Dean, Sec., sale of farm products.....	617 80	.....
John S. Dean, Sec., rent of house.....	123 00	.....
John S. Denn, Sec., books sold.....	7 50	.....
John S. Dean, Sec., interest on lots sold.....	106 15	.....
John S. Dean, Sec., sale of old iron.....	23 50	.....
John S. Dean, Sec., laboratory expenses	440 99	.....
John S. Dean, Sec., damages	7 54	.....
John S. Dean, Sec.; Madison Manfg. Co., refunded	11 25	.....
		\$66,750 97
DISBURSEMENTS.		
Treasurer of State University	\$66,713 87	.....
Refunded for overpayments.....	37 10	.....
		\$66,750 97

AGRICULTURAL COLLEGE FUND.

RECEIPTS.		
Sales of land.....	\$6,049 83	.....
Dues on certificates.....	8,746 00	.....
Loans	8,113 46	.....
Dane county bonds.....	1,500 00	.....
Total receipts.....		\$24,409 29
DISBURSEMENTS.		
Loan to city of New London.....		\$500 00

 "A." — Normal School Fund.

 AGRICULTURAL COLLEGE FUND INCOME.

RECEIPTS.		
Interest on land certificates and loans.....	\$11,624 79	.....
Interest on certificates of indebtedness.....	3,612 00	.....
Interest on Milwaukee city bonds.....	700 00	.....
Interest on Dane County bonds.....	262 50	.....
Total receipts.....		\$16,199 29
DISBURSEMENTS.		
Treasurer of State University.....	\$15,830 55	.....
Transfer to School Fund Income.....	71	.....
Refunded for overpayments.....	368 03	.....
Total disbursements.....		\$16,199 29

 NORMAL SCHOOL FUND.

RECEIPTS.		
Sales of land.....	\$9,098 06	.....
Dues on certificates.....	2,165 00	.....
Loans.....	16,152 22	.....
Penalties and forfeitures.....	17 09	.....
Bonds of the town of Clifton, Pierce county....	500 00	.....
Bonds of the town of River Falls, Pierce county..	1,000 00	.....
Bonds of town of Kinnickinnic, St. Croix county..	500 00	.....
Bonds of the town of Troy, St. Croix county.....	1,000 00	.....
Loan to Iowa county.....	10,000 00	.....
Loan to Racine county..	1,875 00	.....
Loan to town of Princeton, Green Lake Co.....	500 00	.....
Loan to town of Pine Valley, Clark Co.....	600 00	.....
Total receipts.....		\$43,407 37
DISBURSEMENTS.		
Loan to Wood county.....	\$36,500 00	.....
Loan to Board of Education city of Beaver Dam..	4,000 00	.....
Loan to Board of Education city of Neenah.....	10,000 00	.....
Loan to city of Waupaca, Waupaca county.....	1,500 00	.....
Loan to town of Waupaca, Waupaca county.....	750 00	.....
Total disbursements.....		\$52,750 00

"A."—*Drainage Fund.*

NORMAL SCHOOL FUND INCOME.

RECEIPTS.		
Interest on land certificates and loans	\$8,627 11	.....
Interest on certificates of indebtedness	36,099 00	.....
Interest on Milwaukee city bonds.....	11,200 00	.....
Interest on Clifton town bonds.....	140 00	.....
Interest on Kinnickinnic town bonds	126 00	.....
Interest on Troy town bonds.....	140 00	.....
Interest on River Falls town bonds.....	490 00	.....
Interest on loan to town of Pine River Valley	168 00	.....
Interest on loan to Iowa county.....	5,633 56	.....
Interest on Albany city bonds.....	120 00	.....
Interest on loan to Racine county.....	398 75	.....
Interest on loan to Wood county.....	2,310 00	.....
Interest on loan to La Crosse city	2,401 10	.....
Interest on loan to town of Princeton	249 40	.....
Tuition fees, Platteville Normal School	3,040 21	.....
Tuition fees, Whitewater Normal School.....	2,663 63	.....
Tuition fees, Oshkosh Normal School.....	4,552 47	.....
Tuition fees, River Falls Normal School	2,813 81	.....
Overpayment on text-books refunded.....	420 28	.....
Total receipts.....		\$81,588 32
DISBURSEMENTS.		
Treas. of Board of Regents of Normal Schools...	\$81,569 87	.....
Refunded for overpayments.....	18 45	.....
Total disbursements.....		\$81,588 32

DRAINAGE FUND.

RECEIPTS.		
Interest on land certificates.....	\$759 35	.....
Sales of land.....	10,363 57	.....
Dues on certificates	279 00	.....
Penalties	6 38	.....
Total receipts.....		\$11,408 30
DISBURSEMENTS.		
<i>Apportionment to Counties —</i>		
Adams	\$60 00	.....
Ashland	150 00	.....
Bayfield	50 00	.....
Brown	3 15	.....
Buffalo	86 63	.....
Burnett	599 09	.....
Chippewa	213 35	.....
Clark	80 00	.....
Columbia	22 19	.....
Dane	143 07	.....
Door	2,141 14	.....

"A."— Drainage Fund Disbursement.

Douglas.....	\$329 16	
Dunn.....	101 31	
Eau Claire.....	33 95	
Fond du Lac.....	6 30	
Grant.....	3 15	
Green.....	2 80	
Green Lake.....	46 41	
Jackson.....	254 69	
Jefferson.....	63 27	
Juneau.....	360 00	
Kewaunee.....	384 66	
La Crosse.....	53 04	
Lincoln.....	558 66	
Manitowoc.....	126 29	
Marathon.....	740 10	
Marquette.....	203 83	
Marinette.....	428 01	
Monroe.....	99 95	
New.....	548 50	
Oconto.....	1,126 49	
Pepin.....	47 53	
Pierce.....	10 48	
Portage.....	408 81	
Price.....	150 00	
St. Croix.....	30 00	
Sauk.....	76 11	
Shawano.....	714 45	
Taylor.....	300 00	
Trempealeau.....	12 18	
Waukesha.....	44 10	
Waupaca.....	463 34	
Waushara.....	262 11	
Winnebago.....	243 59	
Wood.....	126 08	
Refunded for overpayments.....	!	\$11,907 97
		102 12
Total disbursements.....		\$12,010 09

DELINQUENT TAX FUND.

RECEIPTS.		
Taxes on State lands.....	\$16,708 19	
Transfer from School Fund Income.....	2 10	
Total receipts.....		\$16 710 29
DISBURSEMENTS.		
<i>Apportionment to Counties —</i>		
Adams.....	25 29	
Ashland.....	771 12	
Barron.....	252 01	
Bayfield.....	299 33	
Brown.....	59 25	

"A."— *Delinquent Tax Fund Disbursements.*

Buffalo	\$115 18	.....
Burnett	134 74	.....
Chippewa	992 02	.....
Clark	1,230 67	.....
Columbia	18 29	.....
Crawford	47 93	.....
Dane	94 21	.....
Door	864 18	.....
Douglas	53 88	.....
Dunn	346 39	.....
Eau Claire	69 51	.....
Grant	61 74	.....
Iowa	80 66	.....
Jackson	221 84	.....
Jefferson	6 49	.....
Juneau	58 61	.....
Kewaunee	325 77	.....
La Crosse	69 73	.....
La Fayette	14 05	.....
Lincoln	556 78	.....
Manitowoc	96 12	.....
Marathon	802 91	.....
Marinette	268 45	.....
Marquette	53 13	.....
Milwaukee	97 40	.....
Monroe	212 74	.....
New	252 72	.....
Oconto	782 95	.....
Outagamie	585 75	.....
Pepin	62 53	.....
Pierce	589 01	.....
Polk	767 98	.....
Portage	150 63	.....
Price	84 12	.....
Racine	3 95	.....
Richland	344 68	.....
Rock	10 27	.....
St. Croix	996 06	.....
Sauk	85 82	.....
Shawano	2,896 60	.....
Taylor	1,410 57	.....
Trempealeau	74 65	.....
Vernon	369 48	.....
Walworth	4 35	.....
Washington	4 38	.....
Waukesha	15 39	.....
Waupaca	395 76	.....
Waushara	53 96	.....
Winnebago	22 46	.....
Wood	87 30	.....
Transfer to School Fund Income		\$17,831 79
Refunded for over payments		6 01
		148 42
Total disbursements		\$17,986 22

APPENDIX "B."—Statement showing the relative value of Real and Personal Property subject to taxation in the several counties of the State of Wisconsin, as determined and assessed by the State Board of Assessment for the year 1879:

COUNTIES.	Horses.	Neat Cattle.	Mules and Asses.	Sheep and Lambs.	Swine.	Wagons, Carriages and Sleighs.	Watches.	Pianos and Melodeons.
	Value.	Value.	Value.	Value.	Value.	Value.	Value.	Value.
Adams	\$60,600	\$93,348	\$7,600	\$7,343	\$10,240	\$28,975	\$1,485	\$5,280
Ashland	1,650	2,244	100	.....	26	1,175	810	880
Barron	18,810	42,732	1,960	1,061	2,258	18,025	870	1,200
Bayfield	870	408	.....	.....	6	400	540	1,440
Brown	191,320	143,400	1,200	9,431	12,256	98,475	5,070	28,490
Buffalo	154,080	202,356	14,250	11,606	18,436	68,175	2,535	7,840
Burnett	4,800	23,460	100	807	968	7,025	915	480
Calumet	192,680	160,860	2,650	12,774	15,038	94,675	3,540	9,440
Chippewa.....	74,820	85,848	4,300	3,258	7,624	37,250	1,995	7,200
Clark	43,620	83,112	3,100	5,160	4,166	41,075	2,715	7,040
Columbia	396,200	325,164	7,400	85,851	47,462	114,200	11,280	70,620
Crawford.....	199,880	145,896	4,800	13,268	29,192	51,275	3,510	10,480
Dane.....	963,750	798,864	13,950	98,865	124,810	374,520	20,010	105,050
Dodge	687,650	564,992	8,100	83,237	43,098	339,160	10,125	74,140
Door	43,230	56,292	2,500	2,687	5,262	39,850	2,160	4,080
Douglas	1,320	1,224	.....	75	.....	950	420	640
Dunn	120,090	161,028	14,850	9,890	14,752	71,950	4,875	16,080
Eau Claire	155,160	105,372	3,950	3,753	7,348	63,075	6,105	33,660
Fond du Lac	637,550	523,584	6,750	109,436	32,454	303,800	16,395	102,300
Grant	602,760	472,032	23,100	27,461	158,242	194,600	13,470	66,440
Green	363,000	390,696	10,050	43,181	98,734	116,750	7,800	41,360
Green Lake.....	200,840	139,440	2,500	59,036	19,690	70,875	4,920	29,920
Iowa	368,760	352,776	8,300	19,643	84,650	112,625	4,230	19,680
Jackson	98,730	118,476	5,200	5,600	8,380	42,400	3,465	11,040
Jefferson	438,700	450,976	8,350	57,660	46,622	198,520	8,250	62,810
Juneau	150,240	124,656	4,450	10,784	18,192	61,075	5,820	20,400
Kenosha	228,350	235,272	3,600	88,512	21,130	103,440	6,090	33,220

"B."—Value of Real and Personal Taxable Property.

"B" — Value of Real and Personal Taxable Property.

Kewaunee.....	86,370	125,100	1,750	8,018	10,916	88,325	2,370	8,840
La Crosse.....	203,400	143,352	7,700	9,519	14,626	67,800	5,670	35,090
La Fayette.....	372,880	353,208	14,000	18,769	100,126	97,475	5,835	44,440
Lincoln.....	5,520	7,440	.....	312	410	2,250	180	480
Manitowoc.....	335,480	284,184	2,650	25,039	19,164	286,920	1,860	10,960
Marathon.....	49,440	95,232	2,250	5,743	5,942	44,575	3,495	9,440
Marquette.....	20,340	14,472	3,950	627	954	16,025	1,065	4,560
Marquette.....	87,210	118,380	2,550	25,432	16,034	59,575	2,040	8,400
Milwaukee.....	505,600	204,048	11,250	6,636	14,988	425,450	29,940	290,115
Monroe.....	240,320	189,768	8,700	16,857	25,180	98,350	6,285	27,610
Oconto.....	32,820	38,148	500	1,209	2,342	24,500	2,175	6,960
Outagamie.....	228,080	213,684	4,200	23,469	18,994	115,775	5,490	26,620
Ozaukee.....	214,600	177,568	1,300	6,027	10,410	116,400	630	7,040
Pepin.....	49,020	60,504	4,400	3,910	6,364	30,225	1,605	7,760
Pierce.....	132,690	147,588	11,300	11,691	12,998	63,425	2,850	12,560
Polk.....	41,850	80,196	2,800	3,045	4,156	33,250	2,235	5,520
Portage.....	85,080	120,732	6,000	13,638	14,066	58,900	4,980	14,560
Price.....	2,700	6,060	100	169	246	3,625	90	640
Racine.....	281,650	241,104	3,200	65,229	22,424	132,080	4,830	30,030
Richland.....	256,725	191,268	10,100	32,988	47,338	62,075	5,490	12,960
Rock.....	700,650	504,048	13,250	67,981	97,624	333,080	28,095	112,860
St. Croix.....	159,180	124,956	12,100	4,081	10,280	78,250	5,775	32,560
Sauk.....	342,320	276,864	11,100	30,718	52,000	127,900	12,675	46,200
Shawano.....	38,730	71,256	700	4,908	6,784	33,575	1,710	3,520
Sheboygan.....	441,600	507,568	6,300	32,521	24,020	300,760	10,020	55,660
Taylor.....	1,740	4,656	100	13	98	2,450	345	560
Trempealeau.....	161,730	194,172	15,450	14,497	13,810	72,975	3,600	14,400
Vernon.....	319,360	227,616	6,650	29,808	47,732	85,950	4,305	10,160
Walworth.....	495,050	427,312	5,250	152,122	59,422	211,360	15,330	81,510
Washington.....	393,500	318,352	6,200	28,450	30,442	257,640	5,010	12,480
Waukesha.....	436,800	354,912	6,300	112,078	44,952	290,240	10,500	65,230
Waupaca.....	121,890	168,972	4,000	21,066	15,086	102,375	5,670	27,500
Waushara.....	117,900	152,208	6,350	22,791	17,284	65,075	3,270	12,000
Winnebago.....	427,150	245,808	6,050	50,551	18,260	226,800	13,635	96,910
Wood.....	26,940	43,488	1,300	1,635	3,036	24,625	1,710	7,120
Total.....	\$13,865,770	\$12,241,732	\$362,850	\$1,621,926	\$1,625,044	\$6,674,370	\$360,165	\$1,909,465

APPENDIX "B."—Statement showing the relative value of Real and Personal Property—continued.

COUNTIES.	Bank stock.	Merchants' and manufac- turers' stock.	All other personal property.	Total assessed value of all personal prop- erty.	City and vil- lage lots.	Lands.	Total assessed value of all property.
	Value.	Value.	Value.				
Adams		\$30,771	\$100,175	\$345,817	\$65,049	\$1,626,799	\$2,037,665
Ashland		31,132	24,782	62,799	132,442	1,228,513	1,423,754
Barron		36,441	81,987	205,284	27,266	824,437	1,056,987
Bayfield	700	3,977	5,165	13,506	55,722	639,374	708,602
Brown	140,350	422,735	342,619	1,395,346	2,088,557	2,759,419	6,243,322
Buffalo	8,690	128,276	283,346	899,590	273,405	1,940,219	3,113,214
Burnett		3,255	15,098	56,908	.....	449,595	506,503
Calumet	23,447	105,334	197,520	817,958	219,105	4,725,647	5,762,710
Chippewa	52,195	85,165	78,689	438,344	707,794	4,308,083	5,454,221
Clark	29,095	82,176	37,190	338,449	276,993	2,557,435	3,172,877
Columbia	59,100	419,281	635,811	2,172,369	2,025,417	6,862,497	11,060,283
Crawford	325	83,165	190,689	732,480	393,762	1,774,105	2,900,347
Dane	178,600	486,890	2,028,161	5,193,470	3,504,886	13,660,785	22,359,141
Dodge		624,547	968,617	3,408,666	2,166,736	14,628,518	20,203,920
Door		37,487	47,421	240,969	65,830	1,015,419	1,322,218
Douglas		1,678	9,950	16,257	185,186	438,934	640,377
Dunn	578	359,709	381,865	1,155,667	262,141	2,495,676	3,913,484
Eau Claire	60,000	362,920	198,312	999,655	2,203,010	1,860,817	5,063,482
Fond du Lac	158,500	745,826	1,211,959	3,848,554	4,504,311	9,865,328	18,218,193
Grant	32,500	294,463	908,668	2,793,736	1,193,507	7,687,607	11,674,850
Green	72,050	211,243	1,067,201	2,422,065	1,040,549	6,241,710	9,704,324
Green Lake	101,300	149,861	249,758	1,028,140	784,680	3,519,376	5,332,196
Iowa	1,775	187,908	213,473	1,373,820	993,871	4,508,428	6,876,119
Jackson	22,528	103,844	210,145	630,308	223,826	1,561,023	2,415,157
Jefferson	247,236	493,757	554,002	2,566,883	2,522,887	7,021,608	12,111,378
Juneau		139,716	229,510	764,843	530,507	1,683,341	2,978,689
Kenosha	70,050	289,291	570,538	1,652,493	1,435,689	3,794,898	6,883,080
Kewaunee	6,205	79,589	113,558	526,041	241,104	1,666,773	2,433,918

"B."—Value of Real and Personal Taxable Property.

"B."—Value of Real and Personal Taxable Property.

La Crosse	90,000	638,763	538,498	1,754,418	2,815,316	2,674,223	7,243,957
La Fayette	2,775	196,490	420,983	1,626,981	624,787	6,990,686	9,242,454
Lincoln		6,684	8,128	31,404	24,626	1,551,045	1,607,076
Manitowoc	32,800	642,446	417,424	2,058,927	1,924,731	7,227,364	11,211,022
Marathon	25,000	237,372	117,803	596,292	606,773	2,083,482	3,286,547
Marquette	14,532	336,631	146,350	559,556	236,833	2,386,503	3,182,942
Marquette	1,350	37,576	61,983	400,530	213,173	1,132,623	1,746,326
Milwaukee	1,198,231	7,335,936	4,160,605	14,182,799	32,270,133	7,321,103	537,74,035
Monroe	51,366	173,935	250,477	1,088,848	765,884	2,867,074	4,721,806
Oconto		361,780	91,650	562,084	537,355	3,221,249	4,320,688
Outagamie	101,086	234,174	205,433	1,177,005	1,458,099	5,173,910	7,809,014
Ozaukee		100,158	222,824	856,957	433,090	3,821,857	5,121,904
Pepin		29,862	87,117	280,767	73,447	810,857	1,165,071
Pierce	9,479	157,702	249,451	811,734	503,853	2,705,843	4,021,480
Polk	230	86,793	93,087	353,162	113,356	1,342,220	1,808,738
Portage	690	153,336	167,679	639,661	603,233	1,410,422	2,653,366
Price	75	13,857	7,202	34,764	39,225	1,256,268	1,330,257
Racine	456,070	733,076	898,997	2,868,690	4,406,327	5,959,166	13,234,183
Richland	240	141,578	212,943	973,700	255,310	2,489,309	3,718,319
Rock	305,000	753,599	1,984,458	4,900,645	4,310,836	11,090,281	20,301,762
St. Croix	47,377	175,314	228,901	878,774	705,515	3,701,917	5,286,206
Sauk	31,000	217,640	729,466	1,877,883	920,494	4,765,093	7,563,470
Shawano	550	37,627	96,560	295,920	95,946	2,063,485	2,455,351
Sheboygan	112,046	470,498	1,067,992	3,028,985	2,338,478	9,074,789	14,442,252
Taylor		18,745	11,758	40,465	33,618	938,047	1,012,130
Trempealeau		129,635	329,955	950,224	276,841	3,094,154	4,321,219
Vernon	975	55,092	312,349	1,099,997	163,733	3,159,977	4,423,707
Walworth	174,748	431,492	1,437,263	3,490,859	2,250,516	8,541,156	14,282,531
Washington	5,350	138,754	572,300	1,768,478	576,997	7,250,206	9,595,681
Waukesha	50,000	265,439	1,531,634	3,218,085	1,553,794	10,149,716	14,921,595
Waupaca	11,200	145,414	152,952	776,125	682,877	2,616,419	4,075,421
Waushara	9,255	66,143	117,580	589,856	154,299	1,911,060	2,655,215
Winnebago	312,900	1,308,770	1,234,747	3,941,581	5,549,766	5,808,942	15,300,289
Wood	32,658	196,776	27,169	366,457	420,593	777,778	1,564,828
Total	\$4,342,257	\$22,029,524	\$29,149,927	\$94,183,030	\$96,064,182	\$248,724,589	\$488,971,801

APPENDIX "C."—Statement of the valuation of taxable property of the several counties of the State of Wisconsin, as determined by the State Board of Assessment for the year 1879, and the apportionment of the state and special taxes for the said year 1879.

COUNTIES.	Valuation by State Board 1879.	STATE TAX.	SPECIAL TAXES.				Total taxes.	
		1.0385 mills per cent. on val'n.	State Hospital for the Insane.	Northern Hospital for Insane	Indust'l Scho'l for Boys.	Due on loans to School Dist's.		Special loans.
Adams	\$2,037,665	\$2,116 11	\$342 95	.....	\$52 00	\$575 44	.....	\$3,086 50
Ashland	1,423,754	1,478 56	.....	.....	.....	.....	.....	1,478 56
Barron	1,056,987	1,097 68	199 35	.....	.....	20 06	\$350 75	2,167 84
Bayfield	708,602	735 88	.....	.....	.....	214 00	.....	949 88
Brown	6,243,322	6,483 78	.....	\$2,579 22	1,461 25	1,914 29	.....	12,433 54
Buffalo	3,113,214	3,233 07	511 50	.....	.....	724 40	.....	4,468 97
Burnett	506,503	526 00	292 35	.....	.....	.....	2,733 33	3,551 68
Calumet	5,762,710	5,984 57	.....	1,280 77	374 00	289 25	.....	7,928 59
Chippewa	5,454,221	5,664 20	771 05	.....	.....	523 60	.....	6,958 85
Clark	3,172,877	3,295 02	2 36	467 20	.....	2,158 11	6,426 00	12,348 69
Columbia	11,060,283	11,486 10	1,902 75	.....	257 75	1,242 46	802 50	15,691 56
Crawford	2,900,347	3,012 01	1,300 48	.....	265 25	1,892 18	.....	6,469 92
Dane	23,359,141	23,219 96	5,062 06	.....	416 00	1,132 14	.....	29,830 16
Dodge	20,203,920	20,981 77	.....	2,951 23	52 00	378 00	1,163 35	25,526 35
Door	1,322,218	1,373 12	.....	654 46	52 00	971 55	.....	3,051 13
Douglas	640,377	665 03	100 01	.....	.....	.....	.....	765 04
Dunn	3,913,484	4,064 15	1,536 41	.....	111 50	1,290 80	.....	7,092 86
Eau Claire	5,063,482	5,258 42	1,763 91	.....	317 50	3,125 87	.....	10,470 70
Fond du Lac	18,218,193	18,919 59	.....	3,586 54	1,448 00	.....	.....	23,954 13
Grant	11,674,850	12,124 33	3,163 06	.....	468 00	2,054 25	.....	17,814 64
Green	9,704,324	10,077 94	1,676 40	.....	187 75	1,517 34	.....	13,459 43
Green Lake	5,332,196	5,537 48	.....	982 07	219 00	1,200 00	780 00	8,718 55
Iowa	6,876,119	7,140 84	2,325 20	.....	208 00	959 51	38,629 30	49,262 85
Jackson	2,415,157	2,508 14	800 68	.....	83 00	315 00	1,400 00	5,106 82
Jefferson	12,111,378	12,577 66	.....	2,435 97	314 50	280 00	733 35	16,341 48
Juneau	2,978,687	3,093 36	626 05	.....	52 00	1,449 30	2,888 50	8,109 21
Kenosha	6,883,080	7,148 07	.....	1,008 06	104 00	.....	.....	8,260 13
Kewaunee	2,433,918	2,527 62	.....	771 42	.....	320 00	.....	3,619 04
La Crosse	7,243,957	7,522 84	2,284 39	.....	432 50	914 00	2,800 00	13,953 73

"C."—Taxable Property of the Several Counties.

"C."—Taxable Property of the Several Counties.

La Fayette.....	9,242,454	9,598 28	1,593 39	.....	21 50	10,540 50	.....	21,753 67
Lincoln.....	1,607,076	1,668 94	.....	99 43	.....	456 00	.....	2,224 37
Manitowoc.....	11,211,022	11,642 64	.....	2,818 85	156 00	4,416 80	.....	19,084 29
Marathon.....	3,286,547	3,413 07	.....	451 98	3 00	1,854 09	.....	5,722 14
Marinette.....	3,182,942	3,305 48	.....	6 00	.....	.....	.....	3,311 48
Marquette.....	1,746,326	1,813 55	.....	584 59	.....	81 50	.....	2,479 64
Milwaukee.....	53,774,035	55,844 33	195 63	7,960 38	1,372 25	.....	.....	65,372 59
Monroe.....	4,721,806	4,903 59	1,119 39	.....	219 25	1,231 14	.....	7,473 37
Oconto.....	4,320,688	4,487 03	.....	1,040 27	356 00	.....	.....	5,883 30
Outagamie.....	7,809 014	8,109 66	.....	1,783 54	654 75	2,074 48	.....	12,622 43
Ozaukee.....	5,121,904	5,319 09	.....	987 66	87 25	.....	.....	6,394 00
Pepin.....	1,165,071	1,209 92	629 23	.....	.....	761 00	.....	2,600 15
Pierce.....	4,021,430	4,176 25	1,366 34	.....	52 00	1,230 95	.....	6,825 54
Polk.....	1,808,738	1,878 37	774 15	.....	52 00	399 33	1,072 70	4,176 55
Portage.....	2,653,366	2,755 52	.....	889 36	173 00	1,844 50	.....	5,662 38
Price.....	1,330,257	1,381 47	.....	.....	.....	512 00	.....	1,893 47
Racine.....	13,234,183	13,743 69	.....	1,973 22	522 75	.....	5,700 00	21,939 66
Richland.....	3,718,319	3,861 47	960 11	.....	73 00	952 92	.....	5,847 50
Rock.....	20,301,762	21,033 37	2,841 11	.....	444 50	3,196 07	.....	27,565 05
St. Croix.....	5,286,206	5,489 72	916 14	.....	52 00	1,425 20	.....	7,883 06
Sauk.....	7,563,470	7,854 66	1,800 01	.....	148 75	793 31	560 00	11,156 73
Shawano.....	2,455,351	2,549 88	.....	378 45	.....	174 00	355 85	3,458 18
Sheboygan.....	14,442,252	14,998 27	.....	2,218 83	51 00	.....	.....	17,268 10
Taylor.....	1,012,130	1,051 09	.....	199 03	.....	729 26	.....	1,979 38
Trempealeau.....	4,321,219	4,487 58	1,003 08	.....	.....	2,200 71	.....	7,691 37
Vernon.....	4,423,707	4,594 01	1,444 30	.....	46 75	2,126 93	.....	8,211 99
Walworth.....	14,282,531	14,832 40	1,510 15	.....	334 50	114 00	.....	16,791 05
Washington.....	9,595,681	9,965 11	.....	1,800 38	.....	802 50	.....	12,567 99
Waukesha.....	14,921,595	15,496 07	28 29	1,835 50	129 75	1,121 00	.....	18,610 61
Waupaca.....	4,075,421	4,232 32	.....	1,367 61	357 25	691 24	333 78	7,032 20
Waushara.....	2,655,215	2,757 44	.....	724 28	52 00	320 05	.....	3,853 77
Winnebago.....	15,300,289	15,839 35	.....	2,999 45	480 50	5 04	2,060 00	21,434 34
Wood.....	1,564,828	1,624 97	.....	623 53	104 00	2,408 30	18,482 75	23,243 55
City New London.....	.....	.....	.....	.....	.....	.....	835 55	835 55
Total.....	\$438,971,801	\$455,871 89	\$40,852 28	\$47,459 28	\$12,819 75	\$67,924 37	\$88,657 71	\$713,585 28

APPENDIX "D."—Abstract of the Assessment Rolls of the several counties in the State of Wisconsin, as returned to the Secretary of State for the year 1879, under the provisions of Section 1067 of the Revised Statutes.

COUNTIES.	HORSES.			NEAT CATTLE.			MULES AND ASSES.		
	Number.	Value.	Av. Val.	Number.	Value.	Av. Val.	Number	Value.	v. Val.
Adams	2,084	\$68,527	\$32 88	8,097	\$78,725	\$9 72	133	\$5,110	\$38 42
Ashland	52	1,783	34 29	245	3,936	16 07	2	75	37 50
Barron	864	43,465	50 31	4,670	62,158	13 31	82	5,420	65 30
Bayfield	27	1,515	56 11	34	925	27 21	.....	.....	.....
Brown	4,624	165,886	35 77	11,401	137,287	12 04	19	670	35 26
Buffalo	5,341	274,932	51 48	15,841	139,715	8 82	278	15,637	56 25
Burnett	244	9,693	39 73	2,132	19,331	9 07	2	50	25 00
Calumet	5,097	233,353	45 78	13,994	162,136	11 59	51	2,046	40 12
Chippewa	2,834	124,574	43 96	9,039	99,021	10 95	101	4,634	45 88
Clark	1,585	57,568	36 32	8,018	102,130	12 74	85	3,380	39 76
Columbia	10,200	446,279	43 75	28,859	306,731	10 63	153	6,805	43 17
Crawford	5,438	167,261	30 76	12,683	112,705	8 89	82	3,015	36 77
Dane	19,231	840,601	43 71	52,632	556,193	10 57	275	12,935	47 04
Dodge	13,474	641,477	47 61	36,203	418,499	11 56	153	7,160	46 80
Door	1,707	66,122	38 74	5,785	68,414	11 83	51	1,985	38 92
Douglas	47	2,225	47 34	128	3,370	26 33	1	75	75 00
Dunn	4,269	203,504	47 67	14,612	152,006	10 40	314	18,147	57 79
Eau Claire	4,104	286,413	69 79	9,536	115,482	12 11	86	6,075	70 64
Fond du Lac	12,672	647,969	51 13	32,186	401,098	12 46	137	6,760	49 34
Grant	14,979	492,593	32 89	41,087	408,327	9 94	429	15,511	36 16
Green	9,243	335,303	36 28	36,300	434,668	11 97	185	7,654	41 37
Green Lake	5,008	217,678	43 47	12,081	119,248	9 87	47	1,882	40 04
Iowa	9,248	321,517	34 77	31,262	338,554	10 83	169	7,385	43 70
Jackson	3,368	171,328	50 87	9,989	114,455	11 46	117	5,821	49 75
Jefferson	8,806	353,513	40 14	29,040	350,977	12 09	153	6,940	45 36
Juneau	3,817	148,081	38 80	10,125	105,198	10 39	87	3,605	41 44
Kenosha	4,277	178,625	41 76	15,667	207,861	13 27	61	3,120	51 15
Kewaunee	3,108	124,431	40 04	11,034	134,649	12 20	36	1,415	39 31

"D."—Abstract of Assessment Rolls.

"D."—Abstract of Assessment Rolls.

La Crosse.....	5,192	246,193	47 42	11,627	119,583	10 28	134	6,788	50 66
La Fayette.....	9,159	327,285	35 73	30,417	372,225	12 24	343	10,310	42 43
Lincoln.....	234	7,293	31 17	812	8,913	10 98	.....	.....	.....
Manitowoc.....	8,661	367,546	42 44	22,445	250,158	11 15	37	1,340	36 22
Marathon.....	1,875	92,654	49 42	9,137	97,958	10 72	35	1,765	50 43
Marinette.....	745	26,450	35 50	1,218	15,730	12 91	98	3,380	34 49
Marquette.....	2,967	110,216	37 15	10,235	84,883	8 29	56	2,105	37 59
Milwaukee.....	10,551	571,784	54 19	13,917	222,448	15 98	272	13,955	51 31
Monroe.....	5,947	221,578	37 26	16,459	145,734	8 85	167	6,662	39 89
Oconto.....	1,152	47,064	40 85	4,095	54,468	13 30	10	308	30 80
Outagamie.....	5,950	269,287	45 26	17,353	179,576	10 35	83	4,470	53 86
Ozaukee.....	4,593	198,264	43 17	11,828	139,808	11 82	34	1,397	41 09
Pepin.....	1,706	82,632	48 44	5,226	47,214	9 03	126	6,469	51.34
Pierce.....	5,147	247,873	48 16	13,165	127,701	9 70	264	15,220	57 65
Polk.....	1,694	92,546	54 63	7,871	101,266	12 87	69	4,400	63 77
Portage.....	2,760	121,298	43 95	11,115	122,527	11 02	112	5,400	48 21
Price.....	23	1,276	55 48	169	5,522	32 67	.....	.....	.....
Racine.....	5,539	308,421	55 68	15,575	217,060	13 94	71	3,877	54 61
Richland.....	6,067	196,971	32 47	17,332	145,953	8 42	193	7,590	39 33
Rock.....	13,919	662,510	47 60	34,500	474,721	13 76	289	14,065	48 65
St. Croix.....	5,709	317,473	55 61	10,702	121,945	11 39	329	19,372	58 88
Sauk.....	8,699	337,593	38 81	24,304	238,831	9 63	215	9,317	43 33
Shawano.....	1,622	78,815	48 59	7,155	83,992	11 74	16	835	52 19
Sheboygan.....	9,142	408,091	44 64	33,540	431,801	12 87	126	6,255	49 64
Taylor.....	88	3,891	44 22	613	10,598	17 29	.....	.....	.....
Trempealeau.....	5,776	263,329	45 59	16,770	161,340	9 62	296	16,292	55 04
Vernon.....	8,045	298,288	37 08	19,858	173,240	8 72	115	4,427	38 50
Walworth.....	9,791	477,098	48 73	28,947	393,131	13 58	115	5,065	44 04
Washington.....	7,929	331,670	41 83	19,965	217,300	10 88	112	4,845	43 26
Waukesha.....	10,105	494,248	48 91	23,872	322,277	13 50	118	7,511	63 65
Waupaca.....	4,365	181,197	41 51	15,947	158,363	9 93	68	3,595	52 87
Waushara.....	4,120	157,509	38 23	14,404	137,489	9 55	137	4,447	32 46
Winnebago.....	8,283	412,249	49 77	20,850	249,513	11 97	129	6,820	52 87
Wood.....	988	38,859	39 33	4,466	57,591	12 90	23	1,045	45 43
Total.....	334,291	\$14,625,167	\$43 75	959,069	\$10,844,658	\$11 31	7,482	\$352,639	\$47 13

APPENDIX "D."—Abstract of the Assessment Rolls of the several counties—continued.

COUNTIES.	SHEEP AND LAMBS.			SWINE.			WAGONS, CARRIAGES & SLEIGHS		
	Number.	Value.	Av. Val.	Number.	Value.	Av. Val.	Number.	Value.	Av. Val.
Adams	4,281	\$4,384	\$1 02	4,817	\$6,836	\$1 42	992	\$12,544	\$12 65
Ashland				9	19	2 11	64	1,266	19 78
Barron	1,004	1,476	1 47	1,515	3,684	2 43	899	12,859	14 30
Bayfield				3	13	4 33	22	525	23 87
Brown	6,299	7,168	1 14	5,085	7,199	1 42	3,885	56,963	14 96
Buffalo	8,274	10,550	1 28	8,341	13,120	1 57	2,551	42,024	16 47
Burnett	496	495	1 00	422	413	98	318	2,526	7 94
Calumet	8,657	13,236	1 53	7,134	10,917	1 53	3,989	54,284	13 61
Chippewa	2,600	3,831	1 47	5,073	9,051	1 78	1,954	34,497	17 65
Clark	4,409	5,296	1 20	2,282	3,877	1 70	1,720	25,076	14 58
Columbia	62,278	88,518	1 42	23,699	55,137	2 33	5,277	95,771	18 15
Crawford	8,706	10,578	1 22	15,220	19,208	1 26	1,967	31,928	11 15
Dane	69,287	117,217	1 69	57,634	135,950	2 35	9,584	194,074	20 25
Dodge	59,034	84,663	1 43	23,636	50,333	2 13	7,952	165,554	20 82
Door	2,025	2,292	1 13	2,848	4,561	1 60	1,978	24,938	12 61
Douglas	50	75	1 50				46	640	13 91
Dunn	7,499	11,008	1 47	7,334	13,617	1 86	2,922	55,130	18 87
Eau Claire	2,799	4,594	1 64	4,117	9,785	2 38	2,609	67,196	25 76
Fond du Lac	81,573	140,419	1 72	15,490	38,868	2 51	7,549	189,035	25 04
Grant	21,726	33,385	1 54	70,472	118,552	1 68	7,484	133,104	17 79
Green	33,358	51,736	1 55	30,917	56,844	1 84	4,537	78,699	17 35
Green Lake	42,864	68,942	1 61	10,176	18,383	1 81	2,537	49,856	19 65
Iowa	14,682	24,507	1 67	32,479	57,817	1 78	4,286	68,548	15 99
Jackson	4,270	5,566	1 30	4,541	9,293	2 05	1,820	38,110	20 94
Jefferson	39,150	59,346	1 52	18,770	39,307	2 09	5,333	101,429	19 02
Juneau	7,647	8,962	1 17	9,299	13,507	1 45	2,488	33,386	13 42
Kenosha	70,303	107,023	1 52	8,155	17,598	2 16	2,847	52,692	18 51
Kewaunee	5,718	5,801	1 01	5,296	8,754	1 65	3,501	44,515	12 71
La Crosse	6,933	9,119	1 31	6,705	12,274	1 83	2,488	62,898	25 23
La Fayette	15,030	33,458	2 23	35,977	87,551	2 43	4,224	78,045	18 48

"D."—Abstract of Assessment Rolls.

"D."—Abstract of Assessment Rolls.

Lincoln	376	345	92	396	571	1 44	75	3,629	48 39
Manitowoc.....	15,078	17,451	1 16	9,660	17,100	1 71	6,965	89,078	12 79
Marathon.....	4,524	5,470	1 21	3,135	4,551	1 45	1,843	26,132	14 18
Marinette.....	549	426	78	431	783	1 82	696	13,273	19 07
Marquette.....	18,207	20,729	1 14	8,071	11,641	1 44	1,609	20,450	12 71
Milwaukee.....	4,539	7,713	1 70	6,671	15,879	2 38	9,253	392,315	42 40
Monroe.....	13,054	16,604	1 27	12,716	18,209	1 43	3,506	48,776	13 91
Oconto.....	904	1,099	1 22	1,138	1,900	1 67	1,026	19,554	19 06
Outagamie.....	15,601	24,631	1 58	8,526	15,751	1 85	4,483	76,574	17 08
Ozaukee.....	4,208	8,365	1 99	4,819	10,479	2 17	3,269	53,033	16 22
Pepin.....	2,888	4,188	1 45	2,900	5,963	2 06	1,293	18,985	14 68
Pierce.....	9,987	13,686	1 37	6,373	9,338	1 47	2,908	46,978	16 15
Polk.....	2,602	3,863	1 48	2,341	4,845	2 07	1,504	23,319	15 50
Portage.....	10,378	13,042	1 26	7,050	10,984	1 56	2,207	34,726	15 73
Price.....				44	152	3 45	69	1,805	26 16
Racine.....	44,568	84,478	1 90	9,483	21,713	2 29	3,478	90,098	25 91
Richland.....	25,996	33,632	1 29	20,078	29,228	1 46	2,572	38,743	15 06
Rock.....	50,677	98,958	1 95	41,495	116,333	2 80	8,002	210,330	26 28
St. Croix.....	3,403	4,848	1 42	4,785	11,659	2 44	3,391	69,260	20 42
Sauk.....	23,179	30,620	1 32	25,608	41,195	1 61	5,255	85,446	16 26
Shawano.....	4,047	6,007	1 48	3,747	4,831	1 29	1,751	24,398	13 93
Sheboygan.....	22,016	34,002	1 54	11,193	21,024	1 88	7,597	145,615	19 17
Taylor.....	21	33	1 57	90	233	2 59	105	1,782	16 97
Trempealeau.....	10,325	13,321	1 29	6,864	15,490	2 26	2,792	47,108	16 87
Vernon.....	23,454	27,826	1 19	23,695	30,191	1 27	3,487	46,199	13 25
Walworth.....	108,455	215,886	1 99	25,133	73,230	2 91	5,177	150,733	29 13
Washington.....	18,523	28,891	1 56	14,454	24,830	1 72	6,118	97,867	16 00
Waukesha.....	80,969	150,945	1 86	20,795	46,147	2 23	7,986	174,926	21 90
Waupaca.....	17,243	18,935	1 10	7,853	13,389	1 70	3,810	54,944	14 42
Waushara.....	16,915	21,031	1 24	8,929	14,175	1 59	2,324	33,948	14 61
Winnebago.....	37,533	55,008	1 47	8,034	19,200	2 39	5,655	138,319	24 46
Wood.....	1,450	1,747	1 20	1,628	2,748	1 69	1,116	16,293	14 60
Total.....	1,182,676	\$1,877,425	\$1 59	725,581	\$1,436,230	\$1 98	209,145	\$4,102,798	\$19 62

APPENDIX "D."—Abstract of the Assessment Rolls of the several counties—continued.

COUNTIES.	WATCHES.			PIANOS AND MELODEONS.			SHARES OF BANK STOCK.		Value of merchants' and manufacture's stock.	Value of all other personal property.	Value of all personal property as aforesaid.
	No.	Value.	Av. Val.	No.	Value.	Av. Val.	No.	Value.			
Adams.....	68	\$518	\$7 62	47	\$1,569	\$33 38	.....	.....	\$10,573	\$28,389	\$217,175
Ashland.....	53	671	12 66	15	755	50 33	.....	.....	16,046	15,450	40,001
Barron.....	99	896	9 05	25	1,305	52 20	.....	670	22,640	64,547	219,120
Bayfield.....	29	445	36 03	15	1,040	69 33	.....	.....	5,225	5,225	14,913
Brown.....	362	7,465	20 62	303	21,943	72 42	1,001	160,500	330,839	220,717	1,056,137
Buffalo.....	147	1,510	10 27	112	6,163	55 03	.....	750	136,458	219,195	860,054
Burnett.....	32	76	2 37	9	87	9 67	.....	1,375	3,573	4,418	42,037
Calumet.....	241	1,474	6 12	119	4,592	38 59	.....	.....	111,215	243,240	336,493
Chippewa.....	165	3,011	18 25	107	5,358	50 07	51	37,525	114,021	93,281	528,804
Clark.....	186	3,177	17 08	102	4,683	45 91	226	11,610	83,516	45,079	345,392
Columbia.....	807	12,981	16 09	682	33,993	49 84	506	55,275	372,694	663,682	2,137,866
Crawford.....	209	3,339	15 98	123	7,007	56 97	.....	640	80,272	135,560	571,513
Dane.....	1,271	26,436	20 80	961	61,776	64 28	2,125	183,370	576,192	1,995,122	4,699,866
Dodge.....	670	11,591	17 30	744	34,413	46 25	1,100	69,000	348,175	947,964	2,778,829
Door.....	138	1,574	11 41	59	2,718	46 07	.....	760	54,012	91,439	318,815
Douglas.....	18	258	14 33	6	190	31 67	.....	.....	650	9,720	17,203
Dunn.....	295	4,565	15 47	222	13,153	59 25	.....	4,643	497,914	259,105	1,232,792
Eau Claire.....	431	10,151	23 55	348	28,293	81 30	302	30,580	314,192	836,026	1,708,787
Fond du Lac.....	1,093	22,922	20 97	965	60,995	63 21	1,760	134,000	584,641	1,330,140	3,556,847
Grant.....	797	9,893	12 41	609	29,816	48 96	450	10,950	263,791	647,334	2,163,256
Green.....	561	8,773	15 64	403	21,071	52 29	900	85,500	222,303	903,310	2,205,861
Green Lake.....	341	6,153	18 04	284	13,188	46 44	.....	.....	136,387	295,264	926,981
Iowa.....	310	4,164	13 43	255	10,585	41 67	.....	.....	171,922	246,498	1,251,497
Jackson.....	225	4,892	21 74	107	7,852	73 38	278	24,464	146,829	249,264	777,874
Jefferson.....	443	6,609	14 92	550	26,430	48 05	1,750	225,640	319,428	577,224	2,066,843
Juneau.....	420	5,836	13 90	250	11,731	46 92	.....	.....	196,744	176,195	703,245
Kenosha.....	462	10,063	21 78	340	21,495	63 22	950	57,000	147,267	500,462	1,303,206
Kewaunee.....	120	2,019	16 82	50	3,225	64 50	.....	4,000	88,550	202,746	620,105
La Crosse.....	327	9,716	29 71	323	23,675	73 30	.....	91,875	446,927	418,415	1,447,463

"D."—Abstract of Assessment Rolls.

"D."—Abstract of Assessment Rolls.

La Fayette	363	5,164	14 23	400	16,931	42 33	5	23,310	123,927	307,711	1,390,917
Lincoln	32	570	17 81	10	382	38 20	.....	.....	10,308	6,595	38,606
Manitowoc	209	2,841	13 59	173	10,306	59 57	500	25,000	413,232	272,922	1,466,974
Marathon	269	4,953	18 41	143	8,574	59 96	250	18,750	249,879	148,008	658,694
Marinette	71	1,916	26 99	50	3,365	67 30	142	15,290	249,990	40,004	370,607
Marquette	110	1,300	11 82	111	3,880	34 95	1	155	27,840	37,411	320,610
Milwaukee	2,122	71,884	33 88	2,315	300,380	129 75	14,383	1,183,905	8,572,125	3,825,660	15,178,048
Monroe	350	3,879	11 08	173	5,891	34 05	.....	41,750	255,821	142,393	907,297
Oconto	164	3,632	22 15	103	7,902	76 72	.....	.....	296,822	61,941	494,690
Outagamie	370	6,092	16 46	258	14,772	57 26	1,250	85,040	268,944	315,679	1,260,816
Ozaukee	56	876	15 64	91	4,995	54 89	.....	.....	106,810	371,666	895,693
Pepin	87	940	10 81	100	5,194	51 94	.....	.....	37,845	54,296	263,726
Pierce	274	3,622	13 22	258	13,355	51 76	2	2,858	147,061	235,441	863,133
Polk	132	1,464	11 09	68	3,415	50 22	1	560	50,151	86,013	371,842
Portage	266	3,903	14 67	173	9,120	52 72	.....	.....	125,332	109,853	556,185
Price	21	409	19 48	7	435	62 14	.....	.....	10,300	3,405	23,304
Racine	243	8,748	36 00	283	20,250	71 55	4,000	460,596	737,618	1,218,422	3,171,681
Richland	342	2,932	8 57	184	6,694	36 38	.....	.....	65,828	150,552	678,123
Rock	1,673	36,350	21 73	1,047	71,628	68 41	4,750	400,135	829,652	1,813,573	4,728,255
St. Croix	351	6,428	18 31	360	22,336	62 04	750	50,950	152,901	220,813	997,985
Sauk	830	9,454	11 39	466	18,311	39 29	500	31,000	188,937	474,157	1,464,861
Shawano	102	1,403	13 75	46	2,840	61 74	.....	800	26,158	49,250	279,329
Sheboygan	775	7,829	10 10	552	27,493	49 81	201	63,300	393,194	1,072,818	2,611,422
Taylor	37	505	13 65	12	1,150	95 83	12	1,150	34,449	10,560	64,351
Trempealeau	256	3,037	11 86	187	9,198	49 19	.....	.....	72,550	255,124	856,789
Vernon	265	2,486	9 38	128	4,035	31 52	3	925	68,417	259,242	915,276
Walworth	1,159	21,727	18 75	783	46,527	59 42	2,150	155,590	326,022	1,382,413	3,247,382
Washington	261	3,274	12 54	144	7,760	53 89	.....	.....	131,996	613,838	1,462,271
Waukesha	773	16,808	21 74	643	39,507	61 44	500	50,000	267,090	1,615,284	3,184,743
Waupaca	367	4,948	13 48	259	14,308	55 24	.....	15,380	204,746	146,603	816,408
Waushara	194	2,283	11 77	138	5,161	37 40	.....	3,161	40,110	88,627	507,941
Winnebago	640	13,920	21 75	788	47,035	59 56	2,750	254,295	825,543	1,080,718	3,102,620
Wood	137	2,411	17 60	92	4,711	51 21	358	26,940	133,232	37,809	328,386
Totals	23,621	\$439,166	\$18 59	18,680	\$1,216,942	\$65 15	43,907	\$4,041,277	\$21,257,826	\$27,933,812	\$88,127,940

APPENDIX "D."—Abstract of the Assessment Rolls of the Several Counties — continued.

COUNTIES.	Land.			Value of City and Village Lots.	Total Value of all Real Estate.	Total Value of all Property.
	No. of Acres	Value.	Av. Val.			
Adams	305,594	\$700,859 32	\$2 29	\$18,883 00	\$719,742 32	\$936,917 32
Ashland	436,523	877,040 00	2 01	62,784 00	939,824 00	979,825 00
Barron	243,274	600,619 50	2 47	24,531 00	625,150 50	844,270 50
Bayfield	162,516	486,888 23	2 99	48,891 00	535,779 23	550,692 23
Brown	299,472	2,685,216 15	8 97	2,352,462 50	5,037,678 65	6,093,815 65
Buffalo	366,103	1,723,136 00	4 71	293,958 00	2,017,094 00	2,877,148 00
Burnett	211,989	433,022 80	2 04	.....	433,022 80	475,959 80
Calumet	201,713	4,897,099 00	24 28	258,830 00	5,155,929 00	5,992,422 00
Chippewa	1,294,068	3,882,470 00	3 00	656,779 00	4,539,249 00	5,068,053 00
Clark	659,754	2,356,568 00	3 57	188,927 00	2,545,495 00	2,890,887 00
Columbia	499,312	6,259,269 00	12 54	1,531,728 00	7,790,997 00	9,928,863 00
Crawford	351,833	1,313,388 00	3 73	408,514 00	1,721,902 00	2,293,415 00
Dane	756,794	11,057,866 00	14 61	3,820,220 00	14,878,086 00	19,577,952 00
Dodge	544,097	13,925,499 00	25 59	1,672,892 00	15,598,391 00	18,377,220 00
Door	262,812	1,103,719 00	4 20	98,370 00	1,202,089 00	1,520,904 00
Douglas	169,863	257,800 00	1 52	103,288 00	361,088 00	378,291 00
Dunn	375,707	2,072,709 00	5 52	323,799 00	2,396,508 00	3,629,300 00
Eau Claire	270,326	2,636,106 00	9 75	2,497,073 00	5,133,179 00	6,841,966 00
Fond du Lac	449,788	11,870,373 00	26 39	3,918,792 00	15,789,165 00	19,346,012 00
Grant	710,408	5,728,604 00	8 06	1,065,089 00	6,793,693 00	8,956,949 00
Green	365,540	5,163,220 00	14 12	1,045,094 00	6,208,314 00	8,414,175 00
Green Lake	220,148	3,044,256 00	13 83	627,460 00	3,671,716 00	4,598,697 00
Iowa	479,752	4,845,434 00	10 10	834,590 00	5,680,024 00	6,931,521 00
Jackson	392,782	1,454,230 00	3 70	291,435 00	1,745,665 00	2,523,539 00
Jefferson	343,507	7,089,003 00	20 64	2,132,117 00	9,221,120 00	11,287,963 00
Juneau	360,820	1,136,432 00	3 15	503,853 00	1,640,285 00	2,843,530 00
Kenosha	172,065	3,884,102 00	22 57	847,323 00	4,731,425 00	6,034,631 00
Kewaunee	211,496	2,479,833 00	11 73	312,793 00	2,792,626 00	3,412,731 00
La Crosse	283,727	2,013,542 00	7 10	2,465,499 00	4,479,041 00	5,926,504 00

"D."—Abstract of Assessment Rolls.

"D."—Abstract of Assessment Rolls.

La Fayette.....	398,449	5,352,007 00	13 43	484,847 00	5,836,854 00	7,227,771 00
Lincoln.....	670,309	1,396,704 00	2 08	26,705 00	1,423,409 00	1,462,015 00
Manitowoc.....	370,052	7,519,314 00	20 32	1,500,715 00	9,030,029 00	10,487,003 00
Marathon.....	849,965	2,501,947 00	2 94	539,355 00	3,041,302 00	3,699,996 00
Marquette.....	606,202	939,871 50	1 55	217,012 00	1,156,883 50	1,527,490 50
Marquette.....	274,782	1,197,914 00	4 36	131,293 00	1,329,207 00	1,649,817 00
Milwaukee.....	140,169	7,241,673 00	51 66	24,862,352 00	32,104,025 00	47,282,073 00
Monroe.....	463,001	2,490,393 00	5 38	680,647 00	3,171,040 00	4,078,337 00
Oconto.....	284,986	561,963 00	1 97	454,447 00	1,016,410 00	1,511,100 00
Outagamie.....	341,582	4,517,015 00	13 22	1,774,728 00	6,291,743 00	7,552,559 00
Ozaukee.....	146,736	5,338,643 00	36 38	539,152 00	5,877,795 00	6,773,488 00
Pepin.....	127,318	636,673 00	5 00	125,638 00	762,311 00	1,026,037 00
Pierce.....	364,344	2,715,981 00	7 46	457,984 00	3,173,965 00	4,037,098 00
Polk.....	384,162	1,167,893 00	3 04	72,593 00	1,240,486 00	1,612,328 00
Portage.....	441,049	1,253,316 00	2 84	499,943 00	1,753,259 00	2,309,444 00
Price.....	590,158	1,178,872 00	2 00	49,360 00	1,228,232 00	1,251,536 00
Racine.....	209,217	5,880,261 00	28 11	6,199,575 00	12,079,836 00	15,251,517 00
Richland.....	364,529	1,953,913 00	5 36	232,668 00	2,186,581 00	2,864,704 00
Rock.....	450,941	10,064,632 00	22 32	3,942,438 00	14,007,070 00	18,735,325 00
St. Croix.....	435,298	3,646,549 00	8 38	776,465 00	4,423,014 00	5,420,999 00
Sauk.....	514,919	3,822,766 00	7 42	370,301 00	4,693,067 00	6,157,928 00
Shawano.....	1,049,902	2,574,994 00	2 45	112,877 00	2,687,871 00	2,967,200 00
Sheboygan.....	321,991	9,468,900 00	29 41	1,859,939 00	11,328,839 00	13,940,261 00
Taylor.....	459,479	1,000,597 00	2 18	47,005 00	1,047,602 00	1,111,953 00
Trempealeau.....	418,921	2,257,901 00	5 39	291,272 00	2,549,173 00	3,405,962 00
Vernon.....	491,026	2,242,309 00	4 57	167,799 00	2,410,108 00	3,325,384 00
Walworth.....	350,116	8,271,225 00	23 62	1,908,947 00	10,180,172 00	13,427,554 00
Washington.....	272,055	8,192,302 00	30 11	631,984 00	8,874,286 00	10,336,557 00
Waukesha.....	349,900	10,176,322 00	29 08	1,947,309 00	12,123,631 00	15,308,374 00
Waupaca.....	434,925	2,153,962 00	4 95	813,031 00	2,966,993 00	3,783,401 00
Waushara.....	375,396	1,770,744 00	4 72	101,102 00	1,871,846 00	2,379,787 00
Winnebago.....	269,664	6,037,164 00	22 39	4,565,390 00	10,602,554 00	13,705,174 00
Wood.....	456,455	1,126,474 00	2 47	204,899 00	1,331,373 00	1,659,759 00
Total.....	25,079,781	\$232,629,498 50	\$9 28	\$85,545,746 50	\$318,175,245 00	\$406,303,185 00

APPENDIX "E."—Statement Showing Valuation of all Property in the State as fixed by the County Boards of Supervisors with Statement of Taxes levied thereon for 1878, as returned to the Secretary of State, pursuant to Section 1005 R. S.

COUNTIES.	Value for 1878 fixed by Co. Board.	State Tax.	County Tax.	County School Tax.	TOWN TAXES.					School District Taxes.	Road District Taxes.	Total Taxes.
					Current Expenses.	School purpos's	Supp'r't of poor.	Other purposes.	Total town taxes.			
Adams ...	\$947,724	\$2,226	\$8,867	\$990	\$2,200	\$100	\$.....	\$435	\$2,735	\$8,859	\$5,770	\$29,447
Ashland..	748,142	1,870	28,084	758	2,278	2,389	291	250	5,208	.....	4,072	39,992
Barron ...	1,288,861	2,183	20,121	511	4,804	8,400	805	6,136	20,145	6,649	8,762	58,371
Bayfield..	581,109	1,033	7,000	200	2,025	.....	400	.....	2,425	2,160	2,604	15,422
Brown ...	7,693,822	9,610	46,864	4,928	34,554	19,253	6,012	30,603	90,422	17,157	14,288	183,269
Buffalo ...	3,116,584	4,124	12,627	4,800	10,471	.....	404	1,050	11,925	20,537	13,796	67,809
Burnett ...	416,894	896	7,570	870	2,236	2,423	335	.....	4,994	604	4,388	19,322
Calumet..	4,598,496	6,258	13,447	2,447	2,250	.....	650	13,753	16,653	16,301	17,978	73,084
Chippewa.	6,505,779	11,501	113,595	2,348	17,149	29,155	.....	45,148	91,452	8,519	16,176	243,591
Clark ...	2,120,684	6,034	31,620	2,223	8,940	800	1,950	15,192	26,882	28,003	14,106	108,868
Columbia.	9,078,918	18,881	28,967	5,607	17,899	10,293	50	21,953	50,195	34,724	25,108	163,482
Crawford.	2,501,484	4,628	22,321	3,475	6,177	3,350	2,031	4,826	16,384	12,021	8,987	67,816
Dane ...	17,604,983	38,621	48,597	9,916	41,510	19,032	20	33,848	94,410	52,421	56,796	300,761
Dodge ...	15,538,717	27,469	59,281	7,503	20,792	7,603	4,346	8,711	41,452	34,586	38,884	209,175
Door.....	1,217,995	1,828	11,051	1,270	3,718	.....	1,480	5,548	10,746	14,099	8,873	47,867
Douglas..	361,023	1,132	4,237	150	800	.....	500	.....	1,300	1,200	400	8,419
Dunn ...	3,919,275	5,311	19,392	2,125	4,413	1,375	980	7,758	14,526	25,691	18,631	85,676
Eau Claire	6,897,752	7,973	34,090	2,310	33,381	50	585	5,188	39,204	34,195	10,162	127,934
F'd du Lac	22,461,769	28,686	91,975	7,624	10,292	29,467	5	68,063	107,827	36,639	41,641	314,392
Grant ...	8,957,097	18,885	27,390	7,177	10,068	589	3,245	18,198	32,100	52,618	40,744	178,914
Green ...	7,858,517	15,256	27,115	3,170	7,380	300	.....	2,236	9,916	32,888	20,180	108,525
Gr'n Lake	3,724,499	8,411	12,705	2,934	5,037	5,500	2,883	12,563	25,983	12,085	13,565	75,683
Iowa ...	6,636,194	11,569	61,927	4,698	8,215	.....	.....	2,947	11,162	28,570	18,927	136,853
Jackson..	1,621,685	3,269	16,596	1,835	5,011	1,360	2,360	7,789	16,520	18,318	11,021	67,559
Jefferson	11,750,456	19,051	33,125	5,300	16,604	7,153	4,314	29,416	57,487	35,884	36,215	187,062
Juneau ...	2,252,401	5,052	17,465	2,987	11,208	.....	3,075	2,155	16,438	19,562	12,173	73,677
Kenosha .	5,162,090	10,948	12,781	5,006	2,755	8,372	2,289	10,866	24,282	9,454	12,378	74,849

"E."—Valuation of Property in the State.

"E." — Valuation of Property in the State.

Kewaunee	4,160,000	3,682	15,580	2,476	5,059	1,537	551	6,047	13,194	9,095	14,903	58,930
La Crosse	5,897,571	10,997	25,626	4,118	3,417	24,788	1,300	60,490	89,995	15,394	11,344	157,474
La Fayette	6,188,692	11,777	21,271	3,411	11,604	.....	1,089	2,692	15,385	33,071	19,761	104,676
Lincoln ..	1,740,332	2,146	23,048	1,000	4,658	3,508	.....	.....	8,166	2,010	20,272	56,642
Manitow'c	11,463,350	12,804	43,338	13,062	26,137	5,757	4,367	6,722	42,983	33,840	31,496	177,523
Marathon	3,829,125	5,577	11,747	1,914	12,973	2,313	3,829	2,749	21,864	22,530	18,469	82,101
Marquette,	1,510,168	3,179	8,738	1,932	2,446	.....	1,215	2,614	6,275	7,939	8,412	36,475
Milwak'e.	64,590,079	110,216	209,348	68,186	421,285	126,239	.....	438,400	985,924	18,399	34,246	1,426,319
Monroe...	3,891,000	6,757	29,170	3,228	8,343	440	25	15,670	24,478	30,796	18,876	113,305
Oconto ...	3,200,000	9,027	49,036	2,299	11,036	6,808	5,379	41,902	65,125	17,472	17,203	160,162
Outagm'e.	6,178,102	10,374	30,799	4,685	30,943	501	3,030	28,664	63,138	34,607	15,842	159,445
Ozaukee...	5,320,720	7,901	10,519	2,815	4,814	2,050	2,330	2,917	12,111	13,366	16,452	63,164
Pepin	1,224,713	1,445	5,570	1,419	1,694	200	100	885	2,879	8,628	6,143	26,084
Pierce....	2,714,071	4,968	13,331	2,603	5,960	2,424	.....	6,693	15,077	22,379	16,920	75,278
Polk	1,477,673	2,792	13,970	1,592	5,485	1,571	.....	4,748	11,804	20,362	15,076	65,596
Portage ..	2,768,677	4,840	26,311	2,347	19,288	295	1,625	4,289	25,497	21,543	10,763	91,301
Racine ...	15,400,000	18,043	42,513	9,613	61,110	24,391	2,325	12,165	99,991	14,534	6,217	190,911
Richland .	2,654,192	5,999	21,953	3,605	5,136	310	250	6,893	12,589	18,128	18,651	80,925
Rock	18,000,000	33,740	42,351	11,250	40,480	27,565	.....	23,515	91,560	40,657	28,647	248,205
St. Croix .	4,708,245	7,604	14,797	2,358	16,296	4,042	.....	2,889	23,227	38,774	11,696	98,456
Sauk	5,494,272	12,254	16,971	4,107	9,131	600	.....	27,228	36,959	38,971	29,991	139,253
Shawano ...	2,114,039	2,899	13,545	1,882	5,343	989	400	3,599	10,331	11,126	7,745	47,528
Sheboyg'n	14,925,460	17,393	52,023	5,578	8,196	2,850	2,310	55,428	68,784	20,731	94,773	199,282
Taylor ...	1,168,951	1,692	26,905	818	3,500	2,000	820	6,907	13,227	4,382	1,907	48,831
Tremplau	3,390,649	5,438	5,060	2,759	7,567	321	2,275	14,236	24,399	21,604	21,920	81,180
Vernon...	3,793,169	7,305	14,642	3,590	6,174	773	.....	7,850	14,797	21,245	22,424	84,003
Walworth,	13,560,243	22,167	32,644	3,540	8,170	221	.....	12,948	21,339	42,244	37,354	159,288
Wash'ton.	7,422,000	12,367	12,303	6,046	8,909	4,006	350	5,391	18,656	18,757	14,388	82,517
Waukesha	12,523,819	21,489	23,493	4,324	5,942	1,013	753	6,671	14,379	35,347	39,207	140,239
Waupaca,	1,782,000	5,808	25,290	3,528	8,346	2,808	12	13,881	25,047	20,716	18,752	99,141
Waushara,	1,806,715	3,908	4,675	2,529	4,426	.....	1,550	7,632	13,608	14,165	11,310	50,195
Winne'go	13,133,964	20,578	46,802	25,633	42,280	17,543	9,368	23,402	92,593	18,128	28,211	231,945
Wood	2,169,944	1,818	16,302	806	8,565	600	778	16,327	26,270	16,416	4,054	65,666
Total...	\$405,764,885	\$681,589	\$1,770,481	\$302,215	\$1,116,880	\$425,427	\$85,041	\$1,227,076	\$2,854,424	\$1,271,100	\$1,090,050	\$7,969,859

"F."—Purposes for which County Tax was Expended.

APPENDIX "F."—Statement showing the purposes for which the County Tax was expended in the several counties for year ending December 31, 1878.

COUNTIES.	Support of Poor.	County Buildings	R. R. Aid or Indebtedness.	Roads and Bridges.	Salaries of Co. Off'rs.	Court Expenses.	Sheriff's Accounts	Jail Expenses.	All other County Expenses.	Total Taxes Expended.
Adams	\$2,075 00				\$2,475 00	\$ 1,000 00	² \$1,200 00		\$1,779 52	\$8,529 52
Ashland		\$7,374 21	\$5,975 00		2,590 73	1,231 78	² 526 25		6,291 08	23,989 05
Barron	318 78			\$1,181 91	3,452 35	558 07	692 84	\$365 58	7,236 52	13,806 05
Bayfield		530 91			2,722 68	25 70	57 10	84 52	1,947 76	5,368 67
Brown	7,000 00		24,500 00		7,000 00	10,556 02			23,906 87	72,962 89
Buffalo	554 50	189 70			3,600 00	1,751 00	687 76	508 85	6,380 37	13,672 18
Burnett		722 21			1,165 00	300 00	² 500 00		5,535 00	8,222 21
Calumet	927 04	567 84			3,900 00	1,463 62	708 27	376 03	1,846 57	9,789 37
Chippewa	2,547 83			17,092 03	6,253 00	9,920 84			43,744 21	79,557 93
Clark	87 30	100 00		3,000 00	4,960 83	2,616 42	829 90	77 50	28,282 00	39,953 95
Columbia	7,000 00	1,200 00		1,000 00	5,600 00	3,635 57	3,125 62	1,000 00	3,638 81	26,200 00
Crawford	750 00			350 00	5,200 00	4,000 00	1,500 00	1,000 00	8,200 00	21,000 00
Dane	12,500 00				7,050 00	5,000 00	3,000 00	4,000 00	8,450 00	40,000 00
Dodge	4,928 04	7,600 00		300 00	8,425 00	4,500 00	3,256 75	1,243 25	23,646 96	53,900 00
Door					3,500 00				4,661 02	8,161 02
Douglas					2,600 09	40 84	35 00	150 00	1,840 78	4,666 62
Dunn	1,875 00	1,200 00		5,200 00	5,200 00	2,200 00	4,500 00	625 00	1,819 01	22,619 01
Eau Claire	926 17			400 00	4,400 00	3,265 87	² 2,536 06		15,049 04	26,577 14
Fond du Lac	15,000 00				6,500 00		4,965 34		27,534 66	54,000 00
Grant	2,846 92			3,000 00	3,800 00	3,000 00	3,605 00		8,337 21	24,589 13
Green	3,659 00				4,200 00	3,500 00	2,495 51		12,806 47	26,651 98
Green Lake					2,600 00				9,805 92	12,405 92
Iowa	4,624 70	881 15	6,000 00		5,250 00	3,180 50		748 95	6,790 23	27,475 53
Jackson	705 98	5,000 00	3,782 40		5,000 00	2,461 28	² 836 06		3,013 50	20,799 22
Jefferson	8,500 00			500 00	4,200 00	4,000 00	4,420 00		14,420 66	36,040 66
Juneau	1,554 24				3,800 00	1,250 72	1,201 04	2,774 04	5,825 20	16,405 24
Kenosha	530 00	600 00			3,200 00	3,871 00	2,000 00	1,500 00		11,701 00
Kewaunee	1,489 66	721 08			3,800 00	1,379 73	276 99	61 65	7,046 59	14,775 70

"F"—Purposes for which County Tax was Expended.

La Crosse ¹	5,500 00	1,200 00			4,500 00	3,500 00	5,500 00	3,000 00	5,203 74	28,403 74
La Fayette....	5,211 59			1,200 00	5,500 00	2,954 98			9,524 26	24,390 83
Lincoln.....	1,500 00	350 00		8,000 00	3,500 00	700 00		45 16	2,000 62	16,888 39
Manitowoc....	2,873 93		15,120 00		6,600 00	3,033 00	849 80	2,771 28	9,245 79	40,493 80
Marathon....	3,053 47	68 00		612 00	3,900 00	2,011 67	347 95	22 62	4,200 00	14,215 71
Marquette....	250 00				2,450 00	404 98	413 15		1,636 85	5,154 98
Milwaukee....	55,000 00	75,000 00				60,000 00	12,000 00	5,000 00	54,000 00	261,000 00
Monroe.....	4,500 00				5,027 00	3,000 00	3,274 58		12,535 15	28,336 73
Oconto.....	3,876 52	517 65		1,150 00	4,600 00	2,252 38	1,153 75	782 64	31,969 56	46,302 50
Outagamie....	2,650 74	252 00		5,027 50	5,500 00	4,566 45	4,075 07		11,857 72	33,929 48
Ozaukee.....	1,200 00	300 00			5,100 00	1,200 00	980 00		900 00	9,500 00
Pepin.....	276 05				2,150 00	661 28	462 28	333 00	1,473 26	5,355 87
Pierce.....	3,000 00			400 00	3,900 00	2,119 00	1,373 00	1,000 00	3,191 81	14,983 81
Polk.....	800 00				3,025 00	787 42	1,130 02	949 76	5,084 90	11,777 10
Portage.....	6,317 30	700 00	8,000 00	1,000 00	3,700 00	6,000 00	1,076 14		12,912 51	39,705 95
Racine.....	3,603 95	351 34			4,900 00	5,000 00	6,588 55	882 83	9,344 99	30,671 66
Richland....	2,500 00	2,000 00			3,150 00	2,000 00			5,650 00	15,300 00
Rock.....	9,100 00	950 00			7,187 50	15,397 96	3,773 54	848 00	20,509 77	57,766 77
St. Croix....		1,750 00			3,900 00	3,000 00			12,037 05	20,687 05
Sauk.....	3,500 00				5,100 00	3,000 00	1,800 00		2,117 86	15,517 86
Shawano....	100 00	126 50			2,075 00	453 11	888 20	35 00	5,938 34	9,616 15
Sheboygan....	2,784 49		19,600 00		4,900 00	3,000 00	6,890 04		9,769 38	46,943 91
Taylor.....	573 79	521 62		1,092 50	2,100 00	1,995 49	641 12	312 57	11,770 92	18,938 01
Trempealeau..	821 82				3,800 00	2,748 64	1,070 45	154 53	3,498 23	12,093 67
Vernon.....	2,600 00			250 00	3,900 00	2,500 00	2,000 00		2,025 50	13,275 50
Walworth....	4,500 00	5,000 00			4,150 00	4,298 33	2,809 23		4,862 29	25,619 85
Washington..	1,200 00				3,950 00	1,800 00			10,330 00	17,280 00
Waukesha....	6,330 16				4,400 00	2,500 00	3,615 00		12,088 48	28,933 64
Waupaca....	6,137 78	92 76			3,400 00	1,951 25	1,435 04	350 00	4,252 94	17,619 77
Waushara....	1,500 00				2,900 00	1,200 00	1,200 00	250 00	3,000 00	10,050 00
Winnebago... ¹	2,300 00	1,638 00			6,925 00	8,000 00	3,567 00		14,170 00	36,600 00
Wood ¹	1,300 00	50 00	250 00		2,500 00		1,600 00		8,000 00	13,700 00
Total.....	225,252 77	117,554 97	83,227 40	50,755 94	251,134 09	226,744 90	114,032 01	31,252 76	594,867 88	1,694,872 72

¹ Estimated. ² Including jail expenses.

APPENDIX "G."—Statement showing the bonded and other indebtedness of the Towns, Cities, Villages and School Districts in the several counties, for the year 1878, as returned to the Secretary of State pursuant to Section 1017, R. S., and as appears by the financial books of the State Department.

COUNTIES.	BONDED INDEBTEDNESS.					All other In- debtedness.	Indebtedness of School Districts.	Total In- debted- ness.
	Railroad Aid.	Bridges.	Other pur- poses.	Interest. Unpaid.	Total Bonded Indebted- ness.			
Adams			\$2 16		\$2 16		\$1,608 60	\$1,610 76
Barron			430 00		430 00	\$14,716 88	12,366 36	27,513 24
Bayfield							428 00	428 00
Brown	\$121,255 00	\$50,000 00	15,820 00	2,185 00	189,260 00	500 00	20,166 00	209,926 00
Buffalo		2,200 00			2,200 00		2,692 95	4 892 95
Calumet	75,000 00			1,392 00	76,392 00		1,650 00	78,042 00
Chippewa	25,000 00	7,100 00	4,000 00	4,955 00	41,055 00	26,780 45	3,074 00	70,909 45
Clark			1,800 00		1,800 00	1,791 34	6,656 00	10,247 34
Columbia	42,500 00	1,500 00	1,500 00		45,500 00		4,350 00	49,850 00
Crawford	3,060 00			717 10	3,777 10		7,985 00	11,762 10
Dane	100,000 00		68,000 00		168,000 00		4,674 00	172,674 00
Dodge	41,269 86	2,635 49	552 07	54,837 38	99,294 80	1,525 00	5,000 00	105,819 80
Door							1,833 34	1,833 34
Dunn							4,336 67	4,336 67
Eau Claire		10,000 00	95,000 00		105,000 00	3,283 35	8,040 80	116,324 15
Fond du Lac	179,000 00			500 00	179,500 00		100 00	179,600 00
Grant	112,000 00			482 35	112,482 35		8,434 50	120,916 85
Green							4,066 67	4,066 67
Green Lake	60,408 48	4,500 00		249 40	65,157 88		2,400 00	67,557 88
Iowa	67,540 00			11,100 00	78,640 00	350 00	9,412 50	88,402 50
Jackson	25,000 00			1,200 00	26,200 00		1,999 75	28,199 75
Jefferson	291,460 14	864 51	3,922 93	375,454 88	671,702 46		4,461 46	676,163 92
Juneau	16,500 00			300 00	16,800 00	504 60	6,662 00	23,966 60
Kenosha	330,000 00	700 00	20,000 00	700,056 00	1,050,756 00		36 21	1,050,792 21

"G."—Bonded and other Indebtedness of Towns, Cities, etc.

"G." — Bonded and other Indebtedness of Towns, Cities, etc.

Kewaunee.....					966 15	1,500 00	2,466 15	
La Crosse.....	99,000 00		41,025 00	60 00	140,085 00	1,300 00	141,385 00	
La Fayette.....						11,360 00	11,360 00	
Lincoln.....	49,989 85				49,989 85	1,100 00	51,089 85	
Manitowoc.....	115,000 00		3,000 00		118,000 00	11,580 00	129,580 00	
Marathon.....	8,000 00				8,000 00	2,343 29	25,129 20	
Marquette.....	12,000 00	378 50		420 00	12,798 50	84 05	13,132 55	
Milwaukee.....			2,270,289 25		2,270,289 25		2,270,289 25	
Monroe.....	50,000 00				50,000 00	3,793 33	53,793 33	
Oconto.....		2,056 77	18,429 00	260 26	20,746 03	2,000 00	22,746 03	
Outagamie.....	101,500 00	200 00	33,000 00	1,120 00	135,820 00		145,906 01	
Ozaukee.....	4,900 00			392 00	5,292 00		5,292 00	
Pepin.....						275 00	3,825 00	
Pierce.....			9,000 00	630 00	9,630 00	529 99	3,712 00	
Polk.....		231 71	85 50		317 21		2,238 43	
Portage.....	48,039 60	11,604 31	17,000 00	8,388 79	85,032 70		5,498 40	
Racine.....	233,693 00	14,200 00	1,000 00		248,893 00		248,893 00	
Richland.....	11,400 00			798 00	12,198 00	519 00	2,461 83	
Rock.....	160,500 00		40,000 00	9,284 00	209,784 00		34,961 96	
St. Croix.....	25,000 00		11,800 00	266 00	37,066 00		17,550 50	
Sauk.....	105,500 00	715 28	245 82	3,417 75	109,878 85		13,175 81	
Shawano.....			800 00		800 00	123 08	692 33	
Sheboygan.....	265,860 00			120 00	265,980 00	300 00	266,280 00	
Taylor.....						9,953 70	4,825 58	
Trempealeau.....	75,000 00	5,000 00		5,576 50	85,576 50	1,200 00	12,376 44	
Vernon.....	12,392 20	237 75	2,661 19	782 80	16,073 94	276 50	6,350 79	
Walworth.....	102,000 00			7,580 00	109,580 00		300 00	
Washington.....						1,300 00	1,537 63	
Waukesha.....							2,500 00	
Waupaca.....	139,600 00		6,580 00	23,096 50	169,276 50	2,440 97	2,101 90	
Waushara.....	32,500 00				32,500 00	125 00	1,292 38	
Winnebago.....	26,500 00	10,000 00		10,000 00	46,500 00	3,871 20	15 00	
Wood.....		3,700 00	64 71		3,764 71	5,189 11	11,570 00	
Total.....	\$3,168,363 13	\$127,824 32	\$2,666,007 63	\$1,225,621 71	\$7,187,821 79	\$80,948 66	\$304,901 04	7,573,671 49

APPENDIX "H."—Statement showing the Bonded and other Indebtedness of the Several Counties of the State for the year 1878.

COUNTIES.	BONDED INDEBTEDNESS.					All other Indebtedness.	Total Indebtedness.
	Railroad Aid.	Roads and Bridges.	Interest Unpaid.	Other Purposes.	Total Bonded Indebtedness.		
Ashland	\$200,000 00	.....	\$5,000 00	.....	\$205,000 00	.....	\$205,000 00
Barron .....	.....	.....	.....	.....	.....	\$31,513 96	31,513 96
Brown	252,000 00	.....	.....	\$4,000 00	256,000 00	.....	256,000 00
Burnett	20,000 00	.....	.....	.....	20,000 00	.....	20,000 00
Chippewa .....	.....	.....	.....	58,500 00	58,500 00	24,401 11	82,901 11
Clark .....	.....	.....	1,050 00	15,000 00	16,050 00	8,985 19	25,035 19
Dane .....	.....	.....	.....	17,500 00	17,500 00	.....	17,500 00
Dodge .....	.....	.....	.....	20,000 90	20,000 00	.....	20,000 00
Door .....	.....	.....	.....	12,000 00	12,000 00	.....	12,000 00
Douglas	350,000 00	.....	140,000 00	.....	490,000 00	12,057 60	502,057 60
Eau Claire .....	.....	.....	.....	46,000 00	46,000 00	.....	46,000 00
Fond du Lac .....	.....	.....	.....	10,000 00	10,000 00	.....	10,000 00
Iowa	215,000 00	.....	.....	.....	215,000 00	.....	215,000 00
Jackson	46,800 00	.....	3,000 00	.....	49,800 00	20,000 00	69,800 00
Juneau .....	.....	.....	.....	.....	.....	7,500 00	7,500 00
Manitowoc	216,000 00	.....	.....	.....	216,000 00	.....	216,000 00
Marathon .....	.....	.....	.....	.....	.....	6,034 57	6,034 57
Milwaukee .....	.....	.....	.....	320,260 00	320,260 00	.....	320,260 00
Oconto .....	.....	.....	.....	.....	.....	32,000 00	32,000 00
Polk .....	.....	.....	210 00	3,000 00	3,210 00	7,928 64	11,138 64
Portage	100,000 00	.....	.....	.....	100,000 00	6,000 00	106,000 00
Racine .....	.....	.....	.....	15,000 00	15,000 00	.....	15,000 00
Richland .....	.....	.....	.....	.....	.....	4,420 00	4,420 00
Shawano .....	.....	.....	.....	.....	.....	2,800 00	2,800 00
Sheboygan	139,200 00	.....	.....	.....	139,200 00	.....	139,200 00
Taylor .....	.....	.....	1,050 00	6,000 00	7,050 00	32,482 63	39,532 63
Winnebago .....	.....	.....	.....	.....	.....	4,033 00	4,033 00
Wood	41,000 00	.....	.....	79,500 00	120,500 00	5,000 00	125,500 00
Total	\$158,000 00	.....	\$150,310 00	\$606,760 00	\$2,337,070 00	\$205,156 70	\$2,542,226 70

"H."—Bonded and other Indebtedness of Counties.

APPENDIX "I."—Statement showing sales of Real Estate as required by Section 1007, Revised Statutes.

COUNTIES.	No. of acres.	Consideration in deed.	Average per acre	Assessed value.	Average per acre.	Pr. ct. of assess'd val. to consid'n.	No. of city and village lots.	Consideration in deed.	Average per lot.	Assessed value.	Average per lot.	Per cent.
Adams	9,384	\$47,587 39	\$5 07	\$25,284 50	\$2 69	.53	4	\$201 80	\$50 00	\$160 00	\$40 00	.80
Ashland	520	1,657 00	3 19	1,200 00	2 31	.72	37	2,854 00	77 14	1,051 00	28 41	.37
Barron	4,477	19,401 00	4 33	9,135 00	2 04	.47	10	705 00	70 50	350 00	35 00	.50
Bayfield	3,441	7,494 87	2 18	7,422 98	2 16	.99	29	3,237 00	111 62	2,087 00	71 97	.64
Brown	4,317	65,903 29	15 27	44,864 00	10 39	.68	82	23,572 00	287 46	19,685 00	240 06	.84
Buffalo	17,661	149,119 21	8 44	101,517 00	5 75	.68	48	15,238 50	317 46	12,272 00	255 67	.81
Burnett	4,407	12,406 50	2 82	9,457 00	2 15	.76	.....	.....	.....	.....	.....	.....
Calumet	7,238	264,929 60	36 60	178,479 00	24 66	.67	82	21,283 00	259 55	14,400 00	175 61	.68
Chippewa	30,794	205,389 00	6 67	129,851 00	4 22	.63	135	76,352 00	565 57	78,205 00	579 30	1.02
Clark	32,433	185,910 37	5 73	108,539 00	3 35	.58	59	14,983 00	253 95	11,921 00	202 05	.80
Columbia	18,096	301,739 00	16 67	223,155 00	12 33	.74	190	49,137 00	258 61	40,542 00	213 38	.83
Crawford	16,679	106,826 00	6 40	64,452 00	3 86	.60	116	18,805 00	162 11	11,885 00	102 46	.63
Dane	28,494	666,359 28	23 39	395,657 00	13 89	.59	265	154,566 41	583 26	105,392 00	397 71	.68
Dodge	22,650	923,428 19	40 77	732,819 00	32 35	.79	311	111,271 25	357 78	74,404 00	239 24	.67
Door	25,687	124,155 57	4 83	148,455 25	5 78	1.20	32	12,149 00	379 66	11,690 00	365 31	.96
Douglas	3,558	3,359 45	94	4,487 00	1 26	1.34	648	12,246 79	18 90	4,785 00	7 38	.39
Dunn	15,391	114,954 76	7 47	72,323 00	4 69	.63	75	31,278 54	417 05	21,895 00	291 93	.70
Eau Claire	13,313	132,468 82	9 95	107,486 50	8 07	.81	194	79,917 16	411 95	89,150 00	459 54	1.12
Fond du Lac	19,605	745,341 60	38 02	606,199 00	30 92	.81	578	350,209 70	605 89	272,771 00	471 92	.78
Grant	34,751	390,023 72	11 22	264,694 40	7 62	.68	184	47,426 30	257 75	36,953 00	200 83	.78
Green	6,669	148,835 00	22 32	84,545 00	12 68	.58	129	35,815 00	277 64	26,880 00	208 37	.75
Green Lake	8,735	192,805 50	22 07	156,155 00	17 88	.81	189	46,441 69	245 72	29,495 00	156 06	.64
Iowa	23,601	322,415 80	13 66	315,210 25	13 36	.98	154	57,566 68	373 80	39,760 00	258 18	.69
Jackson	11,771	119,133 80	10 12	85,008 00	7 22	.71	95	20,228 00	212 93	19,008 66	200 04	.94
Jefferson	12,515	398,839 46	31 87	305,629 80	24 42	.77	362	144,315 39	398 66	98,937 00	273 31	.69
Juneau	13,674	98,167 78	7 18	66,543 25	4 87	.68	169	33,492 35	198 17	26,816 00	158 67	.80

"I."—Showing Sales of Real Estate.

"H."—Statement Showing Sales of Real Estate, as required by Section 1007, Revised Statutes—continued.

COUNTIES.	No. of acres.	Consideration in deed.	Average per acre.	Assessed value.	Average per acre.	Pr. c't. of assessed val. to consid'n.	No. of city and village lots.	Consideration in deed.	Average per lot.	Assessed value.	Average per lot.	Per cent.
Kenosha	4,267	\$132,800 00	\$31 12	\$86,475 00	\$20 27	.65	78	\$58,891 00	\$755 01	\$31,550 00	\$404 49	.54
Kewaunee	7,746	110,975 33	14 33	79,358 00	10 25	.72	52	9,765 00	187 79	9,265 00	178 17	.95
La Crosse	10,150	142,853 50	14 07	80,474 00	7 93	.56	281	229,192 15	815 63	137,794 00	490 37	.60
La Fayette	13,499	338,065 25	25 04	249,173 50	18 46	.74	79	20,129 00	254 80	14,627 00	185 15	.73
Lincoln	34,164	71,515 68	2 09	68,043 53	1 99	.95	36	11,334 00	316 22	6,558 00	182 17	.58
Manitowoc	13,741	407,731 43	29 67	282,337 00	20 55	.69	203	50,871 24	250 60	46,834 00	230 71	.92
Marathon	24,957	129,859 70	5 20	99,076 00	3 97	.76	97	20,155 00	207 78	13,314 50	137 27	.66
Marquette	16,910	55,441 75	3 28	34,001 00	2 01	.61	21	5,535 00	263 57	2,408 00	114 67	.44
Marquette	7,436	54,056 00	7 27	36,125 00	4 86	.67	57	5,195 07	91 12	3,865 00	67 81	.74
Milwaukee	1,792	178,705 77	99 72	90,971 00	50 77	.51	913	1,027,477 82	1,125 38	755,873 09	827 90	.74
Monroe	22,070	179,225 87	8 13	136,666 00	6 19	.76	207	37,487 45	181 09	29,657 00	143 27	.79
Oconto	30,641	173,361 45	5 66	71,364 00	2 33	.41	128	20,178 57	157 65	16,295 00	127 30	.81
Outagamie	15,244	258,436 35	16 95	212,497 18	13 94	.82	203	127,737 99	629 25	88,335 00	435 15	.69
Ozaukee	4,843	206,091 89	42 55	180,292 00	37 23	.87	65	29,608 00	455 51	24,345 00	374 54	.82
Pepin	7,470	76,747 73	10 27	46,699 00	6 25	.61	24	4,605 00	191 88	3,575 00	148 96	.78
Pierce	17,186	204,709 36	11 91	121,696 00	7 08	.59	133	32,483 68	244 23	21,513 00	161 75	.66
Polk	7,607	46,334 15	6 09	28,017 00	3 68	.60	28	4,532 50	161 86	2,690 00	96 07	.59
Portage	13,851	88,606 75	6 40	52,076 00	3 76	.59	100	19,872 00	198 72	12,567 00	125 67	.63
Price	2,160	4,397 00	2 04	4,050 00	1 88	.92	16	2,025 00	126 56	1,805 00	112 81	.59
Racine	7,430	280,737 70	37 78	188,781 00	25 41	.67	335	305,465 50	911 84	265,250 00	791 79	.87
Richland	11,061	104,159 00	9 42	61,375 00	5 55	.59	51	9,593 00	188 10	5,845 00	114 61	.61
Rock	15,884	442,749 00	27 87	319,251 00	20 10	.72	336	215,945 00	642 69	155,340 00	462 32	.72
St. Croix	37,401	376,559 85	10 07	266,462 00	7 12	.71	251	95,861 35	381 91	65,740 00	261 91	.69
Sauk	13,951	202,493 07	14 51	119,241 00	8 55	.59	233	58,802 50	252 37	36,805 00	157 96	.63
Shawano	15,363	82,621 85	5 38	67,293 00	4 38	.81	28	10,597 50	378 46	9,265 00	330 89	.87
Sheboygan	9,330	356,628 85	38 22	305,882 00	32 78	.86	198	116,787 88	589 83	90,557 00	457 36	.78

"I."—Showing Sales of Real Estate.

"I" — Showing Sales of Real Estate.

Taylor	3,400	15,845 05	4 66	7,849 00	2 31	.50	22	3,345 00	152 05	2,400 00	109 09	.72
Trempealeau ...	24,905	253,091 00	10 16	135,454 00	5 44	.54	68	23,772 08	349 59	12,544 00	184 47	.53
Vernon	17,393	151,108 75	8 69	79,655 00	4 58	.53	69	10,833 00	157 00	5,520 00	80 00	.51
Walworth	6,627	210,005 80	31 69	168,454 67	25 42	.80	180	71,357 00	396 43	47,829 00	265 72	.67
Washington	9,002	367,269 50	40 80	306,811 00	34 08	.84	85	41,671 80	490 25	38,804 00	456 52	.93
Waukesha	5,763	257,539 00	44 69	163,962 00	28 45	.64	78	59,525 00	763 14	41,625 00	533 65	.70
Waupaca	18,099	150,795 41	8 33	93,319 00	5 16	.62	159	46,311 67	291 26	34,521 16	217 12	.75
Waushara	17,162	120,769 96	7 04	86,465 83	5 04	.72	41	9,047 00	220 66	7,126 00	173 80	.79
Winnebago	9,047	301,311 41	33 30	213,031 43	23 55	.71	643	315,135 00	490 10	223,201 00	347 12	.78
Wood	54,395	254,251 78	4 67	138,114 85	2 54	.54	62	15,859 00	255 79	11,530 00	185 97	.73
Total.....	921,808	\$12,536,507 90	\$13 60	\$8,929,361 92	\$9 69	.71	9,737	\$4,490,327 31	\$461 16	\$3,327,267 32	\$341 71	.74

APPENDIX "K."—Statement of the Principal Farm Products growing in the several counties at time of making annual assessment for 1879, as ascertained and compiled pursuant to provisions of Sec. 1010 of Revised Statutes.

COUNTIES.	NUMBER OF ACRES.							
	Wheat.	Corn.	Oats.	Barley.	Rye.	Potatoes.	Root Crops	Cranberries.
Adams.....	6,642	14,598	4,541	70	9,040	648	345	11
Ashland.....	20	.....	85	.....	3	55	27	.....
Barron.....	8,161	771	3,908	1,288	300	405	95	.....
Bayfield.....	1	5	5	2	.....	25	2	.....
Brown.....	19,213	1,882	9,923	1,706	2,570	1,724	405	.....
Buffalo.....	52,930	7,661	12,497	1,641	743	889	.....	.....
Burnett.....	2,232	144	869	76	145	118	13	2,590
Calumet.....	30,916	3,603	6,698	5,910	150	797	30	.....
Chippewa.....	30,309	4,623	20,559	1,888	372	1,116	962	.....
Clark.....	4,533	1,675	3,800	251	336	692	87	.....
Columbia.....	69,162	35,122	21,594	5,720	5,126	1,741	66	7
Crawford.....	23,461	14,848	11,234	1,355	1,404	934	45	.....
Dane.....	88,773	81,226	63,579	18,515	5,366	3,847	1,338	30
Dodge.....	132,563	27,659	24,843	12,336	1,424	2,806	96	22
Door.....	8,931	367	3,946	805	778	879	316	33
Douglas.....	75	5	80	.....	.....	50	5	.....
Dunn.....	39,396	9,235	15,396	1,748	1,258	809	38	.....
Eau Claire.....	38,541	7,341	12,801	762	868	665	1,146	.....
Fond du Lac.....	87,538	17,368	19,270	9,903	724	2,524	37	.....
Grant.....	38,189	82,150	56,695	2,311	3,923	2,987	20	.....
Green.....	10,921	55,738	36,942	619	2,939	1,331	15	.....
Green Lake.....	36,994	13,362	8,526	1,391	3,330	790	24	104
Iowa.....	37,965	42,022	33,799	2,045	1,439	1,706	45	.....
Jackson.....	27,688	7,461	12,995	2,306	850	619	96	7,585
Jefferson.....	34,052	23,788	15,051	8,868	3,893	1,738	92	1
Juneau.....	12,576	9,777	12,376	454	3,788	1,643	22	3,891
Kenosha.....	4,983	12,244	12,147	1,168	583	905	16	.....
Kewaunee.....	18,736	166	9,502	3,281	4,280	1,517	358	.....

"K."—Principal Farm Products of the State.

"K"—Principal Farm Products of the State.

La Crosse.....	42,578	9,488	12,189	1,687	3,048	741	74	.....
La Fayette.....	8,978	54,035	45,705	1,112	1,570	1,641	.....	.....
Lincoln.....	406	28	458	16	10	137	56	.....
Manitowoc.....	52,858	872	22,648	4,246	4,584	2,791	544	8
Marathon.....	6,517	327	5,424	1,874	419	806	180	.....
Marquette.....	379	58	428	30	227	168	2	50
Marquette.....	8,944	12,075	4,164	314	10,379	908	408	280
Milwaukee.....	10,998	5,935	10,606	6,788	3,136	3,582	197	.....
Monroe.....	36,484	12,091	16,039	1,844	2,174	1,409	67	340
Oconto.....	3,353	720	2,082	419	513	664	200	.....
Outagamie.....	33,388	7,080	10,371	1,833	875	2,842	56	40
Ozaukee.....	28,848	2,532	11,266	3,932	2,314	1,795	82	.....
Pepin.....	16,441	5,231	3,550	292	1,266	334	79	.....
Pierce.....	56,468	7,652	10,873	1,671	340	770	49	.....
Polk.....	17,106	1,163	4,524	508	218	471	236	16
Portage.....	18,643	12,561	8,525	804	8,610	2,531	144	360
Racine.....	11,352	13,189	15,566	1,900	1,383	1,473	45	.....
Richland.....	19,573	21,917	10,702	364	910	1,078	15	.....
Rock.....	24,598	73,149	51,920	23,306	7,784	2,520	73	.....
St. Croix.....	99,737	5,847	17,577	906	330	1,074	106	.....
Sauk.....	38,230	29,023	24,518	1,653	4,738	2,767	128	5
Shawano.....	8,800	1,221	3,435	309	795	736	544	73
Sheboygan.....	40,627	8,077	16,437	8,595	4,042	2,001	281	5
Taylor.....	149	131	217	2	14	455	187	.....
Trempealeau.....	71,708	13,393	19,049	2,818	1,061	886	55	1
Vernon.....	44,014	20,699	19,855	3,684	1,249	1,173	56	.....
Walworth.....	25,812	38,263	26,385	9,222	1,963	1,818	31	3
Washington.....	54,201	12,438	12,234	5,872	4,630	2,097	298	134
Waukesha.....	39,387	22,424	19,692	9,514	5,356	3,528	224	50
Waupaca.....	20,988	9,839	8,281	1,629	5,311	2,364	1,836	203
Waushara.....	15,664	16,726	9,091	268	12,666	1,350	109	857
Winnebago.....	52,162	12,900	12,857	1,502	755	1,474	21	.....
Wood.....	773	614	647	43	654	274	88	400
Total.....	\$1,775,665	\$905,539	\$870,976	\$185,376	\$148,956	\$82,618	\$12,272	\$17,099

"K"—Principal Farm Products of the State.

APPENDIX "K."—Statement of the principal Farm Products growing in the several counties of the State at the time of making annual assessment for the year 1879.—Continued.

COUNTIES.	APPLE ORCHARDS.		NUMBER OF ACRES.					MILCH COWS.	
	No. of Acres.	No. bearing trees.	Flax.	Hops.	Tobacco	Grasses.	Growing Timber.	Number.	Value.
Adams	118	4,095		255	7	8,695	37,702	2,995	\$35,613
Ashland						167	599,040	68	1,152
Barron	58	1,020	1	23	8	1,415		1,522	24,746
Bayfield	1	50				207	800,000	30	750
Brown	240	5,728				9,191	45,597	5,110	66,437
Buffalo	306	7,091				8,681	38,610	6,085	66,320
Burnett	1	105				173	1,230	824	6,206
Calumet	697	19,164		16	1	15,356	39,169	5,959	90,489
Chippewa	124	5,301			3	6,393	320,340	2,805	34,205
Clark	106	3,838				10,747	660,256	2,641	37,291
Columbia	1,784	61,404	22	188	1	35,993	70,402	11,727	171,695
Crawford	760	25,998		1	9	4,890	136,912	4,621	54,158
Dane	3,435	85,005	112	510	3,579	57,706	106,537	20,616	291,389
Dodge	2,912	88,029	2	30	10	33,014	41,949	18,125	254,530
Door	195	4,360		2	4	5,324	30,741	1,946	24,617
Douglas						100	171,550	86	2,000
Dunn	165	6,403		26		9,381	71,591	5,284	66,287
Eau Claire	179	10,626				8,120	39,579	3,315	50,900
Fond du Lac	2,683	81,106		12		60,212	45,577	13,503	206,955
Grant	2,761	115,358	14,470	54	15	46,934	109,356	13,553	188,791
Green	1,511	50,262	432		95	46,675	49,370	15,338	248,378
Green Lake	1,208	44,510	147	10	13	14,872	25,870	4,849	68,730
Iowa	1,043	41,629	15,536	15	4	21,056	67,082	9,823	149,729
Jackson	181	6,978		22		7,756	80,830	3,684	48,942
Jefferson	2,690	125,364		395	94	18,287	31,499	16,526	256,336
Juneau	564	13,149		320	5	10,947	36,029	3,970	49,869
Kenosha	1,833	65,358	4,312			33,809	15,405	6,360	124,534
Kewaunee	94	2,517			30	16,177	40,810	4,213	51,830

"K."—Principal Farm Products of the State.

La Crosse	262	6,786	.....	103	.....	15,376	33,818	4,821	69,505
La Fayette	1,438	49,066	25,849	5	9	28,798	35,956	9,427	160,888
Lincoln	7	142	.....	.....	1	410	1,006,240	290	3,730
Manitowoc	1,136	19,709	.....	3	.....	29,335	151,597	11,882	155,765
Marathon	24	1,355	.....	.....	2	4,308	518,571	2,871	32,824
Marinette	21	150	.....	.....	.....	155	475,000	1,020	25,600
Marquette	503	9,586	4	30	11	4,650	49,679	3,394	42,353
Milwaukee	2,036	74,116	94	53	.....	19,425	14,415	19,984	120,111
Monroe	585	20,254	.....	153	.....	16,062	45,766	6,290	75,476
Oconto	35	2,317	.....	.....	1	2,461	.....	1,007	16,019
Outagamie	1,146	15,693	.....	12	.....	9,233	106,148	6,189	81,389
Ozaukee	1,199	29,973	2	.....	1	11,020	22,755	5,740	76,506
Pepin	47	2,859	.....	.....	.....	2,972	16,086	1,927	20,232
Pierce	277	7,410	7	.....	3	11,185	112,443	4,456	62,849
Polk	32	2,718	.....	.....	2	2,703	319,414	2,611	36,980
Portage	62	3,142	.....	314	9	8,933	442,910	4,106	55,515
Racine	2,104	67,005	5,496	9	.....	14,972	15,940	6,771	140,696
Richland	707	21,729	88	66	4	19,918	157,769	5,687	70,765
Rock	3,555	118,272	345	3	3,476	58,013	53,331	14,560	280,661
St. Croix	170	16,821	.....	.....	.....	13,601	122,488	4,803	67,130
Sauk	1,653	47,030	.....	917	1	25,452	105,894	9,961	135,310
Shawano	173	1,002	.....	.....	2	3,362	65,981	1,668	19,872
Sheboygan	2,023	60,491	6	20	2	37,827	54,242	13,129	283,585
Taylor	26	2	.....	.....	5	544	634,490	186	3,007
Trempealeau	328	14,005	.....	30	5	13,071	64,527	6,643	80,222
Vernon	907	22,093	88	42	17	22,674	166,945	6,781	77,293
Walworth	4,247	123,477	1,561	13	4	52,547	49,996	12,378	240,342
Washington	2,154	66,064	.....	12	2	13	52,468	9,288	116,273
Waukesha	3,645	111,852	43	132	3	54,303	45,440	20,639	198,777
Waupaca	355	10,621	6	117	2	14,956	127,000	6,186	77,304
Waushara	407	13,709	6	196	2	9,793	69,888	5,018	61,560
Winnebago	1,551	86,896	1	20	.....	20,823	19,933	9,438	148,354
Wood	17	631	.....	11	.....	264	21,207	675	9,819
Total	\$58,481	\$1,901,424	\$68,630	\$4,140	\$7,440	\$1,021,437	\$9,391,370	\$410,345	\$5,719,641

"L."—Principal Farm Products of the State.

APPENDIX "L."—Statement of Principal Farm Products grown in the several counties in 1878, as ascertained and compiled pursuant to provisions of section 1010 R. S.

COUNTIES.	NUMBER OF BUSHELS.								
	Wheat.	Corn.	Oats.	Barley.	Rye.	Potatoes.	Root Crops.	Cran-berries.	Apples.
Adams	46,705	155,889	91,169	850	76,038	43,074	9,841	372	1,475
Ashland	200		2,300			4,545	1,250		
Barron	99,889	16,143	127,909	23,351	4,490	43,238	7,699		166
Bayfield	40	100	300	65		3,000	200		30
Brown	212,138	52,528	225,443	24,380	46,396	92,477	25,003		2,918
Buffalo	676,329	242,087	445,392	33,402	11,547	59,195	4,771		1,083
Burnett	29,241	2,617	15,183	1,353	4,473	9,435	3,530	4,149	1
Calumet	462,443	158,671	242,117	91,282	3,219	46,439	2,496		12,533
Chippewa	330,884	101,249	358,401	32,818	3,260	71,732	53,568	75	272
Clark	49,536	69,072	127,030	5,156	5,810	55,370	13,625	53	232
Columbia	659,723	956,001	625,223	82,130	67,998	98,361	9,916	433	14,400
Crawford	264,039	343,884	317,632	20,808	17,739	41,836	1,838	1	9,919
Dane	787,529	2,197,559	1,913,503	354,975	108,549	133,634	21,895	80	29,352
Dodge	1,800,735	1,120,235	938,439	223,184	39,418	134,808	19,172		33,147
Door	101,434	8,091	68,768	7,079	10,440	32,382	33,948	206	1,094
Douglas	275	100	350			2,000	100		
Dunn	432,884	232,472	471,959	32,213	11,183	67,589	45,648		144
Eau Claire	464,419	201,166	348,832	16,305	12,096	53,750	48,987		434
Fond du Lac	1,171,509	574,651	718,095	143,020	13,514	116,340	14,361		37,229
Grant	316,558	2,710,760	1,655,138	24,875	63,642	179,947	2,323		38,160
Green	105,618	1,769,630	1,188,581	8,985	66,808	70,169	3,338		20,259
Green Lake	374,704	452,743	248,242	15,951	36,124	46,409	6,525	402	29,065
Iowa	281,031	1,376,298	1,132,586	25,801	18,970	83,003	5,404		14,019
Jackson	303,023	189,794	375,506	34,173	9,613	40,263	22,312	1,271	303
Jefferson	529,659	914,219	561,265	148,289	99,234	84,556	14,560	25	41,303
Juneau	135,314	203,199	302,216	6,108	34,095	81,640	8,444	16,926	2,088
Kenosha	56,146	526,620	441,505	18,224	12,005	35,203	4,069		20,772
Kewaunee	157,207	5,269	100,089	11,895	20,817	39,319	5,422		970

"I."—Principal Farm Products of the State.

La Crosse	414,445	290,389	364,509	43,056	52,782	46,272	10,820	.....	336
La Fayette	63,018	2,021,031	2,056,009	11,469	30,835	89,467	535	.....	14,897
Lincoln	4,842	716	12,819	553	80	10,962	6,007	.....	89
Manitowoc	616,958	18,988	433,469	42,179	63,673	81,458	14,316	.....	6,920
Marathon	77,651	10,481	125,672	10,081	5,163	69,520	41,347	.....	240
Marinette	4,061	862	9,130	440	3,856	16,524	150	.....	76
Marquette	63,161	394,632	94,605	434	102,666	53,447	12,297	.....	3,174
Milwaukee	129,149	166,026	328,758	92,112	55,813	133,362	27,738	.....	15,037
Monroe	371,939	267,624	435,414	33,793	23,810	69,072	18,323	.....	2,516
Oconto	24,802	12,308	29,546	2,694	6,655	25,950	19,224	.....	747
Outagamie	487,160	335,692	320,223	33,749	18,721	111,324	22,196	.....	7,392
Ozaukee	305,070	60,605	281,614	62,446	32,125	46,193	15,249	.....	8,003
Pepin	204,712	134,577	127,767	7,107	13,011	30,741	7,950	.....	92
Pierce	770,274	227,055	290,003	34,690	3,991	67,747	16,872	.....	909
Polk	260,823	33,957	132,688	11,418	9,166	53,978	35,868	.....	392
Portage	137,858	188,271	152,420	8,599	76,525	115,097	29,790	.....	2,730
Racine	146,679	507,567	553,370	28,197	42,733	44,882	14,031	.....	10
Richland	308,694	633,491	302,951	6,193	17,302	43,545	1,233	.....	2,189
Rock	311,839	2,231,066	1,751,749	378,573	157,591	122,349	21,438	.....	49,146
St. Croix	1,425,199	165,344	582,422	26,312	3,947	91,474	27,501	.....	13
Sauk	409,161	772,859	731,528	30,665	75,883	128,508	18,375	.....	49
Shawano	127,697	25,266	93,739	4,778	13,054	34,153	17,517	.....	25
Sheboygan	489,280	290,131	489,717	101,675	62,060	107,089	42,812	.....	301
Taylor	734	549	1,184	54	459	8,678	5,723	.....	.....
Trempealeau	823,802	369,965	592,316	41,993	12,554	76,635	14,306	.....	280
Vernon	454,828	471,552	629,349	78,218	18,664	48,281	5,560	.....	10,237
Walworth	337,977	1,660,360	1,028,959	141,196	54,023	80,687	13,505	.....	75
Washington	613,368	421,040	439,171	92,184	89,750	85,254	22,405	.....	310
Waukesha	517,368	632,834	655,060	133,106	137,400	143,042	38,447	.....	151
Waupaca	211,768	198,210	204,351	25,554	66,405	175,657	17,492	.....	1,107
Waushara	109,657	357,999	191,397	3,648	122,345	74,573	15,985	.....	30,095
Winnebago	840,822	526,603	429,069	23,020	14,933	85,475	9,002	.....	33,821
Wood	7,365	18,962	9,355	650	5,426	15,601	15,604	.....	4,166
Total	20,921,373	28,028,049	26,923,506	2,947,508	2,190,879	4,156,711	969,863	.....	67,617
								.....	650,463

APPENDIX "L."—Statement of the Principal Farm Products Grown in 1878—continued.

COUNTIES.	NO. OF BUSHE		NO. ACRES HAR- VESTED FOR SEED		NUMBER OF POUNDS.					
	Clover Seed.	Timothy Seed.	Clover.	Timothy	Flax.	Hops.	Tobacco.	Grasses, Tons.	Butter.	Cheese.
Adams	1,160	136	664	166	.....	81,827	1,340	2,212	134,670	36,562
Ashland.....								120	1,000	.....
Barron.....		39	86	664	300	4,625	2,160	495	79,609	970
Bayfield.....								200	500	.....
Brown.....	40	18	23	.....		700	1,942	21,782	306,012	48,780
Buffalo.....		160	5	46	.....			13,495	186,530	62,648
Burnett.....									14,696	300
Calumet.....	6,916	762	3,778	47	.....	10,000	35	16,839	232,220	150,991
Chippewa.....	4	81	2	7	.....	1,000	1,631	4,831	123,692	2,400
Clark.....	13	54	.....	.....		13	894	11,794	177,206	25,400
Columbia.....	4,337	3,974	3,013	894	6,600	38,133	485	19,082	513,192	645,871
Crawford.....	193	54	113	37	.....	600	1,908	5,873	219,618	1,930
Dane.....	5,713	1,562	4,814	821	14,320	35,479	2,588,797	59,309	1,256,143	399,494
Dodge.....	8,058	4,410	4,110	558	10	5,890	5,268	37,667	1,001,191	830,027
Door.....	69	54	51	5	.....	37	946	5,551	96,641	1,340
Douglas.....								200	1,000	.....
Dunn.....		231	.....	51	.....	4,895	708	8,359	271,834	1,364
Eau Claire.....	173	247	56	55	.....			29	3,946	426,081
Fond du Lac.....	6,864	2,212	4,410	511	1,680	9,453	50	120,995	565,112	1,136,877
Grant.....	4,044	666	3,406	283	1,863,502	6,399	6,265	13,771	725,257	87,295
Green.....	3,001	1,523	2,246	513	57,993	.....	43,700	43,153	539,499	1,951,900
Green Lake.....	1,944	6,174	984	1,112	720	1,950	927	20,285	381,923	36,100
Iowa.....	2,015	412	1,596	162	4,256,880	580	200	6,037	574,627	12,600
Jackson.....	570	175	315	45	.....	2,900	1,361	2,145	213,483	21,787
Jefferson.....	6,762	164	4,156	82	.....	175,688	127,860	21,916	515,123	3,275,061
Juneau.....	1,292	345	756	120	.....	70,092	167	6,247	234,515	85,970
Kenosha.....	2,520	752	984	155	1,019,697	.....	4	20,075	402,281	435,774
Kewaunee.....	177	49	35	1	.....		4,604	8,633	164,630	91,080

"L."—Principal Farm Products of the State.

APPENDIX "M."—List of Officers of Agricultural Societies for the year 1879.

COUNTIES.	NAME OF SOCIETY.	PRESIDENT.	SECRETARY.	TREASURER.
Barron	Barron County Agricultural Society	W. W. Flinn	Fred Telke	Ed. C. Coleman.
Buffalo	Buffalo County Agricultural Society	John Burgess	J. W. De Groff	Geo. Schwäbel.
Burnett	Burnett County Agricultural Society	William Irvin	J. J. Buck	Andrew Ahlstrom.
Calumet	Calumet County Agricultural Society	W. H. Cook	Geo. D. Breed	C. H. M. Peterson.
Clark	Clark County Agricultural Society	Geo. A. Austin	John S. Dore	J. F. Canon.
Columbia	Columbia County Ag'l Society	L. W. Barden	Z. J. D. Swift	J. Q. Adams.
Columbia	Columbus Union Ag'l Society	James Webster	H. R. Cook	Linus Birdsey.
Columbia	Lodi Union Agricultural Society	Robert Steele	E. W. Gardner	Job Mills.
Crawford	Crawford County Ag'l Society	Edward Garvey	Joseph K. Langdon	D. W. Briggs.
Dodge	Dodge County Agricultural Society	J. H. Dunham	W. T. Rambusch	Barbar Randall.
Door	Door County Agricultural Society	Henry B. Stephenson	R. M. Wright	George Basford.
Dunn	Dunn County Agricultural Society	A. C. Sherburne	O. L. Rickard	Rndolph Zuehlke.
Fond du Lac	Fond du Lac County Ag'l Society	H. D. Hitt	G. de Neveu	F. B. Hoskins.
Fond du Lac	Ripon Agricultural Association	Henry W. Wolcott	Wm. B. Kingsbury	Charles F. Wheeler.
Grant	Grant County Agricultural Society	A. H. Barber	J. M. Kilbourn	T. A. Burr.
Grant	Boscobel Ag'l & Driving Park Ass'n	George F. Hildebrand	T. J. Brooks	Theo. Kronshage.
Green	Green County Agricultural Society	J. B. Treat	W. W. Wright	C. E. Adams.
Iowa	Iowa County Agricultural Society	M. J. Briggs	Wm. H. Prideaux	Samuel Hoskins.
Iowa	Southwestern Wisconsin Ind. Ass.	John H. Vivian	Delos P. Beech	Thomas Priestley.
Jackson	Jackson County Agricultural Society	William T. Price	John Parsons	W R. O'Hearn.
Jefferson	Jefferson County Ag'l Society	Walt. S. Green	D. W. Curtis	Solon Brown.
Jefferson	Central Wis. Ag'l & Mech. Ass'n	Jesse Stone	T. P. Brook	Jos. Salick.
Juneau	Juneau County Agricultural Society	Sandford Phillips	M. H. Case	M. Temple.
Kenosha	Kenosha County Ag'l Society	Frederick Robinson	H. H. Tarbell	H D. Bliss.
Kewaunee	Kewaunee County Ag'l Society	Edward Wyman	Geo. W. Wing	W. Seidl.
La Crosse	La Crosse County Ag'l Society	William Van Zandt	W. I. Dudley	F. W. Stiles.
La Fayette	La Fayette County Ag'l Society	P. A. Orton	H. L. Brown	D. Schreiter.
Manitowoc	Manitowoc Co. Cent. Ag'l & M. Ass.	Ira Clark	J. Earl Harris	C. Larson.
Marathon	Marathon County Ag'l Society	August Kickbusch	H. L. Wheeler	James McCrosson.
Marquette	Marquette County Ag'l Society	John Ellis	Wm. H. Peters	Martin G. Ellison.

"M."—Officers of Agricultural Societies.

Monroe	Monroe County Agricultural Society	C. A. Hunt	C. E. Boyden	T. B. Tyler.
Monroe	Eastern Monroe County Ag'l Soc'y.	L. S. Benjamin	E. L. Bolton	William Y. Baker.
Oconto	Oconto County Agricultural Society	Thomas Milledge	E. F. Paramore	C. S. McKinzie.
Outagamie	Outagamie County Ag'l & Mec'l Soc	J. H. Carver	R. H. Randall	W. F. Montgomery.
Ozaukee	Ozaukee County Agricultural Soc'y	Alexander M. Alling.	Charles Wilke	August Koenig.
Pepin	Pepin County Agricultural Society .	S. L. Plummer	W. H. H. Matteson	George Tarrant.
Pierce	Pierce County Agricultural Society .	John S. Copley	Dan'l J. Dill	Geo. M. Teachout.
Portage	Portage County Agricultural Society	Thomas Pipe	A. J. Smith	Oliver Yorton.
Racine	Racine County Agricultural Society.	R. H. Baker	Chas. McCumber	F. H. Ayers.
Richland	Richland County Agricultural Soc'y	A. S. N. ff.	W. M. Fogo	D. L. Downs.
Rock	Rock County Agricultural Society . .	George Sherman	R. J. Richardson	N. P. Bump .
Rock	South'n Wis. & North'n Ill. Ind. Ass'n	Henry Pentland	B. A. Chapman	T. B. Bailey.
St. Croix	St. Croix County Agricultural Soc'y.	F. W. Hitchings	Rufus R. Young	A. D. Richardson.
Sauk	Sauk County Agricultural Soc'y	John M. True	G. A. Pabodie	J. M. Highland.
Sauk	Baraboo Valley Agricultural Soc'y..	James Lake	A. F. Lawton	A. P. Ellinwood.
Shawano	Shawano County Agricultural Soc'y.	Henry Luecker	D. H. Pulcifer	A. M. Andrews..
Sheboygan	Sheboygan County Ag'l Soc'y	Henry Wheeler	Byron Sanford	John D. Parrish.
Sheboygan	Sheboygan Co. Ger. Ag'l & Ind. Soc	Carlis Wipperman	Geo. Thies	Carl Reich.
Trempealeau	Trempealeau County Agricult'l Soc.	A. R. Carhart	E. F. Clarke	A. H. Kneeland.
Vernon	Vernon County Agricultural Society	David A. Bean	Wm. F. Terhune	Elijah Powell.
Walworth	Walworth County Agricultural Soc.	H. G. Hollister	W. H. Morrison	Hollis Latham.
Washington	Washington County Ag'l Society . . .	L. F. Frisby	John Pick	C. H. Wilke.
Waukesha	Waukesha County Ag'l Society	Ephraim Beaumont..	M. L. Butterfield	Geo. F. H. Barber.
Waupaca	Waupaca County Agricultural Soc .	J. C. Alden	William Woods	Andrew Gardner.
Waupaca	Waupaca Ag'l & Mech. Assoc'n	A. Gordon	C. Caldwell	D. Parish.
Waushara	Waushara County Ag'l Society	J. N. P. Bird	W. S. Munroe	S. M. Olds.
Winnebago	Nor. Wis. Ag'l and Mech. Assoc'n . .	A. A. Loper	R. D. Torrey	E. W. Viall.
Wood	Wood County Agricultural Society .	J. D. Witter	D. J. Cole	Zeth Reeves.

"M"—Officers of Agricultural Societies.

APPENDIX "M." — *Synopsis of the Annual Reports of Industrial and County Agricultural Societies for the year 1878.*

NAME OF SOCIETY.	When Fair was held.	RECEIPTS.						Cash on hand at last report.	Total.
		From State.	Member-ship.	Admissi'n Fees.	Entries	Other Sources.	Total Receipts.		
Barron Co. Agr. Society.....	Sept. 10-11	100	\$73 00	\$14 85		\$13 60	\$201 45	\$54 30	\$255 75
Buffalo Co. Agr. Society.....	Sept. 18-20	100	243 00	108 80	\$103 50	50 50	605 80	249 52	855 32
Burnett Co. Agr. Society.....	Oct. 1-2	.....	14 50	.....	.....	100 00	114 50	.....	114 50
Calumet Co. Agr. Society.....	Oct. 3-4	.....	80 50	395 05	.....	45 00	520 55	.....	520 55
Clark Co. Agr. Society.....	Sept. 17-19	100	121 50	204 13	24 00	400 00	849 63	3 19	852 82
Columbia Co. Agr. Society.....	Sept. 24-27	100	480 00	445 25	260 00	1,007 96	2,293 21	45 92	2,339 13
Columbus Union Agr. Society...	Oct. 18-21	100	74 00	138 67	80 00	169 50	562 17	.....	562 17
Lodi Union Agr. Society.....	Sept. 17-19	100	.....	486 65	.....	232 70	819 35	51 74	871 09
Crawford Co. Agr. Society.....	Sept. 17-19	100	100 00	163 50	85 00	86 50	535 00	.....	535 00
Dodge Co. Agr. Society.....	Sept. 3-5	100	.....	327 25	125 00	104 00	656 25	.....	656 25
Door Co. Agr. Society.....	Sept. 27-28	100	89 75	.....	.....	10 25	200 00	.....	200 00
Eau Claire Co. Agr. Society.....	Sept. 18-20	100	30 00	895 59	413 53	188 25	1,627 37	401 95	2,029 32
Fond du Lac Co. Agr. & Mech. So	Sept. 18-21	100	280 10	537 63	.....	167 11	1,084 84	11 00	1,095 84
Ripon Agr. Association.....	Sept. 17-19	100	.....	653 08	101 50	75 00	929 58	.....	929 58
Grant Co. Agr. Society.....	Sept. 4-6	100	138 00	482 40	64 50	182 65	967 55	.....	967 55
Boscobel Agr. and Driv. Park Ass.	Oct. 2-4	100	.....	1,162 91	551 50	392 85	2,207 26	729 91	2,937 17
Green Co. Agr. Society.....	Sept. 4-7	100	.....	1,467 17	.....	276 00	1,843 17	53 26	1,896 43
Iowa Co. Agr. Society.....	Sept. 25-28	100	247 00	957 27	149 50	489 60	1,943 37	313 69	2,257 06
Southwestern Wis. Ind'stl. Ass...	Sept. 3-6	100	652 00	1,313 15	632 50	1,010 45	3,708 10	137 95	3,846 05
Jackson Co. Agr. Society.....	Sept. 18-20	100	.....	431 60	142 90	27 50	702 00	201 67	903 67
Jefferson Co. Agr. Society.....	Sept. 17-20	100	380 00	2,147 25	593 12	1,729 50	4,949 87	83 72	5,033 59
Central Wis. Agr. and Mech. Ass.	Sept. 16-20	100	190 00	1,771 41	371 00	381 25	2,813 66	.....	2,813 66
Juneau Co. Agr. Society.....	Sept. 18	100	181 00	106 45	105 00	123 00	615 45	85 64	701 09
Kenosha Co. Agr. Society.....	Sept. 17-20	100	268 00	772 07	133 00	207 45	1,480 52	87 87	1,568 39
Kewaunee Co. Agr. Society.....	Sept. 23-25	100	69 00	29 35	55 70	248 57	502 62	.....	502 62
La Crosse Co. Agr. Society.....	Sept. 17-19	100	534 00	170 50	71 50	100 00	976 00	362 78	1,338 78
La Fayette Co. Agr. Society.....	Sept. 11-13	100	331 00	72 60	79 50	583 10	583 10

"M." — *Reports of Agricultural Societies.*

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"M":—Reports of Agricultural Societies.

Manitowoc Co. Cen. A. & M. Ass.	Sept. 19-21	200	140 00	288 76	120 50	15 00	764 26	764 26	
Marathon Co. Agr. Society.....	Sept. 19-20.	100	5 00	26 95	.....	222 00	353 95	354 67
Marquette Co. Agr. Society.....	Oct. 2- 3	100	.....	128 90	.....	-149 20	378 10	378 10
Monroe Co. Agr. Society.....	Sept. 25-27	100	249 00	265 50	35 88	47 50	697 88	726 05	
Eastern Monroe Co. Agr. Society	Sept. 17-19	100	15 00	.....	.....	792 36	907 36	907 36
Oconto Co. Agricultural Society.	Sept. 17-19	100	.....	61 43	47 57	100 00	309 00	309 00
Ooutagamie Co. Agr. & Mech. Ass.	Sept. 17-19	100	170 00	139 75	10 00	.....	419 75	419 75
Ozaukee Co. Agricultural Society	Sept. 24-27	100	182 00	87 75	.....	546 15	915 90	995 08
Pepin Co. Agricultural Society..	Sept. 4- 6	.....	543 00	335 75	9 00	80 50	968 25	968 25
Pierce Co. Agricultural Society..	Sept. 26-27	100	126 00	101 95	.....	65 00	392 95	455 03
Portage Co. Agricultural Society.	Sept. 17-20	100	.....	126 75	6 00	34 33	267 08	267 08
Racine Co. Agricultural Society.	Oct. 1- 4	100	.....	2,253 25	.....	812 70	3,165 95	3,165 95
Richland Co. Agr. Society.....	Sept. 18-20	100	40 00	394 50	207 72	76 34	818 56	834 11	
Rock Co. Agricultural Society....	Sept. 2- 5	.....	.....	338 25	.....	853 67	1,691 92	1,695 47
Sorth'n Wis. and No. Ill. Ind. Ass	Sept. 2- 6	100	278 50	1,905 75	.....	39 85	2,324 10	2,536 72
St. Croix Co. Agr. Society.....	Sept. 10-12	100	417 00	414 49	21 50	288 65	1,241 64	1,241 64	
Sauk Co. Agricultural Society....	Sept. 16-18	100	40 00	114 05	116 50	18 00	688 55	688 55	
Baraboo Valley Agr. Society.....	Sept. 25-27	100	.....	529 00	19 44	304 00	952 44	952 44
Shawano Co. Agri. Society.	Sept. 12-14	100	2 00	221 29	17 10	12 00	352 39	352 39	
Sheboygan Co. Agr. Society.....	Sept. 16-18	100	344 00	89 80	28 00	75 92	637 72	637 72	
Sheboy. Co. Ger. Agr. & Ind Soc.	Sept. 19-22	100	48 00	177 75	178 05	398 50	902 30	902 30	
Trempealeau Co. Agr. Society ...	Sept. 18-20	100	241 00	79 00	79 78	132 75	632 53	770 35	
Vernon Co. Agricultural Society.	Sept. 17-19	100	.....	82 76	.....	418 50	601 26	658 57
Walworth Co. Agr. Society.....	Sept. 24-27	100	1,097 00	2,260 90	234 50	1,071 30	4,763 70	5,344 37	
Washington Co. Agr. Society	Oct 1- 4	100	80 00	477 06	123 00	442 64	1,222 70	1,288 61	
Waukesha Co. Agr. Society.....	Sept. 3- 6	100	20 00	925 00	193 13	220 85	1,458 98	1,489 16	
Waupaca Co. Agr. Society.....	Sept. 19-21	100	.....	217 53	.....	287 84	605 37	637 27
Waupaca Agr. and Mech. Assoc..	Sept. 3- 5	.....	.....	279 59	22 00	119 77	421 36	435 70
Waushara Co. Agr. Society.....	Sept. 24-26	100	.....	368 70	.....	235 00	703 70	703 70
Wood Co. Agricultural Society..	Sept. 24-27	100	.....	434 42	67 50	111 40	713 32	716 92
Total	\$5,300	\$8,282 85	\$29,356 80	\$5,755 28	\$15,870 41	\$64,565 34	\$4,197 71	68,763 05

APPENDIX "M."—Synopsis of the Annual Reports of Industrial and County Agricultural Societies for the Year 1878.—con.

COUNTIES.	Where Fair was Held.	DISBURSEMENTS.					Cash on hand at report.	Total.	Indebtedness.
		Premiums.	Fair Expenses.	Sec'y's Office.	Other Purposes	Total Disbursements.			
Barron	Sumner	\$109 90	\$23 10	\$9 00	\$19 85	\$161 85	\$93 90	\$255 75	
Buffalo	Alma	198 00	329 39		320 60	847 99	7 33	855 32	
Burnett	Grantsburg	5 75	19 25		30 00	55 00	59 50	114 50	
Calumet	Chilton	118 25	92 64		106 70	317 59	202 96	520 55	
Clark	Neillsville	196 05	130 22		501 00	827 27	25 55	852 82	
Columbia	Portage	1,295 50	309 45	71 25	657 77	2,333 97	5 16	2,339 13	
Columbia	Columbus	200 00	288 66	50 00		538 66	23 51	562 17	
Columbia	Lodi	197 90	110 48	50 00	482 76	841 14	29 95	871 09	
Crawford	Seneca	308 35	131 43	43 00	171 35	654 13		654 13	\$119 13
Dodge	Juneau	291 74	123 41		236 67	651 82	4 43	656 25	
Door	Sturgeon Bay	122 38	19 30	29 10	12 47	183 25	16 75	200 00	
Eau Claire	Eau Claire	943 00	308 39	19 00	421 31	1,691 70	337 62	2,029 32	
Fond du Lac	Fond du Lac	188 91	492 90	202 50	190 00	1,074 31	21 53	1,095 84	
Fond du Lac	Ripon	438 50	271 24		219 69	929 43	15	929 58	
Grant	Lancaster	531 54	120 60	34 50	280 91	967 55		967 55	
Grant	Boscobel	1,131 95	421 66	100 00	537 05	2,190 66	746 51	2,937 17	
Green	Monroe	730 30	557 18	30 50	540 31	1,858 79	37 64	1,896 43	
Iowa	Dodgeville	977 00	194 90	219 50	175 86	1,567 26	689 80	2,257 06	
Iowa	Mineral Point	2,262 49	1,185 99	196 55	60 00	3,705 03	141 02	3,846 05	
Jackson	Black River Falls	687 95	209 08	27 60		924 63		924 63	20 96
Jefferson	Jefferson	1,749 68	1,035 31	80 00	2,126 02	4,991 01	42 58	5,033 59	
Jefferson	Watertown	2,174 21	243 35	11 00	874 97	3,303 53		3,303 53	2,757 82
Juneau	Mauston	533 50	112 75	22 06	42 34	710 65		710 65	9 56
Kenosha	Kenosha	725 19	354 01	50 00	352 43	1,481 63	86 76	1,568 39	
Kewaunee	Kewaunee	178 00	90 95	9 65	224 02	502 62		502 62	
La Crosse	West Salem	823 50	108 48	25 00	332 63	1,289 61	49 17	1,338 78	
La Fayette	Darlington	357 00	179 04	55 35	17 50	608 89		608 89	25 79
Manitowoc	Clark's Mills	570 15	88 42	5 00	224 00	887 57		887 57	123 31

"M."—Reports of Agricultural Societies.

"M"—Reports of Agricultural Societies.

Marathon ..	Wausau	177 75	120 40	30 00	23 09	351 24	3 43	354 67	.....
Marquette ..	Montello	127 50	30 56	14 50	144 35	316 91	61 19	378 10	.....
Monroe	Sparta	286 50	110 00	26 49	241 32	664 31	61 74	726 05	.....
Monroe	Tomah	171 00	43 00	30 00	648 00	892 00	15 36	907 36	.....
Oconto	Oconto	56 00	104 65	40 00	151 33	351 98	.....	351 98	42 98
Outagamie ..	Appleton	216 75	181 00	22 00	.....	419 75	.....	419 75	.....
Ozaukee	Saukville	328 75	132 75	15 00	39 00	515 50	479 58	995 08	.....
Pepin	Durand	441 25	419 90	15 35	235 00	1,111 50	.....	1,111 50	143 25
Pierce	Prescott	226 50	108 14	10 00	4 00	348 64	106 39	455 03	.....
Portage	Amberst	162 83	49 25	50 00	5 00	267 08	.....	267 08	.....
Racine	Burlington	1,308 75	1,148 71	134 00	320 29	2,911 75	254 20	3,165 95	.....
Richland	Richland Center ..	599 10	74 25	25 00	135 76	834 11	.....	834 11	.....
Rock	Janesville	722 72	800 14	.....	138 71	1,661 57	33 90	1,695 47	.....
Rock	Beloit	1,099 50	969 39	122 40	191 16	2,382 45	154 27	2,536 72	.....
St. Croix	New Richmond	395 00	103 65	.....	698 08	1,196 73	44 91	1,241 64	.....
Sauk	Baraboo	685 40	111 00	17 85	453 92	1,268 17	.....	1,268 17	579 62
Sauk	Reedsburg	419 00	233 44	48 00	252 00	952 44	.....	952 44	.....
Shawano	Shawano	177 42	36 00	12 00	133 42	358 84	.....	358 84	6 45
Sheboygan ..	Sheboygan Falls ..	429 00	94 74	13 98	100 00	637 72	.....	637 72	.....
Sheboygan ..	Sneboygan	217 72	258 10	50 00	586 43	1,112 25	.....	1,112 25	209 95
Temp'aleau ..	Galesville	226 89	113 25	40 00	300 04	680 18	90 17	770 35	.....
Vernon	Viroqua	312 00	91 36	39 07	164 83	607 26	51 31	658 57	.....
Walworth	Elkhorn	2,486 25	1,737 50	211 36	525 06	4,960 17	384 20	5,344 37	.....
Washington ..	West Bend	559 25	317 38	.....	411 95	1,288 58	03	1,288 61	.....
Waukesha	Waukesha	915 40	332 00	.....	241 76	1,489 16	.....	1,489 16	.....
Waupaca	Weyauwega	224 25	58 27	6 00	348 75	637 27	.....	637 27	.....
Waupaca	Waupaca	271 25	126 59	.....	77 19	475 03	.....	475 03	39 33
Waushara	Wautoma	277 25	65 14	35 26	326 05	703 70	.....	703 70	.....
-Wood	Grand Rapids	210 35	101 54	50 00	436 13	798 02	.....	798 02	81 10
Total .....	.....	\$31,778 02	\$15,623 68	\$2,398 82	\$16,491 33	\$66,291 85	\$4,362 50	\$70,654 35	\$4,159 25

APPENDIX "N."—Summary statement of the number of Deaf and Dumb persons in Wisconsin, as returned to the Secretary of State for the year 1879, pursuant to the provisions of Section 1014 of the Revised Statutes.

COUNTIES.	Number.	Over 20 yrs.	Under 20 yrs.	White.	Black.	Males.	Females.	Farmers.	Mechanics.	Merchants.	Professionals.	Natives.	Foreigners.	Educated.	Uneducated.	No. children in families represented.	Rel. of parents.	
																	Cousins	Uncles & Nieces.
Adams	4	1	3	4	...	1	3	...	...	...	1	3	1	4	...	20	...	...
Baron	2	...	2	...	...	1	1	1	...	...	...	...	2	...	2	9	...	...
Brown	27	8	19	27	...	19	8	7	3	...	...	23	5	2	16	124	2	...
Buffalo	8	3	5	8	...	5	3	2	1	...	...	8	...	3	5	19	...	...
Calumet (f)	5	3	2	5	...	4	1	3	...	...	...	2	3	1	4	23	...	...
Chippewa	4	1	3	4	...	1	3	1	2	...	...	4	...	2	2	22	...	...
Clark	6	1	5	6	...	3	3	1	...	...	...	5	1	2	4	24	...	...
Columbia	18	11	7	18	...	9	9	7	...	...	...	15	3	14	4	56	...	...
Crawford (c)	8	2	6	8	...	4	4	1	...	...	...	6	2	1	6	25	...	...
Dane (d)	26	15	11	26	...	20	6	5	5	...	...	19	7	17	9	97	...	...
Dodge (e)	17	10	7	16	1	10	7	4	1	...	...	9	8	8	9	70	...	...
Door	9	...	9	...	...	6	3	1	...	...	...	6	3	3	6	24	...	...
Dunn (c)	9	5	4	9	...	2	7	2	...	...	...	8	1	5	4	43	2	...
Eau Claire	4	1	3	4	...	3	1	2	...	...	...	2	2	...	4	24	...	...
Fond du Lac (e)	13	7	6	13	...	11	2	2	2	...	...	12	1	6	15	53	2	...
Grant	18	2	16	17	1	11	7	2	...	...	...	18	...	3	3	94	2	...
Green	9	7	2	9	...	6	3	2	1	...	...	6	3	6	3	30	2	...
Green Lake	5	2	3	5	...	3	2	1	...	...	...	3	2	2	3	10	2	...
Iowa	8	...	5	8	...	5	3	2	...	...	...	3	2	4	4	36	...	...
Jackson	12	5	7	12	...	8	4	3	1	...	1	10	2	4	2	84	2	...
Jefferson (d)	10	2	8	10	...	4	6	...	1	...	...	8	2	5	5	28	...	...
Juneau	4	2	2	4	...	2	2	2	...	...	...	2	2	2	2	31	...	...
Kenosha	3	2	1	3	...	2	1	...	...	...	...	2	...	...	...	8	...	...
Kewaunee	10	2	8	10	...	6	4	1	...	...	...	6	4	...	10	45	...	...
La Crosse (d, b)	7	6	1	7	...	4	3	3	1	...	...	5	2	5	2	22	4	...

"N."—Number of Deaf and Dumb Persons.

"N."—Number of Deaf and Dumb Persons.

La Fayette (c).....	9	2	7	9	4	5	3				8	1	4	5	57	2		
Lincoln.....	1		1	1	1							1	1		4			
Manitowoc (b) (e).....	37	19	18	37	22	15	8	3			22	15	16	21	146	6		
Marathon.....	13	4	9	13	6	7	8	3			8	5	4	9	78			
Marquette.....	4	2	2	4	4			2			4		1	3	10			
Milwaukee (d).....	54	17	37	54	28	26	4	8	3		33	21	25	29	174	2		
Monroe.....	9	1	8	9	5	4	1				9		3	6	33		2	
Outagamie.....	7	3	4	7	6	1	2				5	2	4	3	18			
Ozaukee (d) (b).....	12	7	5	12	9	3	4	1			6	6	6	6	48			
Pepin (f).....	5		5	5	4	1					3	2	1	4	19	2		
Pierce.....	9	1	8	9	6	3	2				9		5	4	20			
Portage.....	14	5	9	14	8	6	4				8	6	7	7	56	2		
Racine.....	6	1	5	6	3	3	4	1			6		4	2	28			
Richland.....	11	2	9	11	3	8					9	2	3	8	45			
Rock.....	11	5	6	11	5	6	1	4			11		9	2	37			
St. Croix.....	5	2	3	5	2	3					4	1	3	2	19			
Sauk (d).....	4	2	2	4	3	1	3				2	2	3	1	18			
Shawano (c).....	8	3	5	8	4	4	2	1			3	5	2	6	8			
Sheboygan (e).....	19	7	12	19	12	7	4				14	5	6	13	96	2		
Taylor.....	4		4	4	1	3					2	2		4	10	2		
Trempealeau (b) (c).....	9	4	5	9	6	3	3				1	8	4	5	39			
Vernon (b) (d).....	9	4	5	9	5	4	2				7	2	3	6	30	4		
Walworth (d).....	21	13	8	21	13	8	3	2	3		17	4	15	6	97	4		
Washington.....	9	6	3	9	5	4	2	1			8	1	5	4	22			
Waukesha.....	11	5	6	11	5	6	3	1			9	2	8	3	32	2		
Waupaca (d).....	9	4	5	9	5	4	3				8	1	4	5	17			
Waushara.....	8	2	6	8	4	4	5				8		7	1	44			
Winnebago (d).....	27	12	15	27	20	7	3	5	2		21	6	15	12	144			
Wood (g).....																		
Total.....	591	234	357	589	2	349	242	129	50	3	7	430	161	267	314	2,370	46	2

(b) One also blind. (c) One also insane. (d) One also idiotic. (e) Three also idiotic. (f) Two also idiotic. (g) No report.

NOTE.—Counties which are omitted from above statement reported no deaf and dumb.

APPENDIX "N."—Summary statement of the number of Blind Persons in Wisconsin as returned to the Secretary of State for the year 1879, pursuant to the Provisions of Section 1014 of the Revised Statutes.

COUNTIES.	Number.	Over 20 years.	Under 20 years.	White.	Black.	Males.	Females.	Farmers.	Mechanics.	Merchants.	Professionals.	Natives.	Foreigners.	Educated.	Uneducated.	Total No. of children in families represented.	Relation of parents. Cou- sins.
Adams.....	2	2	.....	2	.....	2	.....	2	.....	.....	.....	1	1	2	.....	2	.....
Brown	9	3	.....	9	.....	6	3	4	.....	.....	.....	4	5	6	3	43	.....
Buffalo	4	3	1	4	.....	3	1	3	.....	.....	.....	1	3	4	4	7	.....
Calumet.....	7	5	2	7	.....	4	3	1	.....	.....	.....	5	2	3	4	25	2
Columbia (k).....	18	17	1	18	.....	13	5	7	.....	.....	.....	10	8	14	4	38	.....
Crawford.....	5	5	.....	5	.....	3	2	2	1	.....	.....	2	3	3	2	19	.....
Dane.....	14	13	1	14	.....	9	5	9	.....	1	1	7	7	11	3	63	.....
Dodge.....	15	10	5	15	.....	6	9	2	1	.....	.....	7	6	11	4	64	.....
Door.....	3	2	1	3	.....	2	1	2	.....	.....	.....	.....	.....	.....	.....	14	.....
Douglas.....	1	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	2	.....
Dunn.....	2	2	1	2	.....	3	.....	1	1	.....	.....	2	1	3	.....	11	.....
Eau Claire.....	2	2	.....	2	.....	1	1	1	.....	.....	.....	1	1	2	.....	13	.....
Fond du Lac.....	7	7	.....	7	.....	3	4	1	1	.....	.....	4	3	4	2	35	.....
Grant.....	8	7	1	8	.....	6	2	3	2	.....	1	4	4	7	1	34	2
Green.....	5	5	.....	5	.....	4	1	4	.....	.....	.....	3	2	4	1	5	.....
Green Lake.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Iowa.....	5	5	.....	5	.....	4	1	.....	1	.....	.....	2	3	5	.....	32	.....
Jackson.....	3	2	1	3	.....	.....	3	.....	.....	.....	.....	2	2	2	1	29	.....
Jefferson.....	2	1	1	2	.....	1	1	1	.....	.....	.....	1	1	1	1	9	.....
Juneau.....	10	5	5	10	.....	7	3	2	2	.....	1	7	3	5	5	37	2
Kenosha.....	2	2	.....	2	.....	2	.....	2	2	.....	.....	2	.....	2	.....	5	.....
Kewaunee.....	8	5	3	8	.....	6	2	2	1	.....	.....	2	5	1	.....	23	.....
La Crosse (a) (d).....	1	1	.....	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	.....
La Fayette.....	6	4	2	6	.....	5	1	.....	4	.....	1	3	3	5	1	18	.....

"N."—Number of Blind Persons.

"N."—Number of Blind Persons.

Manitowoc (a).....	7	7	.....	7	.....	3	4	3	.....	.....	.....	1	6	5	2	23	.....
Marathon	3	3	.....	3	.....	1	2	1	.....	.....	.....	2	1	2	1	3	.....
Marquette	4	4	.....	4	.....	4	.....	4	.....	.....	.....	1	3	4	.....	20	.....
Milwaukee (g).....	21	17	4	21	.....	16	5	3	1	1	1	10	11	16	5	57	.....
Monroe	5	5	.....	5	.....	2	3	2	.....	.....	.....	2	3	4	1	17	2
Ozaukee (a).....	11	10	1	11	.....	8	3	7	.....	.....	.....	2	9	10	1	23	.....
Pepin	3	2	1	3	.....	2	1	1	.....	.....	.....	2	1	.....	3	11	.....
Pierce	6	4	2	6	.....	2	4	2	.....	.....	.....	1	5	3	3	6	2
Polk	1	1	.....	1	.....	.....	1	1	.....	.....	.....	.....	1	1	.....	6	.....
Portage	5	5	.....	5	.....	3	2	1	.....	.....	.....	1	4	5	.....	14	.....
Racine	2	2	.....	2	.....	2	.....	1	.....	1	.....	2	.....	2	.....	16	2
Richland	4	4	.....	4	.....	2	2	.....	2	.....	.....	2	2	2	2	20	.....
Rock	19	12	7	19	.....	9	10	1	3	1	3	14	5	17	2	51	2
St. Croix	5	5	.....	5	.....	3	2	2	1	1	.....	2	3	4	1	10	.....
Sauk	7	7	.....	7	.....	4	3	3	.....	.....	.....	6	1	5	2	41	.....
Sheboygan	10	9	1	10	.....	7	3	5	.....	.....	.....	3	7	5	5	48	2
Taylor	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....
Trempealeau (a).....	6	4	2	6	.....	5	1	1	.....	.....	.....	.....	6	3	3	18	.....
Vernon (a).....	5	5	.....	5	.....	3	3	5	.....	.....	.....	4	1	3	2	31	.....
Walworth	7	6	1	7	.....	4	3	1	.....	1	1	4	3	7	.....	36	.....
Washington	9	8	1	9	.....	8	1	2	1	.....	.....	4	5	5	4	36	.....
Waukesha	5	5	.....	5	.....	5	.....	3	1	.....	.....	3	2	4	1	10	.....
Waukesha	5	5	.....	5	.....	5	.....	3	1	.....	.....	3	2	4	1	18	.....
Waupaca	7	6	1	7	.....	5	2	3	.....	1	.....	3	4	6	1	18	.....
Waushara	4	2	2	4	.....	3	1	1	.....	.....	.....	3	1	2	2	25	.....
Winnebago	18	14	4	18	.....	10	8	2	.....	.....	1	10	8	11	5	104	.....
Wood (l).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	316	261	55	316	.....	204	112	102	26	5	13	154	162	223	89	1,181	16

(a) One also deaf and dumb. (d) One also idiotic. (g) Two also insane. (k) Four also insane. (l) No report.

NOTE.—Counties which do not appear in the above statement reported no blind persons.

APPENDIX "N."—Summary statement of the number of Insane Persons in Wisconsin as returned to the Secretary of State for the year 1879, pursuant to the provisions of Section 1014 of the Revised Statutes.—Continued.

COUNTIES.	Number.	Over 20 years.	Under 20 years.	White.	Black.	Males.	Females.	Farmers.	Mechanics.	Merchants.	Professionals.	Natives.	Foreigners.	Educated.	Uneducated.	Total number of children in families represented.	Relation of parents. Cousins.
Adams	8	6	2	8	..	2	6	3	..	..	..	6	2	6	2	33	..
Brown	9	6	3	9	..	5	4	3	..	..	..	4	5	6	3	28	..
Buffalo	3	3	..	3	..	1	2	3	..	..	..	1	2	3	..	3	..
Burnett	1	1	..	1	..	..	1	..	..	..	..	..	1	..	..	3	..
Calumet	9	9	..	9	..	3	6	5	..	..	..	4	5	8	1	43	..
Columbia (l)	27	24	3	27	..	4	23	1	..	..	..	13	14	23	3	46	..
Crawford (a)	4	3	1	4	..	..	4	1	..	..	..	1	3	1	3	20	..
Dane	11	11	..	11	..	6	5	9	..	..	..	3	8	9	2	34	..
Dodge (a)	31	30	1	31	..	17	14	17	..	1	..	9	22	25	6	38	..
Door	5	4	1	5	..	1	4	1	..	..	..	1	4	1	4	5	..
Douglas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dunn (a)	3	1	2	3	..	2	1	..	..	..	..	2	1	1	2	10	..
Eau Claire	4	4	..	4	..	1	3	..	..	..	..	2	2	4	..	12	..
Fond du Lac	2	2	..	2	..	..	2	1	..	..	..	2	2	2	..	6	..
Grant	11	11	..	11	..	3	8	1	..	..	2	3	3	3	2	63	..
Green	5	5	..	5	..	3	2	2	..	..	..	3	2	4	1	22	..
Green Lake	1	1	..	1	..	1	..	..	..	..	1	1	1	1	..	1	..
Iowa	10	10	..	10	..	4	6	2	..	..	..	3	7	6	4	36	..
Jackson	1	1	..	1	..	..	1	..	..	..	..	1	..	1	..	1	..
Jefferson	2	2	..	2	..	..	2	..	..	..	..	..	2	1	1	3	..
Juneau	6	6	..	6	..	4	2	6	..	..	..	..	6	2	4	9	..
Kenosha	7	7	..	7	..	5	2	1	..	..	..	1	6	2	5	13	..
Kewaunee	3	3	..	3	..	1	2	1	..	..	..	..	3	1	2	18	..
La Crosse	11	11	..	10	1	5	6	1	3	1	..	3	8	6	3	22	..

"N."—Number of Insane Persons.

"N"—Number of Insane Persons.

La Fayette (a)	8	8	.....	8	.....	8	5	4	.....	.....	.....	5	3	5	3	47	.....
Manitowoc	13	11	2	13	.....	3	10	4	.....	.....	.....	3	10	5	5	36	.....
Marinette	1	1	.....	1	.....	1	.....	.....	1	.....	.....	1	.....	.....	.....	5	.....
Marquette	1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....
Milwaukee	24	21	3	24	.....	11	13	2	2	.....	.....	11	13	17	7	84	2
Outagamie	4	4	.....	4	.....	2	2	1	.....	.....	.....	1	3	1	3	4	.....
Ozaukee	6	4	2	6	.....	3	3	1	.....	.....	.....	5	1	3	3	27	.....
Pierce	3	2	1	3	.....	2	1	2	.....	.....	.....	1	2	2	1	16	.....
Polk	2	2	.....	2	.....	2	.....	.....	.....	.....	.....	1	1	1	.....	2	.....
Portage	1	1	.....	1	.....	.....	1	.....	.....	.....	1	1	.....	1	.....	2	.....
Price	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....
Racine	12	12	.....	12	.....	9	3	3	.....	.....	.....	7	5	11	1	42	.....
Richland	3	2	1	3	.....	2	1	1	.....	.....	.....	3	.....	2	1	7	.....
Rock (d)	11	11	.....	11	.....	4	7	4	.....	.....	.....	1	11	10	1	45	.....
St. Croix	1	1	.....	1	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	1	.....
Sauk	24	23	1	24	.....	10	14	5	1	.....	.....	1	12	12	19	5	78
Shawano (a)	1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....
Sheboygan	13	13	.....	13	.....	3	10	5	.....	.....	.....	5	8	9	4	46	2
Trempealeau (a)	6	3	3	6	.....	1	5	.....	.....	.....	.....	3	3	3	3	37	.....
Vernon	3	3	.....	3	.....	1	2	1	.....	.....	.....	1	2	1	2	3	.....
Walworth	14	14	.....	14	.....	4	10	2	.....	.....	1	4	10	14	.....	14	.....
Washington	9	8	1	9	.....	5	4	4	.....	.....	.....	5	4	8	1	24	.....
Waukesha (h)	31	29	2	31	.....	19	12	11	1	.....	.....	12	19	12	7	62	.....
Waupaca	5	5	.....	5	.....	3	2	3	1	.....	.....	1	4	5	.....	8	.....
Winnebago	12	12	.....	12	.....	6	6	4	2	.....	.....	4	8	9	1	53	.....
Wood (m)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	383	352	31	382	1	165	218	115	11	2	8	161	222	263	98	1,115	4

(a) One also deaf and dumb.

(d) One also idiotic.

(h) Two also blind.

(l) Four also blind.

(m) No report.

NOTE.—Counties omitted in above statement report no insane.

APPENDIX "N."—Summary statement of the number of Idiotic Persons in Wisconsin as returned to the Secretary of State for the year 1879, pursuant to the Provisions of Section 1014 of the Revised Statutes—continued.

COUNTIES.	Number.	years.		White.	Black.	Males.	Females.	Farmers.	Mechanics.	Merchants.	Professional.	Natives.	Foreigners.	Educated.	Uneducated.	Total number of children in families represented.	Relation of parents; cousins.
		Over 20	Under 20														
Adams	7	4	3	7	.....	6	1	3	.....	.....	.....	5	2	.....	7	17	.....
Barron	2	.....	2	2	.....	2	.....	.....	.....	.....	.....	2	2	.....	2	2	.....
Brown	10	4	6	10	.....	5	5	3	.....	.....	.....	7	3	1	9	60	2
Buffalo	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	4	.....
Calumet (j)	8	5	3	8	.....	7	1	6	.....	.....	.....	2	6	1	7	14	.....
Columbia	11	8	3	11	.....	8	3	2	.....	.....	.....	10	1	.....	11	49	.....
Crawford	7	4	3	7	.....	5	2	1	.....	.....	.....	6	1	1	6	50	.....
Dane (a)	9	4	5	9	.....	7	2	2	.....	.....	.....	8	1	1	8	49	.....
Dodge	26	21	5	26	.....	13	13	12	.....	.....	.....	14	12	6	20	98	6
Door	7	2	5	7	.....	4	3	1	.....	.....	.....	4	3	1	6	14	.....
Dunn	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	4	.....
Eau Claire	1	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	1	.....
Fond du Lac (i)	9	4	5	9	.....	5	4	2	.....	.....	.....	7	2	2	7	23	.....
Grant	13	8	5	13	.....	10	3	1	.....	.....	.....	13	.....	1	12	60	2
Green	4	4	.....	4	.....	1	3	.....	.....	.....	.....	1	3	.....	4	14	.....
Green Lake	9	5	4	9	.....	5	4	1	.....	.....	.....	8	1	.....	9	13	2
Iowa	6	4	2	6	.....	2	4	.....	.....	.....	.....	3	3	1	5	10	.....
Jackson	3	1	2	3	.....	2	1	.....	.....	.....	.....	1	2	.....	3	24	.....
Jefferson (a)	6	3	3	6	.....	3	3	.....	.....	.....	.....	5	1	.....	6	20	.....
Juneau	9	6	3	9	.....	4	5	1	.....	.....	.....	8	1	.....	9	28	.....
Kewaunee	4	2	2	4	.....	3	1	2	.....	.....	.....	2	2	.....	4	16	.....
La Crosse (a) (b)	3	3	.....	3	.....	2	1	.....	.....	.....	.....	3	.....	.....	3	9	.....
La Fayette	5	2	3	5	.....	2	3	2	.....	.....	.....	4	1	.....	5	31	.....
Manitowoc (i)	15	9	6	15	.....	11	4	1	.....	.....	.....	10	5	1	14	47	.....

"N"—Number of Idiotic Persons.

"N."—Number of Idiotic Persons.

Marinette	6	4	2	6	6	1			6		6	18	2				
Marquette	13	9	4	13	10	3	1		7	6	4	57					
Milwaukee (a)	8	3	5	8	6	2			7	1		42					
Monroe	1		1	1	1				1			7					
Oconto	4	2	2	4	3	1			2	2		4					
Outagamie	9	6	3	9	6	3	2		8	1		7					
Ozaukee (a)	5	2	3	5	4	1			3	2		21	2				
Pepin (j)	9	6	3	9	4	5	1		3	1	3	48					
Pierce	9	6	3	9	4	5	1		3	2	1	6					
Polk	5	2	3	5	3	2	2		3	2	1	4					
Portage	3	1	2	3	1	2		1	2	1		3	9				
Racine	3	2	1	3	2	1	1		2	1	1	2	24				
Richland	7	3	4	7	6	1			7			7	16				
Rock (c)	20	15	5	20	13	7	1		2	5	1	19	102				
St. Croix	9	4	5	9	6	3	1		7	2	2	7	37				
Sauk (a)	20	11	9	18	11	9	5		19	1	2	18	76				
Sheboygan (i)	11	5	6	11	6	5	2		8	3	1	10	65				
Taylor																	
Trempealeau	2		2	2	1	1			1	1		2	10				
Vernon (a)	7	3	4	7	5	2	1		5	2		7	28				
Walworth (a)	10	7	3	10	7	3			8	2		10	23				
Washington	9	5	4	9	8	1	4		7	2		9	45				
Waukesha	11	9	2	11	5	6			8	3	1	8	51				
Waupaca (a)	8	4	4	8	2	6	3		7	1		8	24				
Waushara	2	2		2	1	1	1		2			2	13				
Winnebago (d)	24	18	6	24	10	14	5	1	18	6	2	18	81				
Wood (k)																	
Total	382	229	153	380	2	236	146	70	2	1	1	286	96	35	341	1,507	20

(a.) One also deaf and dumb. (b.) One also blind. (c.) One also insane. (i.) Three also deaf and dumb. (j.) Two also deaf and dumb.
(k.) No report.

NOTE—Counties which do not appear in the above statement reported no idiotic persons.

"O."—Vote for Representatives in Congress.

APPENDIX "O."—Tabular statement of the votes given for Representatives in Congress for the several Congressional Districts in the State of Wisconsin, at the General Election held in the several towns, wards, villages and election districts in said State, on Tuesday, the fifth day of November, A. D. 1878.

FIRST DISTRICT.

COUNTIES.	Charles G. Williams.	Charles H. Parker.	Scat-ter 'g.
Kenosha	1,292	1,244	....
Racine	3,206	2,177	....
Rock	4,216	2,470	9
Walworth	3,221	1,489	10
Waukesha	2,694	2,569	2
Total	14,629	9,949	21

SECOND DISTRICT.

COUNTIES.	Lucien B. Caswell.	Romanzo E. Davis.	Horace A. Tenney.	Scat-ter 'g.
Columbia	2,500	1,834	192	1
Dane	4,554	4,207	940	2
Jefferson	2,959	2,481	296	4
Sauk	2,594	930	948	1
Total	12,607	9,502	2,376	8

THIRD DISTRICT.

COUNTIES.	George C. Hazelton.	Owen King.	Scat-ter 'g.
Crawford	1,023	1,301	2
Grant	3,245	2,660	5
Green	2,027	1,890	....
Iowa	1,861	2,272	....
La Fayette	1,885	2,080	....
Richland	1,654	1,400	....
Total	11,695	11,603	7

FOURTH DISTRICT.

COUNTIES.	Leander F. Frisby.	Peter V. Deuster.	Truman H. Judd.	F. H. Judd.	Scat-ter 'g.
Milwaukee	8,577	7,252	979	....	3
Ozaukee	778	1,681	....	146	4
Washington	1,667	2,224	226	....	1
Total	11,022	11,157	1,205	146	8

"O." — *Vote for Representatives in Congress.*

FIFTH DISTRICT.

COUNTIES.	Hiram Smith.	Edward S. Bragg.	David Giddings.	Scatter- ing.
Dodge.....	2,622	4,109	1,216	3
Fond du Lac.....	3,188	3,395	1,687	63
Manitowoc.....	1,787	2,852	29	5
Sheboygan.....	2,688	2,036	1,225	8
Total.....	10,285	12,392	4,157	79

SIXTH DISTRICT.

COUNTIES.	James V. Jones.	Gabriel Bouck.	Geo. M. Steele.	Scatter- ing.
Brown.....	2,008	2,422	674	....
Calumet.....	665	1,390	511	2
Door.....	676	252	513	....
Green Lake.....	1,089	1,108	252	....
Kewaunee.....	434	1,713	41	....
Outagamie.....	931	2,756	1,033	2
Waupaca.....	1,528	1,106	660	....
Waushara.....	1,641	479	262	....
Winnebago.....	2,776	3,123	1,198	11
Total.....	11,748	14,349	5,144	15

SEVENTH DISTRICT.

COUNTIES.	Herman L. Humphrey.	Charles D. Parker.	Scatter- ing.
Buffalo.....	1,152	544	....
Clark.....	882	827	....
Eau Claire.....	1,597	1,303	....
Jackson.....	804	839	....
La Crosse.....	1,787	1,489	5
Monroe.....	1,462	2,222	....
Pepin.....	658	323	1
Pierce.....	1,544	1,066	7
St. Croix.....	1,705	1,556	....
Trempealeau.....	1,947	993	73
Vernon.....	1,718	1,718	31
Total.....	15,256	12,880	117

“O.”—Vote for Representatives in Congress.

EIGHTH DISTRICT.

COUNTIES.	Thaddeus C. Pound.	Augustus R. Barrows.	Scat- tering.
Adams	846	380	2
Ashland	245	33	2
Barron	532	161	.....
Bayfield	145	17	.....
Burnett	158	2	1
Chippewa	1,205	1,458	.....
Douglas	52	49	.....
Dunn	1,369	835	1
Juneau	1,345	1,541	1
Lincoln	271	116	.....
Marathon	930	1,592	2
Marquette	726	1,020	.....
Oconto	1,131	966	3
Polk	725	235	.....
Portage	1,311	1,410	2
Shawano	811	623	.....
Taylor	274	77	.....
Wood	719	906	.....
Total.....	12,795	11,421	14

"P." — *Vote for Associate Justice.*

APPENDIX "P." — *Tabular statement of the votes given for Associate Justice of the Supreme Court of the State of Wisconsin at the Judicial Election held in the several towns, wards, villages and election districts in said State, on Tuesday, the first day of April, A. D. 1879:*

COUNTIES.	Orsamus Cole.	M. M. Coth- ren.	Scat.
Adams	905	130	1
Ashland	78	179	.. .
Barron	713	111	1
Bayfield	70	56	.....
Brown	2,004	1,023	.....
Buffalo	1,428	692	4
Burnett	212	67	.....
Calumet	715	1,444	1
Chippewa	601	929	6
Clark	1,148	68	.. .
Columbia	2,506	1,160	3
Crawford	1,005	1,470	.. .
Dane	4,308	3,131	13
Dodge	2,956	3,808	.....
Door	832	315	.....
Douglas	74	22	.....
Dunn	1,868	318	14
Eau Claire	1,653	990	4
Fond du Lac	3,465	3,689	2
Grant	2,486	2,800	.....
Green	1,633	1,201	2
Green Lake	1,442	891	.....
Iowa	1,039	3,044	.....
Jackson	1,465	355	8
Jefferson	2,296	1,853	.....
Juneau	1,553	736	1
Kenosha	1,346	640	.....
Kewaunee	596	1,127	.....
La Crosse	1,977	849	.....
La Fayette	1,292	2,398	.....
Lincoln	184	134	.....
Manitowoc	1,644	2,245	.....
Marathon	1,097	866	.. .
Marinette	939	12	.....
Marquette	706	618	2
Milwaukee	8,186	4,913	.....
Monroe	1,735	1,361	2
Oconto	685	59	.....
Outagamie	1,804	2,075	.....
Ozaukee	799	1,447	.....
Pepin	509	206	.....
Pierce	1,824	185	9
Polk	1,036	147	1
Portage	1,344	991	.....
Price	75	61	.....
Racine	2,984	1,088	.....
Richland	1,345	1,506	.....

"P."—*Votes for Associate Justice.*

COUNTIES.	Orsamus Cole.	M. M. Cothren.	Scat.
Rock.....	3,611	1,463	8
St. Croix.....	1,589	1,115	.....
Sauk.....	2,276	1,021	2
Shawano.....	859	282	.....
Sheboygan.....	2,427	1,141	.....
Taylor.....	317	167	.....
Tremppealeau.....	2,099	154	3
Vernon.....	2,133	806	10
Walworth.....	3,185	751	1
Washington.....	1,659	1,519	.....
Waukesha.....	2,185	2,104	2
Waupaca.....	2,081	448	1
Waushara.....	1,515	350	.....
Winnebago.....	3,701	1,986	1
Wood.....	443	838	.....
Total.....	100,692	67,554	102

TABULAR STATEMENT of the votes given for Circuit Judge of the Tenth Judicial Circuit of the State of Wisconsin, for the term ending on the first Monday of January, 1880, and for the term commencing on the first Monday of January, 1880, at the Judicial Election held in the several towns, wards, villages and election districts in said circuit, on Tuesday, the first day of April, A. D., 1879:

COUNTIES.	Term ending first Monday in January, 1880.	Term commencing first Monday in January, 1880.
	Geo. H. Myers.	George H. Myers.
Brown.....	2,658	2,551
Door.....	1,142	1,145
Marinette.....	989	989
Oconto.....	716	716
Outagamie.....	3,872	3,876
Shawano.....	872	975
Totals.....	10,249	10,252

APPENDIX "Q."—List of Corporations organized under the General Laws of the State during the year ending September 30, 1879.

NAME OF CORPORATION.	For what purpose.	Place of business.	Amount of capital.	Articles of Association filed and Patents issued.
American Red Ribbon Club....	Promoting temperance.....	Beaver Dam...	None.	Art. Ass. Dec. 18 '78
Automatic Signal Telegraph Com- of Wisconsin	Constructing and operating telegraph line	Milwaukee ...	\$25,000	" " Jan. 29, '79
Ansgar Relief Association.....	Promoting union and harmony, and aid- ing members in case of sickness.....	Fort Howard..	None.	" " Feb. 10, '79
Arcadia Mineral Springs Co.....	Conducting a hotel and selling and ship- ping mineral water.....	Arcadia	100,000	" " Feb. 12, '79
American Red Ribbon Club, of Berlin.....	Promoting temperance and maintaining a club house and reading room	Berlin.....	None.	" " Mch 17, '79
Ashland Boom and Canal Com- pany	Improving rivers, and driving, sorting, and delivering logs	Ashland.....	1,000	" " Apr. 10, '79
Badger State Creamer Co.	Manufacturing butter made by the Fair- lamb process	Mazomanie...	2,500	" " Jan. 10, '79
Black River Flooding Dam Asso- ciation	Improving the Black River and driving logs and timber.....	La Crosse	50,000	{ " " Mch 3, '79 and July 15, '79
Baker Manufacturing Company..	The manufacture and sale of wind mill's and iron pumps, and a general foundry and machinist business	Evansville.....	20,000	" " Mch 31, '79
Bonanza Silver Mining Company	Mining and trafficking in mines and mining stock	Milwaukee ...	5,000,000	Patent Oct. 29, '78
Cathedral School of the Diocese of Fond du Lac.....	Establishing and maintaining an institu- tion of learning.....	Fond du Lac ..	None.	Art. Ass. Nov. 19, '78

"Q."—Corporations Organized.

APPENDIX "Q."—List of Corporations organized under the General Laws of the State—continued.

NAME OF CORPORATION.	For what purpose.	Place of business.	Amount of Capital.	Articles of Association filed and Patents issued.
Chippewa Valley Telegraph and Telephone Co	Constructing and operating Telegraph and Telephone lines	Eau Claire	\$10,000	Art. Ass. Mar 1, '79
Crocker, H. O. Company... ..	Manufg. and selling ground coffee and spices and dealing in teas.....	Milwaukee	30,000	" " Mar 20, '79
Common Sense Literary Bureau.	Transacting business pertaining to a literary or lyceum bureau or agency..	Milwaukee	None.	" " Apr. 11, '79
Cream City Brewing Company..	Manufg. and selling beer and dealing in barley, hops, and other commodities, connected with a brewery.....	Milwaukee....	30,000	" " May 2, '79
Cornwall Hall Association	Building, owning, leasing and managing a public hall.....	Albion	800	" " Sep. 17, '79
Cumberland Temple of Honor Hall Company.....	Purchasing lots, erecting a hall and leasing the same.....	Cumberland...	700	" " Sep. 30, '79
Diamond Ink Company.....	Carrying on a general merchantile and manufacturing business.....	Milwaukee....	30,000	" " July 7, '79
Eau Claire Railway Co.....	Constructing and operating railroad.....	.....	50,000	Patent June 23, '79
Fitch Automatic Boiler Feeder Manufacturing Co	Manufg. and selling automatic feeders for steam boilers and deal'g. in P. R..	La Crosse	3,000	Art. Ass. Dec 26, '78
Fond du Lac Building Asso....	Manufg. and selling sash, doors, blinds and other articles made from lumber, and construct'g and repair'g buildings.	Fond du Lac ..	10,000	" " Jan. 7, '79
Fond du Lac Harrow Company.	Manufg and selling harrows and other agricultural implements	Fond du Lac ..	10,000	Patent Oct. 9, '78
Free Press Publishing Co.....	Editing and publishing a newspaper....	Milwaukee....	25,000	Art. Ass. Apr 11, '79
Farmers' co-operative Asso. No. 148 Patrons of Husbandry.....	Establishing and maintain'g gen'l trade in mds., farm products and machinery.	Neefe's Mill...	400	" " Apr 24, '79

"Q."—Corporations Organized.

Freeport & Dodgeville R'y Co...	Constructing and operating railroad.....	50,000	Patent	May 14, '79
Fall City Hall Company.....	Finishing and maintaining a hall.....	200	Art Ass.	June 23, '79
Fox River Driving Park Ass'n ..	Constructing and managing a driving park.....	1,000	" "	June 24, '79
Father Matthew Temperance Society of Racine.....	Promotion of temperance, friendship and mutual improvement.....	None.	" "	July 7, '79
German Evang. Lutheran Society of the town of Portland....	Forming a religious society.....	None.	" "	Dec. 24, '78
German Roman Catholic Young Men's Aid Society of Kenosha.	Mutual support of members, practicing in debating, declamation and public speaking and cultivation and practice in music.....	None.	" "	Feb. 15, '79
Germania.....	Mutual advancement, and support in case of need.....	None.	" "	April 5, '79
Granville Society for the Detection of Horse Thieves.....	Mutual protection ag'st larceny of horses	None.	" "	Apr. 24, '79
Galena & Wisconsin Railroad Co.	Owning and operating railroad.....	150,000	Patent	May 16, '79
Green Bay Schuetzen Verein....	Practice and competition in shooting, cultivation of the faculties of body and mind, promot'n of friendly intercourse	None.	Art. Ass.	July 15, '79
Gas Light Co., of Fond du Lac..	Manfg. and selling illuminating gas....	50,000	" "	Aug. 20, '79
German Benevolent Society.....	Aid to members in case of sickness and death.....	None.	" "	Sept. 20, '79
Hampdon Cheese Manufg. Ass'n.	Manufacturing cheese.....	2,000	Patent	Oct. 26, '78
Hurlbut Manufacturing Co.....	Manufacturing and vending patent locks for wagon brakes.....	5,000	Art. Ass.	Feb. 25, '79
Herman Zohrlant Leather Co....	Carrying on general tanning and currying business.....	100,000	" "	Mar. 10, '79
Hermann Joseph Rendering Co..	Constructing and operating a general rendering and slaughtering establishm't.	10,000	" "	Sept. 11, '79
Inter-Ocean Transportation Co..	A general transportation business.....	100,000	" "	Nov. 15, '78
Juda Cheese Manufg. Co.....	Manufacturing cheese.....	Not nam'd	" "	Apr. 11, '79
Kemper Hall.....	Establishment and maintenance of a school for girls and young women....	None.	" "	Sept. 4, '79

"Q."—Corporations Organized.

APPENDIX "Q."—List of corporations organized under the General Laws of the State—continued.

Name of Corporation.	For what purpose.	Place of business.	Amount of capital.	Articles of ass'n filed and patents issued.
Lima Union Grange Hall Ass....	Building and maintaining a Grange hall.	Lima	\$160	Art. Ass. Dec. 17, '78
Lodi Cornet Band	Cultivation of band music	Lodi	210	" " Jan. 27, '79
La Belle Wagon Works.....	Manuf'g wagons, carriages and sleighs .	Fond du Lac ..	200,000	" " Jan. 30, '79
Matthew Brothers Furniture Co.	Manufacturing and dealing in furniture.	Milwaukee	110,000	" " Jan. 25, '79
Milwaukee Pop. Science Society.	To encourage investigation and disseminate correct views	Milwaukee	None.	" " Jan. 27, '79
Milwaukee Distilling Co.....	Manuf'g and dealing in distilled spirits .	Milwaukee	10,000	" " Feb. 11, '79
Menomonie Driving Park Ass ...	Establishing, maintaining and managing a driving park.....	Menomonie ...	4,000	" " Feb. 12, '79
Manufacturers' Driving Co.....	Driving logs, timber and other materials.	Eau Claire ...	10,000	" " Feb. 15, '79
Milwaukee School Furniture Co.	Manufacturing and selling furniture....	Milwaukee	20,000	" " Feb. 26, '79 & July 30, '79
Mineral Pt. & Dodgeville Tel. Co.	Building and operating telegraph line .	Mineral Point .	500	" " Feb. 27, '79
Marathon Improvement Co	Improving Little Wolf river	Fond du Lac ..	6,000	" " Feb. 28, '79
Mt. Horeb Creamery Co.....	Manufacturing butter	Mount Horeb..	800	" " Mar. 7, '79
Mt. Horeb Creamery & Cheese Co.	Manufacturing cheese and butter	Mount Horeb ..	.....	" " Mar. 14, '79
Menomonie Railway Co.....	Constructing and operating railroad....	.....	100,000	Patent Apr. 8, '79
Mutual Protection Association ..	Aiding families of deceased members...	Janesville	None.	Art.Ass. Apr. 8, '79
Milwaukee Steam Supply Co....	Furn'g steam for heating & other purp's.	Milwaukee .. .	150,000	" " Apr. 10, '79
Menomonie Mill Co.....	Building and oper'g a flour'g & feed mill.	Menomonie ...	25,000	" " Apr. 16, '79
Mineral Mountain Mining Co... .	Mining and trafficking in min'g prop'ty.	Milwaukee	1,000,000	" " May 20, '79
Menasha & Appleton Railway Co.	Constructing and operating railroad .....	.....	150,000	Patent July 12, '79
Milwaukee School of Midwifery.	Estab'g and maint'g a sch'l of midwifery.	Milwaukee	None.	Art.Ass. Aug. 1, '79
Milwaukee Telephone Exch. Co.	Build'g telephone lines and leas'g instr's.	Milwaukee	20,000	" " Aug. 7, '79
Northwestern Manufacturing Co.	Manufacturing and dealing in wagons, buggies and vehicles of every kind ...	Fort Atkinson .	250,000	" " July 14, '79
National Furnace Co	Mining, manf'g and marketing pig iron .	De Pere	80,000	" " Dec. 20, '78
Neenah and Menasha Gas Co....	Manufacturing and selling gas.....	Neenah & Men.	15,000	" " Apr. 17, '79

"Q."—Corporations Organized.

Northern Wisconsin Masonic Mutual Benefit Ass	Mutual relief and benefit of families and friends of deceased members'	Arcadia	None.	Art. Ass. July 19, '79
Natural History Society of Wisconsin	Establishing and collecting objects in Natural History	Milwaukee	None.	" " Aug. 7, '79
Princeton Turn Verin	Phys. development and gymn. exercises.	Princeton	None.	{ " " Nov. 15, '78
Palmyra Vigilance Society	Protection against and detection of horse thieves	Palmyra	None.	{ " " Dec. 10, '78
Paragon Manuf'g Co.	Carrying on general manuf'g business..	Waukesha	\$3, 800	" " Jan. 31, '79
Portage and Colorado Mining Co.	Mining and trafficking in mining property	Portage	4, 000	" " Mar. 18, '79
Portage & Freeport Railroad Co.	Constructing and operating railroad .....	.....	1, 000, 000	" " Mar. 25, '79
Park City Water Co	Constructing and maintaining artesian wells and conveying water for profit ..	Kenosha	10, 000	Patent Aug. 7, '79
Red Wing and Trenton Transit Company	Constructing and operating 'a turnpike and plank road	Red Wing	50, 000	Art. Ass. Sep. 16, '79
Red Cedar River Improvement and Log Driving Co	Improving Red Cedar river, and driv'g, sorting and delivering logs and timber.	Menomonie	50, 000	" " Feb. 26, '79
Red Cedar River Improvement Company	Improving Red Cedar river, and driv'g, sorting, and delivering logs and timber.	Red Cedar Falls	5, 000	" " Mar. 11, '79
St. Finbars Tot. Ab. & Lit. Soci'ty	Advancement of science, literature and temperance	Saukville	None.	" " Mar. 27, '79
Sheboygan Laborers' Mutual Benevolent Association	Mutual support of members and their families in case of sickness, misfortune, poverty or death	Sheboygan	None.	" " Dec. 5, '78
San Juan Consolidated Mining and Milling Co.	Mining and milling in the state of Col.	Madison	250, 000	" " Mar. 20, '79
Stevens Point Library Associ'n	Cultivation and advancement of science, literature and art	Stevens Point..	None.	" " Apr. 3, '79
Scandinavian Publishing Company	Publishing a newspaper and doing job printing and book binding	Milwaukee	4, 000	" " Apr. 19, '79
Salutaris Mineral Spring Company	Leasing mineral spring and introducing and disposing of mineral water	Lodi	1, 000	" " Apr. 21, '79
St. P. & C. Short Line R'y Co ...	Constructing and operating railroad .....	.....	2, 000, 000	" " May 9, '79
St. John's Catholic Benevolent and Literary Association	Mutual assistance to members in case of sickness or death, aid to widows and orph's and diffus. of Catholic literature	Portage	None.	Patent May 17, '79
				Art. Ass. June 5, '79

"Q." — Corporations Organized.

APPENDIX "Q." — *List of corporations organized under the General Laws of the State — continued.*

NAME OF CORPORATION.	For What Purpose.	Place of Business.	Amount of Capital.	Articles of Association filed and Patents issued.
Southern Minnesota Millers' Association	Purchasing, shipping, storing, and selling wheat and other farm products	La Crosse	\$5,000	Art. Ass. July 1, '79.
St. Paul Eastern Gr. Tr. R. R. Co.	Constructing and operating railroad.....	.....	3,500,000	Patent Sept. 5, '79.
Tomah & Lake Superior R'y Co.	Constructing and operating railroad.....	.....	100,000	" Oct. 29, '78.
Union Agricultural and Mechanical Society of Ettrick.....	Advancement of Ag., Hort., Pomology, Mech. and Household arts.....	Ettrick.....	None.	Art. Ass. Mch. 31, '79
Union Cheese Association.....	Manuf'y of Cheese and other dairy prod.	Emmett.....	None.	" " Apr. 5, '79.
United States Hand in Hand Society	Mutual support of members and their families	Milwaukee....	None.	{ " " June 25, '79 & Sept. 1, '79.
Vernon Lodge No. 34, A. O. U. W.	Improve't of the moral, mental, and soc'l condition and mut'l sup'rt of members.	De Soto	None.	" " Jan. 28, '79
Van Dyne Cheese Factory Ass... Veteran Club of the City of Madison	Manufacturing cheese.....	Van Dyne.....	None.	" " Apr. 22, '79
Whitewater Park Association ...	Mutual support of members and their families in case of sickness, misfortune, poverty or death	Madison	None.	" " May 29, '79
Wm. P. McLaren Company.....	Maintaining a public park.....	Whitewater....	\$400	" " Dec. 28, '78
Wisconsin Phonological Institute for Deaf Mutes.....	Buying and selling grain, produce and other personal property	Milwaukee....	\$100,000	{ " " Jan. 2, '79 & Jan. 7, '79
Waubeek Manufacturing, Booming & Transportation Company	Establishing and maintaining an institution of learning for deaf mutes.....	Milwaukee....	None.	" " Jan. 24, '79
	Improving river and driving, booming, sorting and delivering logs and timber.	Menomonie....	\$10,000	" " Mch. 11, '79

"Q." — Corporations Organized.

"Q."—Corporations Organized.

Western Coaline Company.....	Making and selling coaline	Beaver Dam....	\$2,400	Art. Ass. Mar. 31, '79
Wm. Bergentahl Company.....	Distilling and rectifying business.....	Milwaukee	100,000	" " May 1, '79
Wausau Lumber Company	A general lumbering business	Wausau	20,000	" " May 14, '79
Washington Fire Engine Co. No. 1. of Hanford, Wis.....	Aiding and assisting in the extinguish- ment of fires.....	Hanford.....	None.	" " Jun. 18, '79
Welsh Calvinistic Methodists of Wisconsin	Aiding candidates for the christian min- istry	Racine	None..	" " July 8, '79
Wisconsin & Minnesota R. R. Co.	Constructing and operating railroad .....	.....	2,000,000	Patent Aug. 7, '79
Wisconsin Single Lever Lock Company.....	Manufacturing and dealing in single lever locks for wagon brakes	Racine	2,500	Art. Ass. Sep. 18, '79
Wisconsin Cranberry Company..	The purchase, working and improve- ment of cranberry lands, and cultiva- tion, purchase and sale of cranberries.	Madison	50,000	" " Sep. 9, '79

"R."—Marriages, Births and Deaths.

APPENDIX "R."—Abstract of Marriages, Births and Deaths reported, recorded and indexed in the office of the Secretary of State, for the year ending December 31, 1878.

COUNTIES.	Marriages.	Births.	Deaths.	COUNTIES.	Marriages.	Births.	Deaths.
Adams.....	59	56	15	Lincoln.....	10	9	1
Ashland.....	15	7	6	Manitowoc.....	245	715	115
Barron.....	29	29	1	Marathon.....	115	246	57
Bayfield.....	3	.....	.....	Marquette.....	58	24	11
Brown.....	189	778	145	Milwaukee.....	1,077	3,204	1,046
Buffalo.....	130	150	55	Monroe.....	160	59	13
Burnett.....	14	234	46	Oconto.....	120	66	41
Calumet.....	102	7	4	Outagamie.....	177	1,090	206
Chippewa.....	82	73	35	Ozaukee.....	100	127	34
Clark.....	88	62	28	Pepin.....	59	33	19
Columbia.....	226	551	56	Pierce.....	157	39	5
Crawford.....	147	82	28	Polk.....	80	89	18
Dane.....	400	143	138	Portage.....	141	110	11
Dodge.....	281	181	50	Racine.....	237	359	143
Door.....	65	59	33	Richland.....	162	166	34
Douglas.....	5	.....	3	Rock.....	350	307	79
Dunn.....	147	170	42	St. Croix.....	183	120	30
Eau Claire.....	192	150	24	Sauk.....	198	203	66
Fond du Lac.....	208	221	24	Shawano.....	71	6	.....
Grant.....	336	283	65	Sheboygan.....	281	119	40
Green.....	222	135	39	Taylor.....	16	19	3
Green Lake.....	112	72	46	Trempealeau.....	140	132	19
Iowa.....	165	79	30	Vernon.....	174	78	38
Jackson.....	120	92	21	Walworth.....	246	198	49
Jefferson.....	276	240	51	Washington.....	167	330	43
Juneau.....	120	52	7	Waukesha.....	174	154	88
Kenosha.....	114	142	66	Waupaca.....	154	85	38
Kewaunee.....	88	207	35	Waushara.....	93	59	20
La Crosse.....	278	332	59	Winnebago.....	290	130	41
La Fayette.....	151	102	22	Wood.....	47	51	18
Total.....	.....	.....	.....	.....	9,846	13,016	3,500

APPENDIX "S."—Statistics of Prosecutions for Criminal Offenses in the Several Counties of the State for the year ending December 31, 1878, as reported to the Governor by the Clerks of Courts having criminal jurisdiction, under the provisions of Section 1020 of the Revised Statutes.

COUNTIES.	Prosecutions for Murder.							Prosecutions for crimes other than murder, punishable by confinement in State Prison.							Prosecutions for offenses punishable less severely than by confinement in State Prison.							Total.	
	Number of convictions upon trial by jury.	Number of acquittals upon trial by jury.	Number of convictions before a magistrate without jury.	Number of acquittals before a magistrate without jury.	Number of prosecut'ns in which defendant pleaded guilty.	Number of prosecut'ns in which a <i>nolle prosequi</i> was entered.	Number of prosecutions begun and not disposed of.	Number of convictions upon trial by jury.	Number of acquittals upon trial by jury.	Number of convictions before a magistrate without jury.	Number of acquittals before a magistrate without jury.	Number of prosecut'ns in which defendant pleaded guilty.	Number of prosecut'ns in which a <i>nolle prosequi</i> was entered.	Number of prosecutions begun and not disposed of.	Number of convictions upon trial by jury.	Number of acquittals upon trial by jury.	Number of convictions before a magistrate without jury.	Number of acquittals before a magistrate without jury.	Number of prosecut'ns in which defendant pleaded guilty.	Number of prosecut'ns in which a <i>nolle prosequi</i> was entered.	Number of prosecutions begun and not disposed of.		
Adams												1											2
Ashland								3				1											4
Barron															4	5							10
Bayfield																							1
Chippewa	3							1							1					3		1	11
Clark								1							2					2			11
Columbia								12	2			3										2	32
Crawford								2	1						2							2	11
Dane								13	3			19	7		4	10	75					11	357
Dodge								20	4			3	4		7	25						8	108

"S."—Prosecutions for Criminal Offenses.

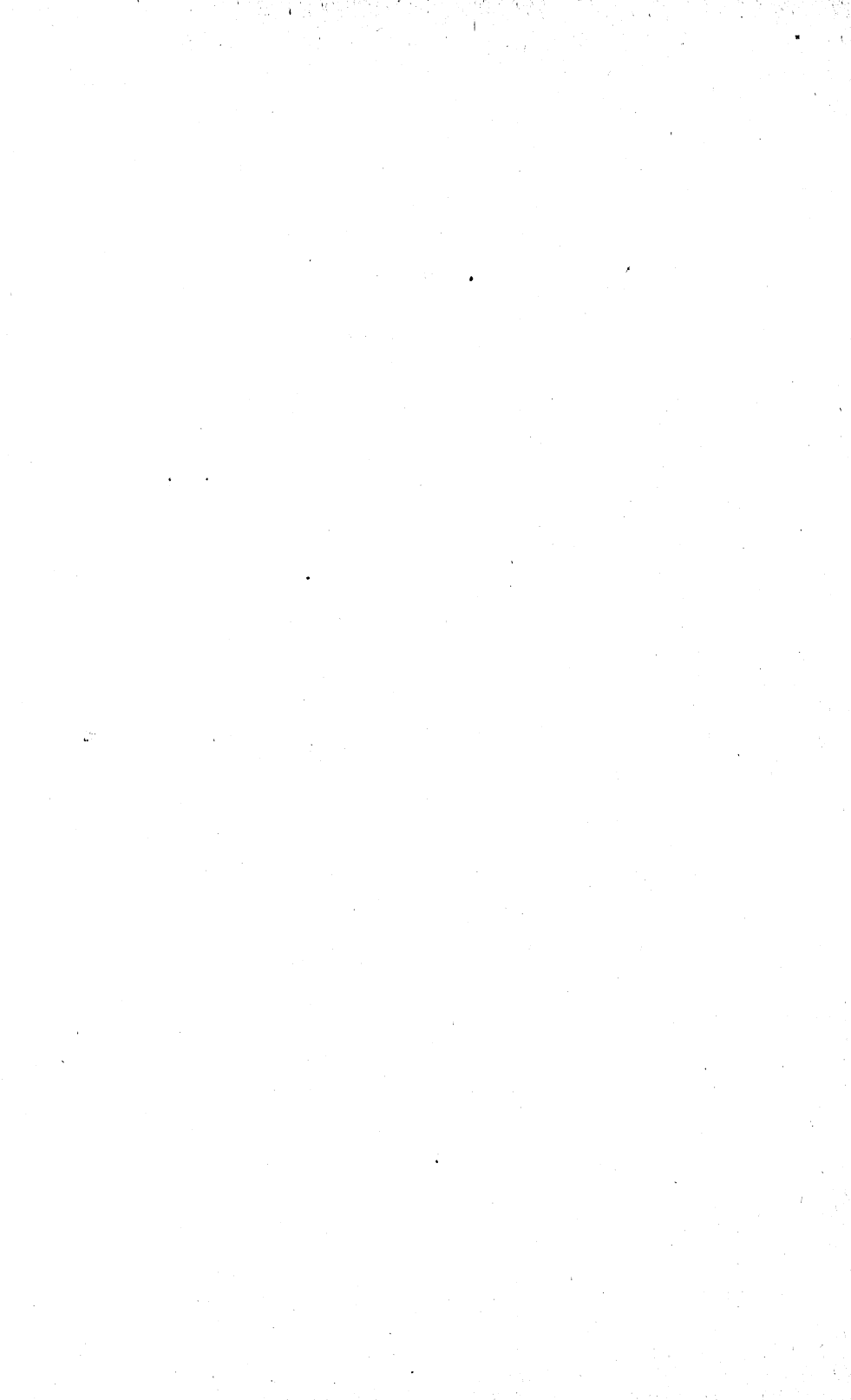
APPENDIX "S."—Prosecutions for Criminal Offenses in the Several Counties of the State for the Year 1878.—Continued.

COUNTIES.	Prosecutions for murder.							Prosecutions for crimes other than murder punishable by confinement in State Prison.							Prosecutions for offenses punishable less severely than by confinement in State Prison.							Total.	
	Number of convictions upon trial by jury.	Number of acquittals upon trial by jury.	Number of convictions before a magistrate without jury.	Number of acquittals before a magistrate without jury.	Number of prosecu'tns in which defendant pleaded guilty.	Number of prosecu'tns in which a <i>nolle prosequi</i> was entered.	Number of prosecutions begun and not disposed of.	Number of convictions upon trial by jury.	Number of acquittals upon trial by jury.	Number of convictions before a magistrate without jury.	Number of acquittals before a magistrate without jury.	Number of prosecu'tns in which defendant pleaded guilty.	Number of prosecu'tns in which a <i>nolle prosequi</i> was entered.	Number of prosecutions begun and not disposed of.	Number of convictions upon trial by jury.	Number of acquittals upon trial by jury.	Number of convictions before a magistrate without jury.	Number of acquittals before a magistrate without jury.	Number of prosecu'tns in which defendant pleaded guilty.	Number of prosecu'tns in which a <i>nolle prosequi</i> was entered.	Number of prosecutions begun and not disposed of.		
Door																							11
Dunn							1	2						2	3								13
Eau Clair							1	3						3									23
Fond' Lac								1															20
Grant		1						2															56
Green	1							2															16
Gr'n Lake							1	1						2									22
Iowa							2	1						10	3								13
Jackson								3						2	1								19
Jefferson	1							2			10			2			9						123
Juneau								1						3									8
Kenosha														3									12
Kewaunee								1						2									3

"S."—Prosecutions for Criminal Offenses.

"S" — Prosecutions for Criminal Offenses.

La Crosse...						2	4	3		3	2		2		33		3	5	3	58		
La Fayette							2				2		3				1	5	2	17		
Manitow'c	1									7	2								1	11		
Marathon										1	7				1	1				11		
Marquette							1			1	2									5		
Milwa'kee						22	7	2		31	8	13	3	6	1909	414	718	42	25	3200		
Monroe...	2					2				10	1	5	2				1	3	1	27		
Oconto...						2					1									4		
Out'gamie							1			1	4								1	11		
Ozaukee...												2					1			3		
Pepin...											5			1	2		3			11		
Pierce...						1	2			1		4			1		2			14		
Polk...											5	1	1						1	8		
Portage...																	1			1		
Racine...	1				1	4	2			4	2						1			18		
Richland							1				4				4		1	2	4	16		
Rock...	1				1	6	7			6		5	3	2	132		10	6	5	184		
St. Croix											2	5	1							17		
Sauk...	1				1	2					2	2	1	1					5	16		
Shawano					1															1		
Sheboyg'n						1	4			5	1	10		1				1	4	27		
Taylor...						3														3		
Trem'leau	1						3	3		3	1	3					1	2	3	20		
Vernon...											1	2	2	2				5		13		
Walworth						1	3	2		6	1	4	3				4	5	1	30		
Wasn'gton										1										1		
Waukesha						4							2	3			1	1	7	19		
Waupaca							2			2		5		3			2	3	1	18		
Waushara						1				3	2	3	1					2		12		
Winne'go	1					3	2			3	3		1	1				6		21		
Wood.....						1		2				2								5		
Total...	10	4				1	9	117	74	13	13	129	76	148	84	50	2291	460	931	141	138	4689



REPORT

OF THE

COMMISSIONERS OF PUBLIC PRINTING.

OFFICE OF COMMISSIONERS OF PUBLIC PRINTING,
MADISON, October 10, 1879.

To His Excellency, WM. E. SMITH,
Governor of the State of Wisconsin:

Sir: We have the honor to submit our Annual Report for the fiscal year ending September 30, 1879.

Nothing but the most ordinary duties have engaged the attention of the Commissioners during the past year. No new contracts, except for the purchase of paper, have been entered into, and all contracts now in force are being satisfactorily fulfilled. The prices for paper and printing are notably less than have ever before been paid by the State; so that, notwithstanding the fact that the amount of printing has recently been considerably increased, by legislative enactment principally, the aggregate ordinary expense for these items do not vary materially from that of former years, as may be seen by reference to the following statement:

Cost of paper, printing and binding for 1875.....	\$36,704 36
Cost of paper, printing and binding for 1876.....	35,867 94
Cost of paper, printing and binding for 1877.....	38,157 32
Cost of paper, printing and binding for 1878.....	36,799 15
Cost of paper, printing and binding for 1879.....	34,852 21

In 1878 the printing of the Revised Statutes was extraordinary, and the cost of the same is, therefore, deducted from the expense of that year.

Revised Statutes.

The printing contract of Messrs Carpenter & Tenney, made in 1876, and assigned by them to J. B. Norton, who secured the fulfillment of the same by the Madison State Journal establishment, expired December 31, 1878, since which time the work has been done by Gen. David Atwood, who was awarded the contract at the letting of June 1, 1879.

PUBLISHING AND ADVERTISING.

The expense for publishing and advertising during the past year has been as follows:

Publishing General Laws in State paper.....	\$16,270 40
Publishing Local Laws in Local papers.....	429 60
Advertising sale of forfeited State lands.....	1,169 07
Publishing Proclamations, etc.....	530 39
Total.....	<u>\$18,399 46</u>

REVISED STATUTES.

The printing and delivery of the Revised Statutes, within the time prescribed by law, were beset with grave difficulties which threatened delay, but the exercise of perseverance, and the harmonious co-operation of those concerned in the issuance of the book, produced the desired result. The work of General Atwood, State Printer, was excellently and satisfactorily executed, and the edition delivered and an acceptance of the same filed in the office of the Secretary of State by the persons appointed to supervise the printing, as contemplated by section one, chapter three, laws of the extra session of 1878. The first-class paper used, the good taste displayed in the typographical arrangement, and the substantial binding of the book, afford opportunity for congratulation that our young and thriving State is thus enabled to exhibit a volume of its revised laws, the work wholly done within its borders, equal in all the aboved named points to like publications of any other state in the Union, and superior to most of them.

The cost of the Revised Statutes, reckoning all legitimate expenses from 1875, when the revision was ordered by the legislature, to the time of its delivery to the state in printed volumes, is shown by the following exhibit:

Cost of Printing and Paper.

Cost of revising in 1875.....	\$1,655 00	
Cost of revising in 1876	6,815 00	
Cost of revising in 1877.....	9,967 00	
Cost of revising in 1878.....	10,659 13	
		\$29,296 13
Cost of advertising for bids to furnish paper...		11 40
Cost of paper.....		8,757 94
Cost of printing, binding, etc.....		25,155 06
Cost of extra session of legislature.....		6,355,04
		<hr/>
Total cost		\$69,575 54

GEOLOGICAL REPORT.

During the past fiscal year the state printer has printed and delivered to the state, fifteen hundred copies of Volume II. of the final report of the Geological Survey, in accordance with the provisions of section one, chapter one hundred and forty-five, laws of 1878. Two additional volumes of the final report are now in press, and will soon be published, under the direction of the chief geologist.

COST OF PRINTING AND PAPER.

The following is a statement of the amount paid for printing, ruling and binding, and the cost of paper used, during the past fiscal year:

Description of Work.	Cost of printing, ruling & binding.	Cost of paper.	Total cost.
Session Laws, 1879.....	\$2,518 99	\$1,446 00	\$3,964 99
Blue Book (two editions).....	4,699 90	733 50	5,433 40
For Legislature.....	3,253 28	674 56	3,927 84
For State Agricultural Society.....	1,538 30	672 00	2,260 30
For State Historical Society.....	896 31	264 17	1,160 48
For State Horticultural Society.....	32 89	13 25	46 14
For State Dairymen's Association....	147 79	93 90	241 69
Geol. Surv. Vol. 2, final rept. (2d Ed.)..	731 20	1,155 00	1,886 20
Revised Statutes	26,501 71	8,757 94	35,259 65
Reports and Miscellaneous printing for State Departments.....	11,938 48	3,992 69	15,931 17
Total.....	\$52,308 85	\$17,803 01	\$70,111 86

Purchase of Paper.

PURCHASE OF PAPER.

The following described papers have been received for use of the State during the past fiscal year:

First Class.

1218 reams 19 quires S. and S. C. 80 lb book, 30x45 ...	8 94-100 cts per lb.
1200 reams book paper, 25x38 inches, weighing 50 pounds per ream.....	6 89-100 cts per lb.
84 reams sized and super calendered book paper 21x32 inches, weighing 40 pounds to the ream..	10 37-100 cts per lb.
40 reams print paper, 25x38 inches, weighing 40 pounds to the ream.....	6 45-100 cts per lb.

Second Class.

8000 sheets Crane's No. 29 glazed bond paper, 17x22 inches.....	\$25 00 per M sheets.
50 reams record medium, 18x23 inches, weighing 40 pounds per ream.....	20 cts per lb.
20 reams granite cover, 20x15 inches, weighing 40 pounds per ream.....	11 25-100 cts per lb.
50 reams extra wove folio post, 17x22 inches, weighing 28 pounds per ream	13 25-100 cts per lb.
200 reams extra wove double flat cap, 17x28 inches weighing 28 pounds per ream.....	13 25-100 cts per lb.
20 reams extra wove double flat cap, 17x28 inches, weighing 36 pounds per ream.....	13 25-100 cts per lb.

The following described papers were contracted for September 3, 1879, but not having been delivered at this date, are not included in the statement of paper received during the year:

First Class.

	<i>Cts. per lb.</i>
1,400 reams sized and super-calendered book paper, 25x38 inches, weighing 60 pounds per ream, at.....	08.45
170 reams sized and super-calendered book paper, 21x32 inches, weighing 40 pounds to the ream, at.....	08.45
30 reams print paper, 25x38 inches, weighing 40 pounds to the ream, at.....	6

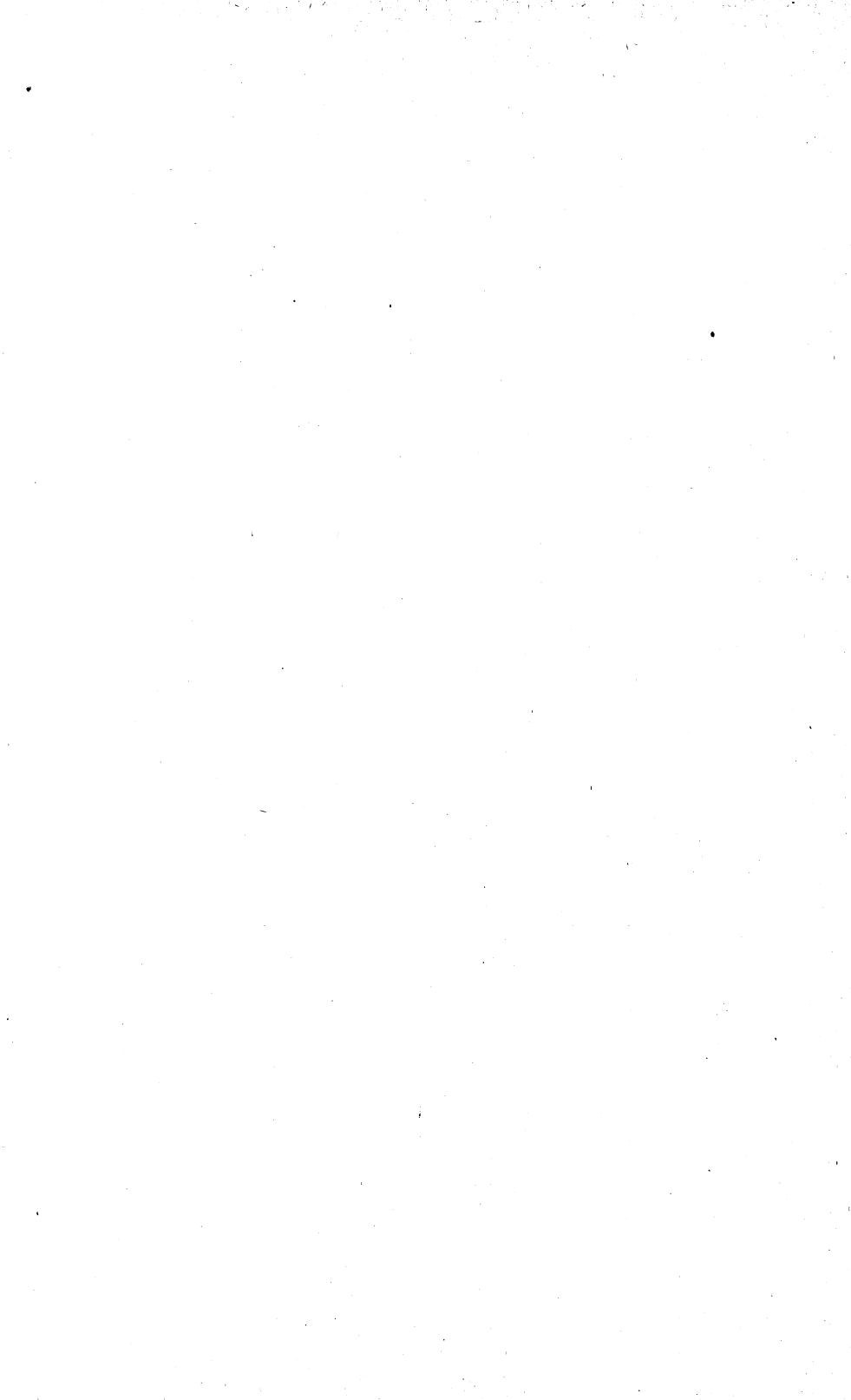
Second Class.

53 reams record medium, 18x23 inches, weighing 40 pounds per ream, at.....	25 $\frac{1}{8}$
40 reams granite cover, 20x25 inches, weighing 40 pounds per ream, at.....	10 $\frac{3}{8}$
200 reams extra wove double flat cap, 17x28 inches, weighing 28 pounds per ream, at.....	10.79
20 reams extra wove double flat cap, 17x28 inches, weighing 36 pounds per ream, at.....	<u>10.79</u>

Purchase of Paper.

There remained after printing the Revised Statutes, an overplus of 700 quires of book paper, 30 x 45 inches, and 71 quires of book paper 37 x 42 inches in size. These are unusual sizes, and were not likely to have been of any use to the state in that condition. We have therefore caused them to be cut down to the dimensions of double flat cap, which can be used in legislative and miscellaneous state printing, the amount of this size thus derived being fifty reams.

HANS B. WARNER, *Secretary of State,*
RICHARD GUENTHER, *State Treasurer,*
ALEX. WILSON, *Attorney General,*
Commissioners of Public Printing.



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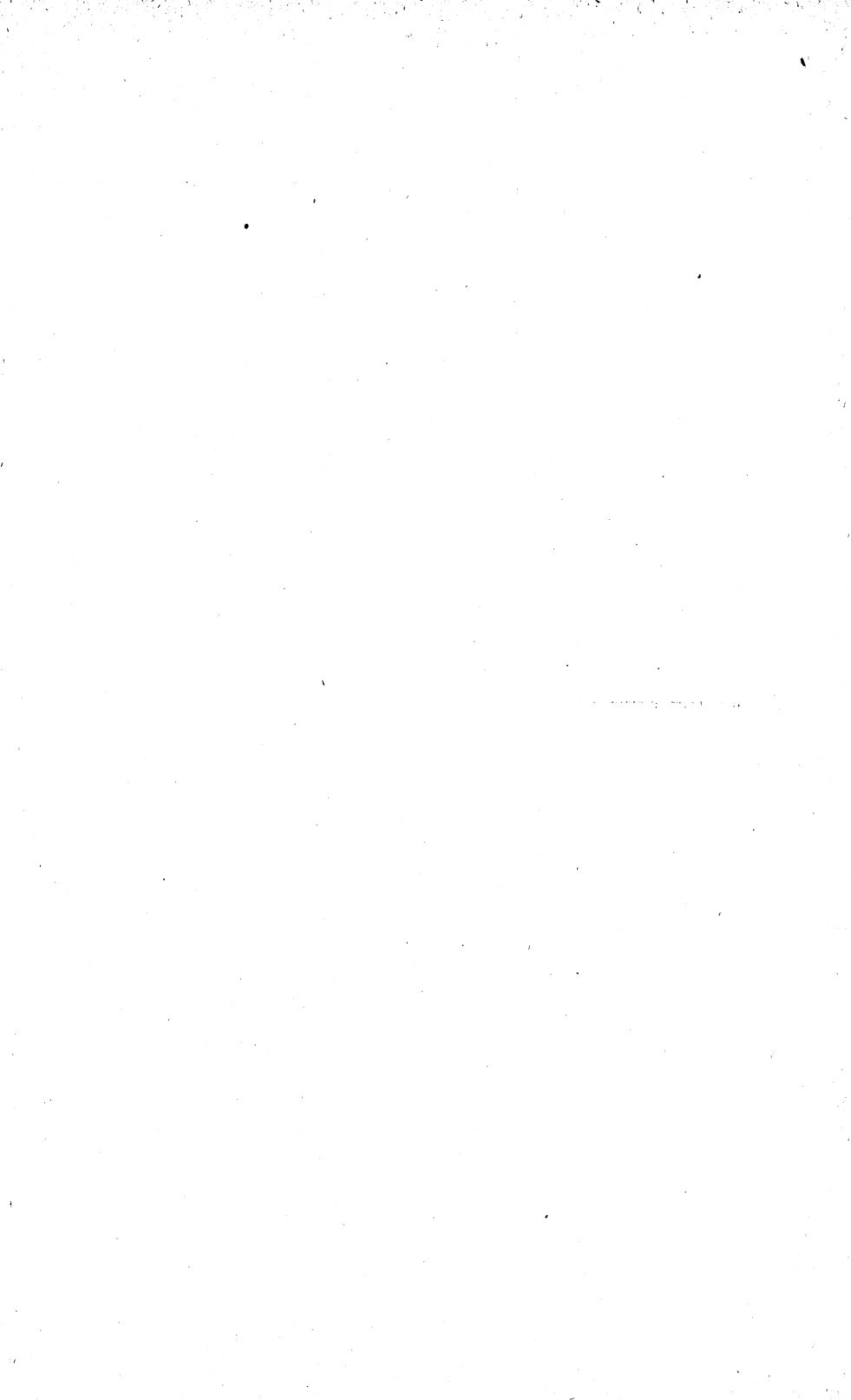
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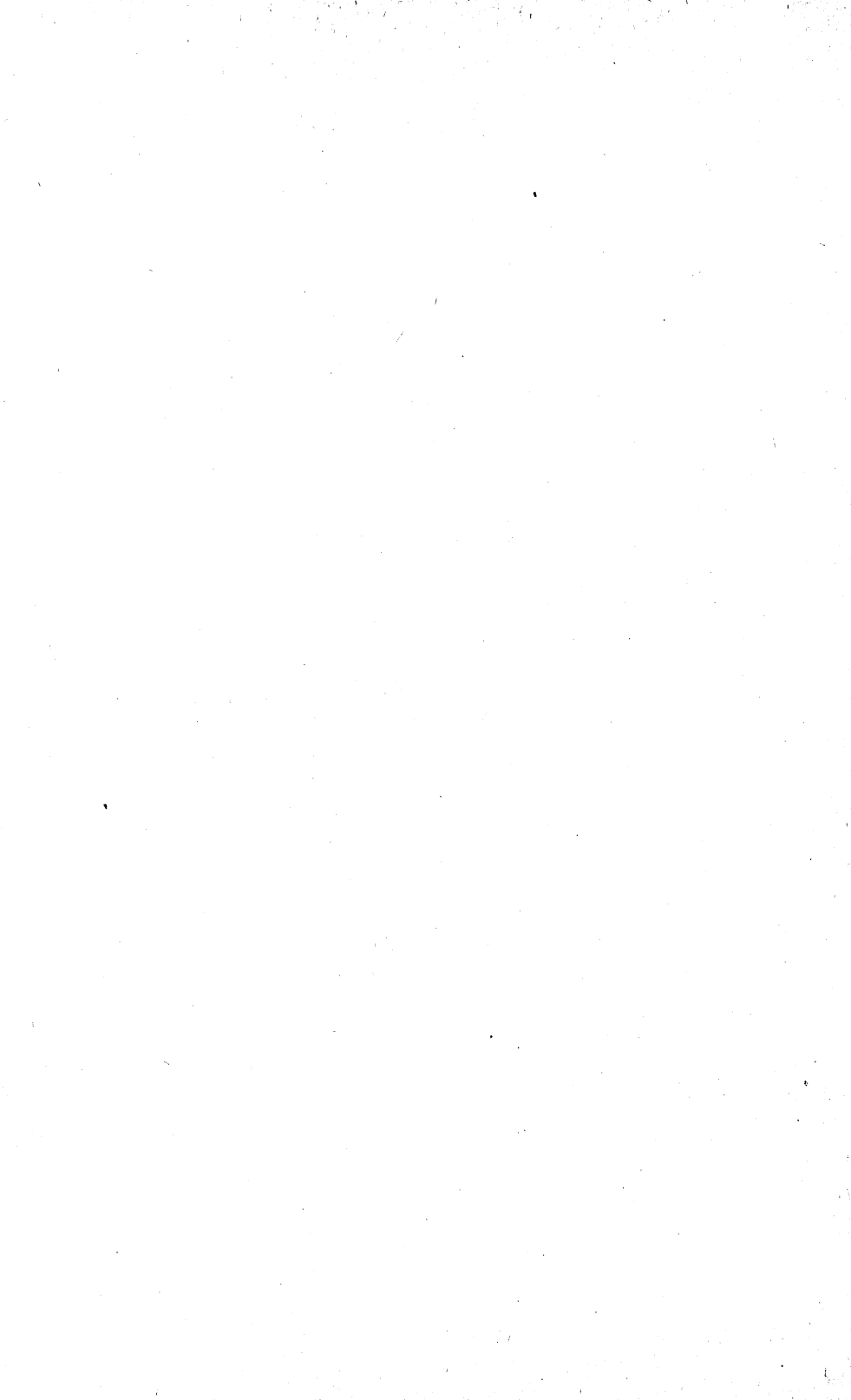
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ANNUAL REPORT
OF THE
STATE TREASURER
OF THE
STATE OF WISCONSIN.
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.

OFFICE OF STATE TREASURER,

MADISON, October 10, 1879.

To His Excellency, WILLIAM E. SMITH,

Governor of the State of Wisconsin:

SIR: In accordance with the requirements of law, I have the honor respectfully to submit herewith the annual report of the receipts and disbursements of this office during the fiscal year ending September 30, 1879, exhibiting a full statement of the financial transactions of this department, and including also a detailed statement of the operations of the bank department.

Balance sheet of year's transaction.

RECEIPTS AND DISBURSEMENTS.

The balance to the credit of the different funds, at the commencement of the fiscal year, October 1, 1879, were as follows:

General Fund.....	\$79,055 98	
School Fund.....	58,823 70	
School Fund Income.....	13,131 90	
Normal School Fund.....	33,290 88	
University Fund.....	8,843 03	
Agricultural College Fund.....	12,338 93	
Drainage Fund.....	5,651 55	
Delinquent Tax Fund.....	3,219 45	
Deposit Fund.....	7,782 76	
St. Croix & L. Sup. R. R. Trespass Fund.....	169,764 73	
St. Croix & L. Sup. R. R. Deposit Fund.....	8,264 60	
Sturgeon Bay & Lake Michigan Canal Fund.....	209 08	
North Wisconsin Railroad Aid Fund.....	1,907 86	
Green Bay & Minnesota Railroad Aid Fund.....	37 97	
Allotment Fund.....	965 87	
	<hr/>	\$403,288 29

The receipts of the treasury during the past year,

including the above balance, amount to.....	\$2,215,971 09
And the disbursements to.....	1,620,146 49
	<hr/>
Leaving in the Treasury the sum of.....	\$588,824 60

To the credit of the following funds —

General Fund.....	\$273,281 49	
School Fund.....	34,435 45	
School Fund Income.....	19,229 61	
Normal School Fund.....	23,948 25	
University Fund.....	5,812 60	
Agricultural College Fund.....	36,248 22	
Drainage Fund.....	5,049 76	
Delinquent Tax Fund.....	1,943 52	
Deposit Fund.....	7,540 20	
St. Croix & L. Sup. R. R. Trespass Fund.....	172,774 71	
St. Croix & L. Sup. R. R. Deposit Fund.....	7,564 60	
Allotment Fund.....	965 87	
Redemption Fund.....	30 32	
Total, as above.....	<hr/>	\$588,824 60

Revenues Received and Disbursed.

The following statement exhibits the gross amount of the revenues of the state, and the several funds, and the disbursements thereof.

RECEIPTS.

For General Fund.....	\$1,249,338 02	
School Fund	89,585 10	
School Fund Income	188,702 98	
Normal School Fund	43,407 37	
Normal School Fund Income	81,588 32	
University Fund.....	11,976 00	
University Fund Income.....	66,750 97	
Agricultural College Fund	24,409 29	
Agricultural College Fund Income	16,199 29	
Drainage Fund	11,408 30	
Delinquent Tax Fund.....	16,710 29	
Deposit Fund.....	121 65	
Redemption Fund.....	404 14	
St. Croix & L. S. R. R. Trespass Fund....	8,481 08	
Green Bay & Minn. R. R. Aid Fund	3,600 00	
Total Receipts.....		\$1,812,682 80
Balance October 1, 1879.....		403,288 29
Grand Total.....		<u><u>\$2,215,971 09</u></u>

DISBURSEMENTS.

From General Fund.....	\$1,055,112 51	
School Fund	113,973 35	
School Fund Income.....	182,605 27	
Normal School Fund	52,750 00	
Normal School Fund Income.....	81,588 32	
University Fund.....	15,006 43	
University Fund Income.....	66,750 67	
Agricultural College Fund	500 00	
Agricultural College Fund Income.....	16,199 29	
Drainage Fund	12,010 09	
Delinquent Tax Fund.....	17,986 22	
Deposit Fund.....	364 21	
Redemption Fund	373 82	
St. Croix & L. S. R. R. Trespass Fund ..	5,471 10	
St. Croix & L. S. R. R. Deposit Fund....	700 00	
Sturgeon Bay & Lake Mich. Canal Fund	209 08	
North Wisconsin R. R. Aid Fund.....	1,907 86	
Green Bay & Minn. R. R. Aid Fund	3,637 97	
Total Disbursements.....		\$1,627,146 49
Leaving in the Treasury, Sept. 30, 1879.....		588,824 60
Total as above.....		<u><u>\$2,215,971 09</u></u>

Revenues Received and Disbursed.

GENERAL FUND.

The revenue for the year has been derived from the following sources:

RECEIPTS.

State tax including tax raised from counties for the support of the State University, insane asylums and Industrial School for Boys.....	\$777, 183 65	
Suit tax	6, 210 11	
Railway companies	395, 886 46	
Telegraph companies	2, 619 00	
Insurance companies, fire.....	33, 992 03	
Insurance companies, life	11, 780 73	
Plank and gravel roads.....	96 80	
Peddler's and show licenses	6, 818 72	
Penalty for non-payment of interest on state and mortgaged lands	3, 126 35	
Penalty for trespass on state lands	60 83	
Secretary of State, ordinary fees collected.....	438 56	
“ “ notary fees collected	1, 228 00	
Commissioners of public lands, fees collected....	1, 216 96	
Sale of Marathon county lands	211 69	
Sundries.....	8, 468 13	
Total receipts.....		<u>\$1, 249, 338 02</u>

DISBURSEMENTS.

SALARIES AND PERMANENT APPROPRIATIONS.

Executive office.....	7, 600 00	
Secretary of State's office.....	7, 000 00	
State Treasurer's office	7, 000 00	
Attorney General's office	5, 000 00	
State Superintendent's office.....	5, 650 00	
Superintendent Public Property's office.....	1, 999 99	
Supreme Court.....	30, 258 75	
Circuit Courts	36, 000 00	
Historical Society.....	8, 520 00	
State Library	3, 824 44	
State Board of Charities and Reform.....	2, 549 65	
State Board of Health.....	4, 040 98	
State Board of Immigration	1, 482 54	
Fish Commission	5, 000 00	
Railroad Commission	4, 918 80	
Protecting state lands.....	4, 661 01	
Tax for University	41, 310 30	
School fund income.....	7, 088 36	
Interest on state indebtedness.....	157, 560 34	
		<u>\$341, 464 82</u>

Revenues Received and Disbursed.

GENERAL FUND—continued.

LEGISLATIVE EXPENSES.

Extra session of 1878.....	\$21 00	
Regular session of 1879.....	84,280 61	
		\$84,801 61

STATE BENEVOLENT INSTITUTIONS.

Hospital for Insane, Madison.....	\$138,341 24	
Northern Hospital for Insane, Oshkosh.....	117,463 03	
Institute for the Blind.....	19,380 00	
Institute for the Deaf and Dumb.....	30,000 00	
Industrial School for Boys.....	61,350 00	
Industrial School for Girls.....	11,346 00	
Soldiers Orphan's Home.....	535 45	
		\$378,815 72

COUNTY AGRICULTURAL SOCIETIES.

Aggregate paid to counties.....	\$5,700 00	\$5,700 00
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CLERK HIRE.

Secretary of State's Office.....	\$10,980 00	
State Treasurer's Office.....	6,815 00	
Superintendent of Public Property's Office....	1,500 00	
Land Department.....	13,399 00	
		32,694 00

SPECIAL APPROPRIATIONS.

Special appropriations.....		33,481 02
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MISCELLANEOUS.

Aggregate.....		178,484 37
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REFUNDED.

Aggregate.....		170 97
Total disbursements.....		\$1,055,112 51

RECAPITULATION.

Balance in fund, October 1, 1878.....	\$79,055 98	
Receipts.....	1,249,338 02	
Total.....		\$1,328,394 00
Disbursements.....	\$1,055,112 51	
Balance, September 30, 1879.....	273,281 49	
Total.....		\$1,328,394 00

Investment of Trust Funds.

The amounts due the several charitable and other institutions of this state, on account of appropriations made to them in 1879, are as follows:

Wisconsin Hospital for Insane, Madison.....	\$9,933 88
Northern Hospital for Insane, Oshkosh.....	27,972 28
Institute for the Blind.....	6,735 00
Institute for the Deaf and Dumb.....	12,500 00
Industrial School for boys.....	15,619 25
Total.....	\$72,760 41

 STATE INDEBTEDNESS.

The debt of the state amounts to and is classified as follows:

To School Fund.....	\$1,572,700 00	
To Normal School Fund.....	515,700 00	
To University Fund.....	111,600 00	
To Agricultural College Fund.....	51,600 00	
Total.....		\$2,241,000 00
Bonds maturing in 1880.....	\$9,000 00	
Bonds maturing in 1886.....	1,000 00	
Bonds maturing in 1888.....	1,000 00	
Currency certificates.....		\$11,000 00
		57 00
Total indebtedness.....		\$2,252,057 00

 INVESTMENTS.

The following is a statement of the investments made from the trust funds during the fiscal year:

 FROM THE SCHOOL FUND.

School district 1, Sherman, Dunn Co.....	\$300 00
City of New London, Waupaca county.....	11,500 00
County of Burnette.....	20,000 00
School district 5, Kaukauna, Outagamie county..	300 00
1, Auburndale, Wood county.....	500 00
4, city of Appleton, Outagamie Co.	3,000 00
Jt. Sch. Distr. 1, Richmond and Star Prairie, St. Croix Co.....	5,000 00
Sch. Distr 6, Stanton, Dunn Co.....	300 00
Jt. Sch. Distr. 1, Weston and Eau Galle, Dunn Co.	420 00
County of Wood.....	500 00

Investments.

FROM THE SCHOOL FUND —(continued).

Sch. Distr. 5, Dale, Outagamie Co	200 00	
Jt. Sch. Distr. 9, Haney and Clayton, Crawford Co.	300 00	
Sch. Distr. 3, Caledonia, Waupaca Co.....	300 00	
4, Kendall, La Fayette Co.....	250 00	
1, Caledonia, Trempealeau Co.....	350 00	
2, Roxbury, Dane Co.....	300 00	
1, Caledonia, Waupaca Co.....	400 00	
Jt. Sch. Distr. 7, Darlington and Seymour, Fayette Co	300 00	
Sch. Distr. 5, Gale, Trempealeau Co.....	100 00	
Town of Mineral Point, Iowa Co.....	12,000 00	
City of Mineral Point, Iowa Co.....	18,000 00	
Sch. Distr. 2, Loyal, Clark Co	600 00	
Jt. Sch. Distr. 11, Haney and Scott, Crawford Co.	150 00	
Sch. Distr. 1, Hutchinson, Shawano Co.....	150 00	
2, Mandeville, Marquette Co	300 00	
Town of Little Wolf, Waupaca Co	5,000 00	
Sch. Distr. 3, Rockland, Brown Co.....	120 00	
2, Stanton, Dunn Co.....	200 00	
Town of Luk, Polk Co.....	2,500 00	
Sch. Distr. 1, Trenton, Pierce Co.....	400 00	
4, Spring Lake, Pierce Co.....	300 00	
2, Glencoe, Buffalo Co.....	200 00	
7, Eastman, Crawford Co	150 00	
City of Jefferson, Jefferson Co	5,000 00	
Sch. Distr. 9, Excelsior, Rutland Co.....	500 00	
2, Northfield, Jackson Co.....	200 00	
10, Hixton, Jackson Co.....	200 00	
County of Barron	20,000 00	
Sch. Distr. 2, Brannan, Price Co	500 00	
3, Farmington, La Crosse Co.....	200 00	
6, Otter Creek, Eau Claire Co	300 00	
4, Auburndale, Wood Co.....	200 00	
Jt. Sch. Distr. 1, Kaukauna and Wrightstown, Outagamie Co	450 00	
Sch. Distr. 3, Loyal, Clark Co.....	600 00	
2, Suamico, Brown Co	300 00	
3, Holeton, Marathon Co.	200 00	
Jt. Sch. Distr. 2, Waumandee and Montana, Buffalo Co... ..	300 00	
Sch. Distr. 4, Rudolph, Wood Co.	500 00	
Jt. Sch. Distr. 7, Richford and Deerfield, Wau-shara Co.....	100 00	
Total.....		<u>\$113,940 00</u>

FROM THE NORMAL SCHOOL.

County of Wood.....	36,500 00	
Board of education city of Neenah, Winnebago Co	10,000 00	
Board of education city of Beaver Dam, Dodge Co	4,000 00	
Town of Waupaca, Waupaca Co.....	750 00	
City of Waupaca, Waupaca Co.....	1,500 00	
		<u>52,750 00</u>

Securities Deposited by Insurance Cos. — Miscellaneous Deposits.

FROM THE UNIVERSITY FUND.

County of Shawano.....	15,000 00	
	<u>15,000 00</u>	15,000 00

FROM THE AGRICULTURAL COLLEGE FUND.

City of New London, Waupaca Co	500 00	
	<u>500 00</u>	<u>500 00</u>

SECURITIES DEPOSITED BY INSURANCE COMPANIES.

By the Northwestern Life Insurance Company —

U. S. bonds.....	\$100,000 00	
	<u>100,000 00</u>	\$100,000 00

By the Madison Fire Insurance Company —

U. S. 4 per cent consols	20,000 00	
City of Madison compromise bonds.....	6,500 00	
Town of Sparta bonds to Chi. & N. W. R. R. Co	5,000 00	
Town of Excelsior, Sauk Co., bonds to Chi. & N. W. R. R. Co.....	5,000 00	
Town of Lodi, Columbia Co., bonds to Chi. & N. W. R. R. Co	3,000 00	
	<u>39,500 00</u>	\$39,500 00

By the Hekla Fire Insurance Company —

Bonds and mortgages on real estate on deposit Sept. 30, 1878	51,300 00	
Deposited during fiscal year	2,400 00	
	<u>53,700 00</u>	<u>53,700 00</u>

MISCELLANEOUS DEPOSITS.

DAVID BULLUM, company "K," 5th Regiment
Wisconsin Volunteer Infantry —

1 U. S. 10-40 bond, with coupons, since March, 1866	\$100 00	
1 U. S. 10-40 bond, with coupons, since March, 1866	50 00	
Deposit certificate of M. von Baumbach, Mil- waukee	50 00	
Currency	42 70	
Total.....	<u>242 70</u>	<u>\$242 70</u>

CHARLES HENRICH, company "D," 32 Regiment
Wisconsin Volunteer Infantry —

Currency	\$98 00	<u>\$98 00</u>
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Securities.

MISCELLANEOUS DEPOSITS — (continued).

FRED. KIRSCHENBELER, company "F," 21st Regiment Wisconsin Volunteer Infantry —		
1 U. S. 10-40 bond, with coupons, since March, 1866	\$100 00	
Currency	16 28	
Total	<u>116 28</u>	<u>\$116 28</u>
MARY ANN PIERSON —		
Volunteer aid fund, draft for.....		<u>\$5 00</u>
HARRIET C. KNOX —		
Volunteer aid fund, draft for.....		<u>\$3 67</u>
HEIRS OF GEORGE MOREHEAD, late company "K," 40th Regiment Wisconsin Volunteer Infantry —		
Currency.....		<u>\$53 05</u>
JAMES TOWLE, late company "G," 16th Regiment Volunteer Infantry (an insane soldier) —		
Currency.....		<u>\$87 20</u>

SECURITIES.

Statement of the securities belonging to the several trust funds in hand Sept. 30, 1879:

SCHOOL FUND.

State of Wisconsin — duplicate certificates of indebtedness.

No. 1, dated June 1, 1866.....	\$1,394, 900 00
6, dated March 31, 1868	89,000 00
8, dated June 5, 1868.....	18,000 00
9, dated September 23, 1868	32,800 00
11, dated March 31, 1869.....	25,000 00
26, dated July 1, 1879	3,000 00
	<u>\$1,562, 700 00</u>
U. S. 4 per cent. consols.....	75,000 00
Milwaukee City registered water work bonds.....	170,000 00
Total.....	<u>\$1,807, 700 00</u>

Securities.

NORMAL SCHOOL FUND.

State of Wisconsin — duplicate certificates of indebtedness.

No. 2 issued June 1, 1866.....		\$346 000 00
5 " June 28, 1867.....		35,500 00
7 " March 31, 1868.....		42,000 00
10 " September 23, 1868.....		25,000 00
12 " March 31, 1869.....		25,000 00
16 " December 30, 1869.....		3,000 00
18 " April 12, 1870.....		3,000 00
20 " February 20, 1872.....		33,100 00
25 " December 7, 1874.....		3,100 00
		\$515,700 00
Milwaukee City Registered Water Work bonds.....		160,000 00
Albany City Water Stock Coupon bonds.....		2,000 00
Coupon bonds, town of Troy, St. Croix Co., on hand September 30, 1878.....	\$2,000 00	
Bonds paid January 28, 1879.....	1,000 00	
On hand September 30, 1879.....		1,000 00
Coupon bonds town of Kinnickinnick, St. Croix Co., on hand September 30, 1878.....	\$1,800 00	
Bonds paid January 27, 1879.....	500 00	
On hand September 30, 1879.....		1,300 00
Coupon bonds, town of Clifton, Pierce Co., on hand September 30, 1878.....	\$2,000 00	
Bonds paid January 15, 1879.....	500 00	
On hand September 30, 1879.....		1,500 00
Coupon bonds, town of River Falls, Pierce Co., on hand September 30, 1878.....	\$7,000 00	
Bonds paid January 27, 1879.....	1,000 00	
On hand September 30, 1879.....		6,000 00
Total.....		\$687,500 00

UNIVERSITY FUND.

State of Wisconsin — duplicate Certificates of Indebtedness:

No. 3 issued June 1, 1866.....		\$96,000 00
4 " September 30, 1866.....		5,000 00
13 " March 31, 1869.....		10,000 00
Total.....		\$111,000 00
Coupon bonds, Dane county.....	\$14,500 00	
Milwaukee city registered waterwork bonds.....	10,000 00	
		24,500 00
Total.....		\$135,500 00

Railroads.

AGRICULTURAL COLLEGE FUND.

State of Wisconsin — duplicate Certificates of Indebtedness:

No. 14 issued March 31, 1869	\$3,000 00
15 " December 30, 1869.....	27,600 00
17 " April 12, 1870	2,000 00
19 " July 5, 1870	1,000 00
21 " March 20, 1872.....	6,000 00
22 " April 28, 1872	6,000 00
23 " September 7, 1872	5,000 00
24 " August 1, 1874	1,000 00
	<hr/>
coupon bonds, Dane county.....	\$51,600 00
Milwaukee city registered waterwork bond.....	3,000 00
	10,000 00
	<hr/>
Total.....	\$64,600 00
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WEST WISCONSIN RAILROAD LICENSE FUND.

In accordance with the provisions of chapter 245 of the laws of 1877, entitled an act to distribute more equally the burdens of taxation in certain counties in the state," the West Wisconsin, now "Chicago, Minneapolis and St. Paul Railway Company," has prepared a duly certified statement or list of the lands owned by said railroad company in each of the several counties wherein said lands are located, and which are exempt from taxation, on the first day of August, 1879. Such statement was duly transmitted to this office and filed, as required by law, and in accordance therewith the proper amount apportioned to the several counties, such apportionment being at the rate of 2½ cents per acre upon the lands of said company so exempt from taxation.

The following is a statement of the number of acres reported for each county, and the amount apportioned to such county:

St. Croix county, on 15,036.62 acres, at 2½ cents per acre... .	\$375 90
Dunn.....do..... 100,528.62	2,513 21
Pepin ....do..... 12,903.67	322 60
Buffalo ..do..... 16,445.23	411 12
Eau Claire.do..... 65,778.18	1,644 45
Chippewa .do..... 40,836.29	1,020 90
La Crosse .do..... 3,240.51	81 00
Monroe.....do..... 30,241.44	756 02
Juneau ....do..... 1,586.91	39 65
Wood .....do..... 280.40	7 00
Jackson ...do..... 111,494.43	2,787 35
Clark..... do..... 31,085.50	777 12
	<hr/>
Total.....	\$10,736 32
	<hr/>

Railroads.

NORTH WISCONSIN RAILROAD LICENSE FUND.

In accordance with the provisions of chapter 22, general laws of 1879, entitled "An act to facilitate the execution of the trusts assumed by the state of Wisconsin by her acceptance of the grants of land to aid in the construction of certain railroads in said state," the North Wisconsin Railway Company has prepared a duly certified statement or list of lands now owned by said company in each of the several counties, in which said lands are located, and which, on the 1st day of August, 1879, are exempt from taxation, and has transmitted such certified statement to this office, to be filed, as provided for by the above named act, and in accordance therewith the following amounts have been duly apportioned and paid to the several counties, to wit:

St. Croix county, on.....	10,040.64 acres.....	\$156 72
Barron county, on	136,897.55 acres.....	2,128 38
Polk county, on	97,409.95 acres.....	1,516 59
Burnett county, on.....	18,640.48 acres.....	295 79
Total.....		<u>\$4,097 48</u>

Receipts, Payments and Statements in Detail.

RECEIPTS, PAYMENTS AND STATEMENTS

IN DETAIL.

GENERAL FUND RECEIPTS.

STATE TAX.		
Adams.....	2,504	86
Ashland.....	1,870	29
Barron.....	2,422	90
Bayfield.....	1,033	22
Brown.....	13,275	52
Buffalo.....	4,480	60
Burnett.....	1,139	59
Calumet.....	7,705	83
Chippewa.....	12,222	28
Clark.....	6,340	96
Columbia.....	20,894	74
Crawford.....	5,760	96
Dane.....	43,330	50
Dodge.....	30,591	63
Door.....	2,449	55
Douglas.....	1,229	00
Dunn.....	6,656	59
Eau Claire.....	9,863	59
Fond du Lac.....	33,479	05
Grant.....	21,687	25
Green.....	17,098	73
Green Lake.....	9,502	92
Iowa.....	13,851	34
Jackson.....	3,872	79
Jefferson.....	21,736	16
Juneau.....	5,771	74
Kenosha.....	12,193	09
Kewaunee.....	4,572	84
La Crosse.....	13,455	27
La Fayette.....	13,412	53
Lincoln.....	2,237	64
Manitowoc.....	15,642	95
Marathon.....	5,980	19
Marquette.....	3,773	52
Milwaukee.....	119,564	18
Monroe.....	7,741	20
Oconto.....	10,520	16
Outagamie.....	13,026	75
Ozaukee.....	8,921	05
Pepin.....	2,015	97
Pierce.....	6,251	89

Receipts — Payments and Statements in Detail.

GENERAL FUND RECEIPTS.

STATE TAX—continued.		
Polk	3,559 29	
Portage	5,574 96	
Racine	20,499 14	
Richland	7,153 84	
Rock	36,943 79	
St. Croix	9,398 56	
Sauk	13,708 39	
Shawano	3,456 20	
Sheboygan	19,848 68	
Taylor	1,638 88	
Trempealeau	6,128 16	
Vernon	8,672 16	
Walworth	23,832 16	
Washington	14,078 69	
Waukesha	23,708 57	
Waupaca	7,316 58	
Waushara	4,500 01	
Winnebago	24,496 99	
Wood	2,591 78	
Total		777,183 65
SUIT TAX.		
Adams	21 00	
Ashland	13 00	
Barron	24 00	
Bayfield		
Brown	39 25	
Buffalo	82 00	
Burnett	3 00	
Calumet	24 00	
Chippewa	161 00	
Clark	139 00	
Columbia	96 00	
Crawford	63 00	
Dane	244 00	
Dodge		
Door	51 00	
Douglas	5 00	
Dunn	142 00	
Eau Claire	143 00	
Fond du Lac	152 00	
Grant	306 00	
Green		
Green Lake	67 00	
Iowa	106 00	
Jackson	91 00	
Jefferson	95 00	
Juneau	111 00	
Kenosha		
Kewaunee	50 00	
La Crosse	112 00	
La Fayette	99 00	
Lincoln	36 00	
Manitowoc	166 32	

Receipts, Payments and Statements in Detail.

GENERAL FUND RECEIPTS.

SUIT TAX — continued.		
Marathon	\$168 00	
Marquette	67 00	
Milwaukee	907 00	
Monroe	23 00	
Oconto	105 00	
Outagamie	130 00	
Ozaukee	38 00	
Pepin	25 00	
Pierce	78 00	
Polk	57 00	
Portage	132 00	
Racine	98 00	
Richland	60 00	
Rock	121 00	
St. Croix	244 54	
Sauk	128 00	
Shawano	28 00	
Sheboygan	91 00	
Taylor	33 00	
Trempealeau	171 00	
Vernon	37 00	
Walworth	118 00	
Washington	59 00	
Waukesha	106 00	
Waupaca	61 00	
Waushara	54 00	
Winnebago	377 00	
Wood	52 00	
Total		6,210 11
RAILROAD TAX OR LICENSE FEE,		
<i>On gross earnings for 1875.</i>		
Green Bay & Minnesota Railroad	543 75	
<i>On gross earnings for 1877.</i>		
Chippewa Falls & Western Railroad	292 36	
Wisconsin Central Railway Comp.	1,525 55	
<i>Gross earnings for 1878.</i>		
Chippewa Falls & Western Railroad	258 66	
Wisconsin Central Railway Co.	3,073 95	
Stevens Point & Pine River Valley R. R.	80 00	
Mineral Point Railway Co.	1,287 95	
Chicago, Minneapolis & St. Paul R'y	23,254 73	
Wisconsin Valley Railroad	1,406 83	
Green Bay & Minnesota Railway Co.	1,218 00	
Chicago, Milwaukee & St. Paul Railway Co.	202,555 10	
Sheboygan & Fond du Lac R. R.	392 00	

Receipts, Payments and Statements in Detail.

GENERAL FUND RECEIPTS.

RAILROAD TAX, OR LICENSE FEE — continued.		
<i>On Gross Earnings for 1878 — continued.</i>		
Prairie du Chien & McGregor Railway Co.....	\$958 44	.....
Chicago & Northwestern Railway Co.....	136,729 72	.....
Western Union Railway Co.....	17,007 67	.....
North Wisconsin Railroad.....	4,097 48	.....
Milwaukee, Lake Shore & Western Railroad.....	1,204 27	.....
		\$395,886 46
PLANK ROAD AND GRAVEL ROAD TAX.		
Sheboygan & Calumet Plank Road Co.....	\$45 67	.....
Fond du Lac Gravel Road Co.....	30 60	.....
Milwaukee & Brookfield Turnpike Co.....	20 53	.....
		96 80
TELEGRAPH COMPANIES.		
Milwaukee District Telegraph Co.....	\$17 00	.....
Northwestern Telegraph Co.....	2,288 00	.....
Western Union Telegraph Co.....	314 00	.....
		2,619 00
INSURANCE COMPANIES.		
FIRE.		
American Ins. Co., Chicago, Ills.....	\$3,368 15	.....
Amazon Ins. Co., Cincinnati, Ohio.....	83 86	.....
American Ins. Co., Philadelphia, Pa.....	216 74	.....
American Central Ins. Co., St. Louis, Mo.....	147 60	.....
Ætna Ins. Co., Hartford, Conn.....	1,091 95	.....
Allemania Fire Ins Co., Pittsburg, Pa.....	103 46	.....
Atlantic Ins. Co., New York.....	138 26	.....
Atlantic Fire & Mar. Ins. Co., Providence, R. I.....	3 07	.....
Amity Ins. Co., New York.....	5 86	.....
British American Ins. Co., Toronto, Canada.....	311 85	.....
Buffalo Ins. Co., Buffalo, N. Y.....	126 16	.....
Buffalo German Ins. Co., Buffalo, N. Y.....	72 88	.....
Connecticut Fire Ins. Co., Hartford, Conn.....	142 33	.....
Concordia Fire Ins. Co., Milwaukee, Wis.....	852 42	.....
Commerce Ins. Co., Albany, N. Y.....	18 21	.....
Commercial Union Ins. Co., of Great Britain.....	209 87	.....
Commercial Ins. Co., New York.....	14 13	.....
Commonwealth Ins. Co., Boston, Mass.....	105 99	.....
Continental Ins. Co., New York.....	2,199 51	.....
Commerce Fire Ins. Co., New York.....	1 00	.....
Detroit Fire & Mar. Ins. Co., Detroit, Mich.....	92 17	.....
Elliot Ins. Co., Boston, Mass.....	21 80	.....
Equitable Fire & Mar. Ins. Co., Providence, R. I.....	3 07	.....

Receipts, Payments and Statements in detail.

GENERAL FUND RECEIPTS.

INSURANCE COMPANIES — continued.		
<i>Fire — continued.</i>		
Firemen's Fund Ins. Co., San Francisco, Cal.	\$194 27	.....
Faneuil Hall Ins. Co., Boston, Mass.	105 86	.....
Firemen's Fire Ins. Co., Boston, Mass.	20 54	.....
Firemen's Fire Ins., Co., Newark, N. J.	82 48	.....
Fire Association of Philadelphia	443 83	.....
Franklin Ins. Co., Philadelphia.	173 99	.....
Fairfield Fire Ins. Co., South Norwalk, Conn.	28 64	.....
Germantown Farmer's M. Ins. Co., Germant'n, Wis.	536 40	.....
German Ins. Co., Freeport, Ill.	223 76	.....
Glenn Falls Ins. Co., Glenn Falls, N. Y.	147 70	.....
Germania Fire Ins. Co., N. Y.	357 38	.....
German American Ins. Co., N. Y.	594 95	.....
Girard Fire Ins. Co., Philadelphia.	206 40	.....
Greenwich Fire Ins. Co., N. Y.	64	.....
Hoffman Fire Ins. Co., New York.	19 95	.....
Home Ins. Co., New York.	1,783 65	.....
Hartford Fire Ins. Co., Hartford, Conn.	1,131 72	.....
Home Ins. Co., Newark, N. J.	5 40	.....
Heck'a Fire Ins. Co., Madison, Wis.	902 38	.....
Hamburg & Bremen Ins. Co. of Germany	123 50	.....
Hanover Fire Ins. Co., N. Y.	357 38	.....
Hartford St Biler Insp Co., Hartford, Conn.	75 44	.....
Hermann Farmers' Mut. Ins. Co., Hermann, Wis.	111 23	.....
Howard Fire Ins. Co., N. Y.	18 15	.....
Hudson Ins. Co., Newark, N. J.	24 17	.....
Imperial Ins. Co. of G. B.	165 28	.....
Insurance Co. of North America, Philadelphia.	1,320 49	.....
Insurance Co. of the State of Pennsylvania	67 15	.....
Irving Ins. Co., N. Y.	48 33	.....
Lorillard Ins. Co., N. Y.	51 06	.....
La Caisse General, Paris, France	94 19	.....
Lamar Ins. Co., N. Y.	79 64	.....
Lancashire Ins. Co. of G. B.	297 55	.....
Liverpool, Lond. & Globe Ins. Co., Liverpool, Eng.	352 42	.....
London Assurance Co. of G. B.	188 18	.....
Lycoming Fire Ins. Co., Muncy, Pa.	159 20	.....
Millville Mut. M. & F. Ins. Co., Millville, N. J.	202 68	.....
Milwaukee Mec. Mut. Ins. Co., Milwaukee, Wis.	2,059 23	.....
Madison Fire Ins. Co., Madison, Wis.	483 86	.....
Manufacturers' F. & M. Ins. Co., Boston	108 29	.....
Manhattan Fire Ins. Co., N. Y.	264 87	.....
Mechanics' & Traders' Ins. Co., N. Y.	89 98	.....
Merchants' Ins. Co., Providence, R. I.	3 07	.....
Mercantile Ins. Co., Cleveland, Ohio.	65 23	.....
Meriden Fire Ins. Co., Meriden, Conn.	71 98	.....
Mercantile Mut. Ins. Co., N. Y.	127 62	.....
Merchants' Ins. Co., Newark, N. J.	154 70	.....
Northern Ins. Co., Watertown, N. Y.	149 32	.....

Receipts, Payments, and Statements in Detail.

GENERAL FUND RECEIPTS.

INSURANCE COMPANIES — continued.		
<i>Fire — continued.</i>		
Newark Fire Ins. Co., Newark, N. J.	\$64 94	.....
North British & Mercantile Ins. Co., Hartford, Conn.	652 97	.....
National Fire Ins. Co., Hartford, Conn.	133 85	.....
Northwestern Nat. Fire Ins. Co., Milwaukee, Wis.	1,122 06	.....
National Ins. Co., New York	40 45	.....
New Hampshire Ins. Co., Manchester, N. H.	86 52	.....
Niagara Fire Ins. Co., New York	214 46	.....
North German Ins. Co., Hamburg, Germ	60 47	.....
Northern Ins. Co. of G. B.	165 28	.....
New York & Boston Ins. Co., New York	16 88	.....
New York City Ins. Co., New York.	16 26	.....
Orient Ins. Co., Hartford, Conn.	191 18	.....
Orient Mut. Ins. Co., New York.	72 80	.....
Phoenix Ins. Co., Hartford, Conn.	717 32	.....
Pacific Mut. Ins. Co., New York.	13 60	.....
Phoenix Ins. Co. of G. B., Brooklyn, N. Y.	978 02	.....
Pennsylvania Ins. Co., Philadelphia	557 65	.....
Prescott Ins. Co., Boston, Mass.	36 36	.....
Peoples' Ins. Co., Newark, N. J.	69 22	.....
Providence Washington Ins. Co., Providence, R. I.	37 78	.....
Queen Ins. Co., of G. B.	334 66	.....
Revere Ins. Co., Boston, Mass.	40 24	.....
Rochester German Ins. Co., Rochester, N. Y.	87 50	.....
Roger Williams' Ins. Co., Providence, R. I.	121 81	.....
Royal Canadian Ins. Co., Montreal, Can.	148 60	.....
Royal Ins. Co., Liverpool, G. B.	368 09	.....
St. Paul Fire & Mar. Ins. Co., St. Paul, Minn.	1,823 54	.....
Star Fire Ins. Co., New York.	33 47	.....
St. Nicholas Ins. Co., New York.	46 90	.....
Safeguard Ins. Co., New York	42 09	.....
Standard Fire Ins. Co., Trenton, N. J.	31 70	.....
Standard Ins. Co., New York	40 67	.....
Security Ins. Co., New Haven, Conn.	91 19	.....
Springfield Fire & Mar. Ins. Co., Springfield, Mass.	476 50	.....
Scottish Commercial Ins. Co. of G. B.	245 74	.....
St. Joseph Fire & Mar. Ins. Co., St. Joseph, Mo.	42 87	.....
Shawmut Ins. Co., Boston, Mass.	27 37	.....
Toledo Fire & Marine Ins. Co., Toledo, O.	55 71	.....
Traders' Ins. Co., Chicago, Ill.	77 25	.....
Trade Ins. Co., Newark, N. J.	66 26	.....
Transatlantic Ins. Co. of Germany	32 99	.....
Union Ins. Co., Philadelphia	33 64	.....
Vernon Co. Scand. Mut. Fire Ins. Co., Viroqua, Wis.	3 82	.....

Receipts, Payments and Statements in Detail.

GENERAL FUND RECEIPTS.

INSURANCE COMPANIES — continued.		
<i>Fire—continued.</i>		
Washington Fire & Mar. Ins. Co., Boston, Mass....	20 45	.....
Westchester Fire Ins. Co., New York.....	196 95	.....
Western Assurance Co., Toronto, Can.....	167 52	.....
Watertown Fire Ins. Co., Watertown, N. Y.....	436 14	.....
Williamsburg City Ins. Co., Williamsburg, N. Y..	46 32	.....
		\$33,992 03
LIFE.		
Aetna Life Ins. Co., Hartford, Conn.....	300 00	.....
Continental Life Ins Co., Hartford Conn.....	300 00	.....
Connecticut Life Ins. Co., Hartford, Conn.....	300 00	.....
Charter Oak Life Ins. Co., Hartford, Conn.....	300 00	.....
Equitable Life Assurance Society, New York.....	300 00	.....
Germania Life Ins. Co., New York.....	300 00	.....
Home Life Ins. Co., New York.....	300 00	.....
Massachusetts Mut. Life Ins. Co., Springfield.....	300 00	.....
Manhattan Life Ins. Co., New York.....	300 00	.....
Mutual Life Ins. Co., New York.....	300 00	.....
Mutual Benefit Life Ins. Co., Newark, N. J.....	300 00	.....
Northwestern Mut. Life Ins. Co., Milwaukee, Wis.	5,480 73	.....
National Life Ins. Co., Chicago, Ill.....	300 00	.....
New England Life Ins. Co., Boston, Mass.....	300 00	.....
New York Life Ins. Co., New York.....	300 00	.....
Penn. Mutual Life Ins. Co., Philadelphia.....	300 00	.....
Phenix Mut. Life Ins. Co., Hartford, Conn.....	300 00	.....
Provident Savings Life Ins. Co., New York.....	300 00	.....
Travelers' Ins. Co., Hartford, Conn.....	300 00	.....
Union Mutual Life Ins Co., Augusta, Me.....	300 00	.....
United States Life Ins. Co., New York.....	300 00	.....
Washington Life Ins. Co., New York.....	300 00	.....
		11,780 73
MISCELLANEOUS.		
Peddlers' and show licenses.....	6,818 72	.....
Income penalty.....	3,126 35	.....
Trespass penalty.....	60 83	.....
Secretary of state, ord. fees collected.....	438 56	.....
Secretary of state, notarial fees collected.....	1,228 00	.....
Commissioners of public lands, fees collected.....	1,216 96	.....
Sale of Marathon Co. lands.....	211 69	.....
Governor, fees from commissioner of deeds.....	260 00	.....
Sale of public documents.....	2,772 45	.....
Sale of Wisconsin reports.....	3,935 50	.....
Sale of material, boiler, etc.....	327 37	.....
Bank dept., printing and publishing reports.....	87 00	.....
Refunded by governor, appr. for state library.....	997 46	.....
Refunded by Atty. Gen., excess of appr. to pay costs.	70 65	.....
Refunded by Carpenter & Tenny for overpayment.	15 20	.....
Refunded by Amer. Ex. Co., for overpayment.....	2 50	.....
		21,569 54
Total receipts.....		1,249,338 02

Receipts, Payments and Statements in Detail.

GENERAL FUND DISBURSEMENTS.

SALARIES OF STATE OFFICERS AND PERMANENT APPROPRIATIONS.

Executive office.....	\$7,600 00	.....
Secretary of State's office.....	7,000 00	.....
State Treasurer's office.....	7,000 00	.....
Attorney General's office.....	5,000 00	.....
State Superintendent's office.....	5,500 00	.....
Annual appropriation for books.....	150 00	.....
Superintendent of Public Property's office.....	1,999 99	.....
		\$34,249 99

SUPREME COURT.

Salaries of judges.....	\$25,000 00	.....
Reporter.....	3,000 00	.....
Clerk.....	840 75	.....
Crier.....	218 00	.....
Secretary.....	1,200 00	.....
		30,258 75

CIRCUIT COURTS.

Salaries of judges.....	\$36,000 00	.....
		\$36,000 00

HISTORICAL SOCIETY.

Annual appropriation.....	\$5,000 00	.....
Secretary.....	1,600 00	.....
Librarian.....	1,200 00	.....
Assistant Librarian.....	720 00	.....
		8,520 00

STATE LIBRARY.

Librarian.....	\$1,500 00	.....
Books.....	2,324 44	.....
		3,824 44

State Board of Charities and Reform.....	2,549 65	.....
State Board of Health.....	4,040 98	.....
State Board of Immigration.....	1,482 54	.....
Fish Commission.....	5,000 00	.....
Railroad Commission.....	4,918 80	.....
Protecting state lands.....	4,661 01	.....
Tax for State University.....	41,310 30	.....
School Fund Income.....	7,088 36	.....

STATE INDEBTEDNESS.

On state bonds.....	900 00	.....
On certificates of indebtedness.....	156,660 00	.....

Receipts, Payments and Statements in Detail.

GENERAL FUND DISBURSEMENT.

STATE BENEVOLENT INSTITUTIONS.		
<i>Hospital for Insane, Madison.</i>		
Current expenses.....	\$79,955 23	.....
Assessed on counties.....	36,286 01	.....
Improvements.....	22,100 00	.....
		\$138,341 24
<i>Hospital for Insane, Oshkosh.</i>		
Current expenses.....	\$66,273 63	.....
Assessed on counties.....	47,389 40	.....
Improvements.....	3,800 00	.....
		\$117,463 03
<i>Institute for the Blind.</i>		
Current expenses.....	\$19,380 00	.....
		\$19,380 00
<i>Institute for Deaf and Dumb.</i>		
Current expenses.....	\$30,000 00	.....
		\$30,000 00
<i>Industrial School for Boys.</i>		
Current expenses.....	\$43,350 00	.....
Improvements.....	18,000 00	.....
		\$61,350 00
<i>Industrial School for Girls.</i>		
Improvements, building.....	\$11,346 00	.....
		\$11,346 00
<i>Soldiers' Orphans' Home.</i>		
Appropriation.....	\$500 00	.....
Expenses.....	35 45	.....
		\$535 45
AGRICULTURAL SOCIETIES.		
Aggregate paid to counties.....	\$5,700 00	.....
		\$5,700 00
CLERK HIRE.		
Secretary of State's Office.....	\$10,980 00	.....
State Treasurer's Office.....	6,815 00	.....
Superintendent of Public Property's Office.....	1,500 00	.....
Land Department.....	13,399 00	.....
		\$32,694 00
LEGISLATIVE EXPENSES.		
EXTRA SESSION OF 1878.		
Newspapers.....	\$5 00	.....
Mileage, Senate.....	16 00	.....
		\$21 00

Receipts, Payments and Statements in Detail.

GENERAL FUND DISBURSEMENTS.

REGULAR SESSION OF 1879.				
<i>Senate.</i>				
Salaries			\$11,550 00	.....
Mileage.....			879 40	.....
Employees			8,385 65	.....
				\$20,815 05
<i>Assembly.</i>				
Salaries			\$35,000 00	.....
Mileage.....			2,670 50	.....
Employees			9,115 55	.....
Expenses during sickness and burial of Hon. Frost and Potter			570 60	.....
				47,356 65
<i>Joint Expenses.</i>				
Printing			\$3,253 28	.....
Newspapers			2,701 33	.....
Gas			685 65	.....
Postage			3,590 00	.....
Blue Book			5,115 65	.....
Joint employees.....			199 50	.....
Contested Seats.....			563 50	.....
				16,108 91
SPECIAL APPROPRIATIONS.				
	<i>Ch.</i>	<i>Laws.</i>		
Sarah Jane Tarr	93	1879	\$151 19	.....
Henry Bætz	149	1879	1,417 56	.....
Fanny Nicodemus	56	1879	2,800 00	.....
Attorney General	110	1879	1,302 54	.....
James Edwards.....	30	1879	26 00	.....
Winnebago county.....	253	1879	532 12	.....
Frank Shomer and others	193	1879	5,000 00	.....
Green Lake county	215	1879	203 10	.....
Wisconsin State Horticultural Ass'n, State Agricultural Association.....	151	1879	600 00	.....
North Wis. Agr. and Mech. Ass'n....	72	1879	2,000 00	.....
James Dunn and others	73	1879	1,000 00	.....
A. Abbott, monument for L.W. Harvey	142	1879	500 00	.....
James Simmonds, Wis. Reports.....	41	1878	700 00	.....
Outagamie county	203	1879	1,125 00	.....
St. Croix county	217	1879	461 37	.....
Dunn county	245	1877	1,204 24	.....
Pepin county.....	245	1877	2,513 21	.....
Buffalo county.....	245	1877	322 60	.....
Eau Claire county	245	1877	411 12	.....
Chippewa county	245	1877	1,644 45	.....
La Crosse county	245	1877	1,020 90	.....
Monroe county	245	1877	81 90	.....
Juneau county.....	245	1877	756 02	.....
Wood county.....	245	1877	39 65	.....
Jackson county.....	245	1877	7 00	.....
Clark county	245	1877	2,787 35	.....
St. Croix county	245	1877	877 12	.....
Barron county.....	22	1879	156 72	.....
Polk county.....	22	1879	2,128 38	.....
Burnett county	22	1879	1,516 59	.....
			295 79	.....
				33,481 02

Receipts, Payments and Statements in Detail.

GENERAL FUND DISBURSEMENTS.

MISCELLANEOUS.		
Labor about Capitol and Park	\$23,062 67	.....
Contingent expenses.....	15,909 85	.....
State printing.....	14,603 77	.....
Advertising forfeited state lands.....	1,169 07	.....
Publishing and advertising.....	530 39	.....
Publishing General Laws.....	16,330 40	.....
Publishing Local Laws.....	429 60	.....
Paper	6,340 98	.....
Stationery	7,500 00	.....
Postage	3,711 58	.....
Gas	3,823 78	.....
Fuel	2,186 31	.....
Revising statutes, paper, printing, etc.....	26,501 71	.....
Militia	9,374 62	.....
Bounty on wild animals.....	4,390 00	.....
Treasury agents percentage on licenses.....	2,352 18	.....
Governor's contingent fund	585 00	.....
Real estate returns	921 61	.....
Geodetic survey	115 00	.....
Geological survey.....	5,000 00	.....
Geological Report.....	1,479 75	.....
Capitol Park improvement	518 20	.....
Capitol water works.....	4,151 23	.....
Expenses of Text Book Commission.....	238 65	.....
Expenses of appraising forfeited state lands	270 35	.....
Expenses of commission to revise rules for cir. cts.	1,620 00	.....
Expenses of examination of teachers	103 65	.....
State aid to high schools	25,000 00	.....
Daily journal for secretary of State's office.....	22 50	.....
A. R. Spofford, fees	2 00	.....
M. M. Strong, packing cabinet of M. M. Strong, jr..	49 04	.....
Chas. E. Bross, rent for telephone.....	25 00	.....
A. D. Gorham, statistics	1 20	.....
Witness fees in case Shipman vs. State.....	164 28	.....
		\$178,484 37
REFUNDED.		
Tostin Nelson, fee refunded.....	50	.....
G. R. Vincent, fee refunded.....	50	.....
S. A. Coleman, fee refunded	50	.....
John Weirich, license refunded.....	20 55	.....
De Witt C. Taylor, license refunded.....	36 92	.....
James L. Wells, license refunded	20 25	.....
Adam Bleser, license refunded.....	29 12	.....
E. J. Pettys, license refunded	40 00	.....
John Thiel, license refunded.....	18 00	.....
Alfred Day, income penalty refunded	3 11	.....
G. W. Merrill, income penalty refunded.....	1 72	170 97
Total Disbursements.....		\$1,055,112 51

Receipts, Payments and Statements in Detail.

SCHOOL FUND.

RECEIPTS.		
Sales of land.....	\$6,423 61	.....
Payments on certificates.....	29,491 76	.....
Payments on loans to school districts and individuals.....	25,404 03	.....
Payments on loans to counties and other municipalities.....	25,825 00	.....
U. S. 5 per cent. on sales of public lands in Wisconsin.....	1,181 85	.....
Fines received from following counties:		
Sauk county.....	164 86	.....
Wood county.....	61 92	.....
Kewaunee county.....	25 00	.....
Buffalo county.....	60 00	.....
Waushara county.....	51 00	.....
Winnebago county.....	14 70	.....
Grant county.....	237 85	.....
Eau Claire county.....	208 15	.....
Waukesha county.....	238 00	.....
Outagamie county.....	99 00	.....
Calumet county.....	49 00	.....
Portage county.....	19 60	.....
Tax penalties.....	29 77	.....
Total receipts.....		\$89,585 10
Balance October 1, 1878.....		58,823 70
Total.....		\$148,408 80
DISBURSEMENTS.		
Loans to counties and other municipalities.....	\$94,450 00	.....
Loans to school districts.....	19,440 00	.....
Refunded for overpayment.....	33 35	.....
Total disbursements.....		\$113,973 35
Leaves balance in fund Sept. 30, 1879.....		34,435 45
Total as above.....		\$148,408 80

Receipts, Payments and Statements in Detail.

SCHOOL FUND INCOME.

RECEIPTS.		
Interest on certificates and loans.....	\$42,066 95	.....
Interest on state indebtedness.....	109,179 00	.....
Income per chapter 70, general laws 1866.....	7,088 36	.....
Interest on loans to counties and municipalities..	15,783 65	.....
Interest on U. S. bonds.....	1,623 30	.....
Interest on war bonds.....	180 00	.....
Interest on Milwaukee water bonds.....	11,900 00	.....
Premium on U. S. bonds.....	875 00	.....
Transfer from Delinquent Tax Fund.....	6 01	.....
Transfer from Agricultural College Fund.....	71	.....
Total receipts.....		\$188,702 98
Balance October 1, 1878.....		13,131 90
Total.....		\$201,834 88
DISBURSEMENTS.		
APPORTIONMENT TO COUNTIES.		
Adams.....	984 58	.....
Ashland.....	140 98	.....
Barron.....	615 22	.....
Bayfield.....	115 14	.....
Brown.....	4,901 62	.....
Buffalo.....	2,360 56	.....
Burnett.....	190 76	.....
Calumet.....	2,380 70	.....
Chippewa.....	1,707 34	.....
Clark.....	1,122 14	.....
Columbia.....	4,287 16	.....
Crawford.....	2,397 80	.....
Dane.....	7,704 50	.....
Dodge.....	7,101 44	.....
Door.....	1,330 00	.....
Douglas.....	92 72	.....
Dunn.....	2,077 84	.....
Eau Claire.....	2,054 28	.....
Fond du Lac.....	7,341 90	.....
Grant.....	5,912 04	.....
Green.....	3,146 02	.....
Green Lake.....	2,070 24	.....
Iowa.....	3,665 48	.....
Jackson.....	1,690 24	.....
Jefferson.....	5,019 42	.....
Juneau.....	2,156 12	.....
Kenosha.....	2,096 08	.....
Kewaunee.....	2,533 46	.....
La Crosse.....	3,312 46	.....
La Fayette.....	3,323 10	.....
Lincoln.....	162 64	.....
Manitowoc.....	6,251 00	.....
Marathon.....	1,698 22	.....

Receipts, Payments and Statements in Detail.

SCHOOL FUND INCOME DISBURSEMENTS.

APPORTIONMENT TO COUNTIES — continued.		
Marinette.....	\$359 10	.....
Marquette.....	1,386 24	.....
Milwaukee.....	16,862 12	.....
Monroe.....	3,085 98	.....
Oconto.....	1,416 26	.....
Outagamie.....	4,001 40	.....
Ozaukee.....	2,645 18	.....
Pepin.....	892 62	.....
Pierce.....	2,883 36	.....
Polk.....	1,117 20	.....
Portage.....	2,221 48	.....
Racine.....	4,185 32	.....
Richland.....	2,745 88	.....
Rock.....	5,109 48	.....
St. Croix.....	2,217 30	.....
Sauk.....	3,944 02	.....
Shawano.....	1,108 84	.....
Sheboygan.....	5,410 44	.....
Taylor.....	171 00	.....
Trempealeau.....	2,360 56	.....
Vernon.....	3,403 28	.....
Walworth.....	3,408 60	.....
Washington.....	3,718 30	.....
Waukesha.....	4,040 16	.....
Waupaca.....	2,933 22	.....
Waushara.....	1,869 98	.....
Winnebago.....	5,656 68	.....
Wood.....	831 82	.....
Total apportionment.....	\$181,429 02	.....
Total apportionment.....	\$181,429 02	.....
Expense in selecting and locating school lands.....	677 87	.....
Refunded for overpayments.....	496 28	.....
Transfer to Delinquent Tax Fund.....	2 10	.....
Total disbursements.....		\$182,605 27
Leaves balance, October 1, 1879.....		19,229 61
Total as above.....		\$201,834 88

Receipts, Payments and Statements in Detail.

NORMAL SCHOOL FUND.

RECEIPTS.		
Sales of land	\$9,098 06	.....
Payments on certificates.....	2,165 00	.....
Payments on mortgages.....	16,152 22	.....
Payments on loans to counties and municipalities.	15,975 00	.....
Tax Penalties.....	17 09	.....
Total receipts.....		\$43,407 37
Balance October 1, 1878.....		33,290 88
Total.....		\$76,698 25
DISBURSEMENTS.		
Loans to counties and municipalities.....	\$52,750 00	.....
Total disbursements.....		\$52,750 00
Balance Sept. 30, 1879		23,948 25
Total as above		\$76,698 25

NORMAL SCHOOL FUND INCOME.

RECEIPTS.		
Interest on certificates and loans	\$8,627 11	.....
Interest on state indebtedness.....	36,099 00	.....
Interest on Milwaukee water bonds	11,200 00	.....
Interest on Albany city bonds.....	120 00	.....
Interest on loans to counties and municipalities ..	12,051 81	.....
Tuition fees from River Falls Normal School...	2,813 81	.....
Tuition fees from Platteville Normal School.....	3,040 21	.....
Tuition fees from Whitewater Normal School	2,663 63	.....
Tuition fees from Oshkosh Normal School.....	4,552 47	.....
Refunded from Whitewater Normal School.....	420 28	.....
Total receipts.....		\$81,588 32
DISBURSEMENTS.		
Transferred to Treas. Board N. Sch. Regents.....	\$81,569 87	.....
Refunded for overpayments.....	18 45	.....
Total disbursements.....		\$81,588 32

Receipts, Payments, and Statements in Detail.

UNIVERSITY FUND.

RECEIPTS.		
Sales of land.....	\$164 21	.....
Payments on certificates.....	2,854 00	.....
Payments on mortgages.....	8,957 79	.....
Total receipts.....		\$11,976 00
Balance October 1, 1878.....		8,843 03
Total.....		\$20,819 03
DISBURSEMENTS.		
Loan to Shawano county.....	\$15,000 00	.....
Refunded for overpayments.....	6 43	.....
Total disbursements.....		\$15,006 43
Balance September 30, 1879.....		5,812 60
Total as above.....		\$20,819 03

UNIVERSITY FUND INCOME.

RECEIPTS.		
Interest on certificates.....	\$5,028 68	.....
Interest on state indebtedness.....	7,770 00	.....
Interest on Milwaukee water bonds.....	700 00	.....
Interest on Dane county bonds.....	1,015 00	.....
Interest on Lewis Medal Fund.....	1 84	.....
Income from Johnson Endowment Fund.....	500 00	.....
Tax raised for the benefit of the University.....	41,310 30	.....
Sale of Soldiers' Orphans' Home buildings.....	4,700 00	.....
Student fees.....	4,811 58	.....
Miscellaneous.....	913 57	.....
Total receipts.....		\$66,750 97
DISBURSEMENTS.		
Transferred to treasurer of University.....	\$66,713 87	.....
Refunded for overpayments.....	37 10	.....
Total disbursements.....		\$66,750 97

Receipts, Payments and Statements in Detail.

AGRICULTURAL COLLEGE FUND.

RECEIPTS.		
Sales of land.....	6,049 83	.....
Payments on certificates.....	8,901 67	.....
Payments on loans.....	7,957 79	.....
Payments on bonds.....	1,500 00	.....
Total receipts.....		24,409 29
Balance October 1, 1878.....		12,338 93
Total.....		36,748 22
DISBURSEMENTS.		
Loans to counties and municipalities.....	500 00	.....
Total disbursements.....		500 00
Balance Sept. 30, 1879.....		36,248 22
Total as above.....		36,748 22

AGRICULTURAL COLLEGE FUND INCOME.

RECEIPTS.		
Interest on certificates.....	11,624 79	.....
Interest on state indebtedness.....	3,612 00	.....
Interest on Milwaukee water bonds.....	700 00	.....
Interest on Dane county bonds.....	262 50	.....
Total receipts.....		16,199 29
DISBURSEMENTS.		
Transferred to treasurer of university.....	15,830 55	.....
Transferred to school fund income.....	71	.....
Refunded for overpayments.....	368 03	.....
Total disbursements.....		16,199 29

Receipts, Payments and Statements in Detail.

DRAINAGE FUND.

RECEIPTS.		
Interest on certificates.....	\$759 35	.....
Sales of land	10,363 57	.....
Payment on certificates.....	279 00	.....
Tax penalty	6 38	.....
Total receipts.....		\$11,408 30
Balance October 1, 1878		5,651 55
Total.....		\$17,059 85
DISBURSEMENTS.		
APPORTIONMENT TO COUNTIES.		
Adams	\$60 00	.....
Ashland	150 00	.....
Bayfield	50 00	.....
Brown	3 15	.....
Buffalo	86 63	.....
Burnett	599 09	.....
Chippewa	213 35	.....
Clark	80 00	.....
Columbia	22 19	.....
Dane	143 07	.....
Door	2,141 14	.....
Douglas.....	329 16	.....
Dunn	101 31	.....
Eau Claire	33 95	.....
Fond du Lac	6 30	.....
Grant.....	3 15	.....
Green	2 80	.....
Green Lake.....	46 41	.....
Jackson	254 69	.....
Jefferson	63 27	.....
Juneau.....	360 00	.....
Kewaunee	384 66	.....
La Crosse	53 04	.....
Lincoln.....	558 66	.....
Manitowoc	126 29	.....
Marathon.....	740 10	.....
Marinette.....	428 01	.....
Marquette	203 83	.....
Monroe.....	99 95	.....
Oconto	1,126 49	.....
Pepin	47 53	.....
Pierce	10 48	.....
Portage.....	408 81	.....
Price	150 00	.....
St. Croix	30 00	.....
Sauk	76 11	.....
Shawano.....	1,262 95	.....
Taylor	300 00	.....

Receipts, Payments and Statements in Detail.

DRAINAGE FUND DISBURSEMENTS.

APPORTIONMENT TO COUNTIES — continued.			
Trempealeau.....		\$12 18	.....
Waukesha		44 10	.....
Waupaca		463 34	.....
Waushara		262 11	.....
Winnebago		243 59	.....
Wood		126 08	.....
Total apportionment		\$11,907 97	
Total apportionment		\$11,907 97	
Refunded for overpayments.....		102 12	
Total disbursements.....			\$12,010 09
Balance in fund Sept. 30, 1879.....			5,049 76
Total as above			\$17,059 85

DELINQUENT TAX FUND.

RECEIPTS.			
Taxes on state lands collected.....		\$16,708 19	.....
Transfer from school fund income.....		2 10	.....
Total receipts.....			\$16,710 29
Balance October 1, 1878.....			3,219 45
Total			\$19,929 74

DISBURSEMENTS.

DISTRIBUTION TO COUNTIES.

	IV qr. 1878.	I qr. 1879.	II qr. 1879.	III qr. 1879.	Total.
Adams	8 65	3 05		13 59	25 29
Ashland.....	84 34	97 10		589 68	771 12
Barron	38 59	93 73	9 52	110 17	252 01
Bayfield.....	48 48	32 55	32 56	185 74	299 33
Brown				39 25	39 25
Buffalo.....	6 65	13 33	13 57	81 63	115 18
Burnett	51 83	38 68	16 19	28 04	134 74
Chippewa	181 20	141 75		669 07	992 02
Clark	122 16	64 15		1,044 39	1,230 67
Columbia	1 01	1 14		16 14	18 29
Crawford	34 21	3 23		10 49	47 93
Dane	12 16	31 09	2 80	48 16	94 21
Door	102 46	328 98	262 61	170 13	864 18
Douglas.....	35 47		1 73	16 68	53 88

Receipts, Payments and Statements in Detail.

DELINQUENT TAX FUND DISBURSEMENTS.

DISTRIBUTION TO COUNTIES — continued.

	<i>IV</i> <i>qr.</i> 1878.	<i>I</i> <i>qr.</i> 1879.	<i>II</i> <i>qr.</i> 1879.	<i>III</i> <i>qr.</i> 1879.	Total.
Dunn	\$18 09	\$79 77	.....	\$248 53	\$346 39
Eau Claire	22 78	19 18	.....	27 55	69 51
Grant	34 86	5 04	10 80	11 04	61 74
Iowa	50 66	26 75	.....	3 25	80 66
Jackson	115 31	58 41	9 77	38 35	221 84
Jefferson	4 96	.....	.....	1 53	6 49
Juneau	30 61	5 87	8 03	14 10	58 61
Kewaunee	30 83	126 74	116 58	51 62	325 77
La Crosse	16 54	12 89	18 35	21 95	69 77
La Fayette	10 56	2 65	.....	84	14 05
Lincoln	110 06	72 35	.....	374 37	556 78
Manitowoc .....	.....	30 80	.....	65 32	96 12
Marathon	151 75	195 24	73 72	382 20	802 91
Marquette .....	.....	.....	.....	268 45	268 45
Marquette	14 14	1 88	14 99	22 12	53 14
Milwaukee .....	.....	63 40	.....	34 00	97 40
Monroe	55 37	42 44	31 33	83 60	272 74
Oconto	233 19	357 95	53 58	138 23	732 95
Outagamie	26 55	298 27	10 12	250 81	585 75
Pepin	16 12	34 59	.....	11 82	62 53
Pierce	83 98	106 56	7 48	390 99	589 01
Polk	58 95	117 84	19 41	571 78	767 98
Portage	31 70	53 83	19 55	45 55	150 63
Price .....	.....	.....	.....	84 12	84 12
Racine .....	.....	3 95	.....	.....	3 95
Richland	21 07	65 52	.....	258 09	344 68
Rock	5 75	.....	.....	4 52	10 27
St. Croix	48 74	190 64	4 06	752 62	996 06
Sauk	4 64	37 64	2 11	41 43	85 82
Shawano	790 27	368 97	107 79	1,382 29	2,649 32
Taylor	251 30	600 18	18 99	540 10	1,410 57
Trempealeau	6 87	7 66	95	59 17	74 65
Vernon	10 46	115 51	1 74	241 77	269 48
Walworth .....	.....	.....	.....	4 35	4 35
Washington .....	.....	.....	.....	4 38	4 38
Waukesha	4 03	5 09	.....	6 27	15 39
Waupaca	55 92	42 82	117 01	180 01	395 76
Waushara	1 37	4 85	.....	44 74	53 96
Winnebago .....	.....	1 29	.....	21 17	22 46
Wood	10 83	20 59	15 77	40 11	87 30
Total	\$3,055 47	\$4,023 26	\$969 80	\$ 9,749 30	\$17,797 83
Total distribution to counties					\$17,797 83
Refunded for double payments					182 38
Transfer to School Fund Income					6 01
Total Disbursements					\$17,986 22
Balance in fund Sept. 30, 1879					1,943 52
Total					\$19,929 94

Receipts, Payments and Statements in Detail.

DEPOSIT FUND.

Surplus on sale of forfeited state lands.....	\$121 65	.....
Balance in fund, October 1, 1878.....	7,782 76	.....
Total.....		\$7,904 41
DISBURSEMENTS.		
By Andrew Jackson.....	\$9 51	.....
By O. Boutwell & Son.....	78 95	.....
By B. G. Plumer.....	197 10	.....
By Henry Hewitt, Jr.....	15 50	.....
By Alex. McMillan.....	63 15	.....
Total disbursements.....		\$364 21
Balance in treasury, September 30, 1879.....		7,540 20
Total as above.....		\$7,904 41

REDEMPTION FUND.

RECEIPTS.		
Proceeds of public sale of lands.....	\$253 75	.....
Redemptions paid in during month of Feb., 1879..	17 06	.....
March, 1879.....	22 34	.....
April, 1879.....	17 81	.....
May, 1879.....	48 65	.....
June, 1879.....	44 53	.....
Total receipts.....		\$404 14
DISBURSEMENTS.		
By Eliza A. Burchard.....	\$253 75	.....
By C. E. W. Struve.....	24 36	.....
By Henry Hewitt, Jr.....	70 12	.....
By Geo. B. Burrows.....	9 49	.....
By H. N. Solberg.....	8 76	.....
By B. E. Edwards.....	7 34	.....
Total disbursements.....		\$373 82
Balance in treasury, September 30, 1879.....		30 32
Total as above.....		\$404 14

Receipts, Payments, and Statements in Detail.

**ST. CROIX & LAKE SUPERIOR RAILROAD TRESSPASS
FUND.**

RECEIPTS.		
H. A. Taylor, state agent, trespass collected.....	\$5,000 00	.....
H. Borchsenius, timber agent, trespass collected ..	2,984 36	.....
John C. Spooner, judgment collected.....	297 12	.....
Total receipts.....		\$8,281 48
Balance in fund October 1, 1878.....		169,764 73
Total.....		\$178,046 21
DISBURSEMENTS.		
H. A. Taylor, state agent, salary and expenses.....	\$3,909 10	.....
H. Borchsenius, timber agent, salary and expenses,	1,562 00	.....
Total disbursements.....		\$5,471 10
Balance in treasury September, 30, 1879.....		172,575 11
Total as above.....		\$178,046 21

ST. CROIX & LAKE SUPERIOR RAILROAD DEPOSIT FUND

RECEIPTS.		
Balance in treasury October 1, 1878.....	\$8,264 60	.....
Total.....		\$8,264 60
DISBURSEMENTS.		
By Thos. A. Johnson, deposit money refunded....	\$100 00	.....
By A. E. Jefferson, deposit money refunded	200 00	.....
By N. Wis. Ry comp., deposit money refunded....	300 00	.....
By James Mullen, deposit money refunded	100 00	.....
Total disbursements.....		\$700 00
Balance in treasury September 30, 1879.....		7,564 60
Total as above.....		\$8,264 60

Receipts, Payments and Statements in Detail.

NORTH WISCONSIN RAILROAD AID FUND.

RECEIPTS.		
Balance in fund October 1, 1878.....	\$1,907 86	.....
Total ..		\$1,907 86
DISBURSEMENTS.		
By coupons and bonds paid.....	\$1,907 86	.....
Total as above ..		\$1,907 86

STURGEON BAY AND LAKE MICHIGAN CANAL FUND.

RECEIPTS.		
Balance in fund October 1, 1878.....	\$209 08	.....
Total ..		\$209 08
DISBURSEMENTS.		
By John Nader.....	\$209 08	.....
Total as above ..		\$209 08

GREEN BAY AND MINNESOTA RAILROAD AID FUND.

RECEIPTS.		
Town of Arcadia, Trempealeau county.....	\$3,600 00	.....
Balance in fund October 1, 1878	37 97	.....
Total receipts.....		\$3,637 97
DISBURSEMENTS.		
By Theodore S. Cox.....	\$37 97	.....
By Richard Gunther.....	3,600 00	.....
Total as above ..		\$3,637 97

ALLOTMENT FUND.

Balance in fund October 1, 1878.....	\$965 87	.....
Total ..		\$965 87
Balance in fund Sept. 30, 1879	\$965 87	.....
Total ..		\$965 87

Receipts, Payments and Statements in Detail.

WARD AND SMITH BEQUEST.

City of Milwaukee readjustment bonds	\$4,000 00
City of Pittsburgh railroad compromise bonds.....	4,000 00
Milwaukee city registered waterwork bonds.....	5,000 00
Total.....	\$13,000 00

WARD AND SMITH FUND.

Balance in bonds	\$13,000 00
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WARD AND SMITH FUND INCOME.

RECEIPTS.	
From sale of readjustment bonds of city of Milwaukee Nos. 152, 153, 154 and 155.....	\$4,000 00
Interest on said bonds	100 00
From interest on Milwaukee bonds	550 00
From interest on city of Pittsburgh bonds.....	200 00
Appropriation legislature of 1879	900 00
	\$5,750 00
Balance in fund September 30, 1878	1,050 49
Total.....	\$6,800 49

DISBURSEMENTS.

PENSIONS.

Mary Ella Smith.....	\$10 56
Mary Ella Smith.....	52 69
Ada H. Glines	63 50
Caroline Cummings.....	10 00
Geo. E. Kipatrick.....	63 75
Belle Marcum	10 65
Ezra M. White.....	63 83
James C. Smith.....	63 53
Walter Mallo	63 90
Alice Coleman (now Bouton).....	64 00
John O'Connor	64 15
John Welch	64 10
Asa R. Narracong,.....	64 10
Nelson J. Holmes.....	64 15
Belle Marcum.....	52 99
Wm. Jones	10 00
Chas. A. Smith.....	10 75
Benj. F. Jones	10 75
Sarah E. Westenhaver.....	64 30
Annie Hollenbeck	63 30
Benj. F. Jones	53 30
Emma Pfeiffer.....	62 28
Emma A. Robinette	62 70
Geo. W. McPheters.....	64 60
Arthur F. Burt.....	64 60
Peter Pratt.....	64 65

Receipts, Payments and Statements in Detail.

WARD AND SMITH BEQUEST DISBURSEMENTS.

PENSIONS — continued		
Ella Clendenning (now Lawrence).....	\$64 60	.....
Sarah E. Dieter (now Shannon)	64 75	.....
Willie Hill	63 70	.....
Matilda Howard.....	65 00	.....
Orris P. Langdon.....	64 75	.....
Nellie J. Tubbs	64 90	.....
Chas. S. Omsby.....	64 87	.....
John F. Stevens	54 00	.....
Truman G. Dodge.....	64 95	.....
John Gansell	64 93	.....
Jennie Hopkins	64 87	.....
Lewis L. Wilkins	65 00	.....
Viola O. Jones.....	64 95	.....
La Fayette Smith	65 05	.....
John F. Stevens.....	10 93	.....
Maggie McFadden	65 15	.....
C. P. Stevens	10 00	.....
Alphonso Barnes.....	54 25	.....
Hiram Wheeler	65 25	.....
Andrew J. Westenhauer	65 30	.....
Libbie Baker	65 30	.....
Clara Damko hler.....	65 30	.....
Jennie L Baker.....	64 35	.....
Alphonso Barnes.....	10 93	.....
Henry Fields	65 60	.....
Etzel E. Bonner	11 00	.....
Eunice V. Duvall	65 55	.....
Jennie D. Nimmo.....	65 70	.....
Albert Miller	65 50	.....
Ebenezer Anthony.....	65 30	.....
Clam Lesselyoung.....	65 37	.....
D C. Howard.....	65 60	.....
Maggie J. Drake	65 88	.....
Wm. H. Ables.....	10 00	.....
Etzel E. Bonner.....	54 55	.....
Wm. R. Colkins.....	65 55	.....
Paid express charges on bonds sold	2 00	.....
Paid R. W. Burton, Sec'y, on warrant.....	900 00	.....
Total disbursements.....		\$4,247 72
Balance September 30, 1879		2,552 77
Total as above		\$6,800 49

Banks and Banking.

ANNUAL REPORT
OF THE
BANKS AND BANKING.

In obedience to the requirements of law, I submit the following report, exhibiting the condition and transactions of this branch of my department for this fiscal year :

The whole number of banks doing business to-day is thirty, with an aggregate capital of		1,496,031 33
The whole number of banks doing business on October 1, 1878, was twenty-eight, with an aggregate capital of		1,420,281,33
Increase of capital.....		75,750 00
NEW BANKS ORGANIZED.		
Bank of New Richmond	25,000 00	.....
Bank of Shboygan	50,000 00	.....
Bank of Sparta.....	50,000 00	.....
Increase of capital.....		125,000 00
BANKS DISCONTINUED.		
Green Bay Savings Bank, Green Bay	40,000 00	.....
DECREASE OF CAPITAL.		
Clark County Bank, Neillsville.....	5,000 00	.....
Peoples' State Bank, Burlington ¹	4,250 00	.....
Total decrease		49,250 00
Increase as above.....		75,750 00
The aggregate amount of securities held in trust for banking associations on October 1, 1878, was	7,006 00	.....
The amount of outstanding circulation subject to redemption is	2,847 00	\$7,906 00
		2,847 00
Surplus due the following banks, payment of which cannot be made until legal proceedings now pending have been decided:		
Bank of Columbus.....	1,384 00	.....
Kenosha County Bank.....	1,505 00	.....
		\$2,889 00

¹ In liquidation.

Since this report the Bank of Menominee and the Merchants' Exchange Bank of Milwaukee have filed articles of association under the state law.

Banks and Banking.

The stocks of the following banks have been exchanged for United States treasury notes, and with them I will redeem their outstanding circulation at par on presentation:

NAMES OF BANKS.	Outstanding circulation.	
Hudson City Bank	\$517 00	Not advertised
La Crosse County Bank	93 00	.....do
Merchants' Bank, Milwaukee.....	150 00	.....do
Milwaukee County Bank	235 00	.....do
Wisconsin Pinery Bank, Stevens Point.....	369 00	.....do
Total		\$1,364 00
Banks wound up, and circulation redeemed in gold, on presentation by this office:		
Union Bank, Milwaukee (not advertised), outstanding circulation.....		\$87 00
Germania Bank, Milwaukee		23 00
		\$110 00
RECAPITULATION.		
The amounts due the several banks for surplus and for circulation outstanding, viz:		
Surplus due banks until after decision of legal proceedings pending	\$2,889 00	.....
Surplus due Exchange Bank of Darling & Co...	2,172 00	.....
Treasury notes for redemption of outstanding circulation of banks not advertised.....	1,364 00	.....
Treasury notes for outstanding circulation of Batavian Bank, La Crosse	223 00	.....
Deposit certificate for outstanding circulation of Wisconsin Marine and Fire Insurance Company Bank, Milwaukee.....	1,149 00	.....
Total amount due in currency.....		\$7,797 00
Amount due in coin for outstanding circulation of the Union Bank, Milwaukee.....	\$87 00	.....
Amount due in coin for outstanding circulation of Germania Bank, Milwaukee.....	23 00	.....
		\$110 00
Grand total		\$7,907 00

Banks and Banking.

The appendix will show:

- "A." Security, circulation and capital of banks.
- "B." Names of stockholders, and the amount of stock held by each.
- "C." Names of personal bondsmen.
- "D." List of banks, their location and officers.
- "E." Bank note impressions on hand.
- "F." Bank note plates on hand.
- "G." Condition of each bank at the time of last report, July 7, 1879.
- "H." Condition of private banks at time of last report, July 7, 1879.

All of which is respectfully submitted,

RICHARD GUENTHER,
State Treasurer.

Banks and Banking.

APPENDIX.

“A.”

STATEMENT of the securities held in trust for each of the following Banking Associations, and the amount of circulating notes issued and outstanding on the same, on the first day of October, 1879:

BATAVIAN BANK.

Capital, \$50,000.

Treasury notes	\$223 00
Circulation	223 00
	223 00

WISCONSIN MARINE AND FIRE INSURANCE COMPANY BANK.

Capital, \$100,000.

Deposit certificate	\$1,149 00
Circulation.....	1,149 00
	1,149 00

"B."

STATEMENT exhibiting the names of Stockholders and amount of stock owned by each, in the several Banks of this State, as reported to this office, July 7, 1879.

Names of Banks.	Names of stockholders.	Residence.	Amount.
<i>Batavian Bank</i>	G. Van Steenvyk...	La Crosse.....	\$36,900 00
	E. E. Bentley.....	do.....	6,800 00
	J. M. Holly.....	do.....	3,400 00
	E. N. Borreson.....	do.....	1,200 00
	Geo. F. Gund.....	do.....	1,000 00
	M. B. Greenwood.....	do.....	700 00
	Total.....		\$50,000 00
<i>Bank of Commerce</i>	John Black.....	Milwaukee.....	\$26,000 00
	Edward O'Neil.....	do.....	20,000 00
	Nich. Hoffman.....	do.....	15,000 00
	A. Dahlmann.....	do.....	3,000 00
	J. P. Kissinger.....	do.....	5,000 00
	C. A. Koeffler.....	do.....	4,500 00
	Nathan Pereles.....	do.....	3,500 00
	Goll & Frank.....	do.....	3,000 00
	Geo. Bremer.....	do.....	2,500 00
	B. B. Hopkins.....	do.....	2,500 00
	Rice & Friedman.....	do.....	2,500 00
	M. L. Morawatz.....	do.....	2,500 00
	H. Stern, jr. & Bro.....	do.....	2,000 00
	A. B. Geilfuss.....	do.....	2,000 00
	F. F. Riedel.....	do.....	2,000 00
	M. L. Morawetz.....	do.....	1,500 00
	Thos. Shea.....	do.....	1,000 00
	Wm. Bayer.....	do.....	1,000 00
	John Dahlman.....	do.....	1,000 00
	Conrad Meyer.....	do.....	500 00
Geo. J. Schmidt.....	do.....	500 00	
Bernhard Stern.....	do.....	500 00	
W. H. Jacobs.....	do.....	500 00	
Total.....		\$100,000 00	
<i>Bank of Watertown</i> ...	A. L. Pritchard.....	New Pork.....	\$12,000 00
	W. H. Clark.....	Watertown.....	15,000 00
	Linus R. Cady.....	do.....	5,000 00
	Theodore Prentiss.....	do.....	15,000 00
	Geo. Hawkins.....	do.....	3,000 00
Total.....		\$50,000 00	

"B." — *Name of Stockholder, etc.* — continued.

Names of Banks.	Names of Stock holders.	Residence.	Amount.
<i>Bank of Evansville ...</i>	L. T. Pullen.....	Evansville	\$14,000 00
	Chas. M. Smith.....	do	4,000 00
	D. M. Rowley	do	4,000 00
	M. V. Pratt.....	do	3,000 00
	Total .....	.....	\$25,000 00
<i>Bank of Eau Claire ...</i>	F. H. Woodward ..	Eau Claire	\$6,600 00
	W. A. Rust	do	5,400 00
	H. H. Hayden.....	do	2,400 00
	W. P. Bartlett	do	1,400 00
	H. Cousins	do	600 00
	B. J. Churchill.....	do	600 00
	M. B. S. Brown.....	do	600 00
	T. R. Skinner.....	do	900 00
	G. T. Thompson	do	600 00
	A. Smith	do	100 00
	Daniel Shaw	do	600 00
	C. A. Bull.....	do	600 00
	F. M. Woodward ..	do	9,600 00
Total .....	.....	\$30,000 00	
<i>Bank of New London..</i>	H. H. Page.....	New London ...	\$1,000 00
	J. W. Bingham	do	10,000 00
	Ira Millard.....	do	1,500 00
	James Michlejohn.....	do	2,000 00
	James Stimson	do	500 00
	Spaulding & Legan.....	do	1,000 00
	Leonard Perrin.....	do	1,000 00
	P. Dickinson.....	do	200 00
	H. Ketchum.....	do	1,300 00
	M. R. Logan.....	do	500 00
	J. H. Weigh t.....	Kansas	1,000 00
	Charles Worden ..	Deer Creek	1,000 00
	S. Reynolds.....	Oshkosh	3,000 00
	W. Hyde.....	Appleton.....	1,000 00
	J. N. Palmer	Embarass.....	1,000 00
L. Van Patien.....	Canada.....	4,000 00	
Total .....	.....	\$30,000 00	
<i>Bank of New Richmond</i>	Joel Bartlett.....	New Richmod...	\$400 00
	F. W. Bartlett	do	6,150 00
	M. Frisk	do	6,150 00
	R. A. Gay	do	6,150 00
	J. W. McCoy	do	6,150 00
Total .....	.....	\$25,000 00	

"B."—Names of Stockholders, etc.—continued.

Names of Banks.	Names of Stockholders.	Residence.	Amount.
<i>Bank of Sheboygan</i>	F. R. Townsend	Sheboygan	\$6,000 00
	James Bell	do.....	3,000 00
	Henry Irwig	do.....	3,000 00
	Charles Irwig	do.....	3,000 00
	Caspar Pfister	do.....	6,000 00
	Mich. Winter.....	do.....	5,000 00
	Wm. H. Seaman	do.....	3,000 00
	H. F. Piderit	do.....	6,000 00
	John Bertschy.....	do.....	1,000 00
	A. A. Goodwin	do.....	1,000 00
	C. F. Ayske.....	Howard's Grove.	6,000 00
	J. B. Corsen	Glenbulah.....	2,000 00
	J. W. Dow.....	Plymouth	5,000 00
		Total .....		$50,000 00
<i>Bank of Sparta</i>	J. T. Hemphill	Sparta	\$7,500 00
	T. B. Tyler	do.....	2,000 00
	W. Bush	do.....	2,000 00
	S. D. Cheney	do.....	2,000 00
	Ira A. Hill	do.....	500 00
	E. H. Canfield.....	do.....	500 00
	C. E. Tyler	Newark, N. J....	19,500 00
	A. W. Conant.....	Boston	5,000 00
	G. W. Candee.....	New York.....	7,000 00
	C. M. Field.....	do.....	1,000 00
	W. L. Candee.....	Milwaukee	3,000 00
	Total.....		\$50,000 00
<i>City Bank of Portage</i> ..	Ll. Breese.....	Portage	\$4,200 00
	R. O. Loomis.....	do.....	4,200 00
	R. B. Wentworth	do.....	4,200 00
	W. D. Fox.....	do.....	4,200 00
	E. L. Jaeger.....	do.....	4,100 00
	W. S. Wentworth	do.....	4,100 00
	Total.....		\$25,000 00
<i>Citizens' B'k of Delevan</i>	A. T. Parish	Delevan.....	\$3,000 00
	Frank Leland	do.....	1,000 00
	Edgar Topping est.	do.....	800 00
	James H. Camp	do.....	500 00
	M. Mullville.....	do.....	500 00
	W. Isham estate.....	do.....	500 00
	C. H. Sturtevant.....	do.....	1,000 00
	J. H. Goodrich.....	do.....	500 00
	C. H. Topping.....	do.....	100 00
	R. H. James.....	do.....	800 00
	George Cotton.....	Chicago.....	1,300 00
	T. P. James.....	Richwood.....	500 00
	Chas B. Tallman	Delevan.....	2,500 00
	S. Rees La Bar	do.....	1,000 00
	Chas. S. Teeple.....	Darien	500 00
John De Wolf.....	do.....	200 00	
F. B. Goodrich	do.....	100 00	
	Total.....		\$25,000 00

"B."—Names of Stockholders, etc.—continued.

Names of Banks.	Names of Stockholders.	Residences.	Amount.
<i>Clark County Bank</i> ...	Wm. Campbell.....	Neillsville	\$1,000 00
	D. B. R. Dickinson.....	do	2,000 00
	Levi Archer.....	do	1,300 00
	James Hewett.....	do	6,000 00
	James O'Neill.....	do	400 00
	F. S. Kirkland.....	do	500 00
	J. F. Kirkland.....	do	1,000 00
	M. C. Ring.....	do	3,800 00
	Jacob Huntzicker.....	Eaton	2,000 00
	Robert Christie.....	Weston.....	2,700 00
	Thos. Chadwick.....	do	2,700 00
	O. S. Woods.....	La Crosse.....	1,500 00
		Total.....		$25,000 00
<i>Farmers' & Merchants' Bank</i>	George Grimm.....	Jefferson	\$2,700 00
	Yale Henry.....	do	10,000 00
	J. W. Ostrander.....	do	1,200 00
	Mrs. Geo. J. Kispert.....	do	4,800 00
	Mrs. A. B. Bullwinkel.....	do	2,600 00
	Adam Kispert.....	do	500 00
	Mrs. C. Kusterman.....	Green Bay.....	1,900 00
	Marshall Lane.....	Jefferson	3,000 00
	Adam Smith.....	do	2,000 00
	Eri Garfield.....	do	600 00
	John N. Friedel.....	do	400 00
	Charles Grutt.....	do	400 00
	Copeland, Ryder & Co.....	do	500 00
	Charles Jahn.....	do	600 00
	Jos. Stoppenbach.....	do	200 00
	George W. Bird.....	do	600 00
	Wm. F. Puerner.....	do	400 00
	Alonzo Wing.....	do	300 00
	George L. Smith.....	do	1,000 00
	George J. Kispert.....	do	1,500 00
	C. Muck's estate.....	do	2,400 00
	Mrs. M. A. Grimm.....	do	6,000 00
	Mrs. H. S. Garfield.....	do	1,400 00
	Mrs. J. A. U. Wing.....	do	300 00
	John Bullock.....	Johnson's Creek.....	2,400 00
	Geo. C. Mansfield.....	do	1,200 00
	W. W. Woodman.....	Farmington	800 00
	George Seitz.....	do	1,600 00
	Mrs. M. A. Cramer.....	do	600 00
	W. R. Harvey.....	Lake Mills.....	600 00
	E. B. Fargo.....	do	600 00
	Robert Fargo.....	do	500 00
	J. H. Meyers.....	do	600 00
	Mrs. H. Gieseler.....	Green Bay.....	3,000 00
	Chas. Bullwinkel.....	Jefferson.....	8 0 00
	Frs.' & Mchts.' Bk.....	do	2,000 00
		Total.....		$60,000 00

"B." — *Names of Stockholders, etc.* — continued.

Names of Banks.	Names of Stockholders.	Residence.	Amount.
<i>German Bank</i>	James H. Mead....	Sheboygan.....	\$24,000 00
	Fr. Karste.....	do.....	17,000 00
	Geo. C. Cole.....	do.....	8,000 00
	Geo. Heller.....	do.....	1,000 00
	Total.....		\$50,000 00
<i>German Exchange Bank</i>	Guido Pfister.....	Milwaukee.....	\$15,000 00
	F. Vogel.....	do.....	15,000 00
	R. Nunnemacher.....	do.....	50,000 00
	J. B. Le Saulnier.....	do.....	5,000 00
	Ferd. Kuehn.....	do.....	15,000 00
Total.....		\$100,000 00	
<i>German American Savings Bank</i>	Rudolph Ebert....	Fond du Lac.....	\$5,500 00
	J. C. Perry.....	do.....	500 00
	William Rueping.....	do.....	6,000 00
	Alex. McDonald.....	do.....	2,000 00
	Franz Lauenstein.....	do.....	3,000 00
	Louis Munter.....	do.....	6,000 00
Fred. Rueping.....	do.....	2,000 00	
Total.....		\$25,000 00	
<i>Hudson Savings Bank.</i>	C. Goss.....	Hudson.....	\$5,000 00
	C. M. Goss.....	do.....	1,000 00
	A. J. Goss.....	do.....	19,000 00
Total.....		\$25,000 00	
<i>Jefferson County Bank.</i>	Chas. Stoppenbach.	Jefferson.....	\$6,000 00
	Ed. McMahon.....	do.....	5,000 00
	W. P. Forsyth.....	do.....	2,000 00
	S. T. McKenney.....	do.....	1,000 00
	Jacob Breunig.....	do.....	3,000 00
	John A. Hillyear..	do.....	1,000 00
	John A. Puerner, Jr.	do.....	1,000 00
	R. W. Clark.....	do.....	2,500 00
	R. W. Clark, guard.	do.....	500 00
	Solon Brown.....	do.....	200 00
	Mrs. Prude Whipple	do.....	900 00
	Mrs. Candis Brown.	do.....	500 00
	John D. Bullock...	Johnson's Creek.	1,000 00
	Samuel Buchanan.	Oakland.....	2,000 00
	Mrs. K. Burback...	Milwaukee.....	1,000 00
	Nichol's Young Est.	do.....	5,000 00
	Mrs. Ann McMahon	Watertown.....	2,400 00
	Edward Johnson...	do.....	3,000 00
	James Cody.....	do.....	2,000 00
Mrs. M. Winterling	do.....	1,000 00	
Total.....		\$40,000 00	

"B."—Names of Stockholders, etc.—continued.

Names of Banks.	Names of Stockholders.	Residence.	Amount.	
<i>Jackson County Bank.</i>	L. S. Avery.....	Black River Falls	\$300 00	
	Francis Blake.....	do.....	500 00	
	S. D. Blake.....	do.....	200 00	
	Abel Cheney.....	do.....	300 00	
	A. Grigg.....	do.....	200 00	
	M. A. Spaulding...	do.....	150 00	
	Alex. Hyslop.....	do.....	1,000 00	
	Knud Hanson.....	do.....	100 00	
	Jones & Murray...	do.....	200 00	
	A. Meinhold.....	do.....	1,100 00	
	Patrick Vance.....	do.....	300 00	
	W. R. O'Hearn.....	do.....	3,700 00	
	Ulrick Oderboltz ..	do.....	400 00	
	W. T. Price.....	do.....	4,700 00	
	Ed. Pratt.....	do.....	1,000 00	
	P. Reddy.....	do.....	100 00	
	D. J. Spaulding....	do.....	2,500 00	
	W. C. Smean.....	do.....	100 00	
	A. Uehinger.....	do.....	1,400 00	
	O. A. Britton.....	Tomah.....	600 00	
	Daniel Mills.....	Pine Hill.....	2,000 00	
	O. Cunningham....	Rutland, Vt.....	1,000 00	
	Ann Eliza Dunn....	do.....	1,400 00	
	C. C. Dunn.....	do.....	100 00	
	Lyman Hulbert....	Coldwater, Mich.	1,000 00	
	H. B. Mills.....	Milton.....	2,900 00	
	S. & E. Meinhold..	Black River Falls	200 00	
		Total.....		\$27,900 00
	<i>Manufacturers' Bank.</i>	J. Hasbrouck.....	San Francisco....	\$12,000 00
		Albert Conroy.....	Milwaukee.....	11,906 33
M. A. Martineau....		do.....	5,700 00	
Caroline Tracy.....		do.....	2,900 00	
A. L. Cary.....		do.....	2,100 00	
C. Shepardson.....		do.....	1,000 00	
James Porter.....		do.....	1,000 00	
Geo. P. Sanborn....		do.....	100 00	
M. C. Candee.....		do.....	950 00	
W. L. Candee.....		do.....	800 00	
M. W. Candee.....		do.....	225 00	
W. S. Candee.....		do.....	100 00	
H. H. Markham.....		do.....	800 00	
M. Stewart & Co....		do.....	400 00	
G. J. Rogers.....		do.....	3,300 00	
J. S. Hathaway.....		do.....	100 00	
M. A. Cornwall....		Muscoda.....	2,300 00	
Wm. Porter.....		Wauhara.....	1,700 00	
Republican Life Ins Co.....		Chicago.....	650 00	
G. W. Hungerford..		Stevens Point....	200 00	
	Total.....		\$48,231 33	

"B" — *Names of Stockholders, etc.* — continued.

Names of Banks.	Names of Stockholders.	Residence.	Amount.
<i>Merchants and Mechanics Savings Bank....</i>	Frank Leland	Delevan	\$12,000 00
	J. H. Dennison . . .	Janesville	1,000 00
	H. H. Sheldon.....	do	3,500 00
	L. L. Robinson	do	1,000 00
	Wm Macloon	do	2,500 00
	W. H. H. Macloon.....	do	500 00
	Wm. B. Terry	do	500 00
	David Jeffris	do	7,700 00
	Wm. Lawrence	do	1,000 00
	Henry Palmer	do	8,700 00
	L. B. Carle	do	6,000 00
	Frank Gray	do	500 00
	G. W. Hawes	do	1,500 00
	Patrick Conners.....	do	2,000 00
	Charles Noyes.....	do	500 00
	Rus-ell Parmely	do	1,500 00
	John McLay	do	500 00
	David McLay.....	do	500 00
	H. G. Reichwald.....	do	20 000 00
	James Bintliff	do	2,900 00
	James Morat	do	1,500 00
	James Youngclause.....	do	500 00
	A. A. Jackson	do	1,000 00
	James Shearer	do	900 00
	James Menzies	do	500 00
	D. G. Cheever	do	500 00
	A. Tredick	do	1,000 00
	Edward Jones	do	1,000 00
	Fenner Kimball	do	500 00
	Benj. Bleasdale	do	2,000 00
	J. W. Nash	do	500 00
	U. Schult	do	500 00
	J. B. Tracy.....	do	209 00
	Mrs. L. P. Jones.....	do	500 00
	Wm. H. Tallman	do	500 00
	Pliny Norcross	do	1,500 00
	Mrs H. B. Hogeboom	do	1,000 00
	F. C. Cook	do	2,500 00
	Seth Fisher.....	do	1,000 00
	R. A. Perkins.....	do	1,200 00
	Mary Morat	do	1,000 00
	John Gallately.....	do	700 00
	J. Moore	do	1,300 00
	Geo. W. Lamont.....	do	1,000 00
	A. B. Burdick	do	1,000 00
	J. B. Carle.....	do	1,000 00
	W. B. Britton.....	do	500 00
John Griffiths	do	500 00	
M. H. Curtiss.....	do	500 00	
S. W. Fisher.....	do	400 00	
W. F. Carle	do	1,000 00	
J. W. Bintliff.....	do	1,000 00	
	Total		\$100,000 00

"B."—Names of Stockholders etc.—continued.

Names of Banks.	Names of Stockholders.	Residence.	Amount.
<i>Marathon County Bank</i>	Daniel Jones	Watertown	\$13,000 00
	Albert Sollivay	do	4,000 00
	Chas. P. Haseltine..	Schofield	5,000 00
	Chas. W. Harger...	Wausau	3,000 00
	Total .....	.....	\$25,000 00
<i>Park Savings Bank ...</i>	J. B. Bowen	Madison	\$20,200 00
	N. W. Dean	do	3,000 00
	Mary Hobbins	do	3,000 00
	Joseph Hobbins	do	1,000 00
	A. W. Clarke	do	1,400 00
	W. W. Tredway	do	1,000 00
	M. D. Miller	do	1,000 00
	N. Frederickson	do	1,000 00
	Minnie Sheldon	do	1,000 00
	J. D. Clark	do	200 00
	Wm. Farrell	do	100 00
	Jos. Smith	Waupun	7,000 00
	Thos. Keenan	Portage	1,000 00
D. Campbell .....	.....	1,000 00	
Total .....	.....	\$40,000 00	
<i>State Bank</i>	Samuel Marshall...	Milwaukee	\$18,000 00
	L. S. Hanks	Madison	17,000 00
	J. Howard Palmer..	do	15,000 00
	Total .....	.....	\$50,000 00
<i>Second Ward Savings Bank</i>	Valentine Blatz....	Milwaukee	\$25,000 00
	Phil. Best	do	25,000 00
	Joseph Schlitz	do	25,000 00
	W. H. Jacobs	do	100,000 00
	F. Magdeburg	do	25,000 00
Total .....	.....	\$200,000 00	
<i>South Side Savings B'k</i>	G. C. Trumpff	Milwaukee	\$12,500 00
	John B. Koetting ..	do	12,500 00
	Total .....	.....	\$25,000 00
<i>Stephenson Banking Co.</i>	Isaac Stephenson ..	Marinette	\$10,000 00
	J. W. P. Lombard ..	do	5,000 00
	Sam'l M. Stephenson	Menominee, Mich	4,000 00
	Robert Stephenson.	do	3,000 00
	August Spies	do	3,000 00
	Total .....	.....	\$25,000 00

"B."—*Names of Stockholders, etc.*—continued.

Names of Banks.	Names of stockholders.	Residence.	Amount.
<i>Strong's Bank</i>	Henry Strong.....	Green Bay	\$34,800 00
	D. M. Kelley	do	1,000 00
	M. P. Skeels.....	do	1,000 00
	L. M. Marshall	do	1,000 00
	Louis Neese	do	1,000 00
	A. H. Ellsworth	do	1,000 00
	Mrs. W. D. Colburn	do	1,000 00
	Mrs. L. B. Skeels	do	1,000 00
	M. B. Franks.....	do	2,400 00
	I. C. White.....	do	500 00
	R. Morris	do	500 00
	Joseph Taylor.....	Fort Howard	1,000 00
	A. N. Marshall	Stevens Point....	1,200 00
	I. E. Dean.	Waukon, Iowa....	1,000 00
	Rev. S. Crawford ..	Lyons, Iowa.....	600 00
	M. T. Hale	New York	500 00
M. C. Underwood..	Brooklyn, N. Y..	500 00	
	Total.....		\$50,000 00
<i>Wisconsin Marine and Fire Ins. Co. Bank.</i> ..	Alexander Mitchell	Milwaukee	\$100,000 00

"C."

STATEMENT showing the names of persons who have executed bonds, now on deposit in this office, as additional security for the redemption of the countersigned notes issued to their respective banks, as required by section 17, of the banking law:

Names of Banks.	Names of Bondsmen.	Penalties.
Batavian Bank	G. VanSteenwyck.....	\$6,250 00
Wisconsin Marine and Fire Ins. Co. Bank.....	Geo. Smith and Alexander Mitchell	25,000 00

Banks and Banking.

"D."

LIST OF OFFICERS of *Banks*, taken from the reports made to this office on the first Monday of July, 1879.

NAMES OF BANKS.	Location.	President.	Cashier.
Batavian Bank	La Crosse	G. V'Steenwyck	E. E. Bently.
Bank of Commerce	Milwaukee	Edw. O'Neil ..	A. B. Geilfuss.
Bank of Watertown.....	Watertown	L. R. Cady	W. H. Clark.
Bank of Evansville.....	Evansville	D. M. Rowley ..	L. T. Pullen.
Bank of Eau Claire.....	Eau Claire	F. Woodward..	G. F.Thompson
Bank of New Richmond.	New Richmond	R. A. Gay	J. W. McCoy.
Bank of Sheboygan.....	Sheboygan	F. R. Townsend	H. F. Piderit.
Bank of Sparta.....	Sparta	J. T. Hemphill.	E. H. Canfield.
City Bank of Portage....	Portage	Ll. Breese	R. B. Wentw'th
Citizens Bank of Delavan	Delavan	Geo. Cotton	C. B. Tallman.
Clark County Bank.....	Neillsville	Levi Archer....	D.P.R.Dickin'n
Bank of New London...	New London ..	J. W. Bingham	Leonard Perrin
Farmers and Merchants Bank	Jefferson	J. W. Ostrander	Yale Henry.
German Bank	Sheboygan	Jas. H. Mead..	F. Karste.
German Exchange Bank.	Milwaukee	Ferd. Kuehn..	R.Nunnemacher
German American Sav- ings Bank.....	Fond du Lac..	Rndolph Abert.	John C. Perry.
Hudson Savings Bank..	Hudson	Alfred J. Goss.	Ed. McMahon.
Jefferson County Bank..	Jefferson	C. Stoppenbach	Ed. McMahon.
Jackson County Bank...	Black Riv.Falls	Wm. T. Price..	O. R. O'Hearn.
Manufacturers' Bank ...	Milwaukee	Albert Conro..	W. S. Candee.
Marathon County Bank.	Wausau	C. P. Haseltine.	C. W. Harger.
Merchants' and Mechan- ics' Savings Bank	Janesville	A. O. Jackson.	H.G.Richwald.
Park Savings Bank.....	Madison	J. B. Bowen...	James E. Baker
State Bank	Madison	Sam. Marshall.	L. L. Hanks.
Second Ward Savings Bank	Milwaukee	Valen'e Blatz..	W. H. Jacobs.
South Side Savings Bank	Milwaukee	G. C. Trumpff.	J. B. Kœtting.
Stephenson Banking Co.	Marinette	I. Stephenson.	J.W.P.Lombard
Strong's Bank.....	Green Bay.....	Henry Strong..	Louis Neese.
Wisconsin Marine and Fire Ins. Co. Bank....	Milwaukee	Alex. Mitchell.	D. Ferguson.

Banks and Banking.

"E."

STATEMENT showing the number of bank note impressions on hand
October 1, 1879.

Names of Banks.	Location,	Denom- ination.	No.
Bank of Sheboygan	Sheboygan	1, 2, 3, 5	205
Bank of Watertown	Watertown	1, 2, 3, 5	485
Batavian Bank	La Crosse	1, 5	1,990
Corn Exchange Bank	Waupun	1, 2, 3, 5	418
Milwaukee County Bank	Milwaukee	5, 10	120
Summit Bank	Oconomowoc	2, 3	716
Wisconsin Mar. & F. Ins. Co. Bank..	Milwaukee	2, 3, 5, 5	75

"F."

LIST OF BANK NOTE PLATES on hand October 1, 1879, deposited
with Bank of Republic, New York.

Names of Banks.	Location.	Denom- ination.
State Bank	Madison	1, 1, 2, 5
Bank of Racine	Racine	1, 2, 3, 5
Columbia County Bank	Portage	1, 1, 2, 5
Corn Exchange Bank	Waupun	1, 2, 3, 5
Bank of Waterton	Watertown	1, 2, 3, 5
Bank of Madison	Madison	1, 2
Batavian Bank	La Crosse	1, 5
Summit Bank	Oconomowoc	2, 3
Wisconsin Marine and Fire Ins. Co. Bank..	Milwaukee	2, 3, 5, 5

STATEMENT OF THE CONDITION OF THE BANKS OF THE STATE OF WISCONSIN ON THE MORNING OF
MONDAY, JULY 7, 1879.

NAMES OF BANKS.	LOCATION.	RESOURCES.							
		Loans and discounts.	Due from Directors or Stockholders.	Due from Brokers and Call Loans.	Over Drafts.	U. S. Treasury Notes Deposited with State Treasurer.	U. S. and other bonds on Hand.	Other resources.	Specie.
Batavian Bank	La Crosse ...	\$197,591 73			\$1,034 36	\$223 00	\$1,900 00		\$2,978 60
Bank of Commerce...	Milwaukee ..	281,935 97	\$4,000 00	\$18,874 86	3,386 50		40,000 00		5,572 45
Bank of Eau Claire...	Eau Claire ...	58,438 09	6,000 00		8,130 48				350 47
Bank of Evansville...	Evansville...	30,687 56	10,000 00		192 55		5,100 00		152 53
Bank of New London.	New London	26,850 53	15,000 00						
B'k of New Richmond	New Richm'.	16,780 49	7,122 35		75		1,050 00		537 48
Bank of Sheboygan...	Sheboygan ..	82,606 50	13,764 16		1,470 71		11,950 00		1,401 17
Bank of Sparta.....	Sparta.....	101,199 95	5,000 00		155 67		600 00		963 40
Bank of Watertown...	Watertown...	85,450 06		4,177	1,234 57		300 00		794 38
Clark County Bank...	Neillsville...	19,464 53			1,451 76				212 00
City Bank of Portage.	Portage	38,770 82	7,000 00		1,589 42		1,000 00		1,504 46
Citizens' Bank.....	Delevan	35,791 08	10,000 00		2,203 80		10,500 00		450 00
Farmers & Mer. Bank.	Jefferson ...	73,734 20	3 129 33		1,955 92				1,220 62
German Bank	Sheboygan ..	322,301 81			1,705 31		80,000 00		1,326 47
Ger. Amer. Sav. Bank.	Fond du Lac.	85,542 26							1,545 00
Ger. Exchange Bank..	Milwaukee ..	318,750 18			671 43		5,400 00		
Hudson Savings Bank.	Hudson	139,877 77	5,000 00		10,213 01				1,295 00

Bank Statement.

STATE TREASURER.

STATEMENT of the condition of the Banks of Wisconsin on the morning of Monday, July 7, 1879.— continued.

NAMES OF BANKS.	LOCATION.	RESOURCES.							
		Loans and discounts.	Due from Directors or Stockholders.	Due from Brokers and Call Loans.	Over Drafts.	U. S. Treasury Notes Deposited with State Treasurer.	U. S. and other Bonds on Hand.	Other resources.	Specie.
Jackson County Bank.	B'k R. Falls.	39,290 81	9,664 71		274 95				1,630 29
Jefferson County Bank.	Jefferson . . .	73,427 21	2,500 00		1,038 45		400 00		1,017 60
Manufacturers' Bank . .	Milwaukee ..	155,613 39			4,402 66		4,270 00		1,123 28
Marathon Co. Bank. . .	Wausau	54,863 00			258 82				559 79
Mer. & Mech's Sav. B'k	Janesville . .	108,159 13	80,000 00						1,290 21
Park Savings Bank . . .	Madison	33,879 79	6,085 20		274 64				2,156 30
People's State Bank ¹ . .	Burlington ..	600 00			7 23			\$3,000 00	
State Bank	Madison	192,854 23			692 65				1,010 97
Second Ward Sav. B'k	Milwaukee ..	706,024 84		145,926 18	26,546 89		149,799 50		19,473 60
South Side Sav. Bank.	Milwaukee ..	172,884 86			2,613 92		5,995 00		1,029 35
Stevenson Banking Co.	Marinette . . .	63,634 64	9,847 82		219 81		40 00		531 50
Strong's Bank	Green Bay ..	180,873 30			1,876 92		31,253 20		3,524 88
Wis. M. & F. I. Co. B'k	Milwaukee ..	2,600,961 92			9,081 98	1,180 00	860,475 64		8,029 64
		\$6,298,840 65	\$194,113 57	\$164,842 81	\$82,595 16	\$1,403 00	\$1,174,033 14	\$3,000 00	\$61,701 44

¹ In liquidation.

Bank Statement.

STATEMENT of the condition of the Banks of the State of Wisconsin on the morning of Monday, July 7, 1879 — continued.

NAMES OF BANKS.	LOCATION.	RESOURCES — continued.					
		Cash Items.	Real Estate and Bank Fixtures.	Loss and Expense Account.	United States and National Bank Notes on hand.	Due from Banks.	Total Resources.
Batavian Bank.....	La Crosse.....	\$2,853 65	\$12,500 00	.....	\$43,927 00	\$54,673 68	\$317,681 42
Bank of Commerce....	Milwaukee....	8,684 71	30,473 88	.....	33,668 00	35,564 32	462,160 69
Bank of Eau Claire....	Eau Claire....	8,374 95	.....	\$7 85	15,219 00	14,698 77	111,219 61
Bank of Evansville....	Evansville....	100 00	6,784 42	77 01	9,736 50	2,837 97	65,578 54
Bank of New London..	New London..	2,644 31	3,235 83	1,362 59	.....	5,623 86	54,717 12
Bank of New Richmond..	New Richmond	1,763 01	6,543 11	.....	5,373 00	8,483 80	47,673 99
Bank of Sheboygan....	Sheboygan....	863 00	14,819 35	.....	14,640 75	9,454 18	147,969 82
Bank of Sparta.....	Sparta.....	131 25	9,000 00	.....	20,584 00	21,821 65	159,455 92
Bank of Watertown....	Watertown....	328 25	12,608 03	4,805 40	13,279 00	28,656 53	147,507 99
Clark County Bank....	Neillsville....	.....	2,001 59	2,076 72	422 00	1,410 25	27,038 85
City Bank of Portage..	Portage.....	1,305 38	5,200 00	.....	8,674 00	18,263 40	83,307 48
Citizens' Bank.....	Delevan.....	46	2,696 90	159 02	7,453 00	14,147 40	83,401 75
Farmers & Mec's Bank.	Jefferson.....	406 34	8,168 59	1,540 13	6,035 00	4,380 87	100,570 97
German Bank.....	Sheboygan....	150 50	10,000 00	.....	71,562 00	88,197 16	575,243 25
German Am. Sav. Bank.	Fond du lac...	18,920 30	9,800 91	.....	17,620 00	19,915 07	153,343 54
German Exchange Bank	Milwaukee....	18,184 02	.....	.....	31,705 00	253,854 17	623,564 80
Hudson Savings Bank..	Hudson.....	4,009 27	7,000 00	.....	23,965 18	26,237 84	217,538 07
Jackson County Bank..	Black R'r Falls	.....	3,499 59	1,236 50	3,940 00	3,003 64	52,540 49

Bank Statement.

STATEMENT of the condition of the Banks of the State of Wisconsin on the morning of Monday, July 7, 1879 — continued.

NAMES OF BANKS.	LOCATION.	RESOURCES — continued.					
		Cash Items.	Real Estate and Bank Fixtures.	Loss and Expense Account.	United States and National Bank Notes on hand.	Due from Banks.	Total Resources.
Jefferson County Bank.	Jefferson	835 38	7,841 03	1,372 37	12,334 00	16,575 46	116,841 50
Manufacturer's Bank ..	Milwaukee	11,709 14	3,411 00	15,168 18	18,621 00	22,188 61	236,507 56
Marathon County Bank.	Wausau	1,678 89	5,338 32	.....	8,578 00	6,292 62	77,869 44
Merchts' & Mec. Sav. Bk	Janesville	112 00	1,535 63	3,331 65	16,571 00	24,644 06	235,663 63
Park Savings Bank	Madison	443 79	21,343 95	1,236 64	13,852 43	14,963 19	94,235 93
People's State Bank ² ...	Burlington .....	.....	2,000 00	22,324 32	.....	.....	27,934 55
State Bank	Ma ison	661 50	9,000 00	.....	36,126 00	72,184 60	312,532 95
Second Ward Sav. Bank	Milwaukee	13,106 85	.....	.....	128,857 00	242,296 99	1,432,031 85
South Side Sav. Bank..	Milwaukee	6,517 17	4,521 25	.....	37,795 00	26,380 20	257,636 75
Stevenson Banking Co..	Marinette	162 34	500 00	178 75	8,175 00	30,310 36	113,600 22
Strong's Bank	Green Bay	2,849 26	9,629 59	.....	27,999 00	18,086 50	276,142 65
Wis. M. & F. Ins. Co. Bk.	Milwaukee	68,880 83	.....	.....	135,955 00	1,300,571 97	4,985,136 98
		\$175,689 52	\$209,002 97	\$54,872 53	\$769,806 86	\$2,385,708 61	\$11,611,615 36

² In liquidation.

Bank Statement.

STATEMENT of the condition of the Banks of the State of Wisconsin, on the morning of July 7, 1879 — continued.

NAMES ON BANKS.	LOCATION.	LIABILITIES.					Total liabilities.
		Capital.	Registered notes in circulation.	Surplus and profit and loss.	Due to depositors on demand.	Due to others not included under either of the above heads.	
Batavian Bank.....	La Crosse	\$50,000 00	\$223 00	\$10,000 00	\$257,458 42		\$317,681 42
Bank of Commerce...	Milwaukee	100,000 00		11,583 07	350,577 62		462,160 69
Bank of Eau Claire....	Eau Claire	30,000 00		3,865 28	77,331 67	\$22 66	111,219 61
Bank of Evansville....	Evansville.....	25,000 00		2,500 00	38,078 54		65,578 54
Bank of New London..	New London ..	30,000 00		2,551 65	18,165 47	4,000 00	54,717 12
Band of New Richmond	New Richmond	25,000 00		1,481 75	20,848 31	343 93	47,673 99
Bank of Sheboygan....	Sheboygan	50,000 00		1,128 37	64,202 77	32,638 68	147,969 82
Bank of Sparta.....	Sparta	50,000 00		7,795 45	101,169 05	491 42	159,455 92
Bank of Watertown....	Watertown	50,000 00		2,312 97	78,265 02	16,930 00	147,507 99
Clark County Bank ...	Neillsville.....	25,000 00			2,038 85		27,038 85
City Bank of Portage ..	Portage	25,000 00		3,067 28	55,240 20		83,307 48
Citizen's Bank.....	Delavan.....	25,000 00		530 28	57,871 47		83,401 75
Farmers & Merch'ts B'k	Jefferson	60,000 00		1,300 00	36,782 64	2,488 33	100,570 97
German Bank	Sheboygan	50,000 00		1,977 40	176,454 89	346,810 96	575,243 25
German Amer. Sav. B'k	Fond du Lac ..	25,000 00		3,796 08	124,547 46		153,343 54
German Exchange Bank	Milwaukee	100,000 00		12,263 15	516,301 65		628,564 80

¹ Time deposits.

Bank Statement.

STATEMENT of the condition of the Banks of the State of Wisconsin, on the morning of July 7, 1879 — continued.

NAMES OF BANKS.	LOCATION.	LIABILITIES — continued.					Total liabilities.
		Capital.	Registered notes in circulation.	Surplus and profit and loss.	Due to depositors on demand.	Due to others not included under either of the above heads.	
Hudson Savings Bank..	Hudson	\$25,000 00	.....	\$32,451 50	\$160,086 57	.....	\$217,538 07
Jackson County Bank..	Black R'r Falls.	27,900 00	.....	6,423 31	27,698 35	\$518 82	62,540 49
Jefferson County Bank.	Jefferson	40,000 00	.....	13,098 92	63,742 58	.....	116,841 50
Manufacturers' Bank...	Milwaukee	48,231 33	.....	1,508 05	135,655 44	51,112 74	236,507 56
Marathon County Bank.	Wausau	25,000 00	.....	2,191 92	39,677 52	11,000 00	77,869 44
Merch'ts & Mec. Sav. Bk	Janesville	100,000 00	.....	18,470 54	117,163 14	.....	235,633 68
Park Saving Bank.....	Madison	40,000 00	.....	.....	54,235 93	.....	94,235 93
People's State Bank ¹ ...	Burlington	19,900 00	.....	.....	164 70	7,866 85	27,931 55
State Bank	Madison	50,000 00	.....	.....	262,532 95	.....	312,532 95
Second Ward Saving Bk	Milwaukee	200,000 00	.....	.....	1,232,031 85	.....	1,432,031 85
South Side Savings B'k.	Milwaukee	25,000 00	.....	.....	205,400 57	27,236 18	257,636 75
Stevenson Banking Co..	Marinette	25,000 00	.....	553 82	71,791 42	16,254 98	113,600 22
Strong's Bank.....	Green Bay.....	50,000 00	.....	10,000 00	215,342 80	799 85	276,142 65
Wis. M. & F. Ins. Co. Bk	Milwaukee ...	100,000 00	\$1,180 00	.....	3,058,083 25	1,825,873 73	4,985,136 98
		\$1,496,031 33	\$1,403 00	\$158,855 79	\$7,618,941 10	\$2,344,389 14	\$11,611,615 36

¹ In liquidation.

Bank Statement.

Bank Statement.

SUMMARY

Of the items of capital, circulation, deposits, specie, cash items and public securities and bills of solvent banks of the banks of the state of Wisconsin, on the morning of Monday, July 7, 1879:

Capital.....	\$1,496,031 00
Circulation.....	1,403 00
Deposits	7,618,941 10
Specie.....	61,701 44
Cash items	157,689 52
Public securities.....	1,403 00
Bills of solvent banks	769,806 86

OFFICE OF STATE TREASURER,

MADISON, July 21, A. D. 1879.

I hereby certify that the foregoing statement is an abstract of the semi-annual reports made to this office by the several banks that made reports (as far as it was practicable to arrange the items under general heads), in pursuance of the provisions of the 41st section of the act entitled "An act to authorize the business of banking." Approved April 19, 1852.

RICHARD GUENTHER,

State Treasurer.

STATEMENT OF THE CONDITION OF BANKS AND BANKERS, ON THE FIRST MONDAY OF JULY, 1879.

NAME OF BANK OR BANKER.	LOCATION.	RESOURCES.						
		Loans and discs' except o partners.	Due from partners.	Due from brokers.	Overdrafts.	U. S. and other bonds on hand.	Loss and expenses	Specie.
Trempealeau County Bank	Arcadia	\$7,003 37					\$186 06	\$40 49
L. C. Wilmarth	Asbland	2,706 76			\$548 11			640 00
Bradford & Hackett	Augusta	6,135 39	\$301 89		3,043 70			65 50
Northrup & Co.	Belmont	3,247 80			143 79		237 90	108 96
C. A. Mather & Co.	Brlin	42,230 04			1,073 86	\$50 00	123 14	422 98
Sacket, Fitch & Co.	Berlin	43,424 25	1,156 52		762 41	6,550 00	684 92	321 75
Humphrey & Clark	Bloomington	9,181 93			560 00	1,100 00		
Bank of Brodhead	Brodhead	29,853 94	4,000 00				429 35	381 97
German Exchange Bank	Chilton	37,019 51			6,779 50			751 40
Seymour's Bank	Chippewa Falls	58,141 60			5,719 33		3,026 84	
Bank of Clinton	Clinton	18,366 20			555 98	3,000 00		550 00
Union Bank	Columbus	31,098 17			2,710 21		731 53	458 83
James Judge	Darlington	38,274 35			2,011 86		348 69	253 16
La Fayette County Bank	Darlington	47,186 08					752 89	
R. Herbert Jones	Depere	8,115 54			1,924 70	3,200 00	858 61	80 42
Rufus B. Kellogg	Depere	27,546 80					1 50	245 63
Sam. W. Reese	Dodgeville	5,807 42		11,200 00	3,403 38	50 00	488 23	501 27
Clark & Ingram	Eau Claire	79,892 91		120,802 04	976 06			498 61
Chippewa Valley Bank	Eau Claire	24,838 76			278 90	3,100 00	128 97	376 95
Savings Bank of Fond du Lac	Fond du Lac	58,427 03			618 27			261 00
R. A. Baker	Fond du Lac	67,488 33			200 48	9,100 00		420 00
Wm. H. Wells ^s	Fond du Lac							
Bank of Geneva	Geneva	7,386 89		15,000 00	1,122 95	1,200 00	456 83	792 71
Dan. Head & Co.	Kenosha	70,701 09	13,000 00	2500 00	1,976 70	3,000 00	301 95	1,301 25
John Carel	Kewaunee	9,550 00			200 00		362 30	198 20
Geo. W. Ryland	Lancaster	10,250 00				1,000 00	225 00	300 00
German Bank	Madison	30,303 33			545 57		18 05	260 06
T. C. Shove ^s	Manitowoc							
Bank of Mauston	Mauston	4,928 00		15,000 00	277 00	600 00		100 00

Condition of Private Banks and Bankers.

Condition of Private Banks and Bankers.

T. B. French.....	Menomonee.....	3,150 00		1,250 00		1,650 00	25 00
Schutte & Quilling.....	Menomonee.....	6,008 31					225 49
Belcher & Co.....	Milwaukee.....	1,637 50			1,187 02	35,800 00	229 88
Cramer & Co.....	Milwaukee.....	19,530 37			5,918 94		
Houghton Bros. & Co.....	Milwaukee.....	121,194 59		210,500 00		49,731 84	
Marshall & Ilsley.....	Milwaukee.....	668,604 97			7,673 94	201,414 97	5,486 00
City Bank ⁸	Mineral Point.....						
Wm. T. Henry ⁸	Mineral Point.....						
A. J. McCarn & Co.....	Muscoda.....	6,552 27					
H. K. Edgerton.....	Oconomowoc.....	3,145 49			147 57	2,000 00	980 98
Farnsworth & Smith.....	Oconto.....	27,612 30	8,575 00	897 10	122 00		1,289 59
Commercial Bank.....	Oshkosh.....	61,170 32	447 66		500 00	12,740 00	1,606 05
J. Hodges & Co.....	Platteville.....	93,509 47			25,131 23	1,400 00	66 40
Bank of Plymouth.....	Plymouth.....	24,458 45		9,079 08	815 64		518 14
German Exchange Bank.....	Portage.....	47,636 24			163 23	4,005 87	83 81
Ozaukee County Bank.....	Port Washington.....	43,549 06				4,000 00	374 26
Exchange Bank.....	Prairie du Chien.....	1,700 00			481 60		275 00
H. S. Miller.....	Prescott.....	20,005 29					285 65
Yahr, Thompson & Co.....	Princeton.....	18,103 79			2,811 83	800 00	451 87
Exchange Bank.....	Reedsburg.....						89 65
Reedsburg Bank.....	Reedsburg.....	29,886 01				350 00	225 25
Bowen & Wheeler.....	Ripon.....	783 43			95 00		2,086 83
Bank of River Falls.....	River Falls.....	40,350 00		2,785 00		10,000 00	220 00
Bank of Sharon.....	Sharon.....	14,678 46	2,696 40		12 00		68 95
Geo. W. Douglas.....	Shullsburg.....	7,007 19					382 32
M. A. Thayer & Co.....	Sparta.....	41,800 82			991 85	307 00	1,058 04
H. D. McCulloch.....	Stevens Point.....	20,580 18			1,363 20	7,000 00	
Stoughton State Bank.....	Stoughton.....	18,706 31			573 81		
Bank of Tomah.....	Tomah.....	6,867 49			2,241 81		754 31
Exchange & Savings Bank ⁸	Waupaca.....						
Waupaca Bank.....	Waupaca.....	8,865 00			1,186 00	2,500 00	
Geo. Jes ⁸ & Co.....	Waupaca.....	67,809 26			1,555 22	300 00	551 22
Silverthorn & Plumer.....	Wausau.....	21,421 24			1,433 60		
Bank of West Bend.....	West Bend.....	20,303 99			1,583 61		180 85
Weed, Gumear & Co.....	Weyauwega.....	6,530 00				1,000 00	306 10

¹ Other investments. ² Bank stock owned by bank. ³ Citizens' Loan Association Bonds. ⁴ Call loans. ⁵ City and county orders. ⁶ Not reported.

STATEMENT of the Condition of Private Banks and Bankers, on the first Monday of July, 1879.

NAME OF BANK OR BANKER.	LOCATION.	RESOURCES — continued.				
		Cash items.	Real estate, bank building, and fixtures.	U. S. and Na tional bank notes on hand.	Due from banks and bankers.	Total.
Trempealeau County Bank.....	Arcadia.....	\$219 95	\$412 90	\$2,018 00	\$1,399 09	\$11,279 86
L. C. Wilmarth.....	Ashland.....	123 81	2,000 00	429 00	2,932 83	9,880 51
Bradford & Hackett.....	Augusta.....	3,963 76			2,699 56	16,209 80
Northrup & Co.....	Belmont.....	884 75		2,746 00	2,297 47	9,166 67
C. A. Mather & Co.....	Berlin.....	179 60	5,000 00	8,245 00	11,465 71	68,790 33
Sacket, Fitch & Co.....	Berlin.....		2,005 58	9,674 00	9,432 71	74,011 34
Humphrey & Clark.....	Bloomington.....		1,390 02	2,370 00	649 55	15,251 50
Bank of Brodhead.....	Brodhead.....			9,564 00	26,224 84	70,454 10
German Exchange Bank.....	Chilton.....		650 00	5,940 01	2,499 24	53,639 66
Seymour's Bank.....	Chippewa Falls.....	4,057 29	16,558 75		2,992 15	90,495 96
Bank of Clinton.....	Clinton.....			11,822 00	10,052 16	44,346 34
Union Bank.....	Col mbus.....	706 62		6,800 00	14,011 47	56,516 83
James Judge.....	Darlington.....	2,139 92		9,526 00	8,855 74	61,409 73
La Fayette County Bank.....	Darlington.....	123 08		11,962 04	13,485 87	73,509 96
R. Herbert Jones.....	Depere.....	337 68	6,915 00	1,201 00	3,364 84	26,097 79
Rufus B. Kellogg.....	Depere.....	249 13		3,704 00	320 27	32,067 33
Sam. W. Reese.....	Dodgeville.....	1,315 59	2,000 00	3,239 70	11,235 52	29,241 11
Clark & Ingram.....	Eau Claire.....	650 59	2,810 81	6,919 00	30,405 59	142,905 61
Chippewa Valley Bank.....	Eau Claire.....	4,115 32		2,010 00	8,931 61	43,780 51
Savings Bank of Fond du Lac.....	Fond du Lac.....	172 38	27,377 18	11,071 36	11,159 16	109,214 81
R. A. Baker.....	Fond du Lac.....		113,265 00	14,911 43	6,471 30	211,856 54
Wm. H. Wells ^s	Fond du Lac.....					
Bank of Geneva.....	Geneva.....	822 38		9,998 94	12,327 09	39,098 79
Dan Head & Co.....	Kenosha.....	4,121 62	9,600 00	18,005 15	15,702 63	138,210 39
John Carel.....	Kewaunee.....		3,000 00	2,571 00	8,671 32	24,552 82
Geo. W. Ryland.....	Lancaster.....		2,000 00	5,100 00	8,105 00	26,980 00
German Bank.....	Madison.....	48 78	1,497 71	6,582 00	7,747 63	47,004 13
T. C. Slove ^s	Manitowoc.....					
Bank of Mauston.....	Mauston.....	172 00	4,500 00	1,430 00	3,185 00	20,192 00

Condition of Private Banks and Bankers.

Condition of Private Banks and Bankers.

T. B. French	Menominee.....	350 00	17,780 00	1,545 00	3,750 00	29,500 00
Schutte E Quilling.....	Menominee.....	14,800 00	1,500 00	1,393 00	676 53	24,603 33
Belcher & Co.....	Milwaukee.....	3,645 82		3,025 31	16,753 28	63,098 25
Cramer & Co.....	Milwaukee.....	918 47	4,000 00		2,318 17	32,685 95
Houghton Bros. & Co.....	Milwaukee.....	66,881 03			114,152 00	562,459 46
Marshall & Illsley.....	Milwaukee.....	26,960 67	26,450 00	116 125 00	203,536 84	1,256,252 39
City Bank ^s	Mineral Point.....					
Wm. T. Henry ^s	Mineral Point.....					
A. J. McCarn & Co.....	Muscoda.....		805 71	2,221 68	11,326 61	21,406 27
H. K. Edgerton.....	Oconomowoc.....	418 37	800 00	9,185 00	11,817 49	28,494 90
Farnsworth & Smith.....	Oconto.....	10,047 93	692 46	4,460 00	4,342 92	58,533 76
Commercial Bank.....	Oshkosh.....	649 45		18,512 00	25,054 52	120,480 00
J. Hodges & Co.....	Platteville.....	6,866 46			6,032 90	133,345 63
Bank of Plymouth.....	Plymouth.....	504 77	1,466 00	4,584 00	2,762 25	44,972 14
German Exchange Bank.....	Portage.....		524 75	4,918 48	8,780 20	66,403 03
Ozaukee County Bank.....	Port Washington.....	599 67		9,333 00	15,744 19	73,753 57
Exchange Bank.....	Prairie du Chien.....	200 00		1,954 00	5,400 00	10,311 00
H. S. Miller.....	Prescott.....	323 11	3,867 86	9,040 00	12,271 28	45,793 19
Yahr, Thompson & Co.....	Princeton.....	236 82	510 70	2,400 00	312 55	25,727 21
Exchange Bank.....	Reedsburg.....	3,190 26				3,190 26
Reedsburg Bank.....	Reedsburg.....	1,897 36	6,500 00		10,641 20	49,499 82
Bowen & Wheeler.....	Ripon.....	7,779 53	525 51	5,003 00	561 04	17,097 75
Bank of River Falls.....	River Falls.....	1,751 44		7,650 00	8,519 16	71,530 60
Bank of Sharon.....	Sharon.....	992 93	607 50	1,678 18	5,615 98	26,350 40
Geo. W. Douglass.....	Shullsburg.....	700 00	3,000 00	4,309 00	1,008 86	16,632 95
M. A. Thayer & Co.....	Sparta.....	6,109 06	1,000 00		9,177 74	60,444 51
H. D. McCulloch.....	Stevens Point.....			6,542 00	21,687 32	57,885 20
Stoughton State Bank.....	Stoughton.....		4,077 31	8,141 00	9,366 64	41,998 52
Bank of Tomah.....	Tomah.....	882 66			170 70	10,916 97
Exchange and Savings Bank ^s	Waupaca.....					
Waupaca Bank.....	Waupara.....			3,063 00	14,524 00	30,138 00
Geo. Jess & Co.....	Waupaca.....	2,768 77	8,275 08	15,185 00	5,461 18	103,692 23
Silverthorn & Plumer.....	Wausau.....		57,660 00	2,439 43	6,007 97	88,962 24
Bank of West Bend.....	West Bend.....	1,032 09	1,300 00	4,629 00	4,236 41	33,265 95
Weed, Guemar & Co.....	Weyauwega.....		4,000 00	2,062 00	4,197 44	19,735 63

^s Not reported.

STATEMENT of the Condition of the Private Banks and Bankers, on the First Monday of July, 1879 — continued.

NAME OF BANK OR BANKER.	Location.	LIABILITIES.				
		Capital.	Deposits on time.	Due depositors of demand.	Due others not included.	Total.
Trempealeau County Bank..	Arcadia	\$3,468 14	\$100 00	\$5,018 55	\$2,693 17	\$11,279 86
L. C. Wilmarth	Ashland	5,000 00	.....	2,774 00	1,606 51	9,380 51
Bradford & Hackett.....	Augusta.....	7,000 00	806 50	8,403 30	.....	16,209 80
Northrop & Co	Belmont	2,000 00	900 00	6,092 44	174 23	9,166 67
C. A. Mather & Co	Berlin	20,000 00	.....	44,606 30	4,184 03	68,790 33
Sacket, Fitch & Co	Berlin	35,000 05	6,148 33	26,743 27	6,119 74	74,011 34
Humphrey & Clark	Bloomington	3,500 00	3,391 00	1,090 00	7,270 50	15,251 50
Bank of Broadhead	Broadhead	25,000 00	.....	32,902 15	12,551 95	70,454 10
German E. change Bank	Clinton	4,500 00	46,341 34	2,798 32	.....	53,639 66
Seymour's Bank	Chippewa Falls	20,000 00	56,070 66	.....	14,425 30	90,495 96
Bank of Clinton	Clinton	8,500 00	8,305 70	27,540 64	.....	44,346 34
Union Bank	Columbus	12,000 00	12,106 38	28,830 32	3,580 13	56,516 83
James Judge	Darlington	12,871 34	33,351 96	15,186 42	.....	61,409 72
La Fayette County Bank	Darlington	18,000 00	3,577 0	49,374 24	2,558 66	73,509 96
R. Herbert Jones	Depere	10,000 00	7,624 87	6,972 92	1,500 00	26,097 79
Rufus B Kellogg	Depere	5,000 00	.....	26,555 66	511 67	32,067 33
Sam W Reese	Dodgeville	3,000 00	901 00	23,866 41	1,473 70	29,241 11
Clark & Ingram	Eau Claire	75,000 00	.....	53,883 19	14,022 42	142,905 61
Chippewa Valley Bank	Eau Claire	21,000 00	.....	22,067 86	712 65	43,780 51
Savings B'k of Fond du Lac,	Fond du Lac	10,0 0 00	49,720 27	19,507 26	29,987 28	109,214 81
R. A. Baker	Fond du Lac	133,972 46	59,844 31	7,960 02	10,079 75	211,856 54
Wm. M. Wells ¹	Fond du Lac .. . . . .	.....	.....	.....	.....	.....
Bank of Geneva	Geneva	9,000 00	5,500 00	12,274 78	12,324 01	39,098 79
Dan. Aead & Co	Kenosha	45,200 00	62,860 79	28,249 61	1,899 99	138,210 39
John Carel	Kewaunee	10,200 00	6,315 16	2,864 33	5,173 33	24,552 82
Geo. W. Ryland	Lancaster	10,000 00	14,150 00	2,830 11	.....	26,980 00
German Bank	Madison	10,000 00	.....	37,004 13	.....	47,004 13
T. C. Shove ¹	Manitowoc .. . . . .	.....	.....	.....	.....	.....
Bank of Mauston	Mauston	2,000 00	3,276 00	6,359 00	3,557 00	20,192 00

Condition of Private Banks and Bankers.

Condition of Private Banks and Bankers.

T. B. French	Menomonee	25,000 00	1,000 00	2,500 00	1,000 00	29,500 00
Schutte & Quilling	Menomonee	12,859 98	4,804 00	4,110 27	2,829 08	24,603 33
Belcher & Co.	Milwaukee	12,000 00	.....	24,209 00	26,889 25	63,098 25
Cramer & Co.	Milwaukee	5,000 00	4,074 80	5,808 16	17,802 99	32,685 95
Houghton Bros. & Co.	Milwaukee	50,000 00	² 7,009 00	330,327 46	175,123 00	562,459 46
Marshall & Ilsley	Milwaukee	100,000 00	601,919 14	482,840 97	71,492 28	1,256,252 39
City Bank ¹	Mineral Point .....	.....	.....	.....	.....	.....
Wm. T. Henry ¹	Mineral Point .....	.....	.....	.....	.....	.....
A. J. McCarn & Co	Muscoda	3,500 00	.....	13,645 54	4,260 73	21,406 27
H. K. Edgerton	Oconomowoc	2,700 00	.....	25,747 55	47 85	28,494 90
Farnsworth & Smith	Oconto	15,000 00	14,914 52	12,166 23	16,453 01	58,533 76
Commercial Bank	Oshkoah	25,000 00	.....	93,980 00	1,500 00	120,480 00
J. Hodges & Co	Plateville	10,000 00	65,023 73	32,636 35	² 26,285 55	133,345 63
Bank of Plymouth	Plymouth	5,000 00	17,092 88	21,823 05	1,056 21	44,972 14
German Exchange Bank	Portage	15,000 00	.....	43,753 03	7,650 00	66,403 03
Ozaukee County Bank	Port Washiuglon .....	.....	.....	45,615 36	28,138 21	73,753 57
Exchange Bank	Prairie du Chien .....	.....	.....	5,911 00	4,400 00	10,311 00
H. S. Miller	Prescott	10,000 00	.....	35,793 19	.....	45,793 19
Yahr, Thompson & Co.	Princeton	18,000 00	225 00	4,607 22	2,894 99	25,727 21
Exchange Bank	Reedsburgh .....	.....	.....	3,190 26	.....	3,190 26
Reecsburgh Bank	Reedsburgh .....	.....	7,050 00	20,336 65	22,083 17	49,499 82
Bowen & Wheeler	Ripon	⁶ 704 55	1,223 90	7,824 30	7,345 11	17,097 75
Bank of River Falls	River Falls	20,000 00	34,408 13	15,469 43	1,653 04	71,530 60
Bank of Sharon	Sharon	15,486 22	.....	10,864 18	.....	26,350 40
Geo. W. Douglass	Shullsburg	3,000 00	5,157 00	6,519 01	1,956 94	16,632 95
M. A. Thayer & Co.	Sparta .....	.....	36,293 34	23,667 87	473 30	60,444 51
H. D. McCulloch	Stevens Point	16,000 00	.....	41,385 20	.....	57,385 20
Stoughton State Bank	Stoughton	6,610 00	9,943 88	24,724 45	720 19	41,998 52
Bank of Tomah	Tomah .....	.....	.....	6,396 03	4,520 94	10,916 97
Exchange & Savings Bank ¹	Waupaca .....	.....	.....	.....	.....	.....
Waupaca Bank	Waupaca	6,315 00	.....	23,823 00	.....	30,138 00
Geo. Jess & Co	Waupaca	50,000 00	.....	50,634 82	² 3,054 41	103,692 23
Silverthorn & Plummers	Wausau	63,766 82	12,779 12	12,207 66	208 64	88,962 24
Bank of West Bend	West Bend	16,316 31	6,228 78	5,061 14	5,659 72	33,265 95
Weed, Gumear & Co.	Weyauwega	5,000 00	.....	14,735 63	.....	19,735 63

¹ Profit and loss.

² Surplus.

³ Not Reported.

5 - St. La.

Condition of Private Banks and Bankers.

OFFICE OF THE STATE TREASURER,

MADISON, *August 6, A. D. 1879.*

I hereby certify that the foregoing Statement is an abstract of the semi-annual reports made to this office by the several private banks and bankers that made reports (as far as it was practicable to arrange the items under general heads), in pursuance of the provisions of the 41st section of the act entitled "An act to authorize the business of banking," approved April 19, 1852, and section 2023, Revised Statutes.

RICHARD GUENTHER,

State Treasurer.

ANNUAL REPORT

OF THE

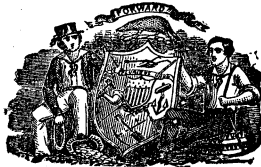
Commissioners of the Public Lands

OF THE

STATE OF WISCONSIN,

FOR THE

FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:

DAVID ATWOOD, STATE PRINTER.

1879.



ANNUAL REPORT
OF THE
COMMISSIONERS OF THE PUBLIC LANDS
OF THE
STATE OF WISCONSIN,
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.

OFFICE OF THE COMMISSIONERS OF THE PUBLIC LANDS,
MADISON, Wisconsin, October 10, 1879.

To His Excellency, WILLIAM E. SMITH,

Governor of the State of Wisconsin:

SIR: Section 185 of the Revised Statutes changes the designation of the custodians of the public lands from "Commissioners of School and University Lands" to "Commissioners of the Public Lands." As such commissioners, we have the honor to submit to you our second annual report, embracing the operations of the land department for the fiscal year ending September 30, 1879. We point with satisfaction to the detailed exhibits of the trusts committed to us, and desire to record our acknowledgment of the efficiency, industry and fidelity of those who have assisted us in the discharge of the onerous and complex duties of the department of public lands.

Lands held by the State.

LANDS HELD BY THE STATE.

Exhibit A shows the number of acres of each class of lands in the several counties and the aggregate. This exhibit was carefully computed from the journals of the land department, and is doubtless accurate. By this computation it appears that the state holds 1,537,600.24 acres; or, 27,550.50 more than would have been shown by the customary practice of adding forfeitures and other acquisitions, and subtracting sales to determine balance. The number of acres shown to belong to each class is as follows:

	<i>Acres.</i>
School lands	195,978.57
University	4,485.72
Agricultural College.....	26,447.53
Normal School.....	591,629.09
Drainage	703,474.82
Marathon County.....	7,436.96
Forfeited mortgaged lands.....	8,147.55
Total.....	<u>1,537,600.24</u>

To this footing is to be added 37,089.09 acres now approved to the state as indemnity for deficit in sixteenth section lands.

In the item of drainage lands is included several thousand acres reserved, by various acts of the legislature, for sale by certain local boards of swamp land commissioners. Reports of these sales that would enable us to give the exact number of acres yet on hand have not been made. There are also included in the above figures 50,631 acres reserved for a state park, in Lincoln county, by act of the legislature of 1878. These lands are embraced in the classes denominated school, normal school, and drainage.

The changes in the number of acres are accounted for as follows:

Number of acres held by the state Sept. 30, 1878	1,538,825.07
Increased by forfeitures	24,051.88
Increased by error in former reports	27,550.50
	<u>1,590,427.45</u>
Decreased by sales during the year	52,827.21
Lands held by the state Sept. 30, 1879	<u><u>1,537,600.24</u></u>

Contracted and Forfeited Mortgage Lands.

CONTRACTED LANDS.

Exhibit B shows the number of acres of land contracted in the several counties, the amount due thereon to each fund, and the aggregate. This exhibit was made directly from the books and records of the land department, to correct errors that had arisen through the time-honored practice of deducting payments and forfeitures, and adding sales, to determine balances. By this exhibit the balance due the several funds amounts to \$593,318.70; or \$22,514.09 more than would appear to be due on an estimate made upon the basis of former reports, which must be accounted a handsome disclosure to compensate the extra labor incurred.

Following is a statement of the amounts due to the several funds on these certificates of sale, including \$31,860.50 due on forfeited mortgaged lands :

School fund	\$366,141 43
University.....	41,218 99
Agricultural College.....	140,659 70
Normal School.....	35,468 36
	<hr/>
Drainage.....	\$583,488 48
	9,830 22
	<hr/>
Total.....	<u>\$593,318 70</u>

FORFEITED MORTGAGED LANDS.

The value of the lands now held by the state by reason of forfeitures for loans to individuals is shown by exhibit B to be \$31,860.50. This sum, however, exceeds their real or market value, and hence very few or no sales are made from this class. In order to realize from these lands for the benefit of the funds to which they belong, appraisers have been appointed, in accordance with the provisions of section 279 of the Revised Statutes, and when their work shall have been completed these lands will be duly advertised and offered for sale at the appraised value.

Forfeitures and Sales of the Public Lands.

FORFEITURES OF STATE LANDS.

The following is an exhibit of lands sold on certificates and lands mortgaged to secure loans to individuals that were forfeited for the non-payment of interest for the year 1878:

	<i>No. of Acres.</i>	<i>Amount.</i>
School lands	16,470.22	\$15,332 82
University lands	520.00	1,148 00
Agricultural College lands	4,526.08	3,893 00
Normal School lands	1,942.69	1,603 00
Drainage lands	100.89	113 00
School Fund loans	372.00	1,185 00
Normal School Fund loans	120.00	550 00
Total	<u>24,051.88</u>	<u>\$23,824 82</u>

PRICE AND TERMS OF SALE OF STATE LANDS.

Lands held by the state are subject to sale at private entry on the following terms: The School, University and Agricultural College lands are sold on ten years' time, twenty-five per cent. of the purchase money being required in cash, and the balance due drawing seven per cent. interest, payable annually in advance. The Normal and Drainage (swamp), and Marathon county lands are sold for cash. The prices range as follows:

School lands, from	\$1 00 to \$1 25	per acre.
University lands, from	2 00 to 3 00	per acre.
Agricultural College lands		1 25 per acre.
Normal School lands (swamp), from	50 to 1 25	per acre.
Drainage lands (swamp), from	50 to 1 25	per acre.
Marathon county lands		75 per acre.

SALES OF THE PUBLIC LANDS.

The whole number of acres of land sold during the fiscal year was 52,827.21, against 61,758.42 acres sold in the preceding fiscal year, which was larger because of the new lands offered at public auction. The sales of 1879 are classified as follows:

School Lands	16,735.80
University	360
Agricultural College	11,855.82
Normal School	10,213.50
Drainage	13,391.85
Marathon County	282.24
Total	<u>52,827.21</u>

Fees, Charges and Loans.

For detailed statement of these sales see exhibits C, D, E, F, G, and H. Exhibits C, D, E, and F, show the number of acres of each class sold in each county, the amount sold for, amount paid at time of sale, and balance remaining due, on which the several funds are receiving seven per cent. interest.

Exhibit G shows the amount of drainage money apportioned to the several counties for the year ending June 30, 1879, pursuant to section 254 of the revised statutes, the sources from which the same was derived, and the number of acres of drainage lands sold during the fiscal year ending September 30, 1879.

Exhibit H shows the sale of Marathon county lands, which were for cash, for the general fund.

In these several exhibits the sums given under the headings "Amount sold for" and "Amount of principal paid," taxes and other charges collected at time of sale are included.

FEES AND INCIDENTAL CHARGES.

Under provisions of the revised statutes, the fee for patent or certificate is reduced to fifty cents, and certificate is not issued when full payment is made. The fee for patent or certificate was formerly \$1.50, and certificate was issued and charged for in every instance. These modifications of the law very materially affect the income from this source, rendering it merely nominal. But a nominal charge is made for certified copies of field notes or plats, and for diagrams or other miscellaneous services, as it is believed to be the policy of the state to furnish such information to its citizens at little or no cost. The amount paid into the general fund on these accounts during the fiscal year was \$1,216.96.

OUTSTANDING LOANS.

TO INDIVIDUALS.

Exhibit K shows amount of outstanding loans to individuals, in the several counties, aggregating \$140,585.99. These loans were made prior to the year 1864, and were long since matured, but are

Outstanding Loans.

extended under the provisions of section 265 of the revised statutes. Although the statutes authorizing these loans have not been repealed, the great losses sustained by the several trust funds in times past, partly in consequence of the impossibility of obtaining correct *data* for securities, have admonished the commissioners in office since that time that they are unwise and unsafe, and hence none have been made by them. We have had frequent applications for loans under these statutes, but have deemed it best for the security of the trust funds to decline to make a single investment of this character. These outstanding loans belong to the several funds as follows:

School fund.....	\$83,790 49
University fund.....	3,125 00
Normal School fund.....	53,680 50
	\$140,585 99
	\$140,585 99

TO SCHOOL DISTRICTS.

Exhibit L. shows the loans outstanding to school districts, aggregating \$211,312.18, and are from the several funds as follows:

From School fund	\$131,385 18
From University fund.....	24,235 02
From Agricultural College fund.....	22,711 32
From Normal School fund	32,980 66
	\$211,312 18
	\$211,312 18

OTHER INVESTMENTS.

These are specifically enumerated in the several statements of the productive trust funds, elsewhere.

The labor of preparing these detailed statements of loans, it is believed, will be appreciated by the people because of the information they contain, and the greater accuracy of statement thereby secured over the former practice of procuring balances from the figures of each preceding report.

The Productive Trust Funds.

INVESTMENTS DURING THE YEAR.

The investments of the trust funds made during the year are shown in exhibit M, and amount to \$162,750 to counties, towns, etc., according to provisions of laws cited in said exhibit, and \$19,440 to school districts, pursuant to chapter 17, Revised Statutes. The items of the latter amount appear in the detailed statement of loans to school districts, and are designated therein by a star (*). These investments were made from the several funds as follows:

School Fund.....	\$121,940 00
University.....	15,000 00
Agricultural College.....	500 00
Normal School.....	52,750 00
Total.....	<u>\$190,190 00</u>

THE PRODUCTIVE TRUST FUNDS.

The following statement shows the amount of the productive capital of the several trust funds on the 30th day of September, 1879:

SCHOOL FUND.

The school fund is composed of:

1. Proceeds of all lands granted by the United States for support of schools.
2. All moneys accruing to the state by forfeiture or escheat.
3. All penalties for trespass on school lands.
4. All fines collected in the several counties for breaches of penal laws.
5. All moneys paid as an exemption from military duty.
6. Five *per cent.* of the net proceeds of the sale of United States public lands.

Due on Certificates of Sale and forfeited mortgaged lands	\$366,141 43
Loans to Individuals and School districts.....	215,165 67
State Certificates of Indebtedness.....	1,562,700 00
United States bonds.....	75,000 00
Milwaukee city bonds.....	170,000 00
Loan to Iowa county.....	45,000 00
Mineral Point, city and town.....	30,000 00
Racine county.....	6,250 00
Clark county.....	10,000 00
Wood county.....	46,500 00

School, University and Agricultural College.

Due on Loan to Mineral Point Academy.....	\$5,000 00
Juneau county.....	7,500 00
Jackson county.....	20,000 00
Polk county.....	2,500 00
Town of Rushford.....	2,000 00
Necedah.....	13,050 00
Newport.....	750 00
Board of Education, Baraboo.....	8,000 00
Burnett county.....	20,000 00
City of New London.....	11,500 00
Mineral Point.....	18,000 00
Town of Mineral Point.....	12,000 00
Little Wolf.....	5,000 00
Luck.....	2,500 00
City of Jefferson.....	5,000 00
Barron County.....	20,000 00
 Total Investments.....	 <u><u>\$2,679,557 10</u></u>

UNIVERSITY FUND.

The proceeds of sales of land granted by the United States to the state for the support of the state university form the university fund.

Due on certificates of sale and forfeited mortgaged lands	\$41,218 99
loans — individual and school district.....	27,360 02
state certificates of indebtedness.....	111,000 00
Dane county bonds.....	14,500 00
Milwaukee bonds.....	10,000 00
loan to Shawano county.....	15,000 00
 Total investments.....	 <u><u>\$219,079 01</u></u>

AGRICULTURAL COLLEGE FUND.

The proceeds of sales of 240,000 acres of land granted by the United States to the state for the support of an institution of learning wherein shall be taught the principles of agriculture and the mechanic arts, form the agricultural college fund.

Due on certificates of sale.....	\$140,659 70
loans to school districts.....	22,711 32
state certificates of indebtedness.....	51,600 00
Milwaukee bonds.....	10,000 00
Dane county bonds.....	3,000 00
loan to city of New London.....	500 00
 Total investments.....	 <u><u>\$228,471 02</u></u>

Normal School and Drainage.

NORMAL SCHOOL FUND.

This fund consists of one-half the proceeds of the sales of all swamp and overflowed lands received by the state from the United States under the grant approved September 28, 1850.

Due on certificates of sale and forfeited mortgaged lands	\$35,468 36
loans to individuals and school districts	86,661 16
state certificates of indebtedness.....	515,700 00
Milwaukee bonds.....	160,000 00
Kinnickinnick town bonds.....	1,300 00
Troy town bonds	1,000 00
River Falls town bonds	6,000 00
Clifton town bonds	1,500 00
loan to Iowa county.....	85,000 00
Racine county.....	3,750 00
Wood county.....	69,500 00
town of Pine Valley	1,800 00
town of Princeton	4,000 00
city of La Crosse	40,000 00
board of education of Neenah.....	10,000 00
Albany city bonds	2,000 00
loan to board of education of Beaver Dam	4,000 00
city of Waupaca.....	1,500 00
town of Waupaca	750 00
Total investments.....	\$1,029,929 52

DRAINAGE FUND.

This fund consists of one-half the proceeds of the sales of all swamp and overflowed lands received by the state from the United States, under the grant of 1850, and is annually apportioned on the first Monday of July among the several counties wherein such lands lie, in proportion to the amount of sales in the respective counties.

Prior to the year 1865, drainage lands were sold on certificates; since that date, for cash only. Hence the productive capital of this fund consists of the balance remaining unpaid on the certificates issued prior to 1865. The amount of this fund reported September 30, 1878, was \$10,521.23; the decrease during the past year has been, by payments, \$326.00; by forfeitures, \$100.89; by error of former reports, \$264.12; showing actual amount of this fund at this date to be \$9,830.22.

Incomes and Disbursements of the Trust Funds.

COMPARED WITH LAST YEAR.

	1878.	1879.	Increase.	Decrease.
School Fund.....	\$2,621,879 57	\$2,679,557 10	\$57,677 53	.....
University Fund	218,090 77	219,079 01	988 24	.....
Agr. College Fund...	244,263 18	228,471 02	.....	15,792 16
Normal School Fund	1,004,907 67	1,029,929 52	25,021 85	.....
Drainage Fund.....	10,521 23	9,830 22	.....	691 01
Total	<u>\$4,089,141 19</u>	<u>\$4,166,866 87</u>	<u>\$83,687 62</u>	<u>\$16,483 17</u>

Showing a net increase in the productive trust funds amounting to \$67,204.45.

INCOMES AND DISBURSEMENTS OF THE TRUST FUNDS.

SCHOOL FUND.

The interest received on school fund investments and on the principal due for sales of school lands constitutes the school fund income. The amount of this income in the treasury on the first day of June is annually certified by the Secretary of State to the State Superintendent, and by him apportioned among the several counties of the state in the manner provided by law. The receipts and disbursements during the year were as follows:

Receipts.

Balance on hand Sept. 30, 1878.....	\$13,131 90
Interest on land certificates and loans to districts.....	42,066 95
Interest on State certificates of indebtedness	109,179 00
Interest on U. S. bonds.....	2,373 30
Interest on Wisconsin bonds	180 00
Interest on Milwaukee city.....	11,900 00
Interest on loans to counties, cities and towns...	15,033 65
Tax levy per chapter 247, R. S.....	7,088 36
Refund percentage on purchase of U. S. bonds ..	875 00
Transfer from Agricultural College Fund Income	71
Transfer from delinquent tax fund.....	6 01
	<u>\$201,834 88</u>

Disbursements.

Apportionment by State Superintendent.....	\$181,429 02
Expenses in securing school land deficit	677 87
Transfer to delinquent tax fund.....	2 10
Overpayments refunded	496 28
On hand Sept. 30, 1879	19,229 61
	<u>\$201,834 88</u>

Incomes and Disbursements of the Trust Funds.

ESCHEATED LANDS.

A small parcel of land in Grant county having escheated to the state, to the credit of the school fund, under the provisions of subdivision 7 of section 2270 of the revised statutes, we caused the same to be appraised, and have advertised it to be sold at public sale on the 11th of November next. Appraised value, \$393.65.

UNIVERSITY FUND.

This income is derived chiefly from the annual tax levy authorized by section 390, R. S., and from the interest on university land certificates and loans, and is applied to the support of the university. The receipts and disbursements during the year have been as follows:

Receipts.

Interest on land certificates and loans.....	\$5,028 68
Interest on state certificates of indebtedness.....	7,770 00
Interest on Milwaukee and Dane county bonds..	1,715 00
Interest and premium on Lewis medal fund.....	1 84
Interest on Johnson endowment.....	500 00
Annual appropriation, per Sec. 390, R. S.....	41,310 30
From sale of Soldiers' Orphans' Home.....	4,700 00
From students' fees.....	4,387 42
From sale of "Experimental Farm" products..	617 80
Sundry items (see report of Secretary of State)...	719 93
	<hr/>
	\$66,750 97
	<hr/> <hr/>

Disbursements.

To treasurer of State University.....	\$66,713 87
Overpayments refunded.....	37 10
	<hr/>
	\$66,750 97
	<hr/> <hr/>

AGRICULTURAL COLLEGE FUND.

This income is derived from the interest on the agricultural college land certificates and loans, and is applied to the support of the university. The receipts and disbursements during the year have been as follows:

Receipts.

Interest on land certificates and loans.....	\$11,624 79
Interest on State certificates of indebtedness....	3,612 00
Interest on Milwaukee city and Dane county bonds	962 50
	<hr/>
	\$16,199 29
	<hr/> <hr/>

Incomes and Disbursements of the Trust Funds.

Disbursements.

To treasurer of State University.....	\$15,830 55
Transferred to School Fund Income.....	71
Overpayments refunded.....	368 03
	<hr/>
	\$16,199 29
	<hr/> <hr/>

NORMAL SCHOOL FUND.

This income is derived from the interest on normal school land certificates and loans, and is applied to establishing and maintaining normal schools. Receipts and disbursements during the year have been as follows:

Receipts.

Interest on land certificates and loans.....	\$8,627 11
Interest on state certificates of indebtedness....	36,099 00
Interest on Milwaukee city bonds.....	11,200 00
Interest on various town and city bonds.....	1,016 00
Interest on loans to counties, towns, etc.....	11,155 81
Tuition fees at several normal schools.....	13,070 12
Overpayment on text books refunded.....	420 28
	<hr/>
	\$81,588 32
	<hr/> <hr/>

Disbursements.

To treasurer of Board of Normal School Regents.....	\$81,569 87
Overpayments refunded.....	18 45
	<hr/>
	\$81,588 32
	<hr/> <hr/>

DRAINAGE FUND.

Receipts.

From sales of land.....	\$10,363 57
Interest on land certificates.....	759 35
Dues paid on land certificates.....	279 00
Penalties.....	6 38
Balance on hand September 30, 1878.....	5,651 55
	<hr/>
	\$17,059 85
	<hr/> <hr/>

Disbursements.

Apportionment to counties, July 1, 1879.....	\$11,907 87
Overpayment refunded.....	102 12
Balance on hand September 30, 1879.....	5,049 86
	<hr/>
	\$17,059 85
	<hr/> <hr/>

Changes in the Productive Trust Funds.

COMPARED WITH LAST YEAR.

The incomes of the several funds for the fiscal year ending September 30, 1878, and September 30, 1879, stand as follows:

	1878.	1879.	Increase.	Decrease.
School Fund	\$185,348 82	\$188,702 93	\$3,354 16	.....
University.....	57,557 68	66,750 97	9,193 29	.....
Agricult'l College	17,326 31	16,199 29	.....	1,127 02
Normal School..	66,447 64	81,588 32	15,140 68	.....
Total.....	<u>\$326,680 45</u>	<u>\$353,241 56</u>	<u>\$27,688 13</u>	<u>\$1,127 02</u>
Drainage Fund ..	<u>\$740 85</u>	<u>\$759 35</u>	<u>18 50</u>	.....

Showing a net increase of the income of the productive trust funds amounting to \$26,561.11.

CHANGES IN THE PRODUCTIVE TRUST FUNDS.

The changes in the several productive funds during the year have been as follows:

SCHOOL FUND.

Amount productive per report September 30 ....	.....	\$2,621,879 57
Decreased by payments on certificates of sale....	\$29,511 76	.....
by forfeitures of certificates of sale.....	15,332 82	.....
by payment on loans to individuals and school districts.....	25,404 03	.....
by forfeitures of loans to individuals...	1,185 00	.....
by payments on loans to counties, towns, etc.	25,825 00	.....
by transferred to loans to cities, towns, etc.....	8,000 00	.....
		<u>105,258 61</u>
		\$2,516,620 96
Increased by certificates of sale.....	\$12,572 40	.....
by loans to school districts	19,440 00	.....
by loans to counties, towns, etc	102,500 00	.....
by transferred from district loan account.....	8,000 00	.....
by error in former reports of loans....	276 03	.....
by error in former reports of certificates of sale	20,147 71	.....
		<u>162,936 14</u>
		\$2,679,557 10
Net increase.....		<u>\$57,677 53</u>

Changes in the Productive Trust Funds.

UNIVERSITY FUND.

Amount productive per report of Sept. 30, 1878.....		\$218,090 77
Decreased by payments on certificates of sale....	\$2,854 00	.....
forfeiture of certificates of sale.....	1,148 ..	.....
payments on loans to individuals and school districts.....	8,957 79	.....
errors in estimate of loans in former reports.....	1,050 00	.....
error in estimate of certificates in former reports.....	758 97	14,768 76
		<hr/>
		203,322 01
Increased by certificates of sale.....	757 00	.....
loan to Shawano county.....	15,000 00	15,757 00
		<hr/>
Total productive September 30, 1879		219,079 01
		<hr/>
Net increase.....		988 24
		<hr/> <hr/>

AGRICULTURAL COLLEGE FUND.

Amount productive per report, Sept. 30, 1878		244,263 18
Decreased by payments on certificates of sale....	8,746 00	.....
forfeitures of certificates of sale....	3,893 00	.....
payments on loans to school districts	8,113 46	.....
payments on Dane county bonds ..	1,500 00	.....
error in estimate of loans in former reports.....	134 00	.....
error in estimate of certificates in former reports.....	1,505 40	23,801 86
		<hr/>
		220,371 32
Increased by certificates of sale	7,599 70	.....
loan to city of New London	500 00	8,099 70
		<hr/>
Total productive Sept. 30, 1879.....		228,471 02
		<hr/>
Decrease		15,792 16
		<hr/> <hr/>

NORMAL SCHOOL FUND.

Amount productive per report of Sept. 30, 1878....		\$1,004,907 67
Decreased by payment on certificates of sale.....	\$2,165 00	.....
forfeiture of certificates of sale.....	1,603 00	.....
payments on loans to individuals and school districts.....	16,152 22	.....
forfeiture of loans to individuals and school districts.	550 00	.....
payment on loans to counties, towns, etc.....	15,975 00	36,445 22
		<hr/>
		968,462 45
		<hr/> <hr/>

Incomes and Disbursements of the Trust Funds.

Increased by certificates of sale	\$906 00	
loans to counties, towns etc	52,750 00	
error in estimate of loans in former reports	3,394 00	
error in estimate of certificates in former reports.....	4,417 C7	61,467 07
Total productive Sept. 30, 1879.....		<u>\$1,029,929 52</u>
Net increase.....		<u><u>\$25,021 85</u></u>

DRAINAGE FUND.

Amount productive per report of Sept. 30, 1878..		\$10,521 23
Decreased by payment of certificates of sale.....	\$326 00	
forfeiture of certificates of sale	100 89	
error in former reports as to amount due on certificates	264 12	691 01
Amount productive Sept. 30, 1879.....		<u>\$9,830 22</u>
Net decrease.....		<u><u>\$691 01</u></u>

COMPARED WITH LAST YEAR.

The following statement shows the amount of the productive funds of the several classes, September 30, 1878, and September 30, 1879, and the differences between the same:

	1878.	1879.	Increase.	Decrease.
School.....	\$2,621,879 57	\$2,679,557 10	\$57,677 53	.....
University ..	218,090 77	219,079 01	988 24	.....
Ag'l College.	244,263 18	228,471 02	.....	\$15,792 16
Norm'l Sch'l.	1,004,907 67	1,029,929 52	25,021 85	.....
Drainage....	10,521 23	9,830 22	.....	691 01
Totals ...	<u>\$4,099,662 42</u>	<u>\$4,166,866 87</u>	<u>\$67,204 45</u>	<u>\$16,483 17</u>

Increase, \$83,687.62; decrease, \$16,483.17; net increase, \$67,204.45.

2 — COM. PUB. LANDS.

The Unproductive Trust Funds.

THE UNPRODUCTIVE TRUST FUNDS.

The nonproductive capital of the several funds consists of unsold lands and cash in the treasury. The following table exhibits the amount unproductive September 30, 1879 :

<i>Funds.</i>	<i>Lands. Estimated Value.</i>	<i>Cash.</i>	<i>Aggregate.</i>
School	\$230,766 39	\$34,435 45	\$265,201 84
University	11,892 61	5,812 60	17,705 21
Agricultural College.....	33,059 41	36,248 22	69,307 63
Normal School	601,183 70	23,948 25	625,131 95
Drainage	633,127 34	5,049 86	638,177 20
Total.....	\$1,510,029 45	\$105,494 38	\$1,615,523 83

NOTE.— School lands estimated at \$1.10 per acre; University at \$2.50; College at \$1.25; Normal School at \$1.00, and Drainage at 90c.

COMPARED WITH LAST YEAR.

The aggregate unproductive capital as compared with the same on September 30, 1878, is as follows :

<i>Fund.</i>	1878.	1879.
School Fund.....	\$307,797 70	\$265,201 84
University.....	16,690 03	17,705 21
Agricultural College.....	60,439 93	69,307 63
Normal School.....	700,541 88	625,131 95
Drainage.....	773,189 86	638,177 20
Total.....	\$1,858,659 40	\$1,615,523 83

MORE PUBLIC LANDS.

Mention was made, in our last report, of the effort to obtain from the United States indemnity for deficits in sixteenth section lands, under an act of congress of 1859. We are now able to state the recognition of the claim of the state, as presented by the governor, by the department of the interior. We have received from the commissioner of the general land office approved lists for 30,678.04 acres of these lands, and daily expect the certificate for 6,411.05 more. Claim was also made for 5,653.94 acres of same class of lands lying within Indian reservations in this state, on which no determination is yet reached. When the expected certificate from the general land office shall have been received, the 37,089.09 acres will be at once put upon the market. The selections are good agricultural lands, and will be sold at \$1.25 per acre.

More Public Lands.

We deem it not inappropriate to congratulate the people of the state of Wisconsin upon this valuable addition to their school fund. For it they are largely indebted to their present chief executive, whose industry and influence in this direction have been invaluable. It is also but just to add that the detail labor of preparing the claim, involving careful research and immense clerical work, was performed in the state land office at intervals in the pressure of routine duties, without extra expense to the state. Beyond an expenditure of \$677.87, as fees to the registers and receivers of the United States land offices within this state, and for traveling expenses, not an additional dollar of expense has been incurred to secure the addition of \$46,361.36 to the public school fund.

Encouraged by the success of the claim for indemnity for school lands, a greater work, for indemnity for swamp lands not received, was at once undertaken. For years this question had been agitated among state officials, but nothing had been attempted in the way of setting it at rest. His excellency, the governor, having received from the department of the interior assurance that a claim would be fairly considered, we, co-operating with him, have caused to be prepared in the state land office, without additional expense, as in the matter of school lands, a detailed statement of the lands to which the state is deemed to be entitled under the grant of 1850, together with a list of the lands received under said grant, and such other *data* as may be useful in determining the rights of the State. This work, requiring volumes of clerical labor and painstaking inquiry into musty records, is now so far completed as to assure us that the outcome will reward the laborer and justify the expectations of those who prompted the labor. More may not now be said; but we desire to predict that thousands of acres of land may be added to the possessions of the state during the next year, as the fruit of this undertaking.

Respectfully submitted,

HANS B. WARNER, Secretary of State.

RICHARD GUENTHER, State Treasurer.

ALEX. WILSON, Attorney General.

Commissioners of the Public Lands.

A.—Number of Acres of Land held by State.

EXHIBIT A. — Showing the number of Acres of the several classes of lands held by the State, and the aggregate thereof, Sept. 30, 1879.

COUNTIES.	School Lands.	Univer- sity.	Forfeited mortgage.	Agricult'l College.	SWAMP.		Maratho county.	Total.
	Acres.Hds.	Acres Hds.	Acres.Hds.	Acres.Hds	Normal. Acres. Hds.	Drainage. Acres Hds.	Acres.Hds.	Acres. Hds.
Adams	5,266.41	.....	1,762.00	.....	8,945.52	15,415.73	.....	31,389.66
Ashland.....	9,240.00	.....	.....	.....	47,662.76	53,949.79	.....	110,852.55
Barron.....	880.00	.....	.....	.....	1,064.52	1,321.30	.....	3,265.82
Bayfield.....	17,470.53	.....	.....	.....	8,445.34	10,932.70	.....	35,848.57
Brown.....	360.00	.....	.....	.....	40.00	1,011.62	.....	1,411.62
Buffalo.....	1,616.09	.....	160.00	.....	.....	3,604.11	.....	5,380.20
Burnett.....	17,303.37	215.53	.....	.....	21,512.17	26,648.15	.....	65,679.22
Calumet.....	.....	.....	.....	.....	.....	604.80	.....	604.80
Chippewa.....	7,548.21	630.87	.....	235.93	14,693.87	19,010.77	.....	42,119.65
Clark.....	1,280.00	480.00	160.00	39.22	2,797.98	3,488.32	.....	8,245.52
Columbia.....	15.35	.....	290.66	.....	.....	.....	.....	306.01
Crawford.....	887.42	157.42	209.43	.....	.....	861.96	.....	2,116.23
Dane.....	.....	.....	.50	.....	.....	677.64	.....	678.14
Dodge.....	40.00	.....	4.00	.....	1,033.08	4,781.57	.....	5,858.65
Door.....	980.76	440.00	.....	.....	5,074.80	5,864.56	.....	12,360.12
Douglas.....	12,741.56	.....	.....	.....	46,712.43	34,894.57	.....	94,348.56
Dunn.....	1,840.00	.....	200.00	.....	80.00	320.00	.....	2,440.00
Eau Claire.....	2,720.00	890.00	282.00	.....	.....	814.84	.....	4,706.84
Fond du Lac.....	.....	.....	.....	.....	.....	136.35	.....	136.35
Grant.....	234.31	.....	.....	.....	.....	.....	.....	234.31
Green Lake.....	.....	.....	142.58	.....	.....	307.80	.....	450.38
Iowa.....	80.00	.....	10.00	.....	.....	21.72	.....	111.72
Jackson.....	7,807.57	.....	600.00	.....	5,886.33	8,049.15	.....	22,343.05
Jefferson.....	.....	.....	.....	.....	.....	157.20	.....	157.20
Juneau.....	596.07	.....	241.00	.....	20,323.70	22,377.73	.....	43,538.50
Kewaunee.....	.....	.....	.....	.....	681.71	2,005.85	.....	2,686.56
La Crosse.....	313.40	.....	160.00	.....	95.53	2,289.47	.....	2,858.40

A.—Number of Acres of Land held by State.

La Fayette	30.00							30.00
Lincoln	30,332.95			13,860.46	159,651.18	160,710.56		364,554.95
Manitowoc	242.85		8.50		40.00	2,367.08		2,658.43
Marathon	4,551.00	560.00	26.50		10,099.17	17,139.32	7,436.96	39,812.95
Marquette	11,319.88				25,903.87	37,468.63		74,692.38
Marquette	938.00		340.00			1,742.17		3,020.17
Milwaukee			1.00					1.00
Monroe	2,763.08		320.00		680.00	4,291.61		8,054.69
New	16,742.10			1,000.48	72,288.72	71,125.15		161,156.45
Oconto	12,341.44		40.00	480.00	55,839.27	53,091.40		121,792.11
Outagamie	200.00				1,967.32	13,698.80		15,866.12
Ozaukee			3.00					3.00
Pepin	560.00	196.90				344.32		1,101.22
Pierce	240.00					120.00		360.00
Polk	3,159.26			4,283.60		2,135.84		9,578.70
Portage	2,419.09	784.96	649.16		10,742.97	25,620.60		40,216.78
Price	6,557.31				38,795.52	44,003.14		89,355.97
Richland	920.00	40.00						960.00
Rock	1.00	2.00	4.00					7.00
St. Croix	280.00							280.00
Sauk	1,120.00		245.00			120.00		1,485.00
Shawano	4,445.08			6,467.84	12,783.52	19,375.44		43,071.88
Sheboygan						36.36		36.36
Taylor	600.00			80.00	11,304.78	14,165.03		26,149.81
Trempealeau	520.00	80.00	277.22			893.11		1,770.33
Vernon	1,714.76		40.00		437.57	1,708.38		3,900.71
Washington			6.00					6.00
Waukesna						103.64		103.64
Waupaca	1,040.00				240.00	5,754.03		7,034.03
Waushara	9,119.72		1,685.00			859.94		4,664.66
Winnebago		8.04				544.45		562.49
Wood	2,600.00		280.00		5,805.46	6,498.32		15,183.78
Total	195,978.57	4,485.72	8,147.55	26,447.53	591,629.09	703,474.82	7,436.96	1,537,600.24

EXHIBIT B.—Showing number of Acres of Lands held on Certificate of Sale and amount due thereon.

COUNTIES.	No. of Acres.	Due on Sch'l lands.	Due on Uni- vers'y lands	Due on Col- lege lands.	Due on Mort- gaged lands.	Due on Nor- mal School lands.	Due on Drainage Lands.	Total Am't due State.
Adams	3,935.63	\$2,140.00			\$1,285 00	\$537 00		\$3,962 00
Ashtland	8,412.58	5,739.00						5,739 00
Baird	7,363.32	5,562.00						5,562 00
Bayfield	3,360.00	2,214.00						2,214 00
Brown	3,810.00	4,510.62	\$216 00		504 00	226 00	\$90 00	5,546 62
Buffalo	4,469.76	4,417.00					268 22	4,685 22
Burnett	1,956.50	1,409.00						1,409 00
Calumet	2,168.20	2,029.52	832 00			242 00		3,103 52
Chippewa	22,560.49	7,134.79	3,535 00	\$9,472 00	426 00	219 00		20,786 79
Clark	13,257.96	5,099.00	90 00	6,477 00	60 00	60 00		11,786 00
Columbia	6,759.98	9,651.01	448 00		2,391 00		317 00	12,807 01
Crawford	4,609.49	4,248.96	312 00		493 30			5,054 26
Dane	6,939.89	14,536.04	943 00		835 00	855 00	1,335 00	18,504 04
Dodge	1,242.34	161 00	220 00		1,330 00	1,140 36		2,851 36
Door	4,568.51	2,809.00	1,137 00			601 00		4,547 00
Douglas	1,600.00	1,294.00						1,294 00
Dunn	10,469.15	5,554.00	406 00	1,756 00	74 00	589 00	473 00	8,842 00
Eau Claire	7,978.17	2,498.00	8,111 75		1,472 00		485 00	12,566 75
Fond du Lac	343.00	307.00	163 00		350 00		90 00	910 00
Grant	3,939.27	4,964.80	145 00		463 00	45 00	45 00	5,662 80
Green	1,202.07	822.00	1,870 00				40 00	2,732 00
Green Lake	1,490.82	2,249.20				359 00	411 00	3,019 20
Iowa	3,326.28	6,861.27	473 00		1,234 00			8,568 27
Jackson	9,773.64	9,459.00			1,044 00	465 00		10,968 00
Jefferson	1,242.50	1,139 00			150 00	90 00	364 00	1,743 00
Juneau	2,751.00	1,974.00			195 00	409 00		2,578 00
Kenosha	100.48	581.00						581 00
Kewaunee	700.00	794.00				516 00		1,310 00
La Crosse	2,573.19	3,552.31			1,278 00		415 00	5,245 31
La Fayette	2,667.59	4,491.86			364 00			4,855 86

B.—Lands held on Certificate of Sale.

B.—Lands held on Certificate of Sale.

Lincoln	32,689.36	3,161.00	.....	26,326 00	.....	.....	.....	29,487 00
Manitowoc	3,220.05	3,528.70	.....	.....	1,508 00	.....	463 00	5,499 70
Marathon	10,969.43	9,120.00	918 00	.....	75 00	.....	.....	10,113 00
Marinette	3,814.50	3,340.00	.....	.....	.....	585 00	.....	3,925 00
Marquette	5,135.86	2,213.00	.....	.....	2,665 00	171 00	1,916 00	6,965 00
Milwaukee	44.46	125.00	.....	.....	730 00	.....	.....	855 00
Monroe	8,983.77	8,125.80	.....	.....	1,103 00	1,082 00	.....	10,310 80
New	17,901.18	3,639.00	.....	12,565 70	.....	.....	.....	16,204 70
Oconto	10,645.86	3,378.00	.....	3,465 00	.....	2,603 00	.....	9,446 00
Outagamie	9,053.04	7,687.23	.....	.....	1,000 00	1,413 00	.....	10,100 23
Ozaukee	105.00	857.00	.....	.....	.....	.....	.....	857 00
Pepin	2,021.57	377.00	2,932 00	.....	198 00	.....	499 00	4,006 00
Pierce	24,932.49	19,257.70	15,755 24	.....	.....	.....	.....	35,012 31
Polk	54,899.96	5,104.00	.....	44,565 00	.....	874 00	.....	50,543 00
Portage	5,114.00	2,896.77	55 00	.....	1,443 00	689 00	.....	5,083 77
Price	2,440.00	2,099.00	.....	.....	.....	.....	.....	2,099 00
Racine	239.13	1,077.00	.....	.....	.....	.....	.....	1,077 00
Richland	10,649.72	14,336.45	579 00	.....	349 00	117 00	.....	15,381 45
Rock	1,020.28	5,008.00	423 00	.....	1,025 00	110 00	.....	6,566 00
St. Croix	36,367.89	45,183.72	562 00	.....	866 00	98 00	98 00	46,807 72
Sauk	5,923.16	7,515.13	.....	.....	1,109 00	.....	144 00	8,768 13
Shawano	50,501.66	24,469.02	.....	15,123 00	.....	8,390 00	45 00	48,027 02
Sheboygan	560.00	1,097.00	.....	.....	200 00	.....	.....	1,297 00
Taylor	27,301.44	3,870.00	.....	20,910 00	.....	.....	.....	24,780 00
Trempealeau	7,305.37	6,380.27	90 00	.....	65 00	.....	219 00	6,754 27
Vernon	23,532.36	25,771.14	.....	.....	75 00	45 00	.....	25,891 14
Walworth	495.23	2,911.00	.....	.....	.....	.....	.....	2,911 00
Washington	40.00	.....	.....	.....	174 00	.....	.....	174 00
Waukesha	480.00	236.30	.....	.....	87 00	.....	315 00	588 30
Waupaca	6,869.08	6,675.15	.....	.....	968 00	929 00	534 00	9,106 15
Waushara	5,190.83	2,700.00	.....	.....	2,052 00	.....	1,218 00	5,970 00
Winnebago	671.71	259.00	176 00	.....	1,010 00	696 00	46 00	2,187 00
Wood	5,933.73	5,259.00	.....	.....	1,260 00	572 00	.....	7,091 00
Total	520,673.93	345,849.13	40,391 99	140,659 70	31,860 30	24,727 36	\$9,830 22	\$593,318 70

NOTE.—Of the \$31,860 30 due on Forfeited Mortgaged Land, \$20,292 30 belong to the School Fund, \$827 00 belong to the University Fund, \$10,741 00 to the Normal School Fund.

C.—Sale of School Lands.

EXHIBIT C.—Showing Sales of Schools Lands for the fiscal year ending September 30, 1879.

COUNTIES.	No. of acres.	Amount sold for.	Principal and charges paid.	Interest paid.	Deposit paid.	Balance due State.
Adams	120.00	\$154 86	\$40 86	\$6 21	.....	\$114 00
Ashland	1,000.00	928 18	369 18	5 83	.....	559 00
Barron	80.00	80 13	52 13	27	.....	28 00
Bayfield	560.00	468 13	111 13	11 62	.....	357 00
Brown	480.00	463 40	55 80	1 38	\$23 60	384 00
Buffalo	120.00	318 23	134 23	2 67	.....	184 00
Burnett	680.00	714 57	274 57	10 09	.....	440 00
Calumet .....	.....	.....	.....	.....	.....	.....
Chippewa	880.00	881 94	286 94	2 97	1 00	594 00
Clark	200.00	215 96	146 33	16	.....	69 63
Columbia	40.00	62 76	12 76	18	.....	50 00
Crowford	40.00	40 46	13 46	1 04	.....	27 00
Door	712.98	781 13	449 85	4 33	28	331 00
Douglas	80.09	82 07	53 07	1 56	.....	29 00
Dunn	120.00	114 83	30 83	93	.....	84 00
Eau Claire	160.00	162 11	17 04	38	43 07	102 00
Grant	40.00	82 13	82 13	.....	.....	.....
Green .....	.....	.....	.....	.....	.....	.....
Green Lake	80.00	364 30	364 30	.....	.....	.....
Jackson	360.00	351 30	187 80	7 09	3 50	160 00
Juneau	120.00	122 64	37 64	93	.....	85 00
Kewaunee	40.00	50 21	35 21	58	.....	15 00
La Crosse	40.00	84 96	9 96	27	.....	75 00
Lincoln	1,357.72	1,599 61	880 61	18 50	.....	719 00
Marathon	1,049.43	1,225 91	422 91	15 54	.....	803 00
Marquette	280.00	320 04	83 04	8 40	.....	237 00
Marquette	220.00	425 34	101 34	8 50	.....	324 00
Milwaukee .....	.....	209 62	209 62	.....	.....	.....
Monroe	359.98	520 84	93 84	9 92	.....	427 00
New	400.00	500 00	500 10	.....	.....	.....
Oconto	560.00	622 28	194 28	9 65	.....	428 00
Outagamie	387.04	434 41	72 41	1 20	33 00	329 00
Pierce	240.00	326 99	48 99	1 02	.....	278 00
Polk	120.00	144 09	40 09	5 19	.....	104 00
Portage	560.76	716 42	295 65	16 41	.....	420 77
Racine	40.28	105 75	21 75	39	.....	84 00
Richland	520.00	601 32	116 32	3 38	.....	485 00
Rock	66	29 26	8 26	78	.....	21 00
St. Croix	400.00	501 46	189 46	8 49	.....	312 00
Sauk	280.00	609 40	144 40	24 84	.....	465 00
Shawano	1,480.00	1,691 12	1,124 62	19 87	50	566 00
Taylor	400.00	441 53	113 02	1 15	9 51	319 00
Trempealeau	80.00	95 91	24 91	2 01	.....	71 00
Vernon	529.75	714 05	109 05	4 73	.....	6 05
Waupaca	676.96	1,124 43	303 43	28 77	.....	821 00
Wood	828.24	1,362 15	296 15	33 10	.....	1,066 00
Total	16,723.80	\$20,846 23	\$8,159 37	\$280 32	\$114 46	12,572 40

D.—University Lands. E.—Agricultural College Lands.

EXHIBIT D.—*Showing Sales of University Lands, for the fiscal Year ending September 30, 1879.*

COUNTIES.	Acres.	Amount sold for.	Principal paid.	Interest paid.	Bal. due state.
Chippewa	80	\$225 75	\$52 75	\$5 09	\$173 00
Door	80	208 50	38 50	2 73	170 00
Eau Claire	40	120 00	30 00	1 15	90 00
Pierce	80	188 85	19 86	66	169 00
St Croix	40	87 20	22 20	04	65 00
Trempeleau	40	120 00	30 00	1 81	90 00
Total	360	\$950 30	\$193 30	\$11 48	\$757 00

EXHIBIT E.—*Showing Sales of Agricultural College Lands for the fiscal Year ending September 30, 1879.*

COUNTIES.	Acres.	Amount sold for.	Prin. and charg's pd	Amount paid.	Dep's't paid.	Balance due state.
Chippewa	120.00	\$142 25	\$51 05	\$2 83	.....	\$91 00
Clark	160.00	197 90	49 90	52	.....	148 00
Dunn	80.00	91 20	24 20	4 58	.....	67 00
Lincoln	2,926.08	3,648 37	3,013 37	12 38	.....	635 00
New	2,200.00	2,720 85	1,259 15	62 13	.....	1,461 70
Oconto	1,682.28	2,064 95	1,213 05	38 19	.....	851 00
Polk	160.00	186 42	46 42	8 45	.....	130 00
Shawano	917.46	1,133 96	279 87	30 40	5 09	849 00
Taylor	3,640.00	4,276 66	909 66	14 44	.....	3,367 00
Total	11,855.82	\$14,452 36	\$6,847 57	\$173 92	\$5 09	\$7,599 70

F.—Sales of Normal School Lands.

EXHIBIT F.—*Showing sales of Normal School Lands for the year ending September 30, 1879.*

COUNTIES.	Number of Acres.	Amount sold for.	Principal and Charges Paid.	Interest Paid.	Deposit Paid.	Balance due State.
Ashland	292.31	\$365 39	365 39			
Barron	80.00	80 98	80 98			
Bayfield	40.00	50 00	50 00			
Burnett	405.19	469 45	469 45			
Chippewa	198.10	168 58	168 58			
Clark	40.00	30 00	30 00			
Columbia	40.00	50 00	50 00			
Dane	40.00	72 75	72 75			
Door	2,942.70	2,147 98	2,147 98			
Douglas	320.00	400 00	400 00			
Iowa	80.00	425 35	425 35			
Jackson	334.39	220 37	160 37	22		\$60 00
Juneau	440.00	229 11	229 11			
Kewaunee	240.00	172 44	172 44			
Lincoln	320.00	400 00	400 00			
Marathon	480.00	548 10	548 10			
Marinette	480.00	571 63	571 63			
Marquette	80.00	94 90	24 90	07		70 00
New	702.15	877 68	877 68			
Oconto	1,150.73	1,259 90	1,181 90	\$2 86		78 00
Outagamie	40.00	37 36	37 36			
Polk	40.00	30 00	30 00			
Portage	240.15	300 96	150 96	54		150 00
St. Croix	City Lot.	250 00	63 00	10 44		187 00
Shawano	987.78	1,311 23	1,023 13	2 12	\$2 10	236 00
Taylor	40.00	50 00	50 00			
Vernon	40.00	83 00	8 00	27		75 00
Wood	120.00	98 19	98 19			
Total	10,213.50	\$10,795 35	\$9,887 25	\$16 52	\$2 10	\$906 00

EXHIBIT G. — Showing Apportionment of Drainage Fund for the year ending June 30, 1879, and of Drainage Lands sold during the year ending September 30, 1879.

COUNTIES.	Amount of sales.	Amount of Dues.	Amount of Interest.	Am't of penalt's on taxes.	Am't of material sold.	Total amount apportioned.	COUNTIES.	Acr's of land sold during year ending Sept. 30, '79
Adams	\$60 00					\$60 00	Adams	80.00
Ashland	150 00					150 00	Ashland	234.60
Bayfield	50 00					50 00	Barron	80.00
Brown			\$3 15			3 15	Brown	
Buffalo	59 08		27 55			86 63	Buffalo	159.58
Burnett	599 09					598 09	Burnett	360.00
Chippewa	213 35					213 35	Chippewa	80.00
Clark	80 00					80 00	Clark	120.00
Columbia			22 19			22 19	Columbia	
Dane		\$43 00	100 07			143 07	Dane	
Door	2,135 85			\$1 29		2,141 14	Door	3,601.02
Douglas	329 16					329 16	Douglas	120.00
Dunn		65 00	36 31			101 31	Dunn	
Eau Claire			33 95			33 95	Eau Claire	
Fond du Lac			6 30			6 30	Fond du Lac	
Grant			3 15			3 15	Grant	
Green			2 80			2 80	Green	
Green Lake			46 41			46 41	Green Lake	
Jackson	254 69					254 69	Jackson	120.00
Jefferson	48 15		15 12			63 25	Jefferson	40.00
Juneau	360 00					360 00	Juneau	360.00
Kewaunee	378 02			6 64		384 66	Kewaunee	798.86
La Crosse	20 00		33 04			53 04	La Crosse	80.00
Lincoln	498 66				\$60 00	558 66	Lincoln	439.73
Manitowoc		92 00	34 29			126 29	Manitowoc	
Marathon	738 93			1 17		740 10	Marathon	478.56
Marquette		61 00	142 83			203 83	Marquette	

G — Apportionment of Drainage Fund.

X HIBIT G.— Showing Apportionment of Drainage Fund for the year ending June 30, 1879, and of Drainage Lands sold during the year ending September 30, continued.

COUNTIES.	Amount of sales.	Amount of Dues.	Amount of Interest.	Am't of penal't's on taxes.	Am't of material sold.	Total amount apportioned.	COUNTIES.	Acr's of land sold during year ending Sept. 30, '79
Marinette	\$428 01					\$428 01	Marinette	640.00
Monroe	99 95					90 95	Monroe	199.89
New	548 50					548 50	New	617.95
Oconto	1,125 90			59		1,126 49	Oconto	1,512.68
Pepin			\$47 53			47 53	Pepin	
Pierce	10 24			24		10 48	Pierce	8.19
Portage	408 25			56		408 81	Portage	357.69
Price	150 00					150 00	Polk	80.00
St. Croix	30 00					30 00	St. Croix	
Sauk		\$65 00	11 11			76 11	Sauk	
Shawano	711 30		3 15			714 45	Shawano	1,077.23
Taylor	300 00					300 00	Taylor	160.00
Trempealeau			12 18			12 18	Trempealeau	
Waukesha			44 10			44 10	Waukesha	
Waupaca	425 22		37 65	36		463 24	Waupaca	884.60
Waushara	180 00		82 11			262 11	Waushara	160.00
Winnebago	197 74		45 85			243 59	Winnebago	301.27
Wood	126 08					126 08	Wood	240.00
Total	\$10,720 17	\$326 00	\$790 85	\$10 85	\$60 00	\$11,907 87	Total	13,391.85

G.— Apportionment of Drainage Fund.

H. — Marathon Co. Lands. K. — Loans to Individuals.

EXHIBIT H. — *Showing Sales of Marathon County Lands, during the Fiscal Year ending September 30, 1879.*

No. of acres 282.24 Amount sold for..... \$221 69

EXHIBIT K. — *Showing Amount due on Loans to Individuals, on the 30th of September, 1879.*

COUNTIES.	FUNDS.			Total.
	School.	University	Nor'l Sch'l.	
Adams.....	\$1,397 00		\$2,050 00	\$3,447 00
Brown.....	580 00		3,250 00	3,830 00
Buffalo.....	800 00		650 00	950 00
Calumet.....	800 00		200 00	1,000 00
Chippewa.....	500 00			500 00
Columbia.....	7,275 00		2,525 00	9,800 00
Crawford.....			500 00	500 00
Dane.....	9,954 33	\$300 00	3,064 00	13,318 33
Dodge.....	1,540 00	400 00	1,200 00	3,140 00
Dunn.....	600 00		300 00	900 00
Eau Claire.....	300 00		500 00	800 00
Fond du Lac.....	3,652 00	500 00	1,450 00	5,602 00
Grant.....	4,220 00		2,700 00	6,920 00
Green.....	1,200 00		1,000 00	2,200 00
Green Lake.....	1,300 00		500 00	1,800 00
Iowa.....	3,438 96	350 00	3,400 00	7,188 96
Jackson.....	100 00		1,300 00	1,400 00
Jefferson.....	2,393 00		763 00	3,156 00
Juneau.....	1,350 00		1,500 00	2,850 00
Kewaunee.....	200 00		200 00	400 00
Kenosha.....	500 00		1,000 00	1,500 00
La Crosse.....	1,150 00		1,464 50	2,614 50
La Fayette.....	2,830 00		1,400 00	4,230 00
Manitowoc.....	2,450 00		1,550 00	4,000 00
Marquette.....	2,511 50	200 00	1,950 00	4,661 50
Milwaukee.....	700 00	400 00		1,100 00
Monroe.....	1,883 16		875 00	2,758 16
Outagamie.....	1,350 00		2,100 00	3,450 00
Ozaukee.....	250 00			250 00
Pepin.....	643 00			643 00
Pierce.....	700 00		633 00	1,333 00
Portage.....	3,925 00		1,050 00	4,975 00
Racine.....	2,550 00		2,100 00	4,650 00
Richland.....	246 00	350 00	590 00	1,186 00
Rock.....	2,800 00		2,850 00	5,650 00
St. Croix.....	752 00		300 00	1,052 00
Sauk.....	1,700 00		400 00	2,100 00
Sheboygan.....	2,500 00	400 00	1,150 00	4,050 00
Trempealeau.....	700 00		575 00	1,275 00
Vernon.....	300 00		367 00	667 00
Walworth.....	1,765 00	225 00	361 00	2,351 00
Washington.....	1,100 00		1,100 00	2,200 00
Waukesha.....	1,599 00		500 00	2,099 00
Waupaca.....	2,508 54		2,130 00	4,638 54
Waushara.....	2,050 00		550 00	2,600 00
Winnebago.....	2,717 00		1,633 00	4,350 00
Wood.....	500 00			500 00
Totals.....	\$83,780 49	\$3,125 00	\$53,680 50	\$140,585 99

L.—Loans to School Districts.

EXHIBIT L.—*Showing Loans to School Districts on September 30, 1879.*

NOTE.—The loans marked by a star (*) were made during the fiscal year ending Sept. 30, 1879.

Date of loan	No. and Location of District.	Amount of Loan.	Balance.	Fund.
ADAMS COUNTY.—\$1,177.42				
1876	No. 3. Leola	\$200 00	\$50 00	University.
1876	2. Leola	250 00	166 67	College.
1876	4. Jackson	160 00	40 00	College.
1876	1. Big Flats	300 00	200 00	University.
1877	2. Lincoln	154 00	77 00	College.
1877	1. Springville.....	300 00	200 00	University.
1878	6. Jnt. Lincoln and Richfield.	200 00	200 00	University.
1878	2. Jnt. Adams and Easton....	325 00	243 75	School.
BARRON COUNTY.—\$434.00.				
1878	No. 1. Jnt. Dallas (and Sherman, Dunn county)	434 00	434 00	School.
BROWN COUNTY.—\$18,420.00.				
1870	City of Green Bay	10,000 00	4,000 00	School.
1871	2. Fort Howard	12,000 00	12,000 00	School.
1872	1. Borough of Fort Howard .	2,000 00	2,000 00	School.
1879*	3. Rockland	120 00	120 00	School.
1879*	2. Suamico	300 00	300 00	School.
BAYFIELD COUNTY.—\$400.00.				
1871	No. 1. Bayfield.....	2,000 00	400 00	School.
BUFFALO COUNTY.—\$1,649.75.				
1871	No. 1. Glencoe.....	550 00	110 00	School.
1871	2. Naples.....	1,878 00	234 75	School.
1872	2. Cross	500 00	200 00	School.
1876	4. Montana	200 00	80 00	College.
1876	2. Alma	500 00	250 00	Norm. Sch.
1877	4. Lincoln	400 00	200 00	University.
1877	3. Buffalo	150 00	75 00	University.
1879*	2. Glencoe.....	200 00	200 00	School.
1879*	2. (Jt.) Waumansa, Montana and Glencoe	300 00	300 00	School.
CALUMET COUNTY.—\$1,475.00.				
1870	No. 1. Chilton	1,000 00	200 00	University.
1875	3. (Jt.) Woodville & Rantoul..	775 00	775 00	University.
1876	2. Brillion	500 00	500 00	University.

L.—Loans to School Districts.

Date of loan.	No. and Location of District.	Amount of loan.	Balance due.	Fund.
CLARK COUNTY, \$5,162.50.				
1874	Dist. 4. Pine Valley.....	\$6,000 00	\$2,000 00	University.
1875	1. (Jt.) Unity and Brighton...	1,500 00	300 00	College.
1875	1. Beaver.....	400 00	100 00	College.
1876	3. Colby.....	100 00	100 00	University.
1876	1. Mayville.....	1,200 00	840 00	Norm. Sch.
1877	3. (Jt.) Pine Valley & Weston.	600 00	360 00	University.
1877	7. Weston.....	350 00	262 50	University.
1879*	2. Loyal.....	600 00	600 00	School.
1879*	3. Loyal.....	600 00	600 00	School.
CHIPPEWA COUNTY, \$2,470.				
1871	Dist. 1. La Fayette.....	698 00	200 00	School.
1871	1. (Jt.) Edson and Seigel.....	300 00	130 00	Norm. Sch.
1875	1. Wheaton.....	1,000 00	400 00	Norm. Sch.
1877	7. Edson.....	250 00	150 00	University.
1877	3. Edson.....	160 00	120 00	College.
1878	1. Worcester.....	1,500 00	1,500 00	University.
COLUMBIA COUNTY, \$3,760.				
1870	Dist. 6. (Jt.) Newport, Dell Prairie.	10,000 00	3,000 00	Norm. Sch.
1876	2. Wycocena.....	240 00	240 00	University.
1877	5. Fountain Prairie.....	200 00	120 00	University.
1877	6. Fountain Prairie.....	500 00	400 00	University.
CRAWFORD COUNTY, \$8,076.06				
1871	Dist. 11. Utica and Clayton.....	600 00	120 00	School.
1871	2. Wauzeka.....	900 00	200 00	College.
1876	Prairie du Chien.....	8,000 00	5,600 00	School.
1876	5. (Jt.) Freeman and Utica..	400 00	200 00	College.
1876	10. Clayton.....	150 00	150 00	University.
1876	8. (Jt.) Scott and Richwood.	400 00	400 00	Norm. Sch.
1878	8. (Jt.) Eastman and Haney.	200 00	166 66	University.
1878	17. Seneca.....	278 00	222 40	College.
1878	9. Seneca.....	417 00	417 00	School.
1878*	9. (Jt.) Haney and Clayton..	300 00	300 00	School.
1879*	11. (Jt.) Haney and Scott.....	150 00	150 00	School.
1879*	7. Eastman.....	150 00	150 00	School.
DANE COUNTY, \$3,325.				
1871	Dist. 6. Roxbury.....	800 00	100 00	School.
1871	4. Cross Plains.....	500 00	100 00	School.
1871	1. Fitchburg.....	600 00	200 00	School.
1876	5. Roxbury.....	500 00	350 00	University.
1877	3. Cross Plains.....	825 00	275 00	University.
1877	3. Sun Prairie.....	700 00	600 00	College.
1878	1. Westport.....	1,000 00	1,000 00	Col. ge.
1878	3. (Jt.) Oregon and Montrose.	400 00	400 00	School.
1879*	2. Roxbury.....	300 00	300 00	School.

L. — Loans to School Districts.

Date of Loan	Number and Location of District.	Amount of Loan.	Balance Due.	Fund.
DOOR COUNTY, \$1,833 34.				
1870	Dist. 1. Sturgeon Bay.....	\$2,000 00	\$500 00	School.
1876	1. Gibraltar	500 00	300 00	Norm. Sch.
1877	1. Jacksonport.....	500 00	333 34	College.
1878	1. Bailey's Harbor	700 00	700 00	School.
DODGE COUNTY, \$5,000 00.				
1875	Mayville Union Dist. Williamstown	5,000 00	5,000 00	School.
DUNN COUNTY, \$3,836 26.				
1875	Dist. 2. Rock Creek	600 00	300 00	Norm. Sch.
1875	8. Spring Brook.....	250 00	100 00	Norm. Sch.
1875	7. Sherman	200 00	50 00	School.
1876	2. Spring Brook.....	1,200 00	900 00	College.
1876	4. Stanton	300 00	300 00	Norm. Sch.
1876	6. Menomonie	200 00	100 00	University.
1876	7. New Haven	400 00	100 00	Norm. Sch.
1877	5. Weston	250 00	83 34	University.
1877	6. Tainter.....	168 66	149 92	College.
1878	4. Sheridan	200 00	133 00	University.
1878	2. Sherman	400 00	400 00	School.
1878*	1. Sherman	300 00	300 00	School.
1878*	1. (Jt.) Weston and Eau Galle .	420 00	420 00	School.
1878*	6. Stanton	300 00	300 00	School.
1879*	2. Stanton	200 00	200 00	School.
EAU CLAIRE COUNTY, \$5,506 66.				
1870	Dist. 1. West Eau Claire and Union	10,000 00	1,000 00	Norm. Sch.
1872	1. North Eau Claire.....	5,000 00	1,500 00	School.
1874	3. City of Eau Claire	3,000 00	600 00	College.
1875	8. Otter Creek.....	500 00	100 00	School.
1875	3. Fairchild	800 00	500 00	College.
1876	4. Bridge Creek.....	600 00	240 00	Norm. Sch.
1876	2. Pleasant Valley.....	600 00	466 66	Norm. Sch.
1876	3. Otter Creek	200 00	100 00	University.
1877	2. Otter Creek	100 00	100 00	University.
1877	1. Fairchild.....	400 00	300 00	University.
1877	1. Washington	400 00	300 00	Norm. Sch.
1879*	6. Otter Creek.....	300 00	300 00	School.
FOND DU LAC COUNTY, \$100 00.				
1874	Dist. 4. Byron.....	400 00	100 00	School.
GRANT COUNTY, \$6,960 00.				
1869	Dist. 3. Lancaster	15,000 00	5,000 00	School.
1870	4. Wingville	3,500 00	1,400 10	School.
1875	3. Watterstown.....	600 00	200 00	College.
1877	4. Mount Hope	700 00	350 00	College.

L. — Loans to School Districts.

Date of Loan	Number and Location of District.	Amount of Loan.	Balance Due.	Fund.
GREEN COUNTY, \$2,633.34.				
1871	Dist. 1. Monroe	10,000 00	2,000 00	School.
1875	7. (Jt.) Adams & Washington	400 00	100 00	College.
1877	12. (Jt.) Jordan and Monroe..	500 00	300 00	University.
1877	5. Clarno	700 00	233 34	College.
GREEN LAKE COUNTY, \$1,200.00.				
1870	Dist. 1. Berlin	6,000 00	1,200 00	School.
IOWA COUNTY, \$4,075.00.				
1874	Dist. 11. Highland	800 00	600 00	University.
1876	8. Highland	2,000 00	1,400 00	School.
1876	1. Pulaski	1,100 00	825 00	School.
1877	8. Highland	600 00	500 00	University.
1878	13. Mineral Point	350 00	350 00	School.
1878	17. Dodgeville	400 00	400 00	School.
JACKSON COUNTY, -2,175 00				
1875	Dist. 8. Northfield	100 00	25 00	University.
1876	5. Alma	1,400 00	1,400 00	College.
1876	6. Melrose	500 00	200 00	College.
1877	7. Manchester	150 00	150 00	College.
1879*	2. Northfield	200 00	200 00	School.
1879*	10. Hixton	200 00	200 00	School.
JEFFERSON COUNTY, \$4,000.00.				
1871	Dist. 1. (Jt.) Lake Mills, Aztalan, Wilford	4,000 00	4,000 00	School.
JUNEAU COUNTY, \$6,015.00.				
1874	Dist. 6. (Jt) Plymouth & Wonewoc	2,500 00	1,250 00	School.
1875	3. Plymouth	300 00	100 00	University.
1876	1. (Jt) Wonewoc & Woodland	3,591 00	3,591 00	Norm. Sch.
1876	4. Lindina	400 00	300 00	Norm. Sch.
1877	9. (Jt.) Summit and Lindina	140 90	84 00	University.
1877	7. Lindina	300 00	250 00	College.
1877	4. (Jt.) Summit, 7-Mile Creek	250 00	200 00	University.
1878	8. (Jt.) Summit, 7-Mile Creek	300 00	240 00	School.
KEWAUNEE COUNTY, \$1,250.00.				
1874	Dist. 1. Ahnapee	2,500 00	1,250 00	College.
LA CROSSE COUNTY, \$1,100.00				
1875	Dist. 6. Hamilton	2,000 00	500 00	College.
1877	1. Onalaska	800 00	400 00	University.
1879*	3. Farmington	200 00	200 00	School.

L.—Loans to School Districts.

Date of loan.	No. and Location of District.	Amount of Loan.	Balance Due.	Fund.
	LA FAYETTE COUNTY, \$11,610.			
1870	Dist. 12. Center	\$10,000 00	\$10,000 00	School.
1875	11. (Jt.) Darlington & Gratiot.	600 00	360 00	College.
1876	9. Fayette	200 00	100 00	University.
1876	1. Argyle	1,000 00	600 00	Norm. Sch.
1878*	4. Kendall	250 00	250 00	School.
1879*	7. (Jt.) Darlington & Seymour	300 00	300 00	School.
	LINCOLN COUNTY, \$800.			
1871	Dist. 1. Jenney	3,000 00	600 00	Norm. Sch.
1871	6. Texas	200 00	200 00	University.
	MANITOWOC COUNTY, \$8,360.			
1871	Dist. 2. Manitowoc	8,000 00	4,000 00	School.
1871	1. City of Manitowoc	10,000 00	4,000 00	Norm. Sch.
1876	6. (Jt.) Manitowoc & Newton.	600 00	360 00	Norm. Sch.
	MARATHON COUNTY, \$5,135.			
1871	Dist. 1. Wausau	5,000 00	1,250 00	Norm. Sch.
1871	4. Texas	500 00	200 00	College.
1875	3. Brighton, now Spencer...	1,990 00	995 00	School.
1875	4. Brighton	125 00	50 00	University.
1875	5. Brighton	1,000 00	700 00	College.
1876	1. (Jt.) Hull and Colby	1,200 00	800 00	Norm. Sch.
1876	1. Holton	200 00	200 00	Norm. Sch.
1877	4. Bergen	150 00	150 00	University.
1877	3. Brighton	600 00	200 00	University.
1877	8. Wausau	300 00	240 00	University.
1877	3. Knowlton	200 00	150 00	Norm. Sch.
1879*	3. Holeton	200 00	200 00	School.
	MARQUETTE COUNTY, \$500.			
1878	Dist. 3. Springfield	250 00	200 00	School.
1879*	2. Moundville	300 00	300 00	School.
	MONROE COUNTY, \$2,562.34.			
1875	Dist. 3. Ridgville	1,800 00	450 00	Norm. Sch.
1875	1. (Jt.) Wilton & Wellington.	940 00	805 68	School.
1876	2. Glendale	800 00	480 00	College.
1876	4. Glendale	350 00	210 00	University.
1876	4. Wellington	350 00	116 66	University.
1876	6. Glendale	400 00	200 00	University.
1876	3. Wilton	400 00	300 00	College.
	OUTAGAMIE COUNTY, \$9,171.			
1874	Dist. 4. Town of Grand Chute....	700 00	400 00	University.
1874	2. City of Appleton	2,000 00	1,000 00	School.
1875	2. Kaukauna	1,200 00	600 00	Norm. Sch.
1876	3. Appleton	2,000 00	1,400 00	Norm. Sch.

L.—Loans to School Districts.

Date of Loan	Number and Location of District.	Amount of Loan.	Balance due.	Fund.
<i>OUTAGAMIE COUNTY — continued.</i>				
1876	Dist. 6. (Jt.) Dale and Caledonia...	\$300 00	\$100 00	University.
1877	3. Appleton.....	1,000 00	800 00	College.
1878	4. Seymour.....	1,000 00	900 00	School.
1878	3. Kaukanna.....	428 00	321 00	School.
1878*	5. Kaukanna.....	300 00	300 00	School.
1878*	4. Appleton....	3,000 00	2,700 00	School.
1878*	5. Dale.....	200 00	200 00	School.
1879*	1. (Jt.) Kaukanna, Wrightst'wn	450 00	450 00	School.
PEPIN COUNTY, \$2,900.00.				
1876	Dist. 2. Albany.....	400 00	400 00	University.
1876	Durand.....	3,000 00	2,500 00	School.
PIERCE COUNTY, \$3,413 50.				
1874	Dist. 1. Ellsworth.....	2,000 00	1,000 00	College.
1874	2. Martell.....	500 00	100 00	University.
1875	8. Maiden Rock.....	280 00	56 00	College.
1877	5. (Jt.) River Falls and Martell	600 00	360 00	College.
1877	4. Trenton.....	200 00	100 00	University.
1877	6. Martell.....	500 00	300 00	College.
1878	7. Maiden Rock.....	200 00	160 00	College.
1878	3. (Jt.) Hartland and Salem..	450 00	337 50	University.
1878	2. Salem.....	400 00	300 00	School.
1879*	1. Trenton.....	400 00	400 00	School.
1879*	4. Spring Lake.....	300 00	300 00	School.
POLK COUNTY, \$1,652.50.				
1877	Dist. 6. Black Brook.....	400 00	240 00	College.
1877	2. Luck.....	300 00	262 50	University.
1877	3. Lincoln.....	375 00	375 00	Norm. Sch.
1878	4. Black Brook.....	350 00	350 00	Norm. Sch.
1878	4. Luck.....	150 00	125 00	University.
1878	6. Alden.....	400 00	300 00	University.
PORTAGE COUNTY, \$4,762.50				
1875	Dist. 1. Plover.....	1,000 00	600 00	School.
1876	5 (Jt.) Pine Grove & Almond	250 00	100 00	Norm. Sch.
1876	2. Buna Vista.....	300 00	200 00	University.
1876	2. Stevens Point.....	400 00	200 00	University.
1876	4. Stevens Point.....	225 00	75 00	College.
1877	2. (Jt.) Almana and Oasis....	450 00	337 50	University.
1877	1. Stevens Point.....	2,000 00	1,500 00	Norm. Sch.
1877	1. Stevens Point.....	2,000 00	1,500 00	School.
1878	2. Pine Grove.....	200 00	150 00	College.
1878	4. (Jt.) Lanark & Buena Vista	150 00	100 00	School.
PRICE COUNTY, \$500.00.				
1879*	Dist. 2. Brannan.....	500 00	500 00	School.
RICHLAND COUNTY, \$2,490.88				
1870	Dist. 2. Richland.....	1,500 00	500 00	College.
1871	6. (Jt.) Richland and Layton..	500 00	112 00	School.
1876	6. (Jt.) Bloom and Forrest....	250 00	150 00	College.
1876	1. Richwood.....	1,000 00	700 00	School.

L.—Loans to School Districts.

Date of loan.	Number and Location of District.	Amount of loan.	Balance due.	Fund.
RICHLAND COUNTY — continued.				
1877	Dist. 7. Ithaca	\$680 00.	\$528 88	University.
1879*	9. Excelsior	500 00	500 00	School.
ROCK COUNTY, \$18,852.00.				
1870	Dist. 6. Union	10,000 00	10,000 00	School.
1872	7. Union	900 00	540 00	School.
1875	1. (Jt.) Beloit and Turtle....	10,000 00	6,667 00	School.
1876	1. (Jt.) Turtle and Beloit ...	350 00	210 00	University.
1877	4. Beloit.....	300 00	290 00	University.
1877	6. Magnolia	600 00	200 00	University.
1877	9. (Jt.) Porter (and Dunkirk, Dane Co).....	475 00	475 00	Norm. Sch.
1877	1. Union	840 00	560 00	College.
ST. CROIX COUNTY, \$9,665.00.				
1874	Dist. 2. Hudson.....	250 00	50 00	University.
1875	5. Stanton	500 00	200 00	College.
1876	6. (Jt.) Kinnickinnick and Troy.....	500 00	125 00	Norm. Sch.
1877	7. Stanton	300 00	240 00	University.
1877	4. (Jt.) Baldwin & Hammond	2,500 00	2,000 00	College.
1877	2. Kinnickinnick	600 00	500 00	University.
1878	5. (Jt.) Stanton & Star Prairie	1,000 00	1,000 00	College.
1878	2. Stanton	500 00	450 00	School.
1878	2. St. Joseph.....	200 00	100 00	School.
1878*	1. (Jt.) Richmond & Star Pr..	5,000 00	5,000 00	School.
SAUK COUNTY, \$4,668.75.				
1875	Dist. 2. Lavallo.....	800 00	800 00	College.
1876	11. (Jt.) Lavallo & Irontown .	500 00	500 00	Norm. Sch.
1876	7. Lavallo.....	225 00	168 75	College.
1877	2. Spring Green.....	3,600 00	3,200 00	School.
SHAWANO COUNTY, \$476.25.				
1874	Dist. 3. Maple Grove.....	350 00	70 00	School.
1876	2. Lessor	250 00	156 25	University.
1878	5. Maple Grove.....	100 00	100 00	University.
1879*	1. Hutchinson	150 00	150 00	School.
TAYLOR COUNTY, \$2,691.90.				
1875	Dist. 2. Medford	400 00	100 00	University.
1875	3. Medford	2,000 00	1,200 00	School.
1875	2. Medford	200 00	200 00	Norm. Sch.
1875	1. Westboro	400 00	133 34	College.
1876	1. Chelsea	500 00	200 00	Norm. Sch.
1877	5. Little Black.....	200 00	200 00	University.
1877	4. Little Black.....	200 00	200 00	University.
1877	6. Little Black.....	250 00	178 56	College.
1878	1. Little Black.....	350 00	280 00	Norm. Sch.

L. — Loans to School Districts.

Date of Loan	Number and Location of District.	Amount of Loan.	Balance Due.	Fund.
TREMPEALEAU COUNTY, \$8,527.50.				
1871	Dist. 1. Lincoln	\$300 00	\$200 00	School.
1874	1. Gale	4,000 00	2,500 00	School.
1874	5. Lincoln	1,400 00	1,400 00	Norm. Sch.
1875	4. Burnside	350 00	350 00	University.
1875	1. Arcadia	3,400 00	2,040 00	Norm. Sch.
1876	1. Hale	300 00	187 50	University.
1876	4. Dodge	300 00	200 00	College.
1877	1. Pigeon	800 00	800 00	University.
1877	1. Preston	600 00	400 00	College.
1878*	1. Caledonia	350 00	350 00	School.
1879*	5. Gale	100 00	100 00	School.
VERNON COUNTY, \$4,845.00.				
1869	Dist. 5. Viroqua	6,000 00	1,000 00	School.
1871	10. Stark	300 00	100 00	University.
1871	2. Harmony	600 00	.....	} { 600 00 300 00 Norm. Sch.
1871	2. Harmony	600 00	300 00	
1871	3. Hamburg	640 00	107 00	College.
1871	6. Hamburg	200 00	20 00	University.
1875	1. Whitestown	250 00	50 00	University.
1875	2. Coon	650 00	130 00	University.
1876	2. Wheatland	800 00	600 00	School.
1876	3. Jt. Hillsboro' & Greenwood	1,840 00	1,288 00	Norm. Sch.
1876	6. Hillsborough	300 00	120 00	University.
1876	5. Forest	300 00	100 00	University.
1877	8. Jefferson	250 00	150 00	University.
1877	7. Forest	220 00	110 00	University.
1877	4. Forest	200 00	150 00	College.
1877	9. Jt. Forest Union & Whites-	300 00	240 00	College.
1878	3. Forest	300 00	200 00	University.
WALWORTH COUNTY, \$300.00.				
1877	Dist. 5. Whitewater	400 00	300 00	College.
WASHINGTON COUNTY, \$1,500.00.				
1876	Dist. 5. Kewaskum	1,500 00	1,500 00	University.
WAUKESHA COUNTY, \$1,400.00.				
1874	Dist. 7. Pewaukee	800 00	400 00	University.
1876	3. Oconomowoc, Summit, and City Oconomowoc.	3,000 00	1,000 00	Norm. Sch.
WAUPACA COUNTY, \$2,000 40.				
1876	Dist. 1. St. Lawrence	750 00	450 00	Norm. Sch.
1877	2. Little Wolf	613 00	490 40	University.
1877	3. Matteson	100 00	60 00	College.
1878	7. Lind	400 00	300 00	School.
1878*	3. Caledonia	300 00	300 00	School.
1879*	1. Caledonia	400 00	400 00	School.

L.—Loans to School District.

Date of Loan	Number and Location of District.	Amount of Loan.	Balance Due.	Fund.
WAUSHARA COUNTY, \$933 83.				
1872	Dist. 3. Coloma	\$300 00	\$300 00	University.
1878	7. Bloomfield and Wolf river	400 00	333 33	University.
1878	2. Rose and Springwater....	300 00	200 00	University.
1879*	.. Richford and Deerfield...	100 00	100 00	School.
WINNEBAGO COUNTY, None.				
WOOD COUNTY, \$9,560 00.				
1875	Dist. 1. City of Grand Rapids....	10,000 00	6,000 00	School.
1876	1. Centralia	2,500 00	1,000 00	School.
1877	1. Marshfield.....	1,000 00	600 00	School.
1877	6. Seneca	200 00	160 00	College.
1878	1. Wood	600 00	600 00	School.
1878*	1. Auburndale	500 00	500 00	School.
1879*	4. Auburndale	200 00	200 00	School.
1879*	4. Rudolph	500 00	500 00	School.
Total district loans.....		.....	\$211,312 18	

M.—Investments of the Trust Fund.

EXHIBIT M.—*Showing Investments of the Trust Funds, during the fiscal year year ending September 30, 1879.*

SCHOOL FUND.

Loans to School Districts (Chap. 17, R. S).....	\$19,440 00
Burnett County (Chap. 155, L. 1878).....	20,000 00
Barron County (Chap 49, L. 1879).....	20,000 00
Wood County (Chap. 168, L. 1879).....	500 00
City of New London, Outagamie and Waupaca counties (Chap. 340, L. 1879).....	11,500 00
City of Mineral Point, Iowa County (Chap. 4, L. 1879)...	18,000 00
Town of Mineral Point, Iowa County (Chap 3, L. 1879)	12,000 00
Town of Little Wolf, Waupaca County (Chap. 34, L. 1879).....	5,000 00
Town of Luck, Polk County (Chap. 109, L. of 1879)....	2,500 00
City of Jefferson, (Chap. 164, L. 1879).....	5,000 00
Board of Education of Baraboo, transferred from District Loan accounts.....	8,000 00

UNIVERSITY FUND.

Loan to Shawano County (Chap. 5, Laws of 1879).....	15,000 00
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AGRICULTURAL COLLEGE FUND.

Loan to City of New London, Outagamie and Waupaca counties (Chap. 340, Laws of 1878).....	500 00
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NORMAL SCHOOL FUND.

Loan to Wood County (Chap. 168, Laws of 1879).....	36,500 00
City of Neeuah, Winnebago county, (Chap 186 L. of 1877).....	10,000 00
City of Beaver Dam, Dodge county, (Chap. 12, Laws of 1879).....	4,000 00
City and Town of Waupaca, (Chap. 198, Laws of 1879).	2,200 00
Total	<u>\$190,190 00</u>



SIXTH

ANNUAL REPORT

OF THE

RAILROAD COMMISSIONER

OF THE

STATE OF WISCONSIN.

1879.



MADISON, WIS.:

DAVID ATWOOD, STATE PRINTER.

1880.

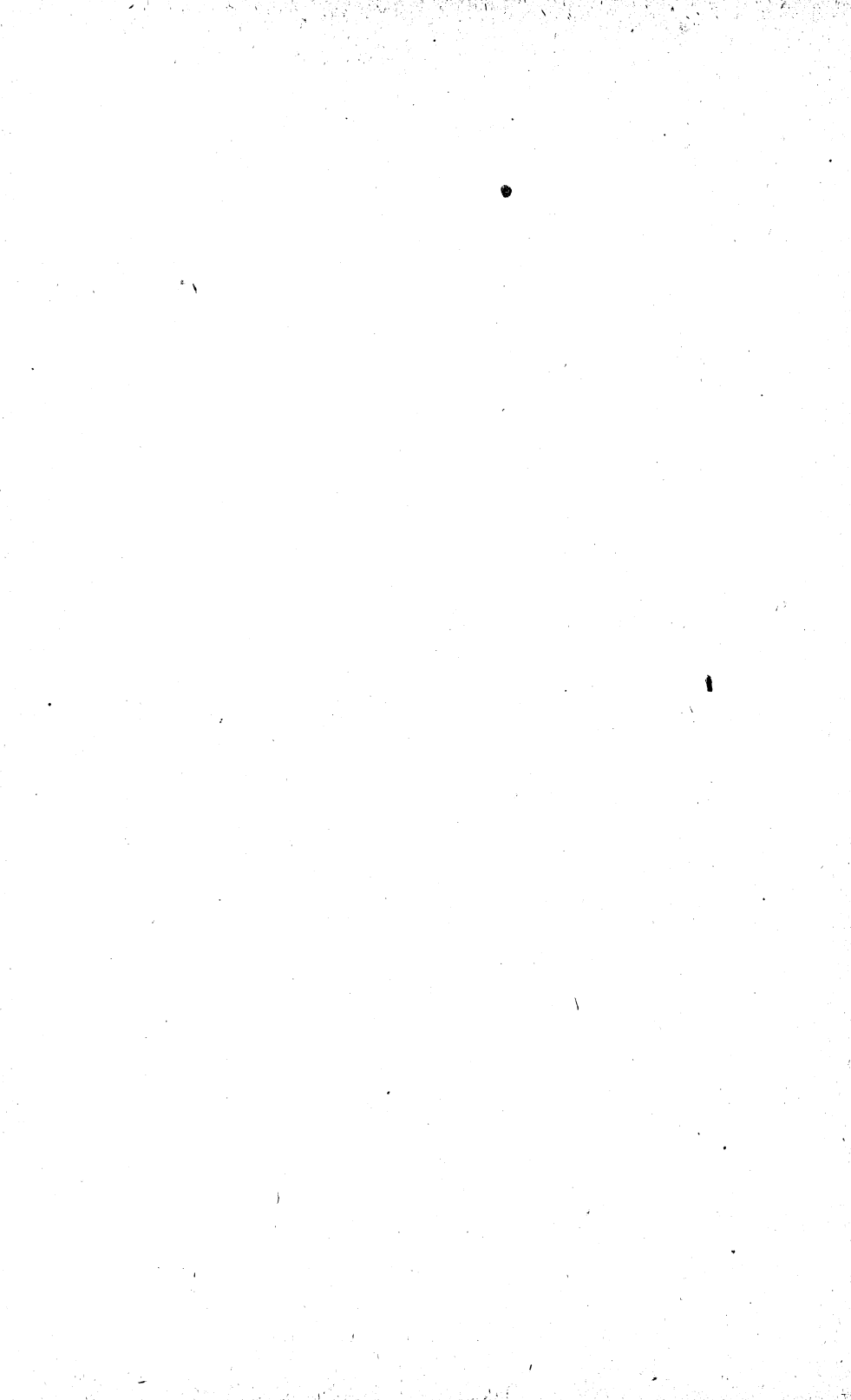


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ANNUAL REPORT.

STATE OF WISCONSIN,
OFFICE OF RAILROAD COMMISSIONER,
MADISON, *January 5, 1880.*

To the Honorable WILLIAM E. SMITH, Governor:

SIR: The sixth annual report of the Railroad Commissioner, is herewith submitted for your consideration.

The tabulations from the reports of railroad companies to this office, are for the year ending September 30, 1879. Other matters embraced in the report are brought down to the commencement of the present year.

The form of blank sent to the different railroad corporations to be used in making returns to this office is, in its general features, as was agreed upon at a convention of railroad commissioners held at Saratoga Springs, June 10, 1879; although I have, for the purpose of securing greater information, added to the form prepared in this office, a number of interrogatories not embraced in the form agreed upon at the commissioners' convention. This privilege, it was agreed, should be left to each commissioner, according to the circumstances and the laws affecting their duties in the different states.

I have been much gratified at the promptness and the completeness with which the most of the railroad companies have made their reports to this office. In a few cases, however, the reports were quite incomplete, and some were received at so late a day that there was not the necessary time in which they could be returned, and the lacking information supplied. It was the aim of the commissioner to ask for nothing from any railroad company that was not valuable and necessary, not only to the public, but the stockholder and creditor as well; information which must be necessary for

The Cost of Roads.

each company to be possessed of in order to have even a fair knowledge of its own business. While many excuses can be made for new companies but recently organized, which are still engaged in the construction of their roads, for the incompleteness of their first returns, it is but reasonable to suppose that no excuses will be necessary in that particular in the future.

THE COST OF ROADS.

One of the duties devolving upon the commissioner, is that of ascertaining "the actual cost of each railroad in this state." In my last report I referred to the obstacles in the way of discharging that duty. The amount of money that has been invested in the railroad properties of this state, has not been ascertained, and, in my judgment, is not ascertainable. The records of one of the principal roads were destroyed by the Chicago fire. Some of the other lines have been formed by purchase, at various times, of roads at foreclosure sale, and the present owners of them have no knowledge of their "actual cost." The methods employed in the construction of some roads, especially in the early history of the state, where bonds and stock were paid to contractors at such rates as could be mutually agreed upon, without much reference to their cash value; or were hypothecated for loans; or were employed in payment of dividends or interest; or were used in a multitude of other forms, some of them very questionable, not entering into the actual construction of the roads, and now appear against the companies as "debt," make it wholly impossible for the commissioner or the companies themselves to give the "actual cost" of the railroads of Wisconsin, and that desirable information must forever remain engulfed in a profound mystery. Perhaps something like a close approximation of what it would cost to reproduce the roads at this time might be given by the companies, and, in my opinion, such an estimate would be more valuable than the reports of costs of roads, as they are now made and given to the public. They would certainly be much less deceptive. To correct, as far as possible, the erroneous idea of the cost of railroads, which so largely prevails, I have adopted the plan of calling for a detailed report

Capital Stock — Stock and Debt.

from each company constructing a new piece of road, of its actual cost, and have given the information thus obtained in the appropriate place in this report.

The cost of roads and equipments as reported to this office, is very nearly a combination of the amounts of outstanding bonds and of the stock issued by the companies, and amounts to \$202,405,095.52, while the stock and bonds, added to a small unfunded indebtedness, amount to \$205,185,806.88. The "cost" is at the rate of \$44,718.83 per mile of standard gauge roads, and \$5,576.87 per mile of narrow gauge roads. Some of the latter roads are, however, in an unfinished state, and are somewhat deficient in equipment. No reports of the cost of the Dubuque, Platteville & Milwaukee (running from Calamine to Platteville); of the Milwaukee & Northern, or of the Oshkosh & Mississippi River road were received, as all of these lines, embracing 157.70 miles of road, are operated by other companies who have no knowledge of the cost of them.

CAPITAL STOCK.

The capital stock investment in the roads represented in this state, exclusive of the Dubuque, Platteville & Milwaukee, and Milwaukee & Northern, which have been practically wiped out by foreclosure proceedings, is returned at \$102,122,246.88, equaling \$21,832.23 per mile of standard gauge roads and \$3,611.92 per mile for narrow gauge roads, or \$22,070.00 per mile for both classes of roads combined.

DEBT.

The debt account of the roads amounts to \$103,063,560, which is almost wholly represented by bonds. The debt per mile of road is \$22,114.29 for standard gauge roads, and \$2,100 for narrow gauge roads, equaling \$21,629.15 per mile for both classes of roads. Some bonds, however, have been issued for roads in process of construction and its apportionment on road actually constructed makes the per mile average appear a little in excess of the true amount, as it will appear when the roads are fully completed.

STOCK AND DEBT.

The total amount of stock and debt of all the railroad corpora-

Interest Account, etc.—Dividends and Rentals.

tions included in the returns embraced in this report is \$205,185,-806.88. Of this amount, \$204,526,129.38 is for standard gauge roads, being \$43,980 per mile, and \$659,677.50 for narrow gauge roads, being \$5,711.47 per mile—an average of \$43,060.78 per mile of road of both classes combined. The stock of roads is apportioned upon 4,627.33 miles of road, while the bonds are apportioned upon 4,765.03 miles of road. In combining stock and debt, and ascertaining the per mile average, the computation was made upon 4,765.03 miles of road, but it is to be borne in mind that the stock for 137.70 miles of road is not reported.

INTEREST ACCOUNT, ETC.

The actual amount of interest that accrued on the funded debt of the companies was \$6,490,965.83, of which amount \$5,240,416.57 was paid. A small portion of the balance remained in the hands of the treasurers uncalled for. To have paid the interest and a dividend of seven per cent. on stock would have required earnings of \$13,639,523.11 over operating expenses and taxes. The companies paid dividends of \$3,289,373.10. The rental liabilities of the companies amounted to \$1,481,367.43, of which \$1,450,930.02 was paid, the balance not having fully matured.

A recapitulation of earnings and disbursements gives the following results:

Earnings.....		\$26,965,436 07
Operating expenses.....	\$14,274,429 17	.....
Interest paid.....	5,256,290 91	.....
Dividends paid.....	3,289,373 10	.....
Rentals paid.....	1,450,930 02	.....
		24,271,023 20
Surplus.....		2,694,412 87

DIVIDENDS AND RENTALS.

In addition to the interest, the Chicago, Milwaukee & St. Paul paid a dividend of seven per cent. on its preferred stock; the Chicago & Northwestern, dividends of \$1,883,210 on its preferred stock, and \$599,300 on its common stock, and it is presumed that the Prairie du Chien & McGregor (bridge line) divided its surplus

Interest Paid.

of \$25,318.98 among the holders of the \$100,000 stock of the company.

The Wisconsin Central also paid \$145,010.61 as rentals; the Chicago & Northwestern, \$1,277,330.57 as rentals; \$83,120 on sinking fund account, and \$946,319.82 "deficit in account of roads controlled." The Chicago, St. Paul & Minneapolis paid \$38,744.94 as rentals and the Green Bay & Minnesota, \$20,266.31 as rentals. The Hudson & River Falls received \$19,888.45 from the St. Paul, Stillwater & Taylor's Falls Company (a Minnesota corporation) as rentals for its road for the period of eleven months, ending September 30.

INTEREST PAID.

The following companies paid the interest on their funded debt as it fell due, viz:

COMPANY.	INTEREST.
Chicago, Milwaukee & St. Paul	\$2,285,931 36
Chicago & Northwestern	2,257,904 07
Chicago, St. Paul & Minneapolis.....	305,102 34
Chippewa Falls & Western	10,372 56
Hudson & River Falls	9,166 63
Milwaukee, Lake Shore & Western.....	65,737 43
Mineral Point.....	32,000 00
Northwestern Union.....	235,496 08
North Wisconsin	4,725 00
Wisconsin Valley (in part)	31,780 00
Fond du Lac, Amboy & Peoria.....	1,111 10
Pine River Valley & Stevens Point.....	1,090 00
Total	\$5,240,416 57

A small portion of the amounts given above has not actually been paid, the coupons not having been presented for that purpose, but the funds are in the hands of the treasurers to meet all obligations of that character.

Interest Paid.

The following companies report no dividends on stock, and no interest paid on bonds, but show an excess of earnings over operating expenses to the amounts stated, viz:

COMPANY.	Excess of Earnings over Expe's
Green Bay and Minnesota.....	124,444 45
Sheboygan and Fond du Lac.....	2,250 01
Western Union.....	234,716 37
Wisconsin Central (less rental, paid \$145,010.61.)	312,221 95

The Western Union has passed under the control of the Chicago, Milwaukee & St. Paul, and is now known as the Southwestern Division of that road, and first mortgage bonds have been issued in lieu of those originally issued. The Green Bay & Minnesota is operated by a receiver. The Sheboygan & Fond du Lac has practically become a proprietary line of the Chicago & Northwestern. The Prairie du Chien & McGregor and Galena & Wisconsin, have no interest account.

The Wisconsin Central Railroad on January 4, 1879, was taken possession of by Messrs John A. Stewart and Edwin H. Abbot, the trustees of its mortgage, and has since been operated by the trustees for the benefit of the bond holders. The company, at its annual meeting in May 29, 1879, voted to submit to the trustees a plan for the re-organization of the property which is a new idea in railroad re-organization, and combines very perfectly the opposing equities of bonds and stock in a manner which does full justice to each. The president transmitted it to the trustees with the following letter:

WISCONSIN CENTRAL RAILROAD COMPANY,
MILWAUKEE, May 29, 1879.

To Messrs. John A. Stewart and Edwin H. Abbot, Trustees under the First Mortgage of the Wisconsin Central Railway Company:

GENTLEMEN. — The stockholders of the Wisconsin Central Railway Company have instructed me, by vote to-day at their annual meeting, to ask you, as representing the stockholders, to lay before them in such manner as you deem proper, the following plan for the reorganization and future management of our railroad and land-grant:

Interest Paid.

The shrinkages in value of all railroad property, and the other causes which have so depreciated our bonds and deprived of our stocks all present pecuniary value, make it imperative for the bondholders to avoid the sacrifice of any valuable legal rights and privileges which may inure to this present corporation only, and would be destroyed by a foreclosure sale.

Our land-grant act, and the charters of the several companies which were consolidated into the Wisconsin Central Railroad Company, vest in that corporation rights which are believed to be of great value, especially in reference to the exemption of its lands from taxation until the cost of its railroad is fully paid. I am advised that, unless the fee of its lands remains in the name of this company, to which the original patents were issued, those rights will be lost, and that a foreclosure sale which would transfer that fee to a new company, not named in these patents, would be fatal to the exemption which is now believed to protect the land-grant against taxation in the possession of one company.

This question of exemption from taxes involves a liability which is estimated at not less than \$50,000 per annum; and this liability, whenever the Wisconsin Central Railroad company receives patents for its remaining lands, will probably be largely increased. There is no hope of further exemption from taxation by the legislature of Wisconsin. The present exemption act is limited by its terms to the present year. The future value of the lands to the present bondholders depends, substantially, on the preservation for their benefit of these legal rights. It is true that their validity is yet to be finally established by the courts, but the contingency is too valuable to be thrown away, unless the sacrifice is unavoidable.

In view of these facts, and after consultation with the holders of large amounts of bonds, and in compliance with their request, the directors have recommended to the stockholders, and the stockholders have ratified the following plan of reorganization. This plan is believed to preserve these rights to the bondholders, and to give them at the same time complete control over the property and its future management. It also avoids those losses and that depreciation which usually result from foreclosure, and which are often so unnecessary.

The fixed payments which are absolutely promised, are graduated on the basis of net earnings; and are believed to fall within the assured income of the property. The contingent payments depend on its developments and its increased productiveness in the future.

The plan is intended and is believed to cover the following points:

1. To give the bondholders, through a board of directors chosen by themselves the substantial possession and complete legal control of all the property, until their debt is paid out of its proceeds and earnings.
2. Not to allow the stockholders to receive anything out of the property

Interest Paid.

until the entire mortgage indebtedness on January 1, 1879, is rendered secure, and is, in its new form, receiving regularly an average interest of 6 per cent.

3. To retire the land income notes, substituting for them bonds which draw a lower rate of interest; and thus to effect a saving for the present bondholders of more than \$19,000 per annum, and to restore thereafter all proceeds of future land sales to the sinking fund for the redemption of the bonds.

4. To put all holders of overdue coupon bonds upon an equal footing with those who joined in the funding scheme of July 1, 1875.

5. To save for the benefit of the property, and primarily for the bondholders, all the legal rights of the present company, especially those relating to taxation which cannot be acquired by or transferred to any new corporation.

6. To give 40 per cent. of the present bonded indebtedness a fixed and certain income, and a consequent present market value; and to secure to the remaining 60 per cent., all the residue of net income from the property until that net income pays six per cent. on the whole amount of bonded debt as it stood on January 1, 1879.

7. To preserve the present mortgage lien for the bonded debt in its new form, so that no present security will be lost by any bondholder while the exchange is being made.

8. To adjust all outstanding equities among the present bonds, so as to give each shareholder the exact present worth of his security, dollar for dollar, in the new bonds; and to make the adjustment upon the same principle on which these equities would be adjusted in court after foreclosure sale.

I transmit herewith the details and figures which fully explain this plan; and am, very respectfully, your obedient servant,

CHARLES L. COLBY,

President.

Within the next month, a large majority of the bondholders served upon the trustees their written requisition, according to the terms of the mortgage, which requested the trustees to accept this plan, and is as follows:

To Messrs. John A. Stewart, and Edwin H. Abbot, Trustees under the First Mortgage of the Wisconsin Central Railroad Company:

The undersigned, severally and each for himself, declares that he is the owner of the amount of bonds set opposite his name, and hereby accepts the proposed plan of reorganization set forth in the circular of the Wisconsin Central Railroad Company, dated May 29, 1879, and agrees to exchange his said bonds as therein stated, and hereby waives the defaults of said company heretofore made under its first mortgage, and consents that the income bond given you in December, 1874, under the fourth article of the first mortgage,

Interest Paid.

be canceled, and request you to accept delivery of the consolidated indenture of trust and mortgage in said plan referred to, and to act as trustees thereunder, and to do all acts requisite to procure said exchange to be made, and to carry said plan into effect, and to deliver possession of the mortgaged premises, now held by you as trustees under the first mortgage of said company, to said company as soon as a board of directors of said company shall be chosen at a special meeting of said company to be called after the bondholders are able to vote as provided in said indenture, and shall be qualified to receive possession and control of the property.

MILWAUKEE, *May 29, 1879.*

On October 1, 1879, the trustees formally accepted the new plan, caused the new consolidated mortgage to be recorded, and commenced the exchange of new bonds for old, preserving, however, in full force the old bonds and mortgage for the common protection of parties exchanging until the exchange is completed. The stockholders, as a condition precedent to the adoption of the plan, were required to transfer sufficient stock in the company to the trustees, to enable the bondholders, by voting thereon, to control the property until the bonds shall be paying their maximum interest, and be likely to continue so to do.

The effect of this plan (which is now being carried out) is stated in the formal acceptance thereof, made by Messrs. Stewart and Abbot, on October 1, 1879. It reads as follows:

To the Wisconsin Central Railroad Company:

WHEREAS, The Wisconsin Central Railroad Company is in default in the payment of its interest upon all its bonds, matured on and after the first day of July, A. D. eighteen hundred and seventy-five; and the coupons representing said interest are overdue and unpaid; and

WHEREAS, We, John A. Stewart and Edwin H. Abbot, are the trustees under the first indenture of trust and mortgage of said Wisconsin Central Railroad Company, dated the first day of July, A. D. eighteen hundred and seventy-one, and executed to secure payment of said interest; and, in accordance with the provisions thereof, we did, on or about the fourth day of January, A. D. 1879, enter into and upon and take possession of all and singular the premises thereby conveyed, or intended so to be, and each and every part thereof, and have ever since held and now hold possession of the same, and are using and operating the same under the provisions of our trust deed for the common and equal benefit of all holders of bonds issued under and secured by said trust deed; and

Interest Paid.

WHEREAS, It is provided in said trust deed that said company shall and will pay the interest on its said bonds to the several holders thereof, when and as the same becomes due, and said coupons are expressly set forth in said deed as part of the provisions thereof;

WHEREAS, It is also provided in said trust deed that it shall be within the discretion of the trustees aforesaid, to enforce or waive the rights of the bondholders by reason of any default under any of the provisions in said deed contained to be performed or kept by the said company, subject to the power therein declared of a majority in interest of the holders of the said bonds, to instruct the said trustees to waive such default or to enforce their rights by reason thereof; and,

WHEREAS, Heretofore, on or about the twelfth day of June last past, in the exercise of our said discretion, and also in conformity to an instruction duly given to us as prescribed in said trust deed by said majority in interest of the holders of said bonds, we, as trustees aforesaid, waived all the rights of the holders of said bonds by reason of the several defaults made by said company as to the interest on its said bonds, and on the coupons representing said interest for and during the years one thousand eight hundred and seventy-five, and one thousand eight hundred and seventy-six, and all parts of said years so far as any cause or causes of action at law had or have grown out of said defaults or arisen in favor of any holder of said bonds and said coupons by reason of any of said defaults during said years, and notify said company of said waiver by an instrument copy of which is hereto annexed and marked Exhibit A; and,

WHEREAS, The majority in interest, to wit: about nine-tenths of all the holders of said bonds, have already notified us that by virtue of the powers vested in them by said trust deed, and in conformity with the provisions thereof, they have accepted the plan of re-organization to them proposed by the stockholders of said company on the twenty-ninth day of May, A. D. 1879, copy of which is hereto annexed and marked Exhibit B, and have instructed us to carry said plan into effect; and,

WHEREAS, We are advised by counsel learned in the law, that said plan gives to the bondholder as full and complete substantial control and possession of said present incorporated company, and all its property, corporate powers, franchises and rights as said bondholders could acquire or possess in and by the formation of a new corporation after foreclosure upon said trust deed; and also saves the bonded character of their debt and lien upon the trust premises; and also preserves for their use and profit every right, franchise, power, and privilege now vested in said present company, and also protects them against any issue of new bonds or creation of other indebtedness which would impair the priority of said bonds as the first lien upon said trust premises; and also secures substantially the full payment of all said

Interest Paid.

bonded indebtedness before the stockholders in said company shall receive anything out of the trust premises or any portion of the earnings and proceeds thereof; and

WHEREAS, In our opinion, the common and equal advantage of all said bondholders will be promoted by our adoption and execution of said plan of reorganization; and, the trust premises will be hereafter best conserved and most economically managed for the common benefit of said bondholders through the instrumentality of said present incorporated company, reorganized according to said plan and controlled by a committee of the bondholders chosen by themselves as therein provided, rather than through the formation of a new corporation after a sale of the trust premises and the consequent conversion of said bonded indebtedness into stock, and the consequent assumption by said bondholders of all the liabilities of stockholders in such new corporation; and

WHEREAS, In our opinion a sale of the entire trust premises at the present time would realize only a small portion of said bonded indebtedness, and could not be made to include divers lands, property, valuable rights and privileges which ought to be acquired and preserved for the benefit of said bonds; and

WHEREAS, We are also advised that by said plan of re-organization the payment of said bonded indebtedness, in due course of time, is rendered reasonably certain, and that by carrying out said plan, said divers lands, property, valuable rights and privileges may be acquired and preserved for the common benefit of all said bonds and applied to their payment; and

WHEREAS, Any interference by any individual bondholder with the peaceful operation of said re-organized corporation, under the control and direction of said bondholders so as aforesaid chosen, is in violation of the rights of all the other bondholders, and injures our trust premises, and tends to divert to such individual what injustice and equity ought only to be jointly received and enjoyed by all the bondholders in common; and

WHEREAS, We have been and now are advised by counsel learned in the law that said plan of re-organization conforms in all respects to and is fully authorized by the terms and provisions of our said trust deed, and that it is important, in order to carry out said plan and protect the common interest of all said bondholders that our power of waiver and release which is in us vested by our said trust deed, should be again exercised:

Now, therefore, Know ye that we, John A. Stewart and Edwin H. Abbot, as we are trustees as aforesaid, in the exercise of the discretion in us vested under our said deed of trust and mortgage, and by virtue of every other power us thereunto enabling, have this day, in furtherance of said plan of reorganization and in pursuance of the instruction of said majority, set forth

Interest Paid.

in their said requisition, dated the twenty-ninth day of May, A. D. 1879, copy of which is contained in said Exhibit B., hereto annexed, accepted and do hereby accept said plan of reorganization, and have accepted and do hereby accept delivery of said consolidated indenture of trust and mortgage, and have consented and do hereby consent to the due record thereof in the office of the secretary of state of the state of Wisconsin, and have declared and do hereby declare our readiness to carry out said plan according to its terms, and have accepted and do hereby accept the transfer to us of ninety-five thousand shares of stock of said Wisconsin Central Railroad Company (being the major part, and more than four-fifths of all said stock), to be by us held for the use of the bondholders as provided in said plan, whereby they are to possess, manage, use and control the trust, premises, and all the corporate rights, powers, privileges and franchises of said company, by and through their own committee, to wit.: directors and officers of and for said company, to be hereafter according to said plan chosen for said company by vote of said bondholders, each bondholder voting upon one share of said stock for each hundred dollars of his bonds;

And further know ye, That we, as we are trustees aforesaid and as aforesaid have waived and do hereby waive all actions at law and causes of actions, at law, arising or arisen, or growing in any manner out of any and every default heretofore made by said Company, and especially in, upon, and as to the payment of interest on its bonds, and every one of them and in, upon, and as to, all the coupons thereupon heretofore matured, and every of them, and have released and hereby do release said Company from every action at law and cause of action at law growing out of any and all defaults heretofore made by said Company, and arising or arisen in favor of any holder or holders of said bonds and said coupons, or any of them, by reason of any such default or defaults heretofore made by said Company: provided, however, that this release and waiver does not extend to, lessen or impair any right or power vested in us as Trustees as aforesaid to protect and enforce the rights of the bondholders and every of them by appropriate legal proceedings whenever by us instituted as trustees for the common and equal advantage of all said holders of bonds, jointly and each or any of said holders individually in proportion to the amount of his equitable interest in the premises.

Witness our hands and seals this first day of October, A. D. eighteen hundred and seventy-nine.

JOHN A. STEWART,
EDWIN H. ABBOT,

Trustees.

In effect, therefore, this skillful device puts the bondholders into possession of the old corporation, with all its franchises and powers,

Interest Paid.

as well as of all the mortgaged property, and saves everything for the benefit of the real owners and avoids the troublesome legal questions which arise as to the succession of rights in a new corporation formed after foreclosure sale; yet, while it secures the bondholders their entire debt, the plan does not destroy the ultimate rights of the stockholders in a property which they have, with praiseworthy energy and immense sacrifices, at last completed through the northern forests.

This plan is to be commended as a model of skill and justice which may well be followed in all railroad re-organizations where the mortgage gives the majority of bonds the control of the bondholders' proceedings after default. It is based upon the English system, but is, in this country, so far as I know, as novel as it is just and effective.

The Wisconsin Valley, which has met its interest account in but part, also proposes to readjust its indebtedness, and the following circular has been issued to the stockholders of the road:

"BOSTON, Oct. 30, 1879. — To secure the business of the country north of our present road, and to further develop that section, it is deemed necessary to extend the Wisconsin Valley R. from Wausau, its present terminus, to Jenny, a distance of $17\frac{1}{2}$ miles. The estimated cost of said extension is \$175,000. To provide the means for building said extension it is proposed to issue under the mortgage of this company, dated Jan. 1, 1879, 7 per cent. first mortgage bonds, dated Jan. 1, 1879, and having 30 years to run, to the extent of \$10,000 per mile, or say \$175,000, and to offer these bonds to stockholders at 90 per cent. of their par value. One hundred and seventy-five thousand dollars in bonds at 90 per cent. will yield, say, \$157,000, leaving to be provided \$17,500. County bonds to the amount of \$55,000, and bearing interest at 8 per cent. per annum, have been voted as aid, and are held in trust to be delivered to this company when the extension is completed. These bonds will be used to provide for the above \$17,500 needed for construction, and also for any additional equipment that may be required. This subscription is now offered to the stockholders of record of Nov. 5, and until Nov. 12, 1879, inclusive. Each holder of 120 shares of preferred and common stock, or either, will be entitled to subscribe for \$1,000 first mortgage 7 per cent. bond at 90 per cent., costing \$900. Stockholders may subscribe for whatever amount they choose, and will be equitably treated in the allotment. Stockholders may dispose of their rights for the purpose of consolidating with

Earnings.

others. The subscriptions will be payable as called for by the treasurer, not exceeding 25 per cent. in any one month. Interest will be adjusted at the rate of 7 per cent. per annum."

EARNINGS.

The aggregate income of all the roads represented in this state, was, for the year, \$26,965,436.07, against \$26,454,831.88 for the preceding year — a gain of \$510,604.19. It is to be borne in mind, however, that in each year, some portions of the roads had been opened to the public but a short time, and earnings from them were very meager, but the necessary data is not at hand for an apportionment of the earnings upon the average miles of road operated during the year. While the average sum earned on each mile of track is \$9.12 less than for the previous year, the general result is more satisfactory than had been anticipated, for the great damage to the wheat crop of 1878, in the states of Wisconsin, Minnesota and Iowa, led to the belief that a great diminution in the gross earnings on the part of the railroads whose business is derived so largely from that source, would appear. A statement of a single fact will show something of the damage that some of the roads sustained from this cause: The Chicago, Milwaukee & St. Paul carried, of wheat, during the last four months of 1877, 10,009,498 bushels, while in 1878, for the same period, it carried but 4,558,344 bushels. The amount carried for the months of September, October and November, 1879, was 6,143,097 bushels.

The earnings of the roads were derived from the following sources:

	Whole Line.	Proportion for Wisconsin.
From passengers.....	\$6,033,894 90	\$2,669,402 56
From freight.....	19,557,055 19	8,140,993 92
From mails, express and other sources	1,301,954 83	610,165 50
Sources not classed.....	72,531 15	66,392 77
	\$26,965,436 07	\$11,486,954 75

With the increased earnings for the year, an increase in expenses might naturally have been expected, the more especially as there

Earnings and Expenses.

were 541.77 more miles of road operated than the previous year. Instead of an increase, however, there was an actual decrease of of \$275,465.47, showing a net increase in earnings, over the previous year, of \$786,069.68.

EARNINGS AND EXPENSES.

The earnings and working expenses of the several roads were as follows:

COMPANIES.	Gross Earnings.	Operating Expenses.
	\$ cts.	\$ cts.
Chicago, Milwaukee & St. Paul	8,580,272 02	5,063,282 96
Chicago & Northwestern	14,194,168 31	6,542,103 53
Chicago, St. Paul & Minneapolis	1,070,208 50	655,550 06
Chippewa Falls & Western	27,235 27	13,817 08
Green Bay & Minnesota	348,690 26	204,557 04
Hudson and River Falls	19,888 45	8,814 57
Milwaukee, Lake Shore & Western	287,505 22	190,584 21
Mineral Point	112,386 09	72,819 90
Northwestern Union	277,239 28	192,987 55
North Wisconsin	79,039 60	35,775 14
Prairie du Chien & McGregor	49,107 00	23,788 02
Sheboygan & Fond du Lac	84,797 61	82,547 60
Western Union	773,551 09	538,834 72
Wisconsin Central	794,137 86	481,915 91
Wisconsin Valley	203,976 54	129,422 18
Chicago & Tomah	16,953 21	7,713 50
Fond du Lac, Amboy & Peoria	25,046 21	16,148 83
Galena & Wisconsin	4,121 85	3,771 85
Pine River Valley & Stevens Point	17,116 70	9,994 52
Total	26,965,436 07	14,274,429 17

The earnings and expenses of the Western Union, are for the period of nine months, after which, its transactions are included with the Chicago, Milwaukee & St. Paul. The Chicago & Tomah was opened to the public February 1st, and the Galena & Wisconsin has been in operation, since its re-organization, but three months. Included in the expenses of the companies are the taxes and license fees paid by them, amounting to \$803,305.88. The result shows an excess of earnings over expenses of \$12,691,006.90, which amount is applicable to the payment of interest on debt and dividends on stock of the companies, and rentals of leased road. If

Earnings and Expenses.

we assume that the roads actually cost what they are reported to have cost — which would be a somewhat violent presumption — the net earnings, equalized upon all the roads, would be 6.2 per cent. of the total investment.

A comparative statement of earnings and expenses for the past three years, is here given:

EARNINGS.		Whole Line.	Wisconsin.
1877—Passengers	\$5,577,663 10	.....	.....
Freight.....	16,130,946 02	.....	.....
Mails, etc.....	1,151,818 39	.....	.....
		\$22,860,427 51	10,159,535 50
1878—Passengers	6,090,884 21	.....	.....
Freight.....	19,087,471 61	.....	.....
Mails, etc.....	1,276,476 04	.....	.....
		26,454,831 86	11,951,619 80
1879—Passengers	6,033,894 90	.....	.....
Freight.....	19,557,055 19	.....	.....
Mails, etc.....	1,301,954 83	.....	.....
Sources not classed.	72,531 15	.....	.....
		26,965,436 07	11,486,954 75
EXPENSES.			
1877 —		13,406,161 65	6,803,843 24
1878 —		14,549,894 64	7,308,798 68
1879 —		14,274,429 17	7,035,363 67

Net increase of income for 1877-78 \$2,450,651 33

Net increase of income for 1878-79 786,069 68

Earnings and Operating Expenses per Mile.

EARNINGS AND OPERATING EXPENSES PER MILE.

The gross earnings and cost of operating the several roads per mile, and the per centage of earnings to expenses, is presented in the following exhibit:

	Earnings per Mile.	Operating Ex- penses per Mile.	Per centage of Operating Ex- penses to Gross Earnings.
Chicago, Milwaukee & St. Paul	\$4,622 99	\$2,728 06	55.00
Chicago & Northwestern.....	8,776 62	4,045 15	43.77
Chi., St. Paul & Minneapolis..	5,313 82	3,254 96	57.48
Chippewa Falls & Western....	2,635 67	1,337 13	49.50
Green Bay & Minnesota.....	1,431 40	867 23	63.90
Mil., Lake Shore & Western...	1,770 35	1,173 54	66.00
Mineral Point.....	2,203 63	1,402 58	63.00
Northwestern Union.....	4,426 63	3,081 39	64.87
North Wisconsin.....	1,317 32	596 25	44.00
Sheboygan & Fond du Lac....	1,081 60	1,041 64	97.00
Western Union.....	3,635 96	2,532 71	67.00
Wisconsin Central.....	1,766 71	1,072 12	60.40
Wisconsin Valley.....	2,266 40	1,438 02	63.00
Chicago & Tomah.....	439 92	252 89	57.00
Fond du Lac, Amboy & Peoria	863 64	225 45	47.32
Galena & Wisconsin.....	103 04	94 29	91.00
Pine R. Valley Stevens Point..	1,069 78	619 65	58.00

EARNINGS PER MILE AND TRAIN MILE.

The earnings per mile and per train mile, in the several departments, were as follows:

	Per mile.	Per train mile.
Passenger trains	\$1,157 25	\$1.08 50
Freight trains.....	3,750 87	1.61 80
Mails, express, etc.....	249 70	.29 40
	\$5,171 74	\$2.93 70

The Average Price per Ton Hauled.

THE AVERAGE PRICE PER TON HAULED.

The average price per ton received for hauling freight on three of the roads, is given in the following table. The exhibit is not extended to other roads, because the reports are deficient in that particular:

CHICAGO, MILWAUKEE & ST. PAUL.

Year. Cents.	Year. Cents.	Year. Cents.	Year. Cents.	Year. Cents.
1865... .4.11	1868...3.49	1871...2.54	1874...2.38	1877....2.08
1866....3.76	1869...3.10	1872...2.43	1875...2.10	1878....1.80
1867....3.94	1870...2.82	1873...2.50	1876...2.04	1879....1.66

CHICAGO & NORTHWESTERN.

Year. Cents.	Year. Cents.	Year. Cents.	Year. Cents.	Year. Cents.
1870....3.09	1872...2.61	1874...2.22	1876...1.91	1878....1.63
1871....2.87	1873...2.35	1875...2.06	1877...1.81	1879....1.53

WISCONSIN VALLEY.

Year. Cents.	Year. Cents.	Year. Cents.	Year. Cents.	Year. Cents.
1875....4.19	1876...2.91	1877...2.44	1878...2.62	1879....2.30

While these figures show a gradual reduction from year to year in the average price per ton for hauling freights, it would be fallacious and deceptive, in some degree, to suppose that the reduction has been uniform on all freights transported. The largest portion of it is to be attributed to the greater distance in which much of the freight is carried owing to the extension of the lines of road, without a corresponding increase in the tariff for hauling. So while local freights may remain nearly stationary, the general average is greatly reduced.

Passenger and Freight Rates and Taxes.

PASSENGER AND FREIGHT RATES AND TAXES.

The following table shows the rate per passenger per mile, the amount earned per ton haul, and the taxes paid by each company:

NAME OF COMPANY.	Rate per pas- senger per mile.	Freights — rate per ton per mile.	Taxes paid.
	1879.	1879.	1879.
	\$ cts.	cents.	\$ cts.
Chicago, Milwaukee & St. Paul	2 92	1.66	* 360,762 63
Chicago and Northwestern	2 65	1.53	328,912 76
Chicago, St. Paul & Minneapolis	3 03	1.53	40,353 77
Chippewa Falls & Western	3 90	.....	259 13
Green Bay and Minnesota	4 00	.....	1,222 85
Milwaukee, Lake Shore & Western ..	3 40	2.036	1,310 87
Mineral Point	4 00	.....	1,287 95
Northwestern Union	3 20	2.30	13,135 20
North Wisconsin . . . . .	.....	.....	1,106 61
Prairie du Chien & McGregor . . . . .	.....	.....	1,108 02
Sheboygan & Fond du Lac . . . . .	.....	.....	392 00
Western Union	2 86	1.59	21,705 18
Wisconsin Central	3 344	.....	3,078 95
Wisconsin Valley	5 00	2.30	2,018 52
Chicago & Tomah	3 33	.....	.....
Fond du Lac, Amboy & Peoria	2 90	.....	.....
Galena & Wisconsin	3 30	.....	.....
Pine River Valley & Stevens Point ..	2 50	10.	80
			\$803,305 88

* Including \$26,591.24 paid to the U. S. government as back taxes.

Earnings and Expenses.

EARNINGS AND EXPENSES FOR A SERIES OF YEARS.

The following is an exhibit of the annual receipts and operating expenses of the several roads of this state, for a series of years, commencing with 1870:

EARNINGS AND EXPENSES.

CHICAGO, MILWAUKEE & ST. PAUL.			CHICAGO & NORTHW. RN.		
Year.	Earnings.	Expenses.	Year.	Earnings.	Expenses.
	\$ cts.	\$ cts.		\$ cts.	\$ cts.
1870	7,193,142 01	4,832,338 88	1870	12,203,409 20	7,026,099 49
1871	6,491,602 02	3,850,354 56	1871	11,078,280 46	6,244,505 96
1872	6,732,417 29	4,695,615 97	1872	12,272,063 98	7,169,888 39
1873	8,731,667 14	6,583,662 74	1873	13,816,464 59	9,375,632 56
1874	8,473,956 36	5,752,615 29	1874	13,361,690 46	8,597,391 14
1875	7,780,802 05	5,093,634 67	1875	12,811,228 51	8,047,476 46
1876	7,710,215 22	4,877,368 94	1876	12,467,542 57	6,778,528 58
1877	7,818,324 86	4,478,975 68	1877	12,129,394 83	6,430,391 07
1878	8,226,591 12	4,728,126 57	1878	13,791,179 26	6,598,895 82
	69,148,718 07	44,892,693 30		113,861,253 86	66,268,729 47

WESTERN UNION.			MINERAL POINT.		
	\$ cts.	\$ cts.		\$ cts.	\$ cts.
1870	766,937 85	617,982 51	1870	106,394 66	76,288 42
1871	842,169 22	638,373 20	1871	98,066 90	86,133 78
1872	847,111 21	702,960 18	1872	115,043 06	105,528 42
1873	1,137,634 23	878,241 37	1873	128,122 33	98,614 88
1874	1,123,107 81	768,164 21	1874	124,685 99	112,468 99
1875	1,160,430 01	830,287 53	1875	114,840 72	146,551 93
1876	1,047,915 40	799,369 42	1876	118,301 80	132,233 65
1877	1,025,058 79	699,019 43	1877	118,968 01	75,143 86
1878	1,061,731 44	753,775 70	1878	128,375 21	85,975 86
	9,012,095 96	6,688,173 55		\$1,052,798 68	918,939 79

Earnings and Expenses.

CHICAGO, ST. PAUL & MINNEAPOLIS.			MADISON & PORTAGE.		
	\$	\$		\$	\$
1871	159,664 64	74,699 11	1871	21,511 20	22,209 06
1872	403,202 10	259,059 86	1872	38,241 60	30,051 97
1873	869,188 99	591,974 90	1873	30,516 65	29,302 90
1874	884,920 10	697,107 54	1874	32,174 61	30,109 63
1875	827,678 62	650,911 33	1875	31,269 18	36,484 39
1876	810,368 67	624,955 06	1876	34,030 35	40,132 14
1877	775,498 45	780,293 99	1877	43,352 72	31,862 72
1878	942,344 69	566,495 78	1878	*31,507 17	30,251 77
	5,672,866 26	4,245,497 57		262,653 48	250,404 58

NORTH WESTERN UNION.			WISCONSIN VALLEY.			
	\$	cts.	\$	cts.	\$	cts.
1873	68,344	27	29,856	57	21,636	42
1874	238,198	04	91,066	35	61,255	12
1875	250,001	55	134,736	14	91,211	30
1876	275,683	89	156,621	29	121,393	33
1877	266,314	26	129,278	10	104,539	50
1878	289,939	10	156,985	41	107,587	31
	1,388,431	11	698,543	86	817,824	21
					507,623	03

WISCONSIN CENTRAL.			MIL., LAKE SHORE & WESTERN.			
	\$	cts.	\$	cts.	\$	cts.
1873	188,161	54	112,063	11	153,546	42
1874	620,454	96	373,676	62	182,137	75
1875	632,664	88	380,006	34	200,372	41
1876	720,367	64	427,411	46	229,283	08
1877	734,235	19	474,653	38	250,130	68
1878	733,819	30	474,497	06		
	3,629,703	51	2,242,307	97	1,015,470	34
					774,970	38

SHEBOYGAN & FOND DU LAC.			GALENA & WISCONSIN.			
	\$	cts.	\$	cts.	\$	cts.
1874	115,859	89	\$107,289	96	.....	.....
1875	122,401	10	101,864	40	.....	.....
1876	120,780	87	79,900	96	1876	16,833 78
1877	100,022	15	75,083	17	1877	17,014 92
1878	93,696	72	72,992	47	1878	*10,012 80
	552,760	73	437,130	96		43,861 50
						28,373 57

* For eleven months; balance of year included with Chicago, Milwaukee & St. Paul R. R.

Earnings and Expenses.

GREEN BAY & MINNESOTA.				CHIPPEWA FALLS & WESTERN.					
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	
1875	323,303	24	296,548	21	1876	31,023	89	14,317	98
1876	302,236	74	295,133	65	1877	27,368	73	14,285	60
1877	367,310	41	313,766	55	1878	25,682	66	15,502	17
1878	348,785	78	232,750	00					
	1,341,636	17	1,138,198	41		84,075	23	44,105	75

NORTH WISCONSIN.				PRAIRIE DU CHIEN & MCGREGOR.				
	\$	cts.	\$	cts.	\$	cts.		
1876	37,708	70	31,021	46	1876	47,167	00	Not given.
1877	50,190	11	35,934	42	1877	54,167	00	
1878	81,949	69	43,634	59	1878	54,768	50	
	169,848	50	110,590	47		156,102	50	

FOND DU LAC, AMBOY & PEORIA.				PINE RIVER VALLEY & STEVENS POINT.					
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	
1878	14,710	66	12,306	64	1878	15,500	63	9,112	78
	14,710	66	12,306	64		15,500	63	9,112	78

RECAPITULATION.

	EARNINGS.		EXPENSES.	
	\$	cts.	\$	cts.
Chicago, Milwaukee & St. Paul.....	69,148,718	07	44,892,693	30
Chicago & Northwestern	113,861,253	86	66,268,729	47
Western Union	9,012,095	96	6,688,173	55
Mineral Point.....	1,052,798	68	918,939	79
Chicago, St. Paul & Minneapolis.....	5,672,866	26	4,245,497	57
Madison & Portage.....	262,653	48	250,404	58
Northwestern Union	1,388,481	11	698,543	86
Wisconsin Valley	817,824	21	507,623	03
Wisconsin Central.....	3,629,703	51	2,242,307	97
Milwaukee, Lake Shore and Western...	1,015,470	34	774,970	38
Sheboygan & Fond du Lac.....	552,760	73	437,130	96
Galena & Wisconsin.....	43,861	50	28,373	57
Green Bay & Minnesota	1,341,636	17	1,138,198	41
Chippewa Falls & Western	84,075	28	44,105	75
North Wisconsin.....	169,848	50	110,590	47
Prairie du Chien & McGregor.....	156,102	50	.....	.....
Fond du Lac, Amboy & Peoria	14,710	66	12,306	64
Pine River Valley & Stevens Point.....	15,500	63	9,112	78
Totals	208,240,361	45	129,267,702	08

Operated but a portion of the year.

Passenger and Freight Traffic.

TRAIN MILEAGE.

The aggregate number of miles run by all the trains on the roads — the Sheboygan & Fond du Lac and North Wisconsin not reporting — was 20,345,020, of which 5,560,222 was by passenger trains; 12,084,593 by freight and mixed trains; 1,186,682 by wood, gravel and construction trains, and 1,513,523 by switching trains. For the corresponding period the year previous, the passenger train mileage was 5,237,725, and the freight and mixed train mileage was 12,407,243. An increase appears in the passenger train mileage over the previous year of 312,650 miles, and a decrease of 322,497 miles in the freight and mixed trains. Some of the increase in passenger train mileage is due to Sunday trains put on the Chicago, Milwaukee & St. Paul and the Chicago & Northwestern lines between Chicago and St. Paul, an arrangement that went into effect about the first of June last. The balance of the increase must be attributed to the extension of lines rather than to a greater frequency of trains on any of the roads.

PASSENGER AND FREIGHT TRAFFIC.

The total number of passengers carried on all the lines reporting was 5,336,188, who traveled, on an average, 39.73 miles each, equal to 211,918,225 passengers traveling one mile — an increase in the number of passengers carried one mile over the previous year of 8,129,107. The total passenger earnings for the year were \$6,033,894.00, a decrease from the previous year of \$56,989.31.

The total number of tons of freight carried, as far as reported, was 7,997,399, against 7,040,375 the previous year. The total number of tons carried one mile was 1,206,543,193, the proportion for Wisconsin being 563,741,280 tons.

An effort was made to obtain the tonnage of the different kinds of commodities transported, but with indifferent success. The total amount of freight carried on all the roads was very closely ascertained, which amounted to 7,997,403 tons, exclusive of the amount hauled by the Sheboygan & Fond du Lac, the North Wisconsin and the Chicago & Tomah, from which companies no reports were obtained. Several of the principal roads keep no record

Passenger and Freight Traffic.

of the different kinds of commodities transported, and were only able to report the total tonnage carried. It is to be regretted that more perfect information in these important particulars is not obtainable, as it would do very much toward correctly marking the constantly shifting course of the trade current, so important to the commercial world, and at the same time enable the railroad companies to forecast more clearly the sources from which their business must be derived in the future, and the nature of it.

But a few years ago the carrying of the wheat crop of southern Wisconsin was the principal incentive to the building of some of the lines of road which traverse that wealthy portion of our state. Now the southern counties hardly produce enough of that crop for their own consumption, and in the case of some of them, I believe, they import their flour, where but a few years ago was the great grain depot of Wisconsin. Wheat growing has given place to stock farms, to dairying, to wool growing, the culture of tobacco, and other kindred crops, less bulky but more valuable, costing far less to transport them to market, and as a consequence, producing a gradual decrease in freights from the cereals, while the railroads are deriving their revenues from sources wholly unexpected when the lines were first projected. This recession of crops is likely to continue, and the character of freights to be drawn from Wisconsin and the states and territories, west of it, will be very different in a few years from what it is at present, a fact that the sagacious railroad manager will not lose sight of. If the railroads kept a close classification of the commodities carried by them, so that the tonnage of each class could be compared from year to year, it would serve a valuable end, not less so to the railroads than to the public at large.

Almost equally important is it that they should keep and be able to give the direction of the tonnage carried. Some of the roads keep such a record, and were able to give the information called for upon that point. Incomplete as the record is, it is valuable as showing the disadvantage which western roads are put to in being obliged to make provision for carrying the products of the country traversed by their lines, and hauling back a large percentage of

Employes — Accidents.

their cars empty. Illustrative of this is the report of the Chicago, Milwaukee & St. Paul, which shows 245,253,263 tons of freight carried one mile eastward to 112,612,334 tons to the westward. The difference in the passenger traffic is not quite so marked, but still it is an important factor to be taken into consideration in adjusting fares. The number of passengers carried one mile to the eastward was 34,634,167 against 39,003,057 to the westward. The other trunk lines would probably show very much the same results, if the facts could be ascertained. While the trunk lines disclose the advancing tide of emigration to the west, the reports from the local lines show that the passenger movement from east to west is very nearly the same.

EMPLOYES.

The number of persons employed in the operation of the roads whose transactions are included in this report—embracing 5,382.78 miles of road—was 18,379, who received salaries aggregating \$9,213,527.52, a little more than \$500 per annum for each employe. The several companies classify their employes so differently that it has been found impossible to give any satisfactory exhibit of the average salaries paid to each class. A statement of the number of employes and average and total salaries paid them, as returned by the companies, appears in table No. 19, page 268.

ACCIDENTS.

A complete record of accidents to passengers, employes and others, occurring on the several railroads, is returned, a summary of which is given in table No. 18, page 267, and a detailed statement of them appears in the reports of the several companies. The total number of casualties in Wisconsin was 133 against 196 the previous year. On the entire lines, in all of the States, there were 284 casualties. One passenger was reported as killed from causes beyond his control, and two were, in like manner, injured. No passenger was killed in Wisconsin, and none has been in five years, except from his own want of caution. One passenger was killed as the result of his own carelessness, and six more injured. When it is considered that 5,336,188 passengers were

Railroad Mileage and Construction.

carried over the roads last year, an average distance of 39.73 miles, equal to 211,918,225 miles for a single passenger, the record appears at once creditable in the highest degree to the care and supervision of those who have the great responsibility of the management of the trains. By no method of locomotion could a passenger be secured a greater degree of immunity from danger than traveling by cars.

The nature and degree of the casualties will appear from the following summary:

Passengers killed from causes beyond their own control	1
Employes killed from causes beyond their own control	7
Others killed from causes beyond their own control.....	..
Passengers killed by their own want of caution	1
Employes killed by their own want of caution	28
Others killed by their own want of caution	65
Passengers injured from causes beyond their own control.....	2
Employes injured from causes beyond their own control.....	51
Others injured from causes beyond their own control.....	..
Passengers injured by their own want of caution.....	6
Employes injured by their own want of caution.....	66
Others injured by their own want of caution.....	57
Total number killed.....	103
Total number injured	182

Of the killed, 2 were passengers, 35 were employes, and 57 were "others," who were generally trespassers, in some degree, upon the track. The hazardous nature of the railroad employe's business is sharply defined by the number of accidents resulting to them, and the question is constantly recurring, if the number can not be reduced in some manner?

RAILROAD MILEAGE AND CONSTRUCTION.

In my report for 1879 a table was given showing the number of miles of railroad constructed in Wisconsin during each year since 1850-51, when the first piece of railroad was built in this state, being the road from Milwaukee to Waukesha, and now constituting a portion of the Prairie du Chien division of the Chicago, Milwaukee & St. Paul. The road was opened to the public February

Railroad Mileage and Construction.

25, 1851. The records for each year were given as returned to this office by the different companies, although it was apparent that in some cases they had not been prepared with the care necessary to entitle them to full credence, and I suggested that the returns would need some revision before they could be accepted as entirely accurate. Since then I have caused them to be revised and have availed myself of all sources of information accessible to me, to make them complete and accurate. In their reports to this office, last year, several companies operating leased tracks included them as portions of their own lines, and the companies owning them did the same thing, and so it happened that such portions of track as were operated by two companies in common were duplicated in the tables, and the total mileage was made to appear somewhat larger than was the fact. In the table which appears on page 315 of this report, of which the following is a recapitulation, every duplication that appeared last year has been eliminated, errors have been corrected, and the table as it now appears may be accepted as being as nearly correct as it is possible to make it.

<i>Year.</i>	<i>Miles.</i>	<i>Year.</i>	<i>Miles.</i>	<i>Year.</i>	<i>Miles.</i>
1850*	10.00	1860	17.90	1870	151.70
1851	24.00	1861	20.00	1871	417.72
1852	36.00	1862	55.90	1872	285.70
1853	18.10	1863 . . . . .	.....	1873	405.43
1854	69.60	1864	69.80	1874	88.60
1855	162.64	1865 . . . . .	.....	1875	48.47
1856	186.10	1866 . . . . .	.....	1876	133.43
1857	193.30	1867 . . . . .	.....	1877	62.34
1858	61.00	1868	58.90	1878	89.90
1859	87.90	1869	51.80	1879	89.90
Total					<u>2,896 13</u>

* As a matter of interesting information relative to the first railroad building in this state, the following communication from Mr. Edward Porter, who was one of the tracklayers of the road specified, will be found interesting in this connection:

"About the 25th of October, 1850, the first rail was laid on the Milwaukee & Waukesha road, beginning with the east end close by the river in Milwaukee, the track continuing west to Elm Grove ten miles, reaching that point about Dec. 17; the road-bed was not completed further west until January, 1851.

"About Dec. 19th, thirty-five trackmen were sent to Waukesha to lay track from that point east. A few rails had been taken from Elm Grove to Waukesha by teams. Some few rails were laid at that station the last days of 1850. About Dec. 23, the writer was sent with eighteen men three miles east from Waukesha, the place where the Forest House now stands, to lay track west. A few rails were drawn by teams. A few were laid the last days of the

New Construction.

NEW CONSTRUCTION.

The new track, graded and ironed, during the year 1879, is as follows:

<i>Chicago, Milwaukee & St. Paul</i> —	<i>Miles.</i>
Melvina to Viroqua	22.00
<i>Milwaukee, Lake Shore & Western</i> —	
Clintonville to one mile north of Tigerton	19.70
Hortonville, south (Oshkosh extension).....	11.40
<i>Wisconsin Valley</i> —	
Wausau (one mile north), to Jenny.....	17.30
<i>North Wisconsin</i> —	
Granite Lake, six miles north.....	6.00
<i>Chicago & Tomah</i> (narrow gauge) —	
Dankliff Junction to three and one-half miles south of Montfort.	13.50
Total for 1879.....	<u>89.90</u>

This is precisely the same amount of rail that was laid in 1878, but exact measurements may change the total a mere fraction. The total amount of miles of track at the close of the year 1879, is 2,896.13, of which 2,777.13 are standard gauge and 119 are narrow gauge. There were, also, on the 30th of September, 186.33 miles of side track and spurs, exclusive of that of the Chicago, Milwaukee & St. Paul, and the Chicago, St. Paul & Minneapolis, which was not returned.

The following companies also have "trackage" — that is, the use of tracks belonging to other companies — to the amounts stated, viz.: The Milwaukee, Lake Shore & Western, over the Northwestern Union, from Milwaukee to Lake Shore Junction, 3.6 miles; the Milwaukee & Northern (leased by the Wisconsin Central) over the Chicago, Milwaukee & St. Paul, from Milwaukee to Schwartzburg, 9 miles; the Green Bay & Minnesota over the Chicago & Northwestern, from Winona Junction to Winona, 23.20 miles.

year. Did not pay to handle by team, and the work at the two places came to a stand. The track from Milwaukee to Elm Grove, about ten miles, was in use by the two engines, then owned by the company, on the last days of December, 1850; I believe this ten miles was all the railroad in use, in Wisconsin, in the beginning of 1851."

Roads in Process of Construction — New Organizations.

ROADS IN PROCESS OF CONSTRUCTION.

In addition to the completed road a considerable amount that was not quite finished on the 31st day of December, but was so nearly so, that perhaps it ought to be credited to the construction of 1879, as the grade was complete and the iron would have been laid if the rolling mills had filled their contracts. The Milwaukee, Lake Shore & Western will have completed its Oshkosh extension, 22.42 miles, from Hortonville, south, before these pages can be printed. The same Company has its track largely graded from a point one mile north of Tigerton, to Co-tu-it, about ten miles.

The North Wisconsin has 14 miles of track graded, which will be ironed before February 15th; the Menasha & Appleton Railway is graded to Appleton, 5 miles, (2½ miles borrowed from the Wisconsin Central, by which road it will be operated) and the track will be laid within a few days; the Chicago & Tomah (narrow gauge) has its track about graded to McCormick, ten miles from its present terminus, where a junction will be formed with the Galena & Wisconsin, and it will be ironed to within four miles of that point during the next two weeks, but the balance of the work will be postponed until next spring.

The St. Cloud, Grantsburg & Ashland R. R. Co. has graded a road from Grantsburg, in Burnett county, to the St. Croix river, a distance of thirteen miles, and the balance of the line from the St. Croix river to Rush City, Minn., where it strikes the St. Paul & Duluth R. R., has also been nearly graded. The piers across the St. Croix river are also to be put in the present winter; the ties have been contracted for, and I am informed that arrangements have been consummated for furnishing the iron. The road will probably be operated by the St. Paul & Duluth R. R. Co.

NEW ORGANIZATIONS.

The Eau Claire Railway.—This is a company organized for building a track from a point on the Chicago, St. Paul & Minneapolis line to various points in the city of Eau Claire.

The Menominee Railway.—This is to be an extension of the

New Organizations.

Chicago & Northwestern from Quinnesec, in the Upper Peninsula of Michigan, to the iron ore mines in section 21, town 40 north, range 18 east, in Oconto county. Albert Keep, Marvin Hughitt, J. B. Redfield, M. M. Kirkman and C. C. Wheeler are the corporators. The road will be built during the present year.

The Portage & Freeport Railroad.—This company, Charles L. Colby, Matthew Wadleigh, F. M. Finney, Joseph L. Colby, and Edwin H. Abbot incorporators, was formed to build a line from the southern terminus of the Southern division of the Wisconsin Central at Portage to Freeport, Ill. Considerable engineering has been done, but when active operations on the road will be entered upon, remains undetermined.

The Mineral Point R. R. Co. has filed its resolution to extend its line north to the Wisconsin river *via* Dodgeville, and down Blue river to Muscoda, or near there, and has sent its engineers to run a line through to La Crosse. The company expects to build twenty or more miles of road next summer. The extension will be known as the Northern Division of the Mineral Point Railroad.

The Freeport & Dodgeville Railway.—This company—Samuel W. Reese, Joseph Bennett, James Roberts, G. W. Burrall, and Joseph Whitman, as incorporators—took its patent May 14th for building a road from Freeport, Ill., north *via* the Pecatonica Valley to Dodgeville. The present status of the company, and its future intentions, are unknown to me.

The Wisconsin & Minnesota Railroad.—This company, of which C. L. Colby, F. N. Finney, Joseph L. Colby, Matthew Wadhigh and Edwin H. Abbot are the incorporators received its patent Aug. 8, for building a road from some point on the line of the Wisconsin Central between Marshfield and Medford, to the western boundary of the state. The company is now engaged in locating its line from Colby to Chippewa Falls and its construction the coming season is reasonably well assured.

The St. Paul & Eastern Grand Trunk Railway.—The incorporators of this company are Jesse Spaulding, A. B. Stickney, W. K. Young, W. A. Ellis, Dana C. Lamb, Alex. Stewart, S. B. Hubbell, Thad C. Pound, L. C. Stanley, Wm. Pitt Bartlett, Thos. E.

New Organizations.

Randall, William Wilson, and Robert Mariner. Their patent of incorporation was issued September 5, 1879, for building a road from some point on Lake St. Croix or Mississippi river to a point on Green Bay or Lake Michigan. The line of this projected road covers very nearly the same ground as that of the proposed Wisconsin & Minnesota Railroad, and a combination of the interests of the two companies, whereby the latter will build a road from Colby to Chippewa Falls, at which point a junction will be formed with the Chippewa Falls & Western, seems likely to be effected, in which case the Milwaukee, Lake Shore & Western will without doubt extend its line from Lake Co-tu-it to Colby, and the balance of the line east, to some point on Green Bay, will be the mission of the St. Paul & Eastern Grand Trunk.

The St. Paul & Chicago Short Line Railway.—This company was incorporated May 17, 1879, for building a road from River Falls to some point on the south line of the state in La Fayette county. Hans B. Warner, H. P. Ames, D. W. Wadsworth, E. L. Davis, J. B. Johnson, J. W. Hancock, M. J. Paine, F. L. Gibson, J. G. Keith, John W. Winn, S. Strickland, M. H. Clapp, and Louis Weber are the incorporators.

Besides these projected roads by new companies, the North Wisconsin will build the fifth section of twenty miles of its road north-erly toward Lake Superior, the present year, and President Sawyer informs me that the sixth section will also probably be built. An extension of the Chicago, Milwaukee & St. Paul from Monroe to Du-buque, is more than probable. The Chicago & Tomah will complete its line to McCormick, and expects to iron the road bed, which it has graded north of the Wisconsin river from Wauzeka. The Fond du Lac, Amboy & Peoria has an extension of its line north-easterly from Fond du Lac to Sturgeon Bay, and a further extension from Iron Ridge south, in view. That the Chicago & North-western will build a road from some point on its line to Milwaukee, either by an extension of the Sheboygan & Fond du Lac, which is under process of foreclosure in the Fond du Lac Circuit Court, and of which it is to become a proprietary road, or by a new line from Madison to Milwaukee, or by the original plan of a road from

New Organizations.

Iron Ridge to Lodi, is quite certain; and that portion of the Sugar River Valley road from Albany to Brodhead (already graded), is likely to be ironed by the Chicago, Milwaukee & St. Paul.

Considerable interest is also being manifested in their lines by the present owners of the franchises of the Milwaukee & Dubuque road and of the Chicago, Portage & Superior (formerly known as the Wisconsin Central, and more recently as the Chicago & Northern Pacific Air Line). Both of these companies have considerable amounts of road graded, and the latter company has an important land grant to aid in the construction of its contemplated road.

The great advance in the price of rail, during the past year, and the difficulty experienced in getting orders filled at the rolling mills, may postpone somewhat the building of some of these roads, but the prospects for a very large amount of railroad building in this state the present year are encouraging in the highest degree.

The Detroit, Mackinaw & Marquette R. R.—Although no portion of the above named road lies within this state, the project is so closely identified with the future railroad system of northern Wisconsin, and has so important a bearing on the future commerce of our state, that reference to it, in this place, is deemed not inappropriate. The line of the road above mentioned is from Mackinaw to Marquette, a distance of about one hundred and fifty miles, with a projected branch to Sault Ste. Marie. The company organized for building the road has been endowed by the legislature of the state of Michigan, with a land grant of sixteen sections of state swamp lands per mile of road, and is under contract with the state to construct forty miles the present year, and the whole line before December 31, 1882. The line of the road has been surveyed, and a portion of it definitely located, and the contract for twenty miles, commencing at Marquette, has been let, and the opinion is expressed in circles likely to be well informed, that the whole road will be in operation by August of next year, and a connection made with it at Sault Ste. Marie by an extension of the Canada Pacific road to the Sault from Lake Nipissing; and an extension

Special Improvements.

of the same line to St. Paul is contemplated, and is now being surveyed by direction of the British Minister of Railways. West of Marquette, the Marquette, Houghton & Ontonagon R. R. is completed to L'Anse, a distance of sixty miles. This company also has a land grant from Marquette to Ontonagon, and the statement is authorized that "it will meet any responsible company in the building of a road from Duluth or Thomson, which offers business, with an extension of their own road west as far as the limit of their land grant, possibly further." That all of the roads mentioned are to be built at an early day, admits of but little doubt.

The Wisconsin Central has a large land grant from Ashland to Superior, and the Northern Pacific a still larger one from Thomson east to the mouth of the Montreal river — the boundary line between Wisconsin and Michigan — either of which is immediately applicable to the building of a road.

With their construction, the immense wheat-growing district tributary to the Northern Pacific road (which is to be the future granary of this continent) will have a short and direct route to the seaboard. Unless those to whose custody the future commerce of Wisconsin has been committed — the managers of our great railway lines — occupy the ground very soon, and place themselves in a position to do the carrying business offered by the empire springing up in the Northwest, they will find, when it is too late, that an immense traffic, important not only to their lines of road, but to Milwaukee and Chicago as well, has been diverted from them by a Grand Trunk South Shore line to the East, to the great detriment of all concerned. A road from Ashland to Duluth, constructed in the interest of some of our own railways, ought to be undertaken at once, and constructed with the least possible delay.

SPECIAL IMPROVEMENTS.

The most of the corporations have been improving their railroad properties during the year to a great degree, and it is not too much to say that they are making them equal in most particulars, and superior in many, to the best roads of the country. From their
d — R. R. COM.

Chicago, Milwaukee & St. Paul.

reports to this office, the following information is gathered which is considered worthy of special mention:

CHICAGO, MILWAUKEE & ST. PAUL.

Bridges.—A wrought iron railway swing bridge, with double iron track, and having a span of 220 feet, has been erected over the canal in the city of Milwaukee. The structure is a very fine one.

Shops.—New shops for machinery department, in Milwaukee, have been erected during the year. They embrace a machine shop proper, 420 x 112 feet; engine and boiler rooms attached, 62 x 72; office, etc., 40 x 50; blacksmith shops, 70 x 300; boiler shops, etc., 80 x 420; round house, (embracing 44 stalls), 315 feet in diameter, the whole making a very complete outfit and admirably adapted to the purposes for which they were constructed.

Track.—Ninety-nine miles of steel rail have been laid during the year, forty-eight of which are in Wisconsin.

Freight Houses.—Large freight houses have been constructed at Chicago, Milwaukee and Minneapolis, besides other minor improvements of a similar character at other points. Additions to the cattle yards at Milwaukee, in the construction of which three million feet of lumber was used.

Extensions.—The company has in process of construction a short line from St. Paul to Minneapolis, a distance of twelve miles. It has an extension of its recently acquired Davenport & Northwestern road in process of construction, and the road is graded from Fayette to Fort Atkinson, a distance of twenty-three miles.

The Iowa & Dakota division has been completed to a point eighty miles west of Pattersonville, and the branch from Marion Junction, Dakotah, to Running Water, on the Missouri, a distance of sixty-three miles, has been nearly completed. The branch line from Rock Valley to Yankton, sixty-six miles in length, is under construction, and fifteen miles of it are graded.

The Hastings & Dakota division has been extended from Glencoe to Ortonville, on the western boundary of Minnesota, 27.9 miles.

New Equipment.—The company has added nine locomotives; four sleeping cars; thirteen passenger cars; one steam shovel, and

The Chicago & Northwestern.

five hundred and ninety freight and other cars to its equipment at an expenses of \$368,269.15. The other additions to its property account amount to \$10,219,687.36.

For the purchase and construction of roads, the following items appear:

Construction of Algona Extension.....	\$1,417,957 26
Construction of Milwaukee Cement Railway	10,448 29
Construction of Viroqua Railway.....	280,751 17
Construction of Minneapolis & St. Paul Railway	152,994 34
Purchase of bonds of Dubuque South Western R. R.....	182,554 50
Permanent improvements on same	15,538 81
Purchase of Madison & Portage Railroad bonds	381,271 13
Permanent improvements on same.....	63,013 20
Purchase and construction, Davenport & N. W. Railway.....	1,828,022 62
Purchase Western Union Railroad.....	5,315,104 81

The company has graded 243 miles of road during the year 1879 of which 163 miles were ironed, leaving 80 miles graded ready for the iron. It had in operation at the close of the year 2268 miles of road and 141 miles ironed but not under operation.

THE CHICAGO & NORTHWESTERN.

Bridges. — The iron bridge over the Wisconsin river, at Merrimack, which was under construction last year, has been completed, and is regarded as one of the finest structures of the kind in the country. It is 1,725 feet long, and rests on masonry. The bridge was built by the Leighton Bridge Co., of Rochester, N. Y. Five of the wooden bridges across the Baraboo river have been replaced by iron bridges, 225 feet long, having three spans of 75 feet each. Another bridge, 200 feet long, of three spans, one 125 feet long, one 45 feet long, and one 30 feet long, with stone piers and abutments, is now being built. Four bridges have been filled up, it having been found unnecessary to maintain them. Twelve bridges have been replaced with stone culverts. Five pile bridges have been thoroughly rebuilt, one of which, located between Menasha and West Menasha, is 1,664 feet long.

Steel Rail. — Steel rail on the Madison division is now complete, except three miles between Reedsburgh and La Valle, and twelve miles between Winona Junction and Trempealeau. Fifty-three

The Chicago & Northwestern.

and one-half miles of iron track have been replaced with steel, during the year, and the whole thoroughly ballasted and put in perfect condition. Eight miles of side tracks have been put in, including over five miles of track to the Appleton water power and Kenosha harbor.

Stock Yards.—New stock yards have been built at Madison, Rockland, West Salem, Midway, Trempealeau, Appleton, Oshkosh and Shopiere. Scales have been put in into nearly all of them; pens for hogs erected; some of the yards planked, and some of them covered to protect the hogs from the heat of the sun and storms. Many repairs have been made to stock yards at other stations.

Depots.—Depots have been re-built at Midway and Kendall; new depots have been erected at St. Catherines and Bay View, and those at Depere, Fond du Lac and Van Dyne, have been enlarged and improved. Two new freight depots have been built at Milwaukee, one of them 40x360 feet, and the other 50x365, together with an office 24x70, all of brick.

Improvements and repairs.—Extensive improvements have been made at Madison; a very large amount of material has been drawn there for filling the freight depot, and coal sheds have been moved and improved, and are of such a character as to be worthy of the station and a credit to the company. Considerable work has also been done toward filling up and making solid embankment in the long piling through Lake Monona, at Madison. An important improvement has also been made at Union Center. A little over a mile of track has been laid around the hill, which makes the line easier to operate without increasing its length. Extensive repairs have been made at tunnels Nos. 2 and 3, and at Baraboo, where a new blacksmith shop and an engine house containing seventeen stalls, both of brick, have been erected. An iron turn table and new water works have also been furnished the latter station.

The additions to the property accounts of the road for the year, including cost of Stanwood & Tipton R. R., aggregate \$1,113,822.37.

The company had under operation December 31, 1879, 2,238.67 miles of road, of which 1,199.75 were owned; 428.89 were leased, and 610.03 were proprietary lines.

Chicago, Minneapolis & St. Paul.

CHICAGO, MINNEAPOLIS & ST. PAUL.

Steel Rail.—New steel rails to the amount of 2,000 tons have been laid in place of iron rails taken up and removed. The steel all laid with angle splice bars.

Ties.—Seventy-five thousand new ties have been put in place of old ties taken out, and to complete the deficiency where they were short of 2,640 to the mile.

Side Track.—The yard, comprising side tracks and buildings at Eau Claire has been entirely changed and enlarged adding very much to the lineal feet of side track at that station, beside which there has been added at other stations 4,850 lineal feet.

Stations.—New depot or station buildings have been completed at Wisconsin Valley Junction, at Fairchild, at Fall Creek and at Hammond. The buildings at Black River Falls and Augusta, have been rebuilt so that they are practically new, the depot at Eau Claire built and bricked and an entirely new freight house.

Car Shops.—A building for repairing cars has been built at Hudson.

Bridges.—There have been quite extensive improvements in bridges. The new iron bridge, with stone piers and abutments, across the Red Cedar river near Menomonie, has been completed, and the line of the road changed on both sides of the river, straightening the curves, and reducing the grade at the crossing of the bridge. Several high wooden trestle bridges have been replaced by filling with earth embankment, or stone culverts, in all 1,770 lineal feet.

The trestle across St. Croix Lake has been filled 500 feet. It is proposed to fill this with earth, making an embankment with sufficient water-ways, or openings, in addition to the drawbridge and truss which cross the channel of the river or lake.

Telegraph.—The telegraph line has been entirely renewed.

Roadbed.—There have been large renewals of cattle-guards, culverts, pile bridges and platforms and quite a large increase of fencing. The surface of the roadbed has been, in many places, improved by raising. The amount of thorough ditching has been increased; the right-of-way cleared up by cutting down the brush and burning it,

Corporate Aid to Railroads.

with the logs and stumps that were left when the road was constructed.

Rolling Stock.—There have been added nine locomotives, and an increase of both flat and box cars, intended to accommodate the increasing lumber and grain traffic of the road. The watchful attention of the managers has been directed first, to secure safety to persons and property, in all that was required upon the track, culverts, bridges, and rolling stock—and so far as the financial ability of the company would permit, to add other improvements increasing the comfort of the traveler, facilitating the transaction of business, and encouraging the development of various industries along the line of the road.

THE WISCONSIN CENTRAL.

The Track.—Fifty-two and one-half miles of track have been raised and ballasted with gravel, making a very decided improvement in the track.

Bridges.—Two thousand nine hundred and fifty feet of bridging have been rebuilt.

Fencing.—Between Portage and Phillips 18,416 feet of fencing have been built.

Sidings.—On the entire line 8,140 feet of new sidings were laid; many side tracks were changed and improved so as to afford increased facilities to shippers.

The total charges to "property accounts" for the year, were \$47,630.81.

CORPORATE AID TO RAILROADS.

Under the laws of this state, counties, cities and towns are authorized to subscribe to the capital stock of railroad companies. For many years there was no restriction as to the amount of such subscriptions which any municipality might make, and some communities made much larger subscriptions than they could well pay, regarding them as a matter of little importance, not expecting to be called upon to pay them—expectations that were not generally realized, for in due time they came to understand the full consequence of their ill-considered acts by the judgments of the courts which had been entered against them. The worst feature of the

Corporate Aid to Railroads.

proceedings was, that many bonds, which had been voted to aid the building of roads, got into circulation, in some manner, and the communities which had made them were required to pay them without seeing the road built, for which they had been pledged. Those localities which have suffered the most severely from railroad indebtedness are those which obtained no roads. In 1874, however, a constitutional amendment limited indebtedness that might be created by counties, cities and towns, for all purposes, to five per cent. of the assessed valuation. Since that time, but little railroad aid indebtedness has been incurred which is onerous to the communities that are obligated for its payment. The old bonds are being gradually retired, and in ten years from now nothing but unpleasant recollections of them will remain, except in a few isolated cases of counties and cities that find themselves obligated for bonds which they are evidently unable to pay, and cannot, or will not, compromise. No more than two or three localities are, however, so circumstanced, and it is to be hoped that some just and honorable means may be found, whereby the bondholders, as well as the bond makers, may be brought to a common understanding.

The whole amount of railroad indebtedness of this character that has been incurred in Wisconsin cannot be precisely stated, but the first railroad commissioners of this state reported it as \$7,515,186, exclusive of the amount of "farm mortgage" subscriptions. The amount of such indebtedness that remained unpaid in 1877, was, according to the returns made to this office, \$5,049,136.32. This is considerably in excess of the true amount, however, for several cities, as Madison, Racine, etc., have returned under the head of "railroad indebtedness" their total indebtedness, incurred for all purposes, a large portion of which is not chargeable to railroad aid, but as their indebtedness has been funded, the amount of each form of indebtedness cannot be distinguished. The total amount was reduced by the tax levies of 1878, \$179,153.17, and by the levies of 1879, \$200,888.79. The amount was further reduced by the cancellation of \$275,000 of the bonds of Douglas county, which were issued but remained unearned. This makes a reduction of \$655,041.96 in two years, and leaves but \$4,394,094.36 of railroad

Taxation of Railroads.

indebtedness outstanding. This amount has been increased about \$130,000 by aid voted in 1879, the precise amount of which has not been ascertained. It should be stated, however, that the amount of indebtedness above given, includes the entire amount voted, some of which remains unearned, and some is contested.

During the year the cities of Ripon and Portage, and the towns of Ashwaubenon, Brooklyn, Cedarburgh, Lake Mills, Sherman and Kickapoo, fully provided by their tax levies, for the extinguishment of their railroad debt, and the bonds of the towns of Stanton and Star Prairie have been canceled. I desire to repeat, in this connection, what I stated in my last report:

“While the towns and cities have paid, or are paying, their railroad aid indebtedness as it becomes due, it is noticed that counties which have voted aid very generally become involved in litigation over their bonds. This arises, probably, from the fact that all parts of counties voting aid to railroads do not share equally in the benefits of their construction. People do not cheerfully pay taxes for purposes from which they derive no benefit, and it is not to be wondered at that they avail themselves of every facility that affords them an escape from such payments. It is believed that the law, as now limited by the constitution, which authorizes towns and cities to aid railroads, serves valuable ends and promotes the public interest; but in about every instance where *county* aid has been voted, the result has been fruitful of litigation, overburdensome to the people, unequal in its results, and has created a feeling of dissatisfaction and unrest that checks enterprise and is positively vicious in all of its effects. In my judgment all laws authorizing counties to aid railroad enterprises ought to be repealed.”

TAXATION OF RAILROADS.

At the convention of railroad commissioners held at Saratoga Springs last June, the committee appointed at the previous convention held at Columbus, O., Nov. 1878, consisting of Commissioners Chas. F. Adams, Jr., of Massachusetts, Wm. B. Williams, of Michigan, and John H. Oberly, of Illinois, “to examine into and report the methods of taxation, as respects railroads and railroad securities now in use in the various states of the Union, as well as in foreign countries, and further to report a plan for an equitable and uniform system for such taxation,” submitted a preliminary report which will be found in the appendix to this report.

Taxation of Railroads.

The ability of the distinguished gentlemen constituting this committee entitles their report to far more than ordinary consideration. The laws of all the States of the Union, as well as from Canada, England, Belgium, Holland, Germany, France, Russia, Switzerland, and Austro-Hungary, relating to the taxation of railroads, were collected and carefully examined, and the conclusion was unanimously reached "that of all the systems of taxation examined by them, those in use in England, among the countries of Europe, and in Michigan and Wisconsin, among the states of the Union, seem to them most intelligent and in conformity with correct principles. The Michigan and Wisconsin systems would seem to be especially commendable."

The complimentary manner in which the committee has alluded to the railroad taxation laws of Wisconsin and Michigan, as being the best of the world, is certainly a very high compliment to those who have had the framing of those statutes, the more particularly to our own state, as the draft of the law which the committee recommends for adoption by all the states, is in almost the identical language of our own statute. Following is the draft of law alluded to:

SEC. I. Every corporation, person or association owning or operating any railroad or any portion thereof in this state shall on or before the day — of — in each year pay to the state treasurer an annual tax upon the gross receipts of said railroad, computed in the following manner, viz.: Upon all gross receipts not exceeding — thousand dollars in amount per mile of road actually operated, — per cent. of such gross earnings; upon such gross receipts in excess of — thousand dollars per mile so operated, — per cent. thereof; which shall be in lieu of all other taxes upon the property, capital stock or evidences of indebtedness of such corporations, except such real estate as lies outside of the location for a right of way exclusively, not exceeding — rods in width.

SEC. II. The real estate lying outside of such location, shall be liable to taxation in the same manner as other real estate in the same place.

SEC. III. When a railroad lies partly within and partly without this state, there shall be paid into the state treasury such proportion of the tax imposed by the first section of this act, as the length of its operated road in this state bears to the whole length thereof.

Railroad Returns and Reports.

THE ST. CROIX LAND GRANT.

The litigation over the St. Croix land grant, which has been so long pending, and which has had the effect to retard, in some degree, the building of the road from Lake St. Croix to Bayfield, has resulted in a decision by the United States Circuit Court, for the Western District of Wisconsin, favorable to the North Wisconsin Railroad Company, and the Wisconsin Railroad Farm Mortgage Land Company, and adversely to the Madison & Portage Railroad Company and the West Wisconsin Railroad Company. The opinion of Judge Harlan is given in the appendix. I am advised by James Campbell, the President of the Madison & Portage Company, that an appeal will be taken to the United States Supreme Court.

RAILROAD RETURNS AND REPORTS.

The date when railroad companies should make their reports to the commissioners of railroads, was fully considered at the Saratoga convention, and a form of blank upon which the returns should be made was adopted. It was recommended that the railroad year should close June 30, and returns be made for the year ending that date. It is a matter of considerable labor for the officers of railroad companies to prepare the reports they are required to make to the several state commissioners. Many of their roads run through several states, each of which may have a different time at which the reports shall be made, and so it happens that the companies are required to make many reports where but a single one would answer. The 30th of September has been the time for closing the railroad year in this state, and the several companies have been required to make their returns to this office at an early a day as possible after that date, but it has been found wholly impracticable to get all companies to make prompt returns, although the most of them have done so. Until all the returns are received but little progress can be made in the tabulations, which alone present results of particular value to the public, and of course the commissioner can do nothing toward the preparation of his own report until the tabulations are made.

The last return embodied in the present report was not received

Reports to Stockholders.

until December 13. This has left less than a month for the preparation and printing of the report in season to have it upon the desks of the members at the opening of the legislature. It is hardly necessary to say that this is not sufficient time for tabulating, digesting and reviewing the returns as thoroughly as could be desired. I have concurred, therefore, in recommending June 30 as the date for closing the general railroad report for the year. Supplemental reports, pertaining to the more important transactions of railroads, can be called for and given to the public with very small labor to the secretaries and auditors of the roads. This method will preserve all the essential benefits of the plan which has heretofore prevailed, and at the same time save much labor and expense, and enable the commissioner to review the reports far more carefully and completely than he otherwise could do. No legislation is necessary, in this particular, as the commissioner is authorized by existing statutes to call for reports and returns at such times as he may require.

REPORTS TO STATE TREASURER AND COMMISSIONER.

Section 1211 of the revised statutes requires railroad companies to make returns to the state treasurer of the gross earnings of their roads, and other specified matters, to enable the treasurer to determine the amount of license fees such companies shall pay. Section 1795 requires the railroad commissioner to obtain the same information and report it to the state treasurer, thereby entailing upon companies the labor and expense of preparing duplicate reports intended to cover a single object. I recommend that one of these reports be dispensed with and the statutes be so amended that but one report will be required.

REPORTS TO STOCKHOLDERS.

Section 1843 requires railroad companies to make reports to their stockholders of various matters therein enumerated. The concluding portion of subdivision 13 of said section requires a certified copy of such report to be filed with the railroad commissioner. This requirement has been complied with by the leading companies, but several of the smaller ones have failed to file any report in this office, and it is doubtful if they have made the report, contem-

Liability for Injuries to Employees.

plated by the statute, to their stockholders. The commissioner will expect a full compliance with the statute, in this important particular, in the future.

RAILROAD MAP.

I have caused to be engraved and printed, and bound in this report, a carefully prepared railroad map of the state, showing all the lines of road built up to the commencement of the present year. The reports of the commissioners of most states includes such a map, and I have deemed it of sufficient importance to have one prepared for Wisconsin. It will be found of great convenience to all who have occasion to consult the present, or investigate the future, railway system of our state.

LIABILITY FOR INJURIES TO EMPLOYEES.

Section 1816 of the revised statutes, makes railroad corporations liable for injuries to employes caused by the negligence of other employes. This statute is looked upon with great disfavor by the railroad corporations, as "class legislation," and its validity has been strenuously resisted in all of the courts of this state, but its constitutionality and binding force upon the corporations has uniformly been held by the circuit courts, and finally, by the supreme court, to which an appeal was taken. It was supposed that the decision of the latter court would be accepted as final, and as fully determining the liability of corporations within the purview of that section, but in the case of *Dittberner vs. The Chicago, Milwaukee & St. Paul road*, wherein a judgment against the defendant, given by the Columbia county circuit court, was affirmed by the supreme court, an appeal has been taken to the United States supreme court. If this appeal were taken for the purpose of delay, or to render it impossible or difficult for the plaintiff to follow his case to that court, the proceedings could not be too strongly condemned; but I have no doubt the appeal was taken in good faith, and with a legitimate desire to obtain the opinion of the highest court of the land upon a point that is of great moment to the corporations. While it works a hardship in this particular case, the importance to the public and the corporations, of the interests involved in this statute, justifies the course

Conclusion.

taken, and it is to be hoped that this matter, important alike to all concerned, may be set at rest, for all time, by the opinion of the supreme court of the United States.

CONCLUSION.

Very few complaints have been made to this office against railroad corporations for charging greater rates than is allowed by law. In a few cases such complaints were made under the supposition that the original tariff rates, prescribed by the "Potter law," were still in force. The more general idea prevails that there is, under the "Vance law," no limitation whatever upon the rates that may be charged. It seems to be proper, therefore, to state in this connection, that the Chicago, Milwaukee & St. Paul, and the Chicago & Northwestern roads, and all roads owned, leased or operated by them, are prohibited (section 1803, R. S.) from demanding, collecting or receiving a greater compensation for the transportation of persons or property than is fixed for corresponding distances in the published schedule of the tariff rates therefor of the Chicago, Milwaukee & St. Paul Railway, which was in force on the 15th day of June, 1872. There is no limitation whatever upon other companies except the general provision that no railroad corporation shall charge an unreasonable price for the transportation of persons or property, and shall make no greater charge for the transportation of the property of any person, company or corporation, than is charged any other person, company or corporation for *a like service*, but it rarely happens that the conditions of different transportation services are alike.

It is true that a general and wide-spread feeling prevails that there is too great a difference between "local" and "through" freights, and one is constantly hearing the cost of getting goods from New York to Chicago and Milwaukee, compared to what it costs to get the same goods carried fifty or a hundred miles into the interior. It is accepted as a matter of course that the rates to Chicago and Milwaukee are sufficiently remunerative, and it is claimed that the rates to the interior are, therefore, unreasonable and exorbitant. So while the great difference between the rates is known, the cause or necessity for it is little understood.

Conclusion.

The close competition between railroad corporations for the business offered at competing points has reduced the rates for carrying from such points to the merest fraction over working expenses. It would be wholly impossible to do all the business of the roads at a corresponding rate, and earn any surplus over operating expenses to meet interest accounts, much less pay dividends, and so for the small profits received from business offered at competing points, the railroads are forced to make up — “recoup,” I believe they call it — on business obtained at points from which there is no competition.

The local shipper naturally objects to being compelled to make up what somebody else, in his estimation, ought to pay, for it is to be presumed that all fair-minded men are willing that the railroads shall earn reasonable profits. But there is no way by which local freights can be reduced, unless the railroads can earn more revenue on business obtained at competing points, and that they cannot do unless they combine or “pool their business,” and probably there is nothing to which the public is more hostile than they are to these pooling arrangements or combinations. Much of this hostility might not exist to the degree it does, if the public were better informed of all the purposes of the combinations. At all events, the railroad managers assure the public that it is necessary, and all all right, and in their interest, as they will presently see. So they have seen freight rates advanced from time to time, but have not as yet, I believe, discerned that they have been reduced from non-competing points, or that there was any reason, in justice, for the advance, and so the dissatisfaction continues, for the rates that have prevailed at non-competing points have only been justified on the ground that they were necessary to make up for their inability to earn what they were fairly entitled to at competing points.

Wisconsin farmers, however, would do well to bear in mind that they, least of all, can afford to demand a *pro rata* tariff to the seaboard. Their local freights are but little, if any, in excess of the local rates which prevail in the New England and eastern states, and through rates between Chicago and New York, which were in force before the advances in rates last fall, enabled the western

Conclusion.

farmer to market his produce almost as cheaply as the farmer of western New York could do. Indeed, our dairymen could have the products of their factories delivered at Liverpool, quite as cheaply as the factory men of Central New York or the Western Reserve could do. On this same subject, the Iowa commissioners, in their recent report, used the following language:

“In the states of New York, Pennsylvania, Delaware and Maryland the farmer can urge with some show of reason that the value of his lands has been reduced by the cheap through rates from the west, and may insist that his freight shall be carried *pro rata* with the through freight. The English farmer complains that, by reason of cheap through transportation, the products of the Mississippi valley, have driven him out of his own market, and demands for his protection the re-enactment of the corn laws and the reduction of rates. There is no subject in England to-day that so seriously affects the public mind as this. The same thing is true of our eastern states. The value of farms has been reduced in ten years about fifty per cent., or has followed the reduction of rates in our through transportation lines, the per centage being about the same. That these people should demand *pro rata* rates that would give their property a value in proportion to its nearness to market, is certainly natural and to be looked for in their legislation; but for the people of Iowa, a state, that but for its railroads would to-day have been settled but little more than along its rivers, to demand and require the principle of prorating per mile for all distances, seems to us suicidal. Followed as naturally might be expected by the states east of us, we soon would have demonstrated that, what was a low rate within one hundred miles of New York, Philadelphia or Baltimore, *pro rata* to the capital of Iowa, would be more in value per hundred pounds than any cereal that we can raise on our soil. We have treated this question from purely an agricultural standpoint, eighty-three per cent. of the transportation reported to us being agricultural products or pertaining to them.” What is true of Iowa is equally true of Wisconsin.

— In conclusion I desire to bear cheerful testimony to the general good condition of the several railroad lines of this state. Our principal lines, in track, equipment and management, are second to

Conclusion.

none in the United States, and the managers of all the railroad properties of the state are omitting nothing in their efforts to bring their lines to the highest degree of excellence. An inspection of the reports of the several companies under the head of "Additions to Property Accounts," will disclose the extent and nature of the improvements which are being made. Iron rail, as it becomes unsuitable for use, is being very generally replaced with steel; wooden bridges are all giving place to iron structures as fast as there is occasion for rebuilding them. Greater facilities are being afforded shippers in the way of new stock-yards, depots and freight cars.

The financial condition of the several roads is fully exhibited elsewhere. Nearly all of them are paying their interest accounts, and those that are not are making such a disposition of their affairs as will enable them to do so in the future, without sacrifice of property. The principal roads are also able to declare dividends on stock. Taking all the railroad property of the state, however, and considering it as a whole, it cannot be said that it is yielding the profit to its owners that capital generally produces, and what would cheerfully be accorded to it, by a just and fair-minded people, if rates for its use could be fairly equalized. There is no purpose, however, to increase freights, but the owners of roads that are not paying at present, are looking hopefully to the future, when their lines of road shall be completed, and their systems perfected by extensions and new connections, and the territory traversed by them shall settle up and furnish the additional volume of business they are prepared to care for, without much additional expense, to reimburse and recompense them, in some degree, for the investments they have made in our midst.

I have to thank the managers of the several roads of the state, and all the gentlemen associated with them in the railway offices with whom I have been brought in contact, for the courtesies and assistance they have uniformly extended to me in conducting the affairs of this department, and their prompt responses to all inquiries for information.

Attest:

Respectfully submitted,

J. H. FOSTER,
Clerk.

A. J. TURNER,
Commissioner.

RETURNS
OF
WISCONSIN RAILROADS
FOR THE
YEAR ENDING SEPTEMBER 30, 1879.

FORM OF RULES FOR KEEPING RAILROAD ACCOUNTS,

As agreed upon by Railroad Commissioners and Railroad Accountants at a meeting of the R. R. Commissioners of the different States, held at Saratoga Springs, June 11, 1879.

- I. All liabilities (including interest on funded debt) shall be entered upon the books in the month when they are incurred, without reference to date of payment.
- II. Expenses shall be charged each month with such supplies, materials, etc., as have been *used* during that month, without reference to the time they were purchased or paid for.
- III. No expenditure shall be charged to property accounts, except it be for actual increase in construction, equipments or other property, unless it be made on old work in such a way as to clearly increase the value of the property over and above the cost of renewing the original structures, etc.
In such cases, only the amount of increased cost shall be charged, and the amount allowed on account of the old work shall be stated.
- IV. Mileage of passenger and freight trains shall include only the miles shown to be run by distances between stations; allowances made to passenger or freight trains for switching, and all mileage of switching engines, computed on a basis of eight miles per hour for the time of actual service, shall be stated separately.
- V. Season ticket passengers shall be computed on the basis of twelve passengers per week for time of each ticket.
- VI. Local traffic shall include all passengers carried on local tickets, and all freight carried at local tariff or special local rates.
All other traffic shall be considered through.

REPORT
OF THE
WISCONSIN VALLEY RAILROAD COMPANY

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President.....	Hon. James F. Joy.....	Detroit, Mich.
Secretary and Treasurer.	Chas. Merriam.....	Boston, Mass.
General Superintendent.	F. O. Wyatt.....	Tomah, Wis.
Assistant Superintendent	C. H. Warren	Tomah, Wis.
Assistant Treasurer	W. R. Morrison	Tomah, Wis.

1. General offices at Tomah, Wis.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
James F. Joy	Detroit.....	W. J. Rotch.....	Boston.
S. Bartlett	Boston.....	F. Bartlett	Boston.
N. Thayer	Boston.....	N. Thayer, Jr....	Boston.
J. A. Burnham, Jr..	Boston.....	Thos. B. Scott....	Gr. Rapids, Wis.
H. H. Hunnewell...	Boston.....	Alex. Stewart....	Gr. Rapids, Wis.
J. N. Denison.....	Boston.....		

2. Date of annual election of officers, second Wednesday in June.
3. Name and address of person to whom correspondence concerning this report should be directed, F. O. Wyatt, Sup't, Tomah.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPTEMBER 30, 1879.

1. Total income.....	\$203,976 54
2. Operating expenses.....	129,422 28
3. Excess of income	74,554 36
4. Taxes, included in operating expenses.	
5. Rentals (specifying amount to each company), None.	
6. Interest accrued during the year.....	\$103,867 57
Less paid.....	31,780 00
	72,087 57
7. Dividends declared. None.	

Wisconsin Valley Railroad Company.

CAPITAL STOCK.

Capital stock authorized by charter.....	\$3,000,000 00
How many kinds of stock at date of last report? One, common.	
Amount of common stock at date of last report	60,000 00
Amount of preferred stock at date of last report....	none.
Total capital stock at date of last report.....	60,000 00
How much common stock has been issued since date of last report?	122,000 00
For what purpose, and what was received therefor? \$67,000 to pay old construction accounts; \$55,000, exchanged for equal amount of Lincoln county bonds to aid in construction to Jenny.	
How much preferred stock has been issued since date of last report?	none.
Total amount of stock now outstanding	\$182,000 00
Amount of stock per mile of road (exclusive of sidings), on basis 110 miles to Jenny.....	1,654 50

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

Name of Bonds.	Interest, where and when payable.	Rate of Interest.	Amount.
First Mortgage 8 per cent ...	Boston, Mch. & Sept., '73	8 per ct.	1,795,200 00
Principal payable	Boston, March 1, 1893..		.....

* The reorganization of the Company is now in process, when bonded debt will be reduced and interest made 7 per cent.

2. Total bonded indebtedness.....	1,795,200 00
4. Amount per mile of road on basis of 90 miles to Wausau ..	20,222 22
5. No. of miles of road on which computations are made (on whole line)	90
7. Net cash realized from sale of bonds... ..	1,482,000 00
8. Amount of unfunded and floating debt	none
9. Aggregate of capital stock; funded and unfunded debt....	1,977,200 00
11. Amount of funded and unfunded debt per mile, on basis of 110 miles to Jenny.....	17,974 50

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify, particularly, in what they consist:	
Nothing out—unpaid vouchers	\$2,760 74
Total.....	\$2,760 74

Wisconsin Valley Railroad Company.

QUICK ASSETS.

1. Specify particularly:	
Cash	\$5,079 97
Total	<u>\$5,079 97</u>

ANALYSIS OF EARNINGS.

1. From passengers:	
2. through passengers (to and from other roads)	
3. express, and extra baggage	\$1,038 37
4. mails	4,081 44
5. other sources, passenger department	358 02
6. Total earnings from passenger department	49,786 18
7. local freight	
8. through freight (to and from other roads)	
9. other sources, freight department	
10. Total earnings from freight department	154,190 36
11. Total transportation earnings	\$203,976 54
12. Rents for use of road	
13. Income from all other sources (specifying same)	none
14. Total income from all sources	<u>203,976 54</u>

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks	5,720 04
2. Legal expenses	2,162 55
3. Insurance	140 00
4. Stationery and printing	91 42
5. Outside agencies and advertising	630 10
6. Contingencies and miscellaneous	928 48
7. Repairs of bridges (including culverts and cattle guards) ..	7,292 46
8. Repairs of buildings	178 60
9. Repairs of fences, road-crossings, and signs	
10. Renewal of rails	12,596 18
[No. tons laid	370.]
11. Renewal of ties	10,500 00
[No. laid	36,000.]
Rent of track	100 00
12. Repairs of road-bed and track	23,118 09
Bridge service	931 25
13. Repairs of locomotives	4,543 77
14. Fuel for locomotives	11,380 75
15. Water supply	2,945 74
16. Oil and waste	1,704 60
17. *Locomotive service	9,809 75
18. Repairs of passenger cars	1,882 95
19. Train service	6,880 02
20. Passenger train supplies	335 40
21. †Mileage passenger cars	
22. Repairs of freight cars	7,947 92
23. *Freight train service	
24. Freight train supplies	

*Salaries and wages.

†Debit balances.

Wisconsin Valley Railroad Company.

25. †Mileage freight cars.....	790 00
26. Telegraph expenses.....	41 40
27. Loss and damage, freight and baggage.....	263 76
28. Loss and damage, property and cattle.....	1,583 75
29. Personal injuries.....	121 75
30. *Agents and station service.....	8,481 00
All other expenses not above enumerated.....	3,874 79
31. Station supplies.....	427 14
<hr/>	
32. Total operating expenses, being 63 per cent. of earnings..	127,403 66
33. Taxes.....	2,018 52
	<hr/> <hr/>
	\$129,422 18

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.

MONTHS.	Passengers.	Freight.	Mails, Express, and all other sources. Passenger Depart- ment.	Total.
1878.				
October....	\$4,542 30	\$17,195 67	\$410 80	\$22,148 77
November..	3,872 91	12,856 31	401 57.	17,130 79
December..	3,115 09	7,184 42	389 16	10,688 67
1879.				
January ...	2,637 63	6,635 32	371 93	9,644 88
February ..	2,123 17	7,376 49	424 57	9,924 23
March	3,534 35	10,666 52	415 91	14,616 78
April	3,965 90	10,545 56	414 15	14,925 61
May	3,878 06	13,773 50	418 64	18,070 20
June	3,591 58	16,278 91	496 03	20,366 52
July	4,093 37	15,068 83	488 07	19,650 27
August	4,050 33	16,728 02	488 26	21,266 61
September .	4,903 66	19,880 81	758 74	25,543 21
Totals ...	\$44,308 35	\$154,190 36	\$5,477 83	\$203,876 54

* Salaries and wages.

Wisconsin Valley Railroad Company.

MONTHLY EXPENSES.

MONTHS.	Operating ex- penses and taxes.	Rentals.	Interest.
1878.			
October	\$9,417 64	None.	.....
November	10,630 11	.....	.....
December	6,461 29	.....	.....
1879.			
January	6,899 22	.....	\$31,780 00
February	6,979 08	.....	.....
March	11,273 63	.....	.....
April	14,145 72	.....	.....
May	10,744 11	.....	.....
June	10,648 99	.....	.....
July	11,910 87	.....	.....
August	13,953 33	.....	.....
September	16,358 19	.....	.....
Totals	\$129,422 18	.....	\$31,780 00

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING
THE YEAR.

1. Grading and masonry		\$10,045 61
2. Bridging		882 80
3. Superstructure, including rails .....		.....
4. Land, land damages and fences		3,474 96
5. Passenger and freight stations, wood sheds and water stations		651 77
6. Engine houses, car sheds and turn-tables .....		.....
7. Machine shops .....		.....
8. Engineering, agencies, salaries, and other expenses during construction		6,261 94
9. Purchase of other roads (specifying same):		
Capital stock, old construction debts	\$67,000	
Capital stock, exchange for an amount of Lin- coln county bonds	55,000	
		122,000 00
16. Other expenditures charged to property account (specify- ing same). None.		
16. Total expenditures charged to property account		\$148,317 08

Wisconsin Valley Railroad Company.

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878.....	\$1,739,640 84
2. Paid for construction during the year, as per construction account on page 10	143,317 08
3. Paid for equipment during the year, as per equipment account on page 10	none.
4. Total expended for construction and equipment during the year ending Sept. 30, 1879.....	<u>143,317 08</u>
5. Total cost of entire line to date, Sept. 30, 1879.....	<u><u>\$1,932,957 92</u></u>

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters	3	\$1,300 00	\$3,900 00
Clerks in general offices.....	2	600 00	1,200 00
Agents, and clerks at all stations	13	650 00	8,450 00
Master, and skilled mechanics.....	1	1,440 00	1,440 00
Helpers in shops			
Conductors	4	840 00	3,360 00
Engineers.....	5	1,080 00	5,400 00
Firemen and wipers	4	600 00	2,400 00
Brakemen	7	540 00	3,780 00
Flagmen, switchtenders, gatekeepers and watchmen.....	4	480 00	1,920 00
Section foremen	10	.....	6,000 00
Section laborers	50	360 00	18,000 00
All other employes.....	25	600 00	15,000 00
Wipers	4	600 00	2,400 00
			<u>\$73,250 00</u>

Wisconsin Valley Railroad Company.

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Construction of road ..	\$1,789,984 18	Capital stock	\$182,000 00
Equipment	306,132 27	Mortgage bonds	1,795,200 00
Profit and loss	298,268 19	Donation account	7,750 00
Cash	5,079 97	Land account	20,500 00
Foreign ticket account (Balance due)	4,087 57	Bond script	33,700 00
Supplies	12,795 74	Unpaid vouchers	2,760 74
Operating expenses	102,913 14	Earnings	154,008 31
Construction	124,193 31	Knowlton Ex. S. fund	39,805 42
Interest account	103,502 29	Unpaid coupons	564,790 00
Construct'n (Jenny Ex)	18,780 43	J. M. Smith, Land Agt	10,000 00
H.H. Hunnewell, Tr. ac	35,505 42	First Mtge. 7 per cent. bond coupon acc...	700 00
Bills receivable	10,000 00	Cash in Boston	28 04
	\$2,811,242 51		\$2,811,242 51.

CHARACTERISTICS OF ROAD.

(ROADS OWNED.)

NAME OF DIVISION OR BRANCH.	To.	From.	Wis. Miles.	Total Miles.
Main line	Wausau	Tomah	$89\frac{2}{10}$	$89\frac{2}{10}$
Division of branches	None.			
Length of single track owned			$89\frac{2}{10}$	.....
Sidings			12	.....
Total miles of track owned, including second track and sidings			$101\frac{2}{10}$	.....

Number of junction stations:

Four.

What is the gage of your lines?

Four feet eight and one-half inches.

Wisconsin Valley Railroad Company.

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1. Number miles run by passenger trains.....	55,980
2. Number miles run by freight and mixed trains....	63,700
3. Number miles run by wood, gravel and construction trains..	11,000
4. Mileage of switching trains.....	.....
5. Total mileage.....	130,680

PASSENGERS CARRIED.

6. Total number of passengers carried.....	37,693
7. Total number of passengers carried one mile (eastward)....	.....
8. Total number of passengers carried one mile (westward)....	.....
9. Total number of passengers carried one mile.....	869,970
10. Rate per passenger per mile.....	5 cents
11. Average distance traveled by each passenger.....	23 miles

TONNAGE OF FREIGHTS CARRIED.

FREIGHTS.	TONS.	POUNDS.
1. Grain	1,986	.07
2. Flour.....	866	.57
3. Provisions	585	.52
4. Salt, cement, water, lime and stucco	790	.39
5. Mfrs., incl. ag'l implem'ts, furniture and wagons.	265	.77
6. Live stock.....	165	.00
7. Lumber and forest products	95,694	735
8. Iron, lead, and mineral products.....	27	35
9. Stone, brick, lime, sand, etc.....	345	6
10. Coal	130	77
11. Merchandise and other articles.....	6,587	415
12. All other freights not above enumerated	1,154	015
13. Total freight in tons	108,599	205
14. Number of tons of freight carried one mile.....	6,218,085	715
15. Number of tons of freight carried (eastward)....	12,193	175
16. Number of tons of freight carried (westward)....	96,406	03
17. Av. rate per ton per mile on all freights carried.	2	.03
18. Average rate per ton per mile on local freight...	.....	.....

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

1875.....	4 ¹² / ₁₀₀ cents.
1876.....	2 ⁹¹ / ₁₀₀ cents.
1877.....	2 ¹⁰⁰ / ₁₀₀ cents.
1878.....	2 ⁴⁴ / ₁₀₀ cents.
1879.....	2 ⁶² / ₁₀₀ cents.

Wisconsin Valley Railroad Company.

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight.....	\$1,713 22
2. Earnings per mile of road on passengers	492 30
3. Earnings per mile of road on mails, express and all other sources.....	60 88
4. Total earnings per mile.....	<u>\$2,266 40</u>
5. Net earnings per mile	828 38
6. Earnings per train mile run, on freight.....	2 42
7. Earnings per train mile run on passengers.....	88
8. Earnings per train mile run, on mails, express and all other sources.....	09
9 Net earnings per train mile.....	57
10. Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: As 1 to 3.09.	
11. What is the rate of passenger per mile? Five cents.	
12. Number of passengers carried one mile	869,970
13. Number of miles of operated road upon which above estimates are based.....	90

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road.....	\$1,438 02
2. Average operating expenses per train mile.....	99
3. Cost of maintaining track and bridges per mile, 90 miles ...	466 02
4. Cost of repairs of engines per mile run	3 45
5. Cost of engineers and firemen per mile run	6 34
6. Cost of oil and waste per mile run.....	.0007
7. Cost of fuel per mile run.....	<u>8 01</u>

*EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings	\$208,976 54
Deduct operating expenses and taxes.....	129,422 18
Leaving net earnings.....	<u>\$74,554 36</u>
Amount of rentals paid. None.	
Amount of interest paid.....	\$31,780 00
Total of rentals and interest paid.....	<u>31,780 00</u>
Balance	<u>\$42,774 36</u>
Dividends paid, none,	

*The difference between this statement and the General Exhibit is, that the exhibit gives rentals and interests "accrued," and this gives the amounts "paid."

Wisconsin Valley Railroad Company.

EQUIPMENT.

Number of locomotives.....	5
Number of passenger cars.....	4
Number of baggage, mail, and express cars.....	2
Number of parlor or sleeping cars.....	..
Number of freight cars (basis of 8 wheels).....	343
Number of other cars.....	3

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$52 per mile of road.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
One and one-half; first-class rates; American Ex. Co.; take freights at depots; no other arrangements.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what terms, and on what condition as to rates, use of track, machinery, repairs of cars, etc.?
None.

SLEEPING CARS.

4. Do sleeping cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?
No.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
No.
7. Have you acquired any lines in or out of this state, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies?
None.

Wisconsin Valley Railroad Company.

11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquor? If so, what is it, *and is it enforced?*
Total abstinence. Yes.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other lands been granted your company since the date of your last report? If so, how many acres?
No.
2. Have any United States lands been granted to your company, directly or indirectly, since the date of your last report? What number of acres received by your company, directly, or indirectly, since date of last report?
No.
3. What number of acres sold and conveyed since date of your last report. 21,448.95
4. Average price, per acre, realized \$1 50
5. Number of acres now held by company 148,939.91
6. Average price asked for lands now held by company \$2 50
7. Amount of land sold, but not conveyed, under contracts now in force 36,483.59
8. The whole amount of cash, principal and interest, received for lands hitherto sold and conveyed, since date of last report. \$8,837 19
9. Whole amount of cash received, principal and interest, on outstanding contracts in force, since date of last report. 5,593 12
10. What amount of cash received, principal and interest, on contracts forfeited, since date of last report. None.
11. Whole amount of cash received for stumpage, trespasses, etc., since date of last report. \$3,258 07
12. What have been your total receipts from lands sold, and contracted to be sold, since the date of last report. 14,430 31
13. What is the aggregate sum of receipts on account of lands, from all sources whatever, up to the present time. 151,877 40
14. What is the amount now due to the company on lands sold. 63,030 81

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
None.
2. Amount of city, county and town aid granted to company in exchange for stock, or otherwise?
\$55,000 in county bonds voted by Lincoln county in exchange for equal amount of stock.
3. Total cash realized from donations and aid, since date of last report?
None.

Wisconsin Valley Railroad Company.

ACCIDENTS.

No. of Accidents.	STATEMENT OF EACH ACCIDENT. Give name of person, date and place of accident.	EMPLOYES.		OTHERS.	
		By their own misconduct or want of caution.		By their own misconduct or want of caution.	
		Killed.	Injured.	Killed.	Injured.
1	Frank Johnson, brakeman, switching.....	1	.....	.....	.....
1	Richard Mullen, coupling cars .....	.....	.....	1	.....
1	T. Foley, brakeman, fingers jammed.....	.....	1	.....	.....

NUMBER AND KIND OF FARM-ANIMAL KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number killed.	Amount Paid.
1. Cattle.....	29	\$540 50
2. Horses.....	5	245 00
3. Mules.....	.....	.....
4. Sheep.....	1	2 50
5. Hogs.....	2	5 00
6. Total.....	37	\$793 00

7. Amount claimed yet unsettled, or in litigation \$-----

STATE OF WISCONSIN, *County of Monroe*, ss.

C. H. Warren, Assistant Superintendent, and W. R. Morrison, Assistant Treasurer, of the Wisconsin Valley Railroad company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,

C. H. WARREN,
W. R. MORRISON.

{ SEAL. }

Subscribed and sworn to before me this 31st day of October, A. D. 1879.

J. O. WARRINER,
Justice of the Peace

{ SEAL. }

Chippewa Falls and Western Railway Company.

REPORT

OF THE

CHIPPEWA FALLS AND WESTERN RAILWAY COMPANY.

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President	Horace Thompson.....	St. Paul, Minn.
Vice President	W. P. Bartlett.....	Eau Claire, Wis.
Secretary.....	L. C. Stanley	Chippewa Falls, Wis.
General Manager	L. C. Stanley	Chippewa Falls, Wis.
Managing Director.....	Thad C. Pound	

NAMES OF DIRECTORS.

Residence.

Thad C. Pound.....	Chippewa Falls.
Horace Thompson.....	St. Paul.
L. C. Stanley.....	Chippewa Falls.
W. P. Bartlett.....	Eau Claire.
D. E. Seymour.....	Chippewa Falls.
A. K. Fletcher.....	Chippewa Falls.
H. S. Allen.....	Chippewa Falls.

EXECUTIVE COMMITTEE.

HORACE THOMPSON, W. P. BARTLETT, L. C. STANLEY.

- Date of annual election of directors.
Last Monday in November.
- Name and address of person to whom correspondence concerning this reports should be directed.
L. C. Stanley, Chippewa Falls.

GENERAL EXHIBIT FOR THE YEAR ENDING SEP. 30, 1879.

1. Total income.....	\$27,235 27
2. Operating expenses	13,557 95
3. Excess of income.....	13,677 32
4. Taxes.....	259 13
6. Interest accrued during the year	
On funded debt.....	\$9,240 00
On other debt	1,120 66
8. Balance for the year, September 30, 1879, Cr. balance.....	3,057 53

Chippewa Falls and Western Railway Company.

CAPITAL STOCK.

Capital stock authorized by charter.....	160,000 00
How many kinds of stock at date of last report?.....one	
Amount of common stock at date of last report.....	143,200 00
Total capital stock at date of last report.....	143,200 00
How much common stock has been issued since date of last report.....	none
Amount of stock per mile of road (exclusive of sidings).....	13,862 00

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest.	AMOUNT.
First Mortgage, Gold.....	Thirty Years.	1874	7	132,000 00
2. Total bonded indebtedness.....				132,000 00
4. Amount per mile of road.....				12,753 25
5. No. of miles of road on which computation sare made...				10 35
7. Net cash realized from sale of bonds.....				112,200 00
8. Amount of unfunded and floating debt.....				13,374 81
9. Aggregate of capital stock; funded and unfunded debt...				288,574 81
10. Amount of funded and unfunded debt per mile.....				14,000 00

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify, particularly, in what they consist:
 Call loan, New York..... 13,374 81

QUICK ASSETS.

1. Specify particularly:
 None.

ANALYSIS OF EARNINGS.

1. From local passengers.....	\$13,971 48
2. From through passengers (to and from other roads), all local.	
3. From express and extra baggage.....	330 40
4. From mails.....	295 20
5. From other sources, passenger department. None.	

Chippewa Falls and Western Railway Company.

6. Total earnings from passenger department, mail and express	\$14,597 08
7. From local freight, all local.....	12,638 19
8. From through freight (to and from other roads). None.	
9. From other sources, freight department. None.	
10. Total earnings from freight department.....	12,638 19
11. Total transportation earnings	27,235 27
12. Rents for use of road. None.	
13. Income from all other sources (specifying same). None.	
14. Total income from all sources	<u>\$27,235 27</u>

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks.....	\$1,200 00
2. Legal expenses.....	None.
3. Insurance.....	24 00
4. Stationery and printing.....	209 55
11. Renewal of ties	1,110 18
[No. laid.....4,260]	
12. Repairs of road-bed and track	1,920 00
13. Repairs of locomotives.....	281 18
14. Fuel for locomotives	1,142 69
15. Water supply.....	
16. Oil and waste	250 00
17. *Locomotive service.....	1,980 00
18. Repairs of passenger cars.....	197 37
19. *Passenger train service.....	1,860 00
20. Passenger train supplies.....	
21. † Mileage passenger cars.....	
22. Repairs of freight cars.....	197 38
23. *Freight train service. Run mixed trains included in 19.	
24. Freight train supplies	
25. † Mileage freight cars	
26. Telegraph expenses.....	
27. Loss and damage, freight and baggage	
28. Loss and damage, property and cattle	5 00
29. Personal injuries.....	
30. *Agents and station service	3,180 00
31. Station supplies	
32. Total operating expenses, being 49½ per cent. of earnings	<u>\$13,557 95</u>
33. Taxes.....	259 13
44. Total operating expenses and taxes, being 50½ per cent. of earnings.....	<u>\$13,817 08</u>

* Salaries and wages.

† Debit balances.

*Chippewa Falls and Western Railway Company.*MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPTEMBER 30, 1879.

MONTHS.	Passengers.	Freight.	Mail, express, and all other sources. Passenger De- partment*	Total.
1878.				
October ...	\$1,050 00	\$1,644 18	\$46 25	\$2,740 43
November ..	1,139 10	1,635 07	51 47	2,825 64
December..	1,160 30	1,791 83	47 31	2,999 44
1879.				
January ...	662 00	834 67	41 37	1,538 04
February ..	570 25	458 60	35 44	1,064 29
March	1,278 10	587 18	45 54	1,910 82
April	1,472 50	684 63	60 05	2,217 18
May	1,466 20	920 19	53 67	2,440 06
June	1,409 43	1,020 95	60 46	2,490 84
July	1,320 30	943 92	50 08	2,314 30
August	1,186 87	876 00	53 81	2,116 68
September ..	1,256 43	1,240 97	80 15	2,577 55
Totals ...	\$13,971 48	\$12,638 19	\$625 60	\$27,235 27

MONTHLY EXPENSES.

MONTHS.	Operating ex- penses and taxes.	Rentals.	Interest.	Total.
1878.				
October	\$1,269 57	None.	.....	\$1,269 57
November	1,386 22	.....	\$4,631 31	6,017 53
December	1,171 60	.....	.....	1,171 60
1879.				
January	1,071 23	.....	587 79	1,659 02
February	1,100 78	.....	16 11	1,116 89
March	979 90	.....	40	980 30
April	1,053 61	.....	19 85	1,073 46
May	1,194 25	.....	4,620 40	5,814 65
June	1,162 46	.....	.....	1,162 46
July	1,069 87	.....	477 40	1,547 27
August	1,238 68	.....	.....	1,238 68
September	1,118 91	.....	19 30	1,138 21
Totals	\$13,817 03	.....	\$10,372 56	\$24,189 64

Chippewa Falls and Western Railway Company.

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING
THE YEAR.

4. Land, land damages and fences.....	\$318 37
5. Passenger and freight stations, wood sheds and water stations.	30 04
Net addition to property account for the year.....	\$348 41

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878.....	\$182,744 98
2. Paid for construction during the year, as per construction account on page 10.....	348 41
5. Total cost of entire line to date, Sept. 30, 1879.....	\$183,093 39

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters.....			
Clerks in general office.....			
Agents and clerks at all stations.....	4	\$750 00	\$3,000 00
Master, and skilled mechanics.....			
Helpers in shops.....			
Conductors.....	1	1,000 00	1,000 00
Engineers.....	1	1,000 00	1,000 00
Firemen and wipers.....	2	480 00	960 00
Brakemen.....	1	480 00	480 00
Flagmen, switchtenders, gatekeepers, and watchmen.....			
Section foremen.....	1	480 00	480 00
Section laborers.....	5	360 00	1,440 00
All other employes.....	1	30 00	360 00

Chippewa Falls and Western Railway Company.

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Cost of road.....	183,093 39	Rec'd for stock subscribed.....	30,550 00
Inventory of supplies and material on hand	3,050 00	Rec'd for stock and bonds sold	112,883 56
		Floating debt.....	13,374 81
		Earnings to capital account	29,835 02
	186,143 39		186,143 39

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	To	From	Total miles.
Main line:.....	Eau Claire	Chippewa Falls.....	10.35
Length of single track owned			10.35
Sidings .....			.65
Total miles of track owned, including 2d track and sidings ...			11.00

DOINGS OF THE YEAR IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains	12,896
2. Number miles run by freight and mixed trains.....	6,448
3. Number miles run by wood, gravel and construction trains....	.....
4. Mileage of switching trains.	1,200
5. Total mileage	20,544

PASSENGERS CARRIED.

7. Total number of passengers carried.....	32,191
8. Total number of passengers carried one mile (eastward).....	145,250
9. Total number of passengers carried one mile (westward).....	144,680
10. Total number passengers carried one mile.....	289,930
11. Rate per passenger per mile.....	9.9
13. Average distance traveled by each passenger.....	9½

Chippewa Falls and Western Railway Company.

TONNAGE OF FREIGHTS CARRIED.

	Tons.	Lbs.
1. Grain	2,052	1,550
2. Flour	2,516	1,830
3. Provisions	414	1,520
4. Salt, cement, water lime and stucco.....	229	1,250
5. Manufacturers, including agricultural implements, furniture and wagons	139	850
6. Live stock.....	10	.....
7. Lumber and forest products.....	11	1,370
8. Iron, lead and mineral products .....	.....	.....
9. Stone, brick, lime, sand, etc	289	500
10. Coal	489	820
11. Merchandise and other articles.....	1,734	984
12. All other freights not above enumerated	1,073	1,243
13. Total freight in tons.....	8,961	1,467
15. Number of tons of freight carried one mile.....	277	791
16. Number of tons of freight carried (eastward).....	40	16
17. Number of tons of freight carried (westward).....	49	45
18. Average rate per ton per mile on all freight carried.....	.....	045
19. Average rate per ton per mile on local freight.....	.....	Same.

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile on freight.....	\$1,223 06
2. Earnings per mile of road on passengers	1,352 07
3. Earnings per mile of road on mails, express and all other sources	60 54
4. Total earnings per mile.....	\$2,635 67
5. Net earnings per mile	\$1,298 54
6. Earnings per train mile run, on freight.....	1 96
7. Earnings per train mile run, on passengers	1 07
8. Earnings per train mile run, on mails, express and all other sources	05
9. Net earnings per train mile.....	69
10. Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: As 52 to 48.	
11. What is the rate of passenger per mile.....	3.9
12. Number of passengers carried one mile	289,930
13. Number of miles of operated road upon which above estimates are based.....	10.35

Chippewa Falls and Western Railway Company.

MISCELLANEOUS OPERATING EXPENSES, STATISTICS.

1. Average operating expenses per mile of road.....	\$1,337 18
2. Average operating expenses per train mile.....	71½
3. Cost of maintaining track and bridges per mile.....	145 00
4. Cost of repairs of engines per mile	0.218
5. Cost of engineers and firemen per mile run	15.3
6. Cost of oil and waste per mile run.....	02
7. Cost of fuel per mile run.....	08
	08

*EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings.....	\$27,235 27
Deduct operating expenses and taxes.....	13,817 08
	\$13,418 19
Leaving net earnings.....	\$13,418 19
Amount of rentals paid.....	None.
Amount of interest paid.....	\$10,372 56
Total of rentals and interest.....	10,372 56
Balance	3,045 63
Leaving surplus	3,045 63
	3,045 63

EQUIPMENT.

	Owned	Total.
Number of locomotives.....	1	1
Number of passenger cars	1	1
Number of baggage, mail, and express cars.....	1	1
Number of parlor or sleeping cars .....	.	.
Number of freight cars, basis of 8 wheels.....	4	4
Number of other cars .....	.	.

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
Three hundred. Year.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American; 20c 100 lbs.; take freight at depot.

* The difference between this statement and the General Exhibit is, that the exhibit gives rentals and interests "accrued," and this gives the amount "paid."

Chippewa Falls and Western Railway Company.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
None.
4. Do sleeping or dining cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this State, directly or indirectly, since your last report?
None.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other State, since your last report?
None.
7. Have you acquired any lines in or out of this State, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
None.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
12. Have you made any reduction in such rates, from any station, since the passage of said chapter?
No.
13. Has your company any rule governing your Conductors, Engineers, Trainmen and Switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
Perfect sobriety required and no liquors allowed to be sold on the premises.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company?
No.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
Nothing.
2. Amount of city, county and town aid granted to Company in exchange for stock, or otherwise? Specify particulars since date of last report, giving particularly the town, village or city, together with the amount?
\$25,000 when road was built.
None since last report.

Chippewa Falls and Western Railway Company.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND
AMOUNT OF DAMAGES PAID THEREFOR.

	<i>Number Killed.</i>	<i>Amount Paid.</i>
5. Hogs.....	2	\$5 00

STATE OF WISCONSIN — *County of Chippewa* — ss.

W. P. Bartlett, Vice President, and L. C. Stanley, Secretary and General Manager, of the Chippewa Falls and Western Railway Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

{ SEAL }

Signed,

L. C. STANLEY,
W. P. BARTLETT.

Subscribed and sworn to, before me, a notary public, this 29th day of October, A. D. 1879.

{ SEAL }

JOHN J. JENKINS,
Notary Public,
Chippewa Co., Wis.

Mineral Point Railroad.

REPORT
OF THE
MINERAL POINT RAILROAD,

For the Year Ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	Names.	Address.
President	Luther Beecher....	Detroit, Mich.
Managing Director.....	George W. Cobb ...	Mineral Point, Wis.
Secretary and Solicitor.....	Calvert Spensley...	Mineral Point, Wis.
Auditor and General Freight and Ticket Agent.....	Albert W. Cobb....	Mineral Point, Wis.

1. General offices at.....Mineral Point, Wisconsin.

NAMES OF DIRECTORS.	Residence.
Luther Beecher.....	Detroit, Mich.
George W. Cobb.....	Mineral Point, Wis.
M. M. Cothren.....	Mineral Point, Wis.
Calvert Spensley.....	Mineral Point, Wis.
George S. Beecher.....	Detroit, Mich.

2. Date of annual election of directors, first Monday in July.
3. Name and address of person to whom correspondence concerning this report should be directed.....Geo. W. Cobb, Managing Director, Mineral Point, Wis.....

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income.....	112,386 00
2. Operating expenses and taxes.....	72,819 90
3. Excess of income.....	39,566 19
4. Taxes. Included in No. 2.....	.....
5. Rentals (specifying amount to each company).....	.....
6. Interest accrued and paid during the year.....	32,000 00
On funded debt.....	.....
On other debt.....	.....

Mineral Point Railroad.

7. Dividends declared	none	
8. *Balance for the year—September 30, 1879—surplus applied toward payment of floating dept		7,566 19
		39,566 19

CAPITAL STOCK.

Capitl stock authorized by charter. Main Line M. Pt. to Warren.....	\$1,500,000 00
¹ Proportionate amount of same for Wisconsin 31-33.....	1,409,090 90
How many kinds of stock at date of last report? Common only	
Amount of common stock at date of last report.....	1,200,000 00
Proportionate amount of same for Wisconsin 31-33.....	1,127,272 73
Amount of preferred stock at date of last report? None.	
Total capital stock at date of last report.....	1,200,000 00
How much common stock has been issued since date of last report? None.	
Total amount of stock now outstanding.....	1,200,000 00
¹ Proportionate amount of same for Wisconsin 31-33.....	1,127,272 73
Amount of stock per mile of road (exclusive of sidings.....	36,363 63
¹ Same, for Wisconsin.....	36,363 63

NOTE—Made on a basis of miles of road within the state relative to the whole number of miles owned by the company.

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHN PAY- ABLE.	Date of is- sue	Rate of interest.	Amount.
1st. Mortgage bonds... Main Line M. Pt. to Warren	Payable at Second Na- tional Bank, Detroit, Michigan, in 1890.	1868.	10 pct.	\$320,000 00
2. Total bonded indebtedness,				320,000 00
3. Proportionate amount of above for Wisconsin 31-33.....				300,606 07
4. Amount per mile of road.....				9,696 97

5. No. of miles of road on which computations are made (on whole line) 33.	
6. Same for Wisconsin 31.	
7. Net cash realized from sale of bonds. Main Line, M. Pt. to Warren.....	\$320,000 00
8. Amount of unfunded and floating debt.....	71,324 27

*State whether surplus or deficit.

Mineral Point Railroad.

9. Aggregate of capital stock; funded and unfunded debt...	\$1,591,324 27
10. Proportionate amount for Wisconsin.....	1,494,880 37
11. Amount of funded debt and stock per mile Main Line ...	46,060 60

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify particularly, in what they consist:	
Open accounts.....	\$71,324 27
Total.....	71,324 27
2. Proportionate amount for Wisconsin, 31-33.....	67,001 54

QUICK ASSETS.

1. Specify particularly:
None.

ANALYSIS OF EARNINGS.

1. From local passengers	}	
and		
2. through passengers (to and from other roads)	}	\$21,462 16
3. express and extra baggage.....		1,200 00
4. mails.....		2,418 33
5. other sources, passenger department.		
6. Total earnings from passenger department.....		25,080 49
7. local freight	}	
and		
8. through freight (to and from other roads)	}	86,874 62
9. other sources, freight department. Miscellaneous...		430 98
10. Total earnings from freight department.....		87,305 60
11. Total transportation earnings ...		112,386 09
12. Rents for use of road.		
None.		
13. Income from all other sources (specifying same).		
None.		
14. Total income from all sources.....		112,386 09
15. Proportionate amount of income for Wisconsin.....		\$107,978 79

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks	\$13,420 20
2. Legal expense.....	
3. Insurance.....	
4. Stationery and printing.....	511 53
5. Outside agencies and advertising.....	
6. Contingencies and miscellaneous	1,599 94
7. Repairs of bridges (including culverts and cattle guards).	1,350 80
8. Repairs of buildings	1,182 79
9. Repairs of fences, road-crossings, and signs.....	984 22
10. Renewal of rails.....	
11. Renewal of ties, not kept separate, answered in 12.....	
12. Repairs of road-bed and track.....	14,281 72
13. Repairs of locomotives and other rolling stock.....	10,827 55
14. Fuel for locomotives and all other purposes.....	7,298 47
15. Water supply	
16. Oil and waste	666 48
17. ¹ Locomotive service.....	6,788 10

¹ Salaries and wages.

Mineral Point Railroad.

18. Repairs of passenger cars (see answer to question 13, analysis of expenses).....	.....
19. Passenger train services.....	.....
Mixed train service.....	3,463 15
20. Passenger train supplies.....	.....
21. ² Mileage passenger cars.....	.....
22. Repairs of freight cars (see answer to question 13).....	.....
23. ¹ Freight train service.....	.....
24. Freight train supplies.....	.....
25. ² Mileage freight cars.....	.....
26. Telegraph expenses.....	.....
27. Loss and damage, freight and baggage.....	10 00
28. Loss and damage, property and cattle.....	25 00
29. Personal injuries.....	.....
30. ¹ Agents and station service, including telegraph.....	9,122 00
31. Station supplies.....	.....
32. Total operating expen's, being 63 per cent. of earnings	\$71,531 95
33. Taxes.....	1,287 95
34. Total operating expenses and taxes, being 64 per cent. of earnings.....	\$72,819 90
35. Proportionate amount for Wisconsin, made on a basis of miles of road.....	\$69,964 22

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Months.	Passengers.	Freight.	Mails, Express, and all other sources, Passenger Departm't.	Total.
1878.				
October... ..	\$2,063 92	\$10,865 56	\$291 80	\$13,221 28
November.....	1,766 25	10,902 51	291 80	12,960 56
December.....	1,747 29	8,161 18	291 80	10,200 27
1879.				
January.....	1,338 85	8,128 05	295 81	9,762 44
February.....	1,434 15	5,592 50	325 01	7,351 66
March.....	1,806 41	5,770 80	402 93	7,980 14
April.....	1,753 70	4,844 80	295 81	6,894 31
May.....	1,521 42	7,587 30	348 47	9,457 19
June.....	1,707 97	7,366 61	295 81	9,370 39
July.....	1,679 25	5,048 57	326 09	7,053 91
August.....	1,931 65	5,058 97	561 29	7,551 91
September.....	2,711 57	7,547 77	322 69	10,582 03
Totals.....	\$21,462 16	\$86,474 62	\$4,049 31	\$112,386 09
Pro. for Wis. ...	\$20,620 50	\$83,467 77	\$3,890 52	\$107,978 79

¹ Salaries and wages. ² Debit balances.

Mineral Point Railroad.

MONTHLY EXPENSES.

Months.	Operating Expenses and Taxes.	Rentals.	Interest.	Total.
1878.				
October.....	\$6,044 89	.....	.....	\$6,044 89
November.....	6,246 34	.....	.....	6,246 34
December.....	6,750 39	.....	\$16,000 00	22,750 39
1879.				
January.....	8,041 05	.....	.....	8,041 05
February.....	6,003 92	.....	.....	6,003 92
March.....	7,033 29	.....	.....	7,033 29
April.....	4,434 01	.....	.....	4,434 01
May.....	6,430 79	.....	.....	6,430 79
June.....	5,609 46	.....	\$16,000 00	21,609 46
July.....	5,634 67	.....	.....	5,634 67
August.....	5,322 81	.....	.....	5,322 81
September.....	5,268 28	.....	.....	5,268 23
Totals.....	\$72,819 90	.....	\$32,000 00	\$104,819 90
Pro. for Wisconsin.....	\$69,964 22	.....	\$30,060 39	\$100 709 31

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

No property account.

17. Total expenditures charged to property accounts.... Nothing
 18. Property sold (or reduced in valuation on the books) and credited property accounts during the year (specifying same).....Nothing
 19. Net addition to property account for the year.....Nothing

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

- Cost of line at date of last report, Sept. 30, 1878, main line 33 miles¹..... \$1,159,348 00
- Paid for construction during the year, as per construction account on page 10.....
- Paid for equipment during the year, as per equipment account on page 10.....
- Total expended for construction and equipment during the year ending Sept. 30, 1879.....
- Total cost of entire line to date, Sept 30, 1879..... \$1,159,348 00
- Proportionate amount for Wisconsin, $\frac{31}{33}$ \$1,089,084 55

¹In this amount the estimated cost of two miles in Illinois, viz., \$28,173.00, is included which was not shown in the report for 1878.

*Mineral Point Railroad.*PERSONS EMPLOYED AND SALARIES PAID.²

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters	2	1,050 00	2,100 00
Clerks in general offices	1	720 00	720 00
Agents and clerks at all stations	10	550 00	5,500 00
Master, and skilled mechanics	8	779 41	6,235 25
Helpers in shops	4	380 62	1,522 50
Conductors	2	900 00	1,800 00
Engineers	4	1,020 00	4,080 00
Firemen and wipers	6	514 58	3,087 50
Brakemen	4	450 00	1,800 00
Flagmen, switchtenders, gatekeepers and watchmen	5	420 00	2,100 00
Section foremen	6	420 00	2,520 00
Section laborers	25	310 00	7,750 00
All other employes	3	484 00	1,452 00

CHARACTERISTICS OF ROAD.

ROADS OWNED.

NAME OF DIVISION OR BRANCH.	To	From.	STATE.		Total miles.
			Wis.	Ill.	
			Miles.	Miles.	
Main line	Warren	Mineral Point	31	2	33
Length of single track owned			31	2	33
Sidings			5	.....	5
Total miles of track owned, including sidings			36	2	38
PROPRIETARY LINES.					
From Calamine to Platteville			18	.....	18
Total of lines owned, brought forward			36	2	38
Total of lines owned and proprietary and leased lines			54	2	56
Aggregate length of tracks operated by this company, computed as single track			54	2	56
Aggregate length of sidings and other track not above enumerated . . . . .			.....	.....	.....
Total			54	2	56
Number of junction stations			1	1	2

² Salaries of mechanics, shopmen and section laborers estimated at 310 working days in year, at amounts paid per day; other employes per month, full time.

Mineral Point Railroad.

What is the gauge of your lines?
Four feet, 8½ inches.

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1.	Number miles run by passenger trains. No passenger trains.	
2.	Number miles run by freight and mixed trains.....	75,060
3.	Number miles run by wood, gravel and construction trains.	1,030
4.	Mileage of switching trains .....	.....
5.	Total mileage	76,090
6.	Proportion for Wisconsin (give percentage and miles). 49 .51	73,106

PASSENGERS CARRIED.

7.	Total number of passengers carried.....	25,476
8.	Total number of passengers carried one mile (eastward). No record.	
9.	Total number of passengers carried one mile (westward). No record.	
10.	Total number passengers carried one mile.....	534,996
11.	Rate per passenger per mile on whole line. .04.	
12.	Rate per passenger per mile in Wisconsin. .04.	
13.	Average distance traveled by each passenger.....	21 miles.

TONNAGE OF FREIGHTS CARRIED.

	<i>Tons.</i>	
1.	Grain.....	17,585
2.	Flour.....	284
3.	Provisions.....	59
4.	Salt, cement, water lime and stucco.....	902
5.	Manufactures, including agricultural implements, furniture and wagons.....	232
6.	Live stock.....	15,752
7.	Lumber and forest products.....	4,740
8.	Iron, lead and mineral products.....	9,430
9.	Stone, brick, lime sand, etc.....	244
10.	Coal.....	2,073
11.	Merchandise and other articles.....	9,853
12.	All other freights not above enumerated.....	.....
13.	Total freight in tons.....	61,104
14.	Proportion for Wisconsin.....	53,797
15.	Number of tons of freight carried one mile. Estimated....	2,016,432
16.	Number of tons of freight carried (eastward). No record.	
17.	Number of tons of freight carried (westward). No record.	
18.	Average rate per ton per mile on all freights carried. About .04.	
19.	Average rate per ton per mile on local freight. No record.	

Mineral Point Railroad.

MILEAGE EARNINGS FOR THE YEAR.

	Whole Line.	Wis- consin.
1. Earnings per mile of road on freight.....	\$1,703 42	\$1,703 42
2. Earnings per mile of road on passengers....	420 82	420 82
3. Earnings per miles of road on mails, express, and all other sources.....	79 39	79 39
4. Total earnings per mile.....	\$2,203 63	\$2,203 63
5. Net earnings per mile.....	\$775 80	\$775 80
6. Earnings per train mile run, on freight.....	1 15	1 15
7. Earnings per train mile run, on passengers	28	28
8. Earnings per train mile run, on mails, express, and all other sources.....	05	05
9. Net earnings per train mile.....	52	52
10. Of the earnings of the entire line, what is the ratio of passengers to freight? Answer: On whole line, as 1 to 4; in Wis- consin, as 1 to 4.		
11. What is the rate of passenger per mile on whole line and in Wisconsin	04	04
12. Give number of passengers carried one mile, on whole line and in Wisconsin.....	534,996	534,996
13. Give number of miles of operated road upon which above estimates are based	51 miles.	49 miles.

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road	\$1,402 58
2. Average operating expenses per train mile.....	94
3. Cost of maintaining track and bridges per mile.....	306 52
4. Cost of repairs of engines and cars per mile run.....	14
5. Cost of engineers and firemen per mile run.....	089
6. Cost of oil and waste per mile.....	008
7. Cost of fuel per mile run.....	095

* EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings.....	\$112,386 09
Deducting operating expenses and taxes	72,819 90
Leaving net earnings.....	39,566 19
Amount of rentals paid	
Amount of interest paid.....	\$32,000 00
Total of rentals and interest.....	\$32,000 00
Balance	\$7,566 19
Dividends paid, viz —.....	none.
Leaving surplus floating debt reduced \$7,566.19 since Sept. 30, 1878.	

* The difference between this statement and the General Exhibit is, that the exhibit gives rentals and interests "accrued," and gives the amounts "paid."

Mineral Point Railroad.

EQUIPMENT.

	Owned	Total.
Number of locomotives	5	5
Number of passenger-cars	4	4
Number of baggage, mail, and express cars.....	2	2
Number of parlor or sleeping cars		
Number of freight cars (basis of 8 wheels)	29	29
Number of other cars	26	26

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$2,418.33 for the year ending Sept. 30, 1879, daily service each way except Sunday.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery: repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
We carry freight, etc., for the American Express Co. in our own cars. Terms \$100, per month one trip each way daily except Sunday. Express received at depots in charge of Express Co's employes.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
None.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?
None.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
None.
7. Have you acquired any lines, in or out of this state, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.

Mineral Point Railroad.

9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
We connect with Illinois Central R. R. at Warren, Ill. Close connections are made.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57 of the laws of 1876?
No.
12. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
To secure the safety of passengers and property, and promptness of discipline in the discharge of the business of the road, the use of intoxicating liquors is strictly forbidden to the officers and men in the service of this company when upon duty. Any person who shall become intoxicated will be immediately dismissed. *It is enforced.*

LANDS RECEIVED AND SOLD, etc.

1. Have any swamp or other state land been granted your company?
No.

NUMBER AND KIND OF FARM ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

1. Cattle: Number killed, one; amount paid, unsettled.
7. Amount claimed yet unsettled, or in litigation: No claim.

STATE OF WISCONSIN — *County of Iowa* — ss.

George W. Cobb, General Manager, and Calvert Spensley, Secretary, of the Mineral Point Railroad, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,
[SEAL.]

GEO. W. COBB,
Managing Director.
CALVERT SPENSLEY,
Secretary.

Subscribed and sworn to, before me, at Mineral Point, Wis., this 1st day of November, A. D. 1879.

[SEAL.]

WILLIAM T. HENRY,
Notary Public,
Iowa Co., Wis.

Chicago, Milwaukee & St. Paul Railway Company.

REPORT

OF THE

CHICAGO, MILWAUKEE AND ST. PAUL RAILWAY COMPANY.

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President.....	Alex. Mitchell.....	Milwaukee.
Vice President.....	Julius Wadsworth.....	New York.
Secretary and Treasurer.....	R. D. Jenniugs.....	Milwaukee.
General Solicitor.....	John W. Cary.....	Milwaukee.
General Manager.....	S. S. Merrill.....	Milwaukee.
Asst. General Manager.....	John C. Gault.....	Milwaukee.
Chief Engineer.....	D. J. Whittemore.....	Milwaukee.
Gen. Pass. and Freight Agt.....	A. V. H. Carpenter.....	Milwaukee.
General Freight Agent.....	Wm. G. Swan.....	Milwaukee.
Auditor.....	James P. Whaling.....	Milwaukee.

1. General offices at Milwaukee, Wis.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
Alex. Mitchell.....	Milwaukee.	S. S. Merrill.....	Milwaukee.
Julius Wadsworth.....	New York.	J. Millbank.....	New York.
S. Chamberlain.....	Cleveland.	A. R. Van Nest.....	New York.
John M. Burke.....	New York.	H. T. Dickey.....	Newport, R. I.
Peter Geddes.....	New York.	J. Stillman.....	New York.
John Plankinton.....	Milwaukee	Jason C. Easton.....	Lanesboro, Minn.
David Dows.....	New York.		

EXECUTIVE COMMITTEE.

ALEX. MITCHELL. S. CHAMBERLAIN. JULIUS WADSWORTH.
J. MILLBANK. PETER GEDDES.

Chicago, Milwaukee & St. Paul Railway Company.

2. Date of annual election of directors, June.
3. Name and address of person to whom correspondence concerning this report should be directed, James P. Whaling, Auditor, Milwaukee.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPTEMBER 30, 1879-

1. Total income (earnings, including elevators).....	\$8,910,323 82
2. Operating expenses, excepting taxes.....	4,794,961 72
3. Excess of income	\$4,115,362 10
4. Taxes.....	334,151 39
	\$3,781,210 71
Interest and exchange, premium on bonds, etc.	140,638 77
6. Interest accrued during the year	
On funded debt	\$2,440,443 19
On other debt.....	None.
7. Dividends declared.	\$3,921,849 48
On preferred stock.....	\$859,563 80
On common stock.....	None.
Back taxes U. S. Government, etc.....	26,591 24
Sinking Fund paid.....	55,000 00
8. Balance for the year, September 30, 1879, (surplus)	\$540,251 25

CAPITAL STOCK.

How many kinds of stock at date of last report?

Two, preferred and common.

Amount of common stock at date of last report.....	\$15,404,261 00
Proportionate amount of same for Wisconsin	6,238,725 70
Amount of preferred stock at date of last report....	12,279,483 00
Proportionate amount of same for Wisconsin.....	4,973,190 62

Total capital stock at date of last report..... \$27,683,744 00

Rate of preference? Preferred stock is entitled to 7 per cent. dividend, if earned, to the exclusion of common stock, but common stock is entitled to 7 per cent. before preferred stock can have more. After that, no preference.

How much common stock has been issued since date of last report? None.

How much preferred stock has been issued since date of last report? None.

Total amount of stock now outstanding \$27,683,744 00

Proportionate amount of same for Wisconsin.....	\$11,211,916 32
Amount of stock per mile of road (exclusive of sidings)...	13,385 00
Same for Wisconsin	13,385 00

Chicago, Milwaukee & St. Paul Railway Company.

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Rate of interest.	Date of issue.	AMOUNT.
		<i>Pr. ct.</i>		
Consolidated mortgage...	N. Y., July 1, 1905	7	1875	\$8,328,000 00
First Mort., La Crosse Div.	N. Y., Jan. 1, 1893	7	1863	6,600,000 00
First Mort., I. & M. Div...	N. Y., July 1, 1897	7	1867	3,810,000 00
First Mort., Pr. du C. Div.	N. Y., Feb. 1, 1898	8	1868	3,674,000 00
2d Mort., Pr. du C. Div...	N. Y., Feb. 1, 1898	7.3	1868	1,315,000 00
1st Mort., Chi. & Mil. Div.	N. Y., Jan. 1, 1903	7	1873	2,500,000 00
1st Mort., St. P. (or river) D.	London, Jan. 1, 1902	7 gold	1872	4,000,000 00
1st Mort., Iowa & Dak. Div.	N. Y., July 1, 1899	7	1869	577,000 00
1st Mort., I. & D. Div. Ex	N. Y., July 1, 1908	7	1878	2,500,000 00
1st Mort., Hastings & Dakota Division.....	N. Y., Jan. 1, 1902	7	1872	160,000 00
2d Mortgage.....	N. Y., Oct. 1, 1884	7	1864	593,000 00
Minnesota Central.....	N. Y., July 1, 1894	7	1864	185,000 00
Milwaukee & Western.....	N. Y., July 1, 1891	7	1861	131,000 00
Real Estate, Pure'se Money	N. Y., July 1, 1874	8	1864	97,500 00
Milwaukee City.....	N. Y., Mar. 1, 1874	7	1854	1,000 00
1st Mort., Southw'es'n Div.	N. Y., July 1, 1909	6	1879	4,000,000 00
1st Mort., La Crosse & Dav- enport Div....	N. Y., July 1, 1919	5	1879	1,750,000 00
Total.....				\$40,321,500 00
2. Total bonded indebtedness.....				\$40,321,500 00
3. Proportionate amount of above for Wisconsin.....				\$16,330,207 50
4. Amount per mile of road.....				19,495 00
5. No. of miles of road on which computations are made (on whole line).....		2,068.28		19,495 00
6. Same for Wisconsin.....		838.09		
7. Net cash realized from sale of bonds.....				Cannot state.
8. Amount of unfunded and floating debt, in excess of assets				None.
9. Aggregate of capital stock; funded and unfunded debt...				\$68,005,244 00
10. Proportionate amount for Wisconsin.....				27,542,123 82
11. Amount of funded debt per mile.....				19,495 00

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify, particularly, in what they consist:	
Unpaid pay rolls and vouchers.....	\$708,145 70
Bills payable.....	207,179 46
Dividends and interest unclaimed.....	30,479 12
Due other companies, etc., "current balances".....	495,769 48
Total.....	\$1,441,573 76

Chicago, Milwaukee & St. Paul Railway Company.

2. Proportionate amount for Wisconsin..... \$583,837 37

QUICK ASSETS.

1. Specify particularly:
 Stock of material on hand \$410,828 66
 Cash on hand..... 783,704 60
 Bills receivable..... 16,297 72
 Due from agents, others companies, etc., "current bal-
 ances"..... 600,495 14
 Total \$1,811,326 12

2. Proportionate amount for Wisconsin..... \$733,587 08

ANALYSIS OF EARNINGS.

1. From local passengers
 and
 2. through passengers (to and from other roads) } \$2,141,269 15
 3. express and extra baggage. }
 express..... \$172,501 77
 extra baggage..... 14,905 44 187,407 21
 4. mails 177,842 70
 5. other sources, passenger department.
 news service..... 6,817 02
 sleeping cars..... 56,005 95 62,822 97
 6. Total earnings from passenger department..... \$2,569,342 03

local freight
 and
 8. through freight (to and from other roads) } \$5,943,874 84
 9. other sources, freight department.
 10. Total earnings from freight department..... \$5,943,874 84

11. Total transportation earnings ... \$8,513,216 87
 12. Rents for use of road.
 13. Income from all other sources (specifying same).
 rents \$9,944 23
 telegraph earnings..... 1,267 43
 stock yard earnings. 55,843 49 67,055 15
 14. Total income from all sources..... \$8,580,272 02

15. Proportionate amount of income for Wisconsin..... \$5,008,848 49

Chicago, Milwaukee & St. Paul Railway Company.

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks.....	\$149,489 92
2. Legal expenses.....	37,156 10
3. Insurance.....	15,408 94
4. Stationery and printing (train and station supplies).....	145,492 12
5. Outside agencies and advertising.....	70,253 59
6. Contingencies and miscellaneous.....	99,696 89
7. Repairs of bridges (including culverts and cattle guards)..	138,175 47
8. Repairs of buildings.....	82,676 21
9. Repairs of fences, road-crossings, and signs.....	33,732 40
10. Renewal of rails, (\$345,106 75 — included in "repairs of track"	
[Steel. No. tons laid..... 8,509.]	
[Re-rolled iron. No. tons laid.... 2,761.]	
[New iron. No. tons laid..... 75.]	
11. Renewal of ties, say \$153,477 13, included in "repairs of track"	
[No. laid, say..... 448,533.]	
12. Repairs of road-bed and track... ..	1,000,746 69
13. Repairs of locomotives.....	271,554 09
14. Fuel for locomotives.....	579,875 43
15. Water supply (included in "train and station supplies")..	
.....	52,681 08
16. Oil and waste... ..	474,167 78
17. *Locomotive service.....	453,961 84
18. Repairs of cars.....	
19. Passenger and other train service (conductors, baggage and brakemen)	342,832 34
20. Passenger train supplies (included in "train and station supplies.")	
21. †Mileage passenger cars.....	
22. Repairs of freight cars, (included in "repairs of cars." Ques. 18)	
23. *Freight train service, (included in "conductors, baggage and brakemen.") Ques. 19	
24. Freight train supplies, (included in "train and station supplies.")	
25. †Mileage freight cars.....	8,280 19
26. Telegraph expenses, (included in other accounts).....	
27. Loss and damage, freight and baggage.....	4,790 53
28. Loss and damage, property and cattle.....	8,303 68
29. Personal injuries.....	17,144 43
30. *Agents and station service.....	742,711 85
31. Station supplies, (included in answer to Ques. 4, Page 7..	
32. Total operating expenses, being 55 per cent. of earnings..	4,729,131 57
33. Taxes.....	334,151 39
34. Total operating expenses and taxes being 59 per cent. of earnings.....	\$5,063,282 96
35. Proportionate amount for Wisconsin, made on a basis of miles of road.....	2,731,834 65

*Salaries and wages.

†Debit balances.

Chicago, Milwaukee & St. Paul Railway Company.

**MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.**

MONTHS.	Passengers.	Freight.	Mails, Express and all other sources.	Total.
1878.				
October.....	\$195,210 86	\$566,167 16	\$42,168 47	\$803,546 49
November.....	157,119 60	584,153 03	48,679 61	789,952 24
December.....	126,824 84	532,944 02	46,452 88	706,221 74
1879.				
January.....	110,328 55	427,044 23	46,340 07	583,712 85
February.....	104,783 11	326,448 61	36,753 11	467,984 83
March.....	164,212 88	413,778 30	34,366 93	612,358 11
April.....	181,079 03	422,736 59	34,871 84	638,687 46
May.....	176,405 80	579,352 23	37,755 16	793,513 19
June.....	178,817 45	541,936 33	35,263 13	756,016 91
July.....	231,747 51	468,791 28	41,602 81	742,141 60
August.....	231,167 34	415,949 38	44,915 51	692,032 23
September.....	283,572 18	664,573 68	45,958 51	994,104 37
Totals.....	\$2,141,269 15	\$5,943,874 84	\$495,128 03	\$8,580,272 02
Pro. for Wis....	\$1,072,642 37	\$3,634,447 92	\$301,758 20	\$5,008,848 49

Earnings and expenses of elevators are not included in these statements.

MONTHLY EXPENSES.

MONTHS.	Operating ex- penses and taxes.	Rentals.	Interest, divi- dends, etc.	Total.
1878.				
October.....	\$420,664 34	.....	\$268,923 87	\$689,588 21
November.....	419,298 44	.....	268,923 86	688,222 30
December.....	364,334 22	.....	268,923 87	633,258 09
1879.				
January.....	395,991 58	.....	268,923 86	664,915 44
February.....	353,786 08	.....	268,923 87	627,709 95
March.....	390,870 70	.....	268,923 87	659,794 57
April.....	438,953 66	.....	268,923 86	707,877 52
May.....	444,065 63	.....	268,923 87	712,989 50
June.....	403,824 97	.....	268,923 86	677,748 83
July.....	474,628 38	.....	268,923 87	743,552 25
August.....	455,648 92	.....	268,923 87	724,572 79
September.....	491,216 04	.....	268,923 87	760,139 91
Totals.....	\$5,063,282 96	.....	\$3,227,086 40	\$8,290,369 36
Pro. for Wis....	\$2,731,834 65	.....	\$1,884,618 46	\$4,616,453 11

Chicago, Milwaukee & St. Paul Railway Company.

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry	\$11,468 42
2. Bridging	44,253 93
3. Superstructure, including rails	97,232 89
4. Land, land damages and fences	60,512 47
5. Passenger and freight stations, wood and coal sheds and water stations	55,150 83
6. Engine houses, car sheds and turn-tables	} 162,570 98
7. Machine shops	
New side tracks, etc.	140,841 71
8. Engineering, agencies, salaries, and other expenses during construction	
9. Purchase of other roads (specifying same):	
Construction of Algona Extension	1,417,957 26
Construction of Milwaukee Cement Railway	10,448 29
Construction of Viroqua Railway	280,751 17
Construction of Minneapolis & St. Paul Railway	152,994 34
{ Purchase of bonds Dubuque South Western R. R.	182,554 50
{ Permanent improvements do do	15,538 81
{ Purchase of Madison & Portage R. R. Bonds	381,271 13
{ Permanent improvements, Madison & Portage R. R.	63,013 20
Purchase and construction, Davenport & No. West. R'y	1,828,022 62
Purchase Western Union R. R.	5,315,104 81
10. Total for construction	<u>\$10,219,687 36</u>
11. Locomotives [Number, 9]	\$62,260 00
12. Parlor and sleeping cars [Number, 4]	31,280 00
13. Passenger, express, mail, and baggage cars [Number, 13]	36,306 25
Steam shovel, etc. [Number, 1]	6,719 11
14. Freight and other cars [Number, 590]	231,703 79
15. Total for equipment	<u>\$368,269 15</u>
16. Other expenditures charged to property account (specifying same). None.	
17. Total expenditures charged to property account.	<u>\$10,587,956 51</u>
18. Property sold (or reduced in valuation on the books) and credited property accounts during the year (specifying same)	
Sale of real estate, Milwaukee	1,200 00
Sinking fund bonds, redeemed	55,000 00
19. Net addition to property account for the year	<u>\$10,531,756 51</u>
20. Proportionate amount for Wisconsin, made on a basis of miles of road	<u>\$4,265,361 39</u>

Chicago, Milwaukee & St. Paul Railway Company.

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878.....	\$58,151,596 03
2. Paid for construction during the year, as per construction account on page 10..	\$10,219,687 36
3. Paid for equipment during the year, as per equipment account on page 10 ...	368,269 15
	<u>\$10,587,956 51</u>
Less property sold and sinking fund....	56,200 00
4. Total expended for construction and equipment during the year ending Sept. 30, 1879.....	\$10,531,756 51
5. Total cost of entire line to date, Sept. 30, 1879.....	\$68,683,332 54
6. Proportionate amount for Wisconsin on basis of miles of road.....	\$27,816,749 68
The actual cost of road in the state of Wisconsin, at this date, as nearly as can be arrived at from the books of company, is.....	<u><u>\$32,069,898 81</u></u>

PERSONS EMPLOYED AND SALARIES PAID.

(As per pay rolls for month of June, 1879.)

	No. of persons employed.	Average salary per annum.	Total salaries. Month of June.
1. Division, assistant superintendents and roadmasters	25	\$1,444 80	\$3,009 98
Clerks in all offices	236	758 88	14,923 81
Agents, and telegraph operators	428	612 36	21,842 76
Master mechanics	3	1,819 92	455 00
Machinists and shopmen.....	1,119	593 16	55,308 88
Conductors	197	877 92	14,412 30
Engineers	286	1,021 08	24,335 55
Firemen and wipers	510	478 68	20,343 83
Brakemen	428	539 16	19,231 64
Flagmen, switchtenders, gatekeepers and watchmen.....	178	501 72	7,441 96
Section foremen	301	485 40	12,176 21
Section laborers	2,776	333 84	77,222 80
All other employes.....	823	698 64	47,918 08
Total.....	7,310	\$523 08	\$318,622 75

Chicago, Milwaukee & St. Paul Railway Company.

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

(All lines owned by company in Illinois, Wisconsin, Iowa, Minnesota and Dakota.)

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Cost of road	\$68,683,332 54	Capital stock, preferred	\$12,279,483 00
Bonds, stock, etc., of other roads.....	1,734,534 66	Capital [stock, common.....	15,404,261 00
Stock of material on hand.....	410,828 66	Bonds outstanding...	40,321,500 00
Cash on hand.....	783,704 60	Incumbranc's assum'd	6,785 00
Bills receivable.....	16,297 72	Unpaid pay rolls and Vouchers	708,145 70
Due from agents, other companies, etc., current balances, etc	600,495 14	Bills payable	421,361 07
		Dividends and interest unclaimed.....	30,479 12
		Acerued interest on funded debt to Sept. 30, '79, not yet payable.....	154,511 88
		Due other compan's, etc., current balances.....	495,769 48
		Income account.....	2,406,897 12
	\$72,229,193 32		\$72,229,193 32

Chicago, Milwaukee & St. Paul Railway Company.

Springville	Paralta			2.30			2.30
Marion	Cedar Rapids			5.40			5.40
Madison	Portage	39.00					39.00
Viroqua Junct.	Viroqua	32.00					32.00
Racine	Port Byron Junct. ..	68.70	123.30				192.00
Eagle	Elkhorn	16.50					16.50
Watertown	Hampt'n Coal Mines ..		4.25				4.25
Davenport	Fayette			128.40			128.40
Eldridge	Maquoketa			32.30			32.30
Milwaukee	Cement Mill	1.20					1.20
Length of single track owned		838.09	172.55	667.39	352.13	38.12	2,068.28
* Second track							
Total miles of single and second track owned		838.09	172.55	667.39	352.13	38.12	2,068.28
Sidings	Unknown.						
Total miles of track owned, including second track		838.09	172.55	667.39	352.13	38.12	2,068.28

* Meaning a double line of track, independent of sidings.

Chicago, Milwaukee & St. Paul Railway Company.

CHARACTERISTICS OF ROAD — continued.

(PROPRIETARY AND LEASED LINES.)

Name of Division or Branch.	From.	To.	STATE.					Total Miles.
			Wisconsin	Illinois.	Iowa.	Minnesota	Dakota.	
			Miles.	Miles.	Miles.	Miles.	Miles.	
Proprietary lines:	Glencoe	Appleton				106.16		106.16
	Wabasha	Zumbrota				59.00		59.00
	Oshkosh	Ripon	20.00					20.00
Total of proprietary lines			20.00			165.16		185.16
Leased lines	See above.							
Total of leased lines								
Total of lines owned, brought forward			838.09	172.55	667.39	352.13	38.12	2,068.28
Total of lines owned and proprietary and leased lines			858.09	172.55	667.39	517.29	38.12	2,253.44
Aggregate length of tracks operated by this company, computed as single track			858.09	172.55	667.39	517.29	38.12	2,253.44
Aggregate length of sidings and other track not above enumerated	Unknown							
Total			858.09	172.55	667.39	517.29	38.12	2,253.44
Number of junction stations			27	8	22	12		69
What is the gauge of your lines?	4 feet 8½ inches.							

Chicago, Milwaukee & St. Paul Railway Company.

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1. Number miles run by passenger trains.....	1,759,423
2. Number miles run by freight and mixed trains.....	3,388,608
3. Number miles run by wood, gravel and construction trains..	597,418
4. Mileage of switching trains.....	1,200,430
5. Total mileage.....	<u>6,945,879</u>
6. Proportion for Wisconsin — per centage, 51.....	<u>3,543,434</u>

PASSENGERS CARRIED.

7. Total number of passengers carried.....	1,458,392
8. Total number of passengers carried one mile (eastward)....	34,634,167
9. Total number of passengers carried one mile (westward)....	39,003,057
10. Total number of passengers carried one mile.....	<u>73,637,224</u>
11. Rate per passenger per mile on whole line.....	2 ⁹² / ₁₀₀ cents.
12. Rate per passenger per mile in Wisconsin.....	2 ⁸⁸ / ₁₀₀ cents.
13. Average distance traveled by each passenger (exclusive of 1,000 and 500 mile tickets.....)	48 miles.

TONNAGE OF FREIGHTS CARRIED.

FREIGHTS.	Tons.	Lbs.
1. Grain	601,708	430
2. Flour.....	203,899	1,780
3. Provisions	40,179	650
4. Salt, cement, water-lime and stucco	34,864	1,360
5. Mfrs., incl. ag'l implem'ts, furniture and wagons...	34,083	1,810
6. Live stock.....	143,138	280
7. Lumber and forest products.....	340,170	480
8. Iron, lead, and mineral products.....	98,378	1,378
9. Stone, brick, lime, sand, etc.....	105,059	670
10. Coal.....	114,553	1,810
11. Merchandise and other articles.....	240,042	930
12. All other freights not above enumerated	299,041	1,149
13. Total freight in tons	<u>2,255,120</u>	<u>727</u>
14. Proportion for Wisconsin (Tons fr't for'd in Wis)..	1,179,471	1,509
15. Number of tons of freight carried one mile.....	357,865,597	
16. Number of tons of freight carried 1 mile (eastward).....	245,253,263	
17. Number of tons of freight carried 1 mile (westward).....	112,612,334	
18. Av. rate per ton per mile on all freights carried ..	}	1 ⁶⁶ / ₁₀₀ c.
19. Average rate per ton per mile on local freight....		

Chicago, Milwaukee & St. Paul Railway Company.

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

Year.	Cents.	Year.	Cents.	Year.	Cents.
1865.....	4.11	1870.....	2.82	1875.....	2.10
1866.....	3.76	1871.....	2.54	1876.....	2.04
1867.....	3.94	1872.....	2.43	1877.....	2.08
1868.....	3.49	1873.....	2.50	1878.....	1.80
1869.....	3.10	1874.....	2.38	1879 to Sept. 30...	1.66

MILEAGE EARNINGS FOR THE YEAR.

	Whole Line.	Wisconsin.
1. Earnings per mile of road on freight.....	\$3,202 52	\$4,707 83
2. Earnings per mile of road on passengers.....	1,153 70	1,889 48
3. Earnings per mile of road on mails, express and all other sources.....	266 77	390 88
4. Total earnings per mile.....	\$4,622 99	\$6,488 14
5. Net earnings per mile ...	\$1,894 93	\$2,949 49
6. Earnings per train mile run, on freight	1 75	2 09
7. Earnings per train mile run, on passengers....	1 22	1 25
8. Earnings per train mile run, on mails, express and all other sources.....	10	12
9 Net earnings per train mile.....	68	88
10. Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: On the whole line, as 1 to 2.8; in Wisconsin, as 1 to 3.4.		
11. What is the rate of passenger per mile on the whole line and in Wisconsin?.....	2.92-100 c.	2.88-100 c.
12. Give number of passengers carried one mile, on whole line and in Wisconsin	73,637,224	37,284,219
13. Give number of miles of operated road upon which above estimates are based.....	11,856	1 772

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

	Wisconsin	Whole line
1. Average operating expenses per mile of road	\$3,538 65	\$2,728 06
2. Average operating expenses per train mile	77	73
3. Cost of maintaining track and bridges per mile.....		16
4. Cost of repairs of engines per mile run		04
5. Cost of engineers and firemen per mile run		07
6. Cost of oil and waste per mile run ..		.8
7. Cost of fuel per mile run		08

¹ Average number of miles in operation for the entire year.

Chicago, Milwaukee & St. Paul Railway Company.

EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings	\$8,910,323 82
Deduct operating expenses and taxes.....	5,129,113 11
Leaving net earnings.....	\$3,781,210 71
Interest and exchange premiums on bonds, etc.....	140,638 77
	<u>\$3,921,849 48</u>
Amount of rentals paid.....	
Amount of interest paid (on funded debt).....	\$2,285,931 36
Back taxes U. S. government, etc	26,591 24
Total of rentals and interest paid.....	<u>2,312,522 60</u>
Balance	\$1,609,326 88
Dividends paid, viz.:	
On preferred stock, 3½ per cent. for year 1878,	\$429,781 90
On preferred stock, 3½ per cent., for year 1878,	429,781 90
Total of dividends	<u>\$859,563 80</u>
Sinking fund paid	55,000 00
	<u>914,563 80</u>
Leaving surplus.....	<u>\$694,763 08</u>

EQUIPMENT.

	Leased.	Owued.	Total.
Number of locomotives	4	232	236
Number of passenger cars.....	1	129	130
Number of baggage, mail, and express cars.....	2	89	91
Number of parlor or sleeping cars.....		15	15
Number of freight cars (basis of 8 wheels)	100	6,491	6,591
Number of other cars		161	161

Chicago, Milwaukee & St. Paul Railway Company.

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?

From.	To.	Rate per mile per annum.
Chicago	Milwaukee	\$338 14
Milwaukee	La Crosse	288 55
Watertown	Madison	42 75
Minneapolis	La Crosse } 140 miles	199 42
	} 6 miles	164 54
Milwaukee	North McGregor	129 11
Milton Junction	Monroe	47 88
McGregor	Austin	93 20
Austin	Mendota Junction	74 56
Conover	Decorah	52 16
Calmar	Pattersonville, } 211 miles...	56 78
	} 14 miles...	70 97
Austin	Mason City	65 84
Milwaukee	Berlin, } 16 miles	76 10
	} 82 miles	86 10
Horicon	Portage	53 87
Nepeuskun	Winneconne	42 75
Hastings	Montevideo	45 15
Madison	Portage	52 16
Oshkosh	Ripon	47 88
Savanna	Marion	52 16
New Lisbon	Necedah	42 75
Farley	Cedar Rapids	54 72
Racine	Rock Island	83 79
Eagle	Elkhorn	42 75
Wabasha	Zumbrota	42 75
Davenport	Fayette	44 46
Davenport	Maquoketa	42 75

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company:

Chicago and Milwaukee division, La Crosse division, River division, Northern division, and Racine and Southwestern division, \$300 per day for limited tonnage; excess, 1½ times first-class rates.

Between Racine and Port Byron Junction, between Eagle and Elkhorn, and between Watertown and Hampton Mines, \$1,000 per month for limited tonnage; excess, two times first-class rates.

Between Sabula and Marion, \$75 per month.

Between Farley and Cedar Rapids, 1½ times first-class rates on freight carried; also, \$1.50 per day, messenger's fare.

Wabasha division, 1½ times first-class rates on freight carried.

Chicago, Milwaukee & St. Paul Railway Company.

Between New Lisbon and Necedah, 15 cents per 100 lbs.

Between Sparta and Viroqua, 30 cents per 100 lbs., Viroqua; other stations, 20 cents per 100 lbs.

United States Express Company:

Prairie du Chien division, Iowa and Minnesota division, Iowa and Dakota division, Hastings and Dakota division, \$220 per day for limited tonnage; excess, $1\frac{1}{2}$ times first-class rates.

Between Davenport and Fayette, and Eldredge and Maquoketa, $1\frac{1}{2}$ times first class rates on freight carried; also, \$110 per month messenger's fare.

Doing a general express business. Freights taken at depots.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what terms, and on what conditions as to rates, use of track, machinery, repairs of cars, etc.? Do they use the cars of your company, or those furnished by themselves, and are their cars or their freight given any preference in speed or order of transportation, and if so, in what particular?

The freight cars of all connecting roads, or fast freight lines, occasionally pass over our road, when containing through freight, but no special preference is given to freight therein, either in way of speed of transit or rates charged for transportation. The cars of this company also pass over the tracks of connecting roads, when the interests of traffic so require.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?

We have no dining cars, and use sleepers owned by this company. Additional charges for accommodations in sleepers are: Between Chicago and Milwaukee and La Crosse and Prairie du Chien, \$1.50; between Chicago and Milwaukee and St. Paul and Minneapolis, \$2.

5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?

No.

6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?

7. Have you acquired any lines in or out of this state, by purchase, lease, consolidation or otherwise, since your last report? If yes, give full particulars relating thereto, including length of line, location thereof, at what point or place connection is made with old line; terms of purchase or lease, and brief statement of reasons for making such purchase or lease, and whether made by consent of stockholders?

We have acquired by purchase and lease the Western Union Railroad and branches, by purchase, the Davenport & North Western Railway, and by lease, the Hastings & Dakota Extension Railway.

The Western Union Railroad, extends from Racine to Port Byron Junction, with branch from Elkhorn to Eagle, and from Watertown to Hampton Coal Mines, 213 miles. Connections, at Western Union Junction and Eagle. Earnings and expenses of Western Union Railroad, from July 1st, 1879, are included in this report.

The Davenport & North Western Railway extends from Davenport to Fayette, Iowa, and from Eldredge to Maquoketa, Iowa, 161 miles.

Chicago, Milwaukee & St. Paul Railway Company.

Connections at Delmar Junction and Oxford Junction. Earnings and expenses of the Davenport & North Western Railway, from August 1st, 1879, are included in this report.

The Hastings & Dakota Extension Railway, extends from Glencoe to Appleton, Minnesota, 106 miles. Connection at Glencoe, Minn., 65 per cent. of the gross earnings of this line is included in this report.

The lines were acquired for the reason that it was for the interest of this company so to do, and by the consent of the stockholders.

8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
12. Have you made any reduction in such rates, from any stations, since the passage of said chapter?
Yes.

If you answer either of the questions 11 and 12, in the affirmative, annex to your reply schedules, naming the stations, with distance and rates in force at the time, and since the passage of said chapter, on 1st, 2d, 3d, and 4th class of freight, and upon flour, grain, live stock, agricultural implements, salt and coal.

Some reduction has been made in rates on live stock, grain, etc., as will appear by schedules of rates sent you this date by General Freight Agent.

13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquor? If so, what is it, and is it enforced?
It is a rule of this company; not to employ or retain in service, men who make an immoderate use of intoxicating liquors, and this rule is enforced.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company since the date of your last report: if so, how many acres?
No. The company has been granted no land in the State of Wisconsin.
2. Have any United States lands been granted to your company, directly or indirectly, since the date of your last report? What number of acres received by your company, directly or indirectly, since date of last report? No.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
None.
2. Amount of city, county and town aid granted to Company in exchange for stock, or otherwise? Specify particulars since date of last report, giving particularly the town, village or city, together with the amount?
None.

ACCIDENTS.

No. of Accidents.	STATEMENT OF EACH ACCIDENT.			PASSENGERS			EMPLOYES.				OTHERS.				Damages claimed.	Damages paid.
	Give name of person, date, and place of accident.			From causes beyond their control.		By their own misconduct or want of caution.	From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.			
	NAME.	DATE.	PLACE.	K	I.		Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.		
1	O. J. McCarthy.....	Oct. 8, 1878	Minneapolis.....											1		
2	Chris. Johnson.....	Oct. 29, 1878	Milwaukee.....						1							
3	Chas. Kupfer.....	Oct. 2, 1878	Benton.....				1									\$100 and exp.
4	Jno. Schrug.....	Oct. 2, 1878	Benton.....				1									Time and exp.
5	Geo. Metcalf.....	Oct. 19, 1878	Marshall.....											1		
6	Geo. Frank.....	Oct. 29, 1878	Milwaukee.....											1		
7	Pat. Devitt.....	Nov. 11, 1878	Milwaukee.....						1							\$117 and exp.
8	Wm. Van Hooser.....	Nov. 7, 1878	Calmar.....					1								Expenses.
9	Dan'l Eblinn.....	Oct. 12, 1878	Ridgeway.....										1			
10	Wm. Kliebsaddle.....	Nov. 6, 1878	Boscobel.....							1						Time and exp.
11	J. G. Patterson.....	Oct. 29, 1878	16 miles west of Spencer, Iowa..			1										Expenses.
12	Jas. Hart.....	Nov. 26, 1878	Minneapolis.....											1		
13	Chas. Gillett.....	Nov. 28, 1878	Milwaukee.....						1							\$90 and exp.
14	Wm. Dockery.....	Dec. 9, 1878	Spencer.....						1							Time and exp
15	E. Witte.....	Dec. 9, 1878	Milwaukee.....											1		Expenses.
16	Jos. Gross.....	Dec. 20, 1878	Milwaukee.....											1		
17	August Berg.....	Dec. 22, 1878	Milwaukee.....					1								Time and exp
18	Peter Braasch.....	Dec. 19, 1878	Milwaukee.....										1			\$1,250.
19	L. Edwards.....	Jan. 4, 1879	Janesville.....											1		
20	W. Leister.....	Jan. 3, 1879	Granite Falls.....					1								Expenses.
21	W. A. Callahan.....	Jan. 6, 1879	Schwartzburg.....					1								Expenses.

Chicago, Milwaukee & St. Paul Railway Company.

Chicago, Milwaukee & St. Paul Railway Company.

ACCIDENTS.

No. of Accidents.	STATEMENT OF EACH ACCIDENT.													Damages claimed.	Damages paid.	
	Give name of person, date and place of accident.											From causes beyond their control.	From causes beyond their control.			From causes beyond their control.
	NAME.	DATE.	PLACE.	PASSENGERS.			EMPLOYEES.				OTHERS.					
			From causes beyond their control.	By their own misconduct or want of caution.	By their own misconduct or want of caution.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.			
22	Frank Kling	Dec. 30, 1878	Chicago						1							\$362.50 & exp
23	A. J. McCauley	Jan. 16, 1879	Milwaukee								1					\$90 and exp.
24	J. C. Dunlap	Feb. 1, 1879	St. Paul						1							Expenses.
25	E. J. Affalter	Jan. 27, 1879	Milwaukee								1					\$90 and exp.
26	Peter White	Feb. 19, 1879	Mazomanie										1			Expenses.
27	H. Colegrove	Jan. 24, 1879	Benton						1							Expenses.
28	C. F. Miller	Feb. 25, 1879	Farmington											1		\$800 and exp.
29	Michael Collins	Feb. 25, 1869	Milwaukee								1					\$135 and exp.
30	Matt Hayes	Feb. 26, 1879	Milwaukee								1					
31	Anna Townley	Mch. 10, 1879	Madison											1		
32	Pat Moran	Mch. 10, 1879	Reeseville											1		
33	A. Markt	Apr. 4, 1879	Rubicon											1		
34	A. Graves	Apr. 5, 1879	Medford											1		
35	H. Ambitsaner	Apr. 15, 1879	Richwood											1		
36	Jno. Alder	Apr. 22, 1879	Chicago										1			\$100.
37	Rev. DeBeke	Apr. 25, 1879	Sun Prairie										1			
38	C. R. Blower	Apr. 26, 1879	Cross Plains											1		Expenses.
39	Jno. Smith	Apr. 16, 1879	Milwaukee						1							Time and exp
40	Mrs. Henrich	May 21, 1879	Richfield											1		
41	W. F. Braddock	May 16, 1879	Winona											1		
42	Jno. Harlan	May 17, 1879	St. Paul											1		
43	E. Flaherty	May 28, 1879	Pattersonville											1		Expenses.

ACCIDENTS.

No. of Accidents.	STATEMENT OF EACH ACCIDENT. Give name of person, date, and place of each accident.			PASSENG'RS			EMPLOYES.				OTHERS.				Damages claimed.	Damages paid.	
				From causes beyond their control.		By their own misconduct or want of caution.	From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.				
	Name.	Date.	Place.	K	I.		K	I.	Kill	Inj.	Kill	Inj.	Kill	Inj.			Kill	Inj.
80	John Lee.....	Sept. 24, 1879	Chicago.....														
81	J. Neskeam.....	Sept. 19, 1879	Milwaukee.....								1						
82	P. Dollock.....	Aug. 25, 1879	St. Paul.....								1						
83	L. Hawkins.....	Sept. 27, 1879	Minneapolis.....								1						
84	Geo. L. Woods.....	June 21, 1879	La Crescent.....								1						
85	C. Erickson.....	Sept. 24, 1879	Algona.....												1		
86	A. Bargerson.....	Sept. 24, 1879	Algona.....												1		
	Totals on wholeline.....							1	5	6	26			25	23		
	Totals for Wisconsin.....								1	1	16			14	15		

Expenses.

Chicago, Milwaukee & St. Paul Railway Company.

Chicago, Milwaukee & St. Paul Railway Company.

1. Of the above accidents, those numbered as follows were caused by broken rails: Total No.
2. Of the above accidents those numbered as follows were caused by INATTENTION OF EMPLOYEES: Total No. Unknown.
3. Of the above accidents those numbered as follows were caused by COLLISIONS, not properly coming under 2: Total No.
4. Of the above accidents those numbered as follows were caused by explosions: Total No.
5. Amount paid as damages caused by fire from locomotives (in Wisconsin) \$15 00

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

IN WISCONSIN.

Description.	Number killed.	Amount Paid.
1. Cattle.....	18	\$275 32
2. Horses.	4	190 00
3. Mules.....	.....	.....
4. Sheep.....	19	43 00
5. Hogs.....	4	25 00
6. Total.....	45	\$523 32

7. Amount claimed yet unsettled, or in litigation \$-----

STATE OF WISCONSIN, *County of Milwaukee*, ss.

S.S. Merrill, General Manager and R. D. Jennings, Secretary and Treasurer of the Chicago, Milwaukee and St. Paul Railway company, being duly sworn depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

{ SEAL. }

Signed,

S. S. MERRILL,
General Manager.
R. D. JENNINGS,
Secretary and Treas.

Subscribed and sworn to before me this 14th day of November, A. D. 1879.

{ SEAL. }

WILLIAM S. MILLIGAN,
Notary Public, Milwaukee Co., Wis.

Western Union Railroad Company.

REPORT
OF THE
WESTERN UNION RAILROAD COMPANY,

For the Nine Months Ending June 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	Names.	Address.
President	Alex. Mitchell	Milwaukee, Wis.
Vice-President	S. S. Merrill	Milwaukee, Wis.
Secretary and Treasurer ...	F. G. Ranney	Milwaukee, Wis.
Solicitor	H. T. Fuller	Racine, Wis.
General Superintendent	D. A. Olin	Racine, Wis.
Gen'l Freight and Ticket Ag't	Fred Wild	Racine, Wis.
Auditor	P. Tyrrell	Racine, Wis.

1. General offices at Racine, Wisconsin.

NAMES OF DI- RECTORS.]	Residence.	NAMES OF DI- RECTORS.	Residence.
Alex. Mitchell....	Milwaukee, Wis.	W. S. Gurnee....	New York, N. Y.
S. S. Merrill.....	Milwaukee, Wis.	H. T. Fuller.....	Racine, Wis.
John W Cary	Milwaukee, Wis.	D. W. Dame.....	Lanark, Ill.
Hans Crocker	Milwaukee, Wis.	E. P. Barton.....	Freeport, Ill.
Jno. L. Mitchell...	Milwaukee, Wis.	Jno. C. Gault....	Milwaukee, Wis.
Jno. Johnston	Milwaukee, Wis.	Dan'l Wells, Jr...	Milwaukee, Wis.
Jno. Plankington.	Milwaukee, Wis.		

2. Date of annual election of directors.

Second Monday in October.

3. Name and address of person to whom correspondence concerning this report should be directed: P. Tyrrell, Milwaukee, Wis.

Western Union Railroad Company.

GENERAL EXHIBIT FOR THE NINE MONTHS ENDING JUNE 30, 1879.

1. Total income	\$773,551 09
2. Operating expenses.....	517,129 54
3. Excess of income.....	256,421 55
4. Taxes.....	21,705 18
6. Interest accrued and paid during the nine months.....	184,519 34
On funded debt.....	\$183,750 00
On other debt.....	769 34
8. *Balance for the nine months—June 30, 1879—surplus ...	<u>50,197 03</u>

CAPITAL STOCK.

Capital stock authorized by charter	\$4,000,000 00
*Proportionate amount of same for Wisconsin	1,601,881 00
How many kinds of stock at date of last report? One.	
Amount of common stock at date of last report.....	4,000,000 00
*Proportionate amount of same for Wisconsin.....	1,601,881 00
Amount of preferred stock at date of last report? None.	
Total capital stock at date of last report.....	<u>\$4,000,000 00</u>
How much common stock has been issued since date of last report? None.	
How much preferred stock has been issued since date of last report? None.	
Total amount of stock now outstanding.....	<u>\$4,000,000 00</u>
Proportionate amount of same for Wisconsin.....	\$1,601,881 00
Amount of stock per mile of road (exclusive of sidings.....	18,801 00
*Same, for Wisconsin	18,801 00

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest.	AMOUNT.
1st. Mortgage	Feb. 1, 1896, New York.	Feb. 1, 1866.	7 pct.	\$3,500,000 00
2. Total bonded indebtedness				<u>3,500,000 00</u>
3. Proportionate amount of above for Wisconsin.....				1,401,645 00
4. Amount per mile of road.....				16,451 00
5. No. of miles of road on which computations are made (on whole line).....			212 75	.....
6. Same for Wisconsin.....			85 20	.....

*State whether surplus or deficit.

Western Union Railroad Company.

7. Net cash realized from sale of bonds.....	.....
8. Amount of unfunded and floating debt	\$354,352 81
9. Aggregate of capital stock; funded and unfunded debt...	7,854,352 81
10. Proportionate amount for Wisconsin.....	3,145,432 94
11. Amount of funded and unfunded debt per mile	18,116 00

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify particularly, in what they consist:	
Interest on bonded debt to June 30, 1879.....	\$224,583 33
Taxes due state of Wisconsin.....	8,503 83
Railroads and other companies.....	55,205 91
Pay rolls and vouchers	66,059 74
Total.....	\$354,352 81
2. Proportionate amount for Wisconsin	\$141,907 68

QUICK ASSETS.

1. Specify particularly:	
Materials on hand.....	\$63,377 46
Due from agents and other companies.....	13,555 76
U. S. Government and P. O. Department.....	1,329 64
Total.....	\$78,262 86
2. Proportionate amount for Wisconsin	\$31,305 14

ANALYSIS OF EARNINGS.

(Nine months.)

1. From local passengers:.....	}	
2. through passengers (to and from other roads) }		\$144,045 47
3. express, and extra baggage.....		10,195 00
4. mails		9,392 94
5. other sources, passenger department.....		1,861 20
6. Total earnings from passenger department.....		\$165,494 61
7. local freight..	}	
8. through freight (to and from other roads) }		\$591,523 00
9. other sources, freight department.....		.....
10. Total earnings from freight department.....		\$591,523 00
11. Total transportation earnings		\$757,017 61
12. Rents for use of road.....		.....
13. Income from all other sources (specifying same).....		16,533 48
Savanna transfer.....	\$15,504 74	
Telegraph line.....	1,028 74	
	<u>\$16,533 48</u>	
14. Total income from all sources		\$773,551 09
15. Proportionate amount of income for Wisconsin....		\$309,420 44

Western Union Railroad Company.

ANALYSIS OF EXPENSES.

(Nine months.)

1. Salaries of general officers and clerks	\$20,344 95
2. Legal expenses.....	3,318 67
3. Insurance.....	2,285 25
4. Stationery and printing.....	3,549 84
5. Outside agencies and advertising.....	2,980 11
6. Contingencies and miscellaneous	46,156 08
7. Repairs of bridges (including culverts and cattle guards)...	13,745 60
8. Repairs of buildings	8,611 38
9. Repairs of fences, road-crossings, and signs.....	4,079 23
10. Renewal of rails.....	34,204 05

(No. tons laid, 1,704.)

11. Renewal of ties. (Charged to repairs of track.)

(No. laid, 54,940.)

12. Repairs of road-bed and track.....	73,184 55
13. Repairs of locomotives	39,987 10
14. Fuel for locomotives	53,560 18
15. Water supply. (Included in other items.)	
16. Oil and waste ..	4,669 94
17. *Locomotive service.....	48,419 59
18. Repairs of passenger cars.....	15,872 38
19. *Passenger train service.....	13,184 82
20. Passenger train supplies.....	1,200 10
21. † Mileage passenger cars.....	216 87
22. Repairs of freight cars.....	35,247 02
23. *Freight train service.....	28,243 12
24. Freight train supplies	2,400 20
25. † Mileage freight cars	10,580 39
26. Telegraph expenses. (Included in other accounts.)	
27. Loss and damage, freight and baggage	398 11
28. Loss and damage, property and cattle	289 50
29. Personal injuries.....	747 50
30. *Agents and station service	46,252 71
31. Station supplies	3,600 30
32. Total operating expenses, being 67 per cent. of earnings..	\$517,129 54
33. Taxes.....	21,705 18
34. Total operating expenses and taxes, being 70 per cent. of earnings.....	\$538,834 72
35. Proportionate amount for Wisconsin, made on a basis of..	
miles of road.....	\$215,533 89

* Salaries and wages.

† Debit balances.

Western Union Railroad Company.

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE NINE MONTHS ENDING JUNE 30, 1879.

Months.	Passengers.	Freight.	Mails, Express and all other sources.	Total.
1878.				
October	\$21,514 40	\$89,957 48	\$4,669 67	\$116,141 55
November	15,584 25	67,774 97	4,437 52	87,796 74
December	14,634 31	68,336 78	4,229 31	87,200 40
1879.				
January	12,025 61	64,060 53	4,121 92	80,208 06
February	13,010 19	48,144 11	4,083 92	65,238 22
March	17,853 97	57,936 99	3,910 65	79,701 61
April	16,508 66	51,652 48	4,042 98	72,204 12
May	15,649 80	77,343 43	4,409 10	97,402 33
June	17,264 28	66,316 23	4,077 55	87,658 06
Totals	\$144,045 47	\$591,523 00	\$37,982 62	\$773,551 09
Pro. for Wis.	\$57,618 19	\$236,609 20	\$15,193 05	\$309,420 44

MONTHLY EXPENSES.

(Nine Months.)

Months.	Operating Expenses and Taxes.	Interest.	Total.
1878.			
October	\$65,438 42	\$20,502 14	\$85,940 56
November	62,507 37	20,502 15	83,009 52
December	67,229 43	20,502 15	87,731 58
1879.			
January	58,944 28	20,502 15	79,446 43
February	47,599 78	20,502 15	68,101 93
March	53,048 79	20,502 15	73,550 94
April	59,556 83	20,502 15	80,058 98
May	64,083 33	20,502 15	84,585 48
June	60,426 49	20,502 15	80,928 64
Totals	\$538,834 72	\$184,519 34	\$723,354 06
Pro. for Wisconsin	\$215,533 89	\$73,807 74	\$289,341 63

Western Union Railroad Company.

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING
THE NINE MONTHS.

4. Land		\$3,834 00
10. Total for construction		3,834 00
17. Total expenditures charged to property accounts.....		3,834 00
19. Net addition to property account for the nine months		3,834 00
20. Proportionate amount for Wisconsin made on a basis of miles of road.....		1,533 60

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878		\$8,078,463 40
2. Paid for construction during the 9 months, as per construction account on page 10		3,834 00
3. Paid for equipment during the year, as per equipment account on page 10.		
4. Total expended for construction during the 9 months ending June 30, 1879		3,834 00
5. Total cost of entire line to date, June 30, 1879....		\$8,082,297 40
6. Proportionate amount for Wisconsin.....		3,237,377 97

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary. 9 months.	Total salaries. 9 months.
1. Division, assistant superintendents and roadmasters	3	\$945 00	\$2,835 00
Clerks in general office.....	15	618 00	9,270 00
Agents and clerks at all stations.....	80	444 64	35,571 39
Master, and skilled mechanics.....	117	471 56	55,172 27
Helpers in shops.....	63	290 89	18,326 01
Conductors.....	27	653 46	17,643 32
Engineers.....	31	812 09	25,174 73
Firemen and wipers	60	386 32	23,179 28
Brakemen.....	56	404 68	22,662 30
Flagmen, switchtenders, gatekeepers, and watchmen	16	341 31	5,461 00
Section foremen	41	362 20	14,850 00
Section laborers	120	232 06	27,847 10
All other employes (including officers).	51	597 92	30,493 96
Total.....	680	\$424 24	288,486 36

Western Union Railroad Company.

GENERAL BALANCE SHEET FOR THE NINE MONTHS ENDING
JUNE 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Cost of road.....	\$7,000,000 00	First mortgage bonds.	\$3,500,000 00
Construc'n & equipm't	1,082,297 40	Common stock.....	4,000 000 00
Materials & fuel on hand	63,377 46	Due railroad and other companies...	55,205 91
Due from railroad and other companies	9,292 30	Unpaid vouchers and pay rolls	66,059 74
U. S. Gov't P. O. Dep't	1,329 64	State of Wis. (taxes)..	8,503 83
Due from agents.....	4,263 46	Interest on bonded debt to June 30, '79.	224,583 33
		Bal. to income acc't..	306,207 45
	\$8,160,560 26		8,160,560 26

CHARACTERISTICS OF ROAD.

ROADS OWNED.

NAME OF DIVI- SION OR BRANCH.	To.	From.	STATE.		Total miles.
			Wis.	Ill.	
			Miles.	Miles.	
Main line:	Pt. Byron Jct.	Racine	63.70	123.30	192.00
Div'ns or br'ches:	Elkhorn.....	Eagle.....	16.50	.....	16.50
	Watertown ..	Hampton Coal Mines .....	.....	4.25	4.25
Length of single track owned			85.20	127.55	212.75
Total miles of single track owned.....			85.20	127.55	212.75
Sidings.....			12.75	13.50	26.25
Total miles of track owned, including sidings.			97.95	141.05	239.00
PROPRIETARY AND LEASED LINES.					
Proprietary lines, none.					
Number of junction stations.....			5	4	9
What is the gauge of your line?					
Four feet, eight and one-half inches.					

Western Union Railroad Company.

DOINGS OF THE NINE MONTHS IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1.	Number miles run by passenger trains	213,457
2.	Number miles run by freight and mixed trains	372,536
3.	Number miles run by wood, gravel and construction trains	18,100
4.	Mileage of switching trains	72,740
5.	Total mileage	676,833
6.	Proportion for Wisconsin (give percentage and miles), 40 per cent.	270,733

PASSENGERS CARRIED.

7.	Total number of passengers carried	160,254
8.	Total number of passengers carried one mile (eastward)	2,265,436
9.	Total number of passengers carried one mile (westward)	2,776,959
10.	Total number passengers carried one mile	5,042,395
11.	Rate per passenger per mile on whole line, $.02\frac{86}{100}$ cents.	
12.	Rate per passenger per mile in Wisconsin, $.02\frac{86}{100}$ cents.	
13.	Average distance traveled by each passenger	31 miles.

TONNAGE OF FREIGHTS CARRIED.

	Tons.	lbs.
1. Grain	108,094	230
2. Flour	2,729	1,790
3. Provisions	8,682	1,690
4. Salt, cement, water lime and stucco	7,454	1,950
5. Manufactures, including agricultural implements, furniture and wagons	9,762	610
6. Live stock	24,931	750
7. Lumber and forest products	51,930	350
8. Iron, lead and mineral products	2,622	130
9. Stone, brick, lime, sand, etc	13,749	200
10. Coal	70,755	1,170
11. Merchandise and other articles	47,660	90
12. All other freights not above enumerated		
13. Total freight in tons	348,422	960
14. Proportion for Wisconsin	258,118	620
15. Number of tons of freight carried one mile	37,163,003	
16. Number of tons of freight carried one mile (eastward)	21,781,288	
17. Number of tons of freight carried one mile (westward)	15,381,714	
18. Average rate per ton per mile on all freights carried . . . . .	.01.59 cents	
19. Average rate per ton per mile on local freight		

Western Union Railroad Company.

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A
SERIES OF YEARS.

<i>Year.</i>	<i>Cents.</i>	||	<i>Year.</i>	<i>Cents.</i>
1870.....	2.82	||	1875.....	1.79
1871.....	2.42	||	1876.....	1.77
1872.....	2.30	||	1877.....	1.72
1873.....	2.17	||	1878.....	1.73
1874.....	1.85	||	1879.....	1.59

MILEAGE EARNINGS FOR THE NINE MONTHS.

	Whole Line.	Wis- consin.
1. Earnings per mile of road on freight.....	\$2,780 37	\$2,780 37
2. Earnings per mile of road on passengers.....	677 06	677 06
3. Earnings per miles of road on mails, express, and all other sources.....	178 53	178 53
4. Total earnings per mile.....	<u>\$3,635 96</u>	<u>\$3,635 96</u>
5. Net earnings per mile.....	\$1,103 25	\$1,103 25
6. Earnings per train mile run, on freight.....	1 59	1 59
7. Earnings per train mile run, on passengers.....	67	67
8. Earnings per train mile run, on mails, express, and all other sources.....	06	06
9. Net earnings per train mile.....	40	40
10. Of the earnings of the entire line, what is the ratio of passengers to freight? Answer: On whole line, as 1 to 4; in Wis- consin, as 1 to 4.		
11. What is the rate of passenger per mile.....	.02 86	.02 86
12. Number of passengers carried one mile.....	5,042,395	2,016,958
13. Number of miles of operated road upon which above estimates are based.....	212 75	85 20

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

(Nine months.)

1. Average operating expenses per mile of road.....	\$2,532 71
2. Average operating expenses per train mile.....	80
3. Cost of maintaining track and bridges per mile.....	18
4. Cost of repairs of engines per mile run.....	06
5. Cost of engineers and firemen per mile run.....	06
6. Cost of oil and waste per mile run.....	7
7. Cost of fuel per mile run.....	<u>08</u>

Western Union Railroad Company.

EARNINGS, AND EXPENSE STATEMENT.

(Nine months.)

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings.....	\$773,551 09
Deduct operating expenses and taxes	538,834 72
Leaving net earnings.....	\$234,716 37
Amount of rentals paid .....	.
Amount of interest paid.....	\$874 34
Total of interest.....	874 34
Balance	\$233,842 03
Dividends paid, viz —.....	none.
Leaving surplus	\$233,842 03

EQUIPMENT.

	Owned.	Total.
Number of locomotives.....	39	39
Number of passenger cars	12	12
Number of baggage, mail, and express cars.....	12	12
Number of parlor or sleeping cars	2	2
Number of freight cars, basis of 8 wheels.....	612	612
Number of other cars	75	75

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$13,433.76 per annum, for two trains each way daily.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American Express Co. Terms, \$1,000 per month, one trip each way daily. Allowed to carry three tons each way, all excess over three tons to be paid for at double first-class rates. Freight received at depots.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
None.

Western Union Railroad Company.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?
No dining cars. Sleeping cars are owned by the company. Fare \$1.50 and \$1.00, according to distance.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this State, directly or indirectly, since your last report?
None.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other State, since your last report?
None.
7. Have you acquired any lines in or out of this State, by purchase, lease, or consolidation or otherwise, since your last report?
None.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
Trains of this company are run over the Chicago, Rock Island and Pacific Railroad, between Port Byron Junction and Rock Island at a cost of \$15,000 per annum.
Western Union trains run over the Chicago, Milwaukee & St. Paul Railway, between Western Union Junction and Milwaukee at the rate of 40 cents per train mile.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
12. Have you made any reduction in such rates, from any station, since the passage of said chapter?
See tariff.
13. Has your company any rule governing your Conductors, Engineers, Trainmen and Switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
Our rules provide for the discharge of any employe using intoxicating liquors to excess.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company?
No.

DAMAGES.—(NINE MONTHS.)

No. of Accidents.	STATEMENT OF EACH ACCIDENT.			PASSENGERS				EMPLOYEES				OTHERS				Dama- ges paid.
	Give name of person, date, and place of accident.			From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.		
	NAME.	DATE.	PLACE.	K	I	K	I	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	
1	Jacob Steinman	Oct. 2, 1878	Sharon, Ills													
2	Thos. Corrance	Dec. 3, 1878	Ml. Junction, Wis.					1						1		
3	Chas. Jones	Dec. 6, 1878	Ml. Junction, Wis.					1								
4	Michael White	Dec. 8, 1878	Ml. Junction, Wis.					1								
5	S. Y. Allen	Jan. 23, 1879	Dover		1											
6	A. Niles	Feb. 1, 1879	Hampton Mine, Ill's.					1								
7	Peter Johnson	Feb. 14, 1879	Union Grove, Wis.					1								
8	J. Delaney	Apl. 3, 1879	Freeport, Ill.					1							1	
9	Chas. Neuts	June 4, 1879	Union Grove, Wis.					1								
10	Alfred Bred	June 12, 1879	Moline Ills			1										
11	R. Forsythe	June 18, 1879	Dover, Wis.		1											
12	Chas. Stores	June 18, 1879	Ml. Junction, Wis.					1								
	Totals on whole line ..				1	1	1		7					1	1	
	Totals for Wisconsin ..				1	1			5						1	

Western Union Railroad Company.

Western Union Railroad Company.

1. Of the above accidents, those numbered as follows were caused by broken rails:
None.
2. Of the above accidents those numbered as follows were caused by INATTENTION OF EMPLOYEES:
None.
3. Of the above accidents those numbered as follows were caused by COLLISIONS, not properly coming under 2:
None.
4. Of the above accidents those numbered as follows were caused by explosions:
None.
5. Amount paid as damages caused by fire from locomotives.
Nothing.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND
AMOUNT OF DAMAGES PAID THEREFOR.

	Number Killed.	Amount Paid.
1. Cattle.....	8	\$58 00
2. Horses.....	3	200 00
3. Mules.....		
4. Sheep.....	15	29 00
5. Hogs.....	1	2 50
6. Total.....	27	\$289 50

7. Amount claimed yet unsettled, or in litigation.

STATE OF WISCONSIN—County of *Milwaukee*—ss.

D. A. Olin, General Superintendent, and P. Tyrrell, Auditor of the Western Union Railroad Company being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of July, A. D. 1879, to the best of their knowledge and belief.

Signed,

{ SEAL }

D. A. OLIN, General Sup't.
P. TYRRELL, Auditor.

Subscribed and sworn to, before me, a notary public, this Third day of November, A. D. 1879.

{ SEAL }

G. E. WEISS
Notary Public,
Milwaukee Co., Wis.

Fond du Lac, Amboy & Peoria Railway Company.

REPORT

OF THE

FOND DU LAC, AMBOY & PEORIA RAILWAY COMPANY.

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President and Superintendent.	Alonzo Kinyon.....	Fond du Lac, Wis.
Ass. Supt. Vice. Pres. & Secy.	Wm. P. Wolf... ..	Tipton, Iowa.
Treasurer.....	E. N. Foster.....	Fond du Lac, Wis.
Solicitor	Geo. P. Knowles.....	Fond du Lac, Wis.
Auditor	F. W. Froemke.....	Fond du Lac, Wis.
Ass. General Freight Agent...	B. H. O'Meara.....	Fond du Lac, Wis.
General Ticket Agent.....	W. G. Wright.....	Fond du Lac, Wis.

1. General offices at Fond du Lac, Wis.

NAMES OF DIREC- TORS.	RESIDENCE.	NAMES OF DIREC- TORS.	RESIDENCE.
Alonzo Kinyon	Fond du Lac.	Peter Heltzel.....	Fond du Lac.
Wm. P. Wolf	Tipton, Iowa.	J. A. Barney	Mayville.
S. V. Land	Tipton, Iowa.	Alex. McDonald...	Fond du Lac.
Geo. P. Knowles ...	Fond du Lac.	M. D. Moore	Fond du Lac.
E. N. Foster	Fond du Lac.		

EXECUTIVE COMMITTEE.

A. KINYON.

GEO. P. KNOWLES.

ALEX. McDONALD.

E. N. FOSTER.

WM. P. WOLF.

2. Date of annual election of directors First Tuesday in May each year.
3. Name and address of person to whom correspondence concerning this report should be directed, A. Kinyon, Fond du Lac.

Fond du Lac, Amboy & Peoria Railway Company.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPTEMBER 30, 1879

1. Total income five months.....	\$13,795 46
2. Operating expenses, five months.....	6,528 11
3. Excess of income, five months	7,267 35
4. No taxes. Paid for lease of depot grounds.....	10 00
6. Interest accrued during the year.....	1,111 10
On funded debt	\$1,111 10
7. Dividends declared. None. Paid for construction and equip- ment and other property accounts	7,407 45
8. Balance for the year, September 30, 1879, (deficit)	\$1,261 20

CAPITAL STOCK.

1. Capital stock authorized by charter.....	\$700,000 00
3. How many kinds of stock at date of last report? One.	
4. Amount of common stock at date of last report. This is our first report.	
Total capital stock at date of last report. See No. 4.	
How much common stock has been issued since date of last report? None.	
How much preferred stock has been issued since date of last report? None.	
Total amount of stock now outstanding	\$125,000 00
Amount of stock per mile of road (exclusive of sidings)...	4,310 34

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest.	AMOUNT.
First mortgage bonds.....	New York.....	May 1, 1879	<i>Pr. ct.</i> 6	\$120,000 00
2. Total bonded indebtedness.....	\$10,000 of the above amount are in the hands of our treasurer.			\$120,000 00
4. Amount per mile of road..				\$4,137 93.
5. No. of miles of road on which computations are made (on whole line), 29.				
7. Net cash realized from sale of bonds. In cash or part payment for construction				110,000 00
8. Amount of unfunded and floating debt. None, except about \$15 00 for unsettled right of way.				
9. Aggregate of capital stock; funded and unfunded debt..				\$236,500 00
11. Amount of funded and unfunded debt per mile				8,155 17

Fond du Lac, Amboy & Peoria Railway Company.

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify, particularly, in what they consist:
None.

QUICK ASSETS.

1. Specify particularly: First mortgage bonds unsold in hands of company	\$10,000 00
Total.....	<u>\$10,000 00</u>

ANALYSIS OF EARNINGS.

1. From local passengers	\$3,191 44	.....
2. From through passengers (to and from other roads)	444 83	.....
3. From express and extra baggage	219 74	.....
4. From mails .....		.....
5. From other sources, passenger department.....		.....
6. Total earnings from passenger department		<u>\$3,856 01</u>
7. From local freight	\$3,215 31	.....
8. From through freight (to and from other roads).	6,724 14	.....
9. From other sources, freight department. ....		.....
10. Total earnings from freight department.....		<u>9,939 45</u>
11. Total transportation earnings	\$13,795 46	
12. Rents for use of road. None.		
13. Income from all other sources (specifying same). None.		
14. Total income from all sources.....		<u>\$13,795 46</u>

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks.....	\$1,359 72
2. Legal expenses, (recording papers)	5 20
3. Insurance.....	
4. Stationery and printing	153 20
5. Outside agencies and advertising.....	
6. Contingencies and miscellaneous.....	315 76
7. Repairs of bridges (including culverts and cattle guards)..	
8. Repairs of buildings.....	168 41
9. Repairs of fences, road-crossings, and signs }	
10. Renewal of rails.....	
11. Renewal of ties	
12. Repairs of road-bed and track.....	1,365 91
13. Repairs of locomotives	131 67
14. Fuel for locomotives.....	585 38
15. Water supply	
16. Oil and waste.....	53 58
17. *Locomotive service.....	914 21
18. Repairs of passenger cars.....	108 39
19. Mixed train service. We only run mixed trains.....	605 99

* Salaries and wages.

Fond du Lac, Amboy & Peoria Railway Company.

20. Mixed train supplies	14 60
21. †Mileage passenger cars. None.	
22. Repairs of freight cars.....	
23. *Freight train service. See No. 19.	
24. Freight train supplies. See No. 20.	
25. †Mileage freight cars. None.	
26. Telegraph expenses. We have no telegraph line.	
27. Loss and damage, freight and baggage.....	1 60
28. Loss and damage, property and cattle.....	27 50
29. Personal injuries. None.	
30. *Agents and station service.....	609 96
31. Station supplies.....	27 10
Total for operating ..	\$6,528 11
32. Total operating expenses, being $47\frac{33}{100}$ per cent. of earnings	
33. No Taxes paid; lease for depot ground	10 00
Total.....	\$6,538 11
34. Total operating expenses and taxes being $47\frac{33}{100}$ per cent. of earnings ..	.....

**MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.¹**

MONTHS.	Passengers.	Freight.	Mails, Exp's and all other sources.	Total.
1878.				
October.....	\$553 90	\$1,739 34	\$27 94	\$2,321 18
November	584 10	1,471 08	45 58	2,100 76
December.....	420 20	1,084 57	34 46	1,539 23
1879.				
January	342 55	987 89	9 42	1,339 86
February	332 15	768 04	12 27	1,112 46
March	579 85	870 30	19 27	1,469 42
April	475 65	879 10	13 09	1,367 84
May	502 66	1,374 04	24 65	1,901 35
June	746 15	1,440 43	15 60	2,202 18
July	1,167 53	1,858 06	77 95	3,103 54
August	617 98	1,446 49	47 30	2,111 77
September	601 95	3,820 43	54 24	4,476 62
Totals	\$6,924 67	\$17,739 77	381 77	\$25,046 21

*Salaries and wages.

†Debit balances.

*Fond du Lac, Amboy & Peoria Railway Company.*MONTHLY EXPENSES.¹

MONTHS.	Operating exp'nses and taxes.	Rentals.	Interest, div- idends, etc.	Total.
1878.				
October.....	\$1,683 97	.....	.....	.....
November	1,531 42	.....	.....	.....
December.....	1,566 19	.....	.....	.....
1879.				
January	1,339 47	.....	.....	.....
February	1,153 45	.....	.....	.....
March	1,241 44	.....	.....	.....
April	1,104 78	.....	.....	.....
May	1,217 69	\$2 50	.....	\$1,220 19
June	1,429 91	2 50	\$1,111 10	2,541 51
July	1,215 98	2 50	751 91	2,000 39
August	1,270 37	2 50	4,085 70	5,358 57
September	1,394 16	.....	2,569 84	3,964 00
Totals	\$16,148 83	\$10 00	\$8,518 55	\$24,677 38

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry	\$2,565 54
2. Bridging.....	.....
3. Superstructure, including rails.....	128 79
4. Land, land damages and fences.....	3,833 04
5. Passenger and freight stations, wood and coal sheds and water stations.....	.....
6. Engine houses, car sheds and turn-tables.....	1 65
7. Machine shops.....	.....
8. Engineering, agencies, salaries, and other expenses during construction	60 20
9. Purchase of other roads (specifying same): Claim relating from old construction assumed by this company per contract	500 00
10. Total for construction.....	\$7,089 22
11. Locomotives [extra repairs].....	158 01
12. Parlor and sleeping cars .....	.....
13. Flat cars change to excursion cars [Number 4].....	160 22
14. Freight and other cars .....	.....
15. Total for equipment	318 23
16. Total expenditures charged to property account.....	\$7,407 45

¹The earnings and expenses for October, November, December, 1878, and January, February, March, April and May, 1879, are as reported to this office by the receiver of the road, while it was under his control, and the totals have been changed so as to include the amounts. — COMMISSIONER.

Fond du Lac, Amboy & Peoria Railway Company.

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$225,625 06
2. Paid for construction during the year, as per construction account on page 10'	7,089 22
3. Paid for equipment during the year, as per equipment account on page 10	318 23
4. Total expended for construction and equipment during the year ending Sept. 30, 1879	7,407 45
5. Total cost of entire line to date, Sept. 30, 1879	<u>\$233,032 51</u>

PERSONS EMPLOYED AND SALARIES PAID.

	FIVE MONTHS.		
	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters	1	\$1,500 00	\$625 00
Clerks in general offices	3	547 56	684 47
Agents, and clerks at all stations	4	363 84	606 47
Master and skilled mechanics	2	458 04	381 72
Helpers in shops	1	324 00	134 99
Conductors	1	784 08	327 96
Engineers	1	1,230 72	512 83
Firemen and wipers	2	479 64	399 72
Brakemen	1	542 88	226 19
Flagmen, switchtenders, gatekeepers and watchmen			
Section foremen	3	503 88	419 94
Section laborers	12	300 00	1,467 14
All other employes			
Total	31		\$5,786 43

Fond du Lac, Amboy & Peoria Railway Company.

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Constructi'n and equip- ment, including ma- terial on hand	\$233,032 51	Capital stock.....	\$125,000 00
Unsold bonds.....	10,000 00	Mortgage bonds	110,000 00
Interest account.....	1,111 10	Bills payable	2,800 00
Balance due from R. R. Companies	785 33	Unfunded debts for right of way.....	1,500 00
Agents' balances, and sundry debtors.....	317 05	Income account	7,397 61
Cash on hand.....	451 62		
	\$245,697 61		\$245,697 61

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	To	From	Wis'sin Miles.	Total Miles.
Main line:	Iron Ridge	Fon du Lac.....	29	29
Length of single track owned			29	29
Sidings			1 $\frac{3}{4}$	1 $\frac{1}{2}$
Total miles of track owned, including 2d track and sidings			30 $\frac{1}{2}$	30 $\frac{1}{2}$

What is the gauge of your lines? Three feet.

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1. Number miles run by passenger trains	} mixed trains. 15,490
2. Number miles run by freight and mixed trains..	
3. Number miles run by wood, gravel and construc- tion trains	
5. Total mileage.....	<u>15,490</u>

Fond du Lac, Amboy & Peoria Railway Company.

PASSENGERS CARRIED.

7. Total number of passengers carried.....	5,271
8. Total number of passengers carried one mile (south).....	61,775
9. Total number of passengers carried one mile (north).....	61,375
10. Total number of passengers carried one mile	123,150
11. Rate per passenger per mile on whole line	02.9 cents.
13. Average distance traveled by each passenger.....	23 miles

TONNAGE OF FREIGHTS CARRIED.¹

FREIGHTS.	TONS.	LBS.
1. Grain	13,201	1,485
2. Flour.....		
3. Provisions		
4. Salt, cement, water-lime and stucco		
5. Mfrs., incl. ag'l implem'ts, furniture and wagons.....		
6. Live stock.....		
7. Lumber and forest products.....		
8. Iron, lead, and mineral products.....		
9. Stone, brick, lime, sand, etc.....		
10. Coal		
11. Merchandise and other articles.....		
12. All other freights not above enumerated		
13. Total freight in tons		
15. Number of tons of freight carried, one mile.....	145,927	
16. Number of tons of freight carried (south).....	4,538	
17. Number of tons of freight carried (north).....	8,663	
18. Av. rate per ton per mile on all freights carried	06.8 m	
19. Average rate per ton per mile on local freight.....	04.5 m	

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight, five months.....	\$342 74
2. Earnings per mile of road on passengers, five months.....	125 38
3. Earnings per mile of road on mails, express, and all other sources, five months.....	7 57
4. Total earnings per mile.....	\$475 69
5. Net earnings per mile	\$250 24
6. Earnings per train mile run, on freight	64
7. Earnings per train mile run, on passengers.....	23
8. Earnings per train mile run, on mails, express and all other sources	01.4 m
9 Net earnings per train mile.....	46.8 m

¹ Cannot give a correct statement of commodities, as there was no record kept — will have it though hereafter.

Fond du Lac, Amboy & Peoria Railway Company.

10. Of the earnings of the entire line, what is the ratio of passengers to the freight?
 Answer: 13 to 37.
11. What is the rate of passenger per mile..... 02.9 m
12. Number of passengers carried one mile, 123,150
13. Number of miles of operated road upon which above estimates are based 29 miles.

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road (29 miles) 5 months	\$225 45
2. Average operating expenses per train mile (15,490 miles) 5 months	42.2
3. Cost of maintaining track and bridges per mile.....	47 10
4. Cost of repairs of engines per mile run	01
5. Cost of engineers and firemen per mile run, about.....	06
6. Cost of oil and waste per mile run	18 ³ / ₄ c
7. Cost of fuel per mile run.....	03.7

EARNINGS AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings.....	\$13,795 46
Direct operating expenses and taxes.....	6,528 11
Leaving net earnings.....	7,267 35
Amount of rentals paid ..	\$10 00
Amount of interest paid.....	1,111 10
Total of rentals and interest.....	1,121 10
Balance	6,146 25
No dividends paid (paid for construction and equipment and other property accounts.....)	7,407 45
Leaving deficit	1,261 20

EQUIPMENT.

Number of locomotives	2
Number of passenger-cars.....	1
Number of baggage, mail, and express cars.....	1
Number of parlor or sleeping cars .....	.....
Number of freight cars (basis of 8 wheels) (box).....	16
Number of other cars (flat).....	16

GENERAL QUESTIONS.

EXPRESS COMPANIES.

2. What express companies run on your road?
 American Express company.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road and on what terms?
 None.

Fond du Lac, Amboy & Peoria Railway Company.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?
None.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
None.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
We are in joint freight and passenger account with the C. M. & St. P. Ry. Co.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57 of the laws of 1876?
No.
13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
Drunkenness on duty will be considered sufficient cause for instant dismissal—this is enforced.

LANDS RECEIVED AND SOLD, etc.

1. Have any swamp or other state land been granted your company?
No.

ACCIDENTS.

None.

NUMBER AND KIND OF FARM ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number killed.	Amount paid.
1. Cattle	2	\$27 50
2. Horses		
3. Mules		
4. Sheep		
5. Hogs		
6. Total	2	\$27 50

STATE OF WISCONSIN — *County of Fond du Lac* — ss.

Alonzo Kinyon, President and Superintendent, and F. W. Frøemke, Auditor, of the Fond du Lac, Amboy and Peoria Railway Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct state-

Fond du Lac, Amboy & Peoria Railway Company.

ment of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

[SEAL]

Signed,

ALONZO KINYON,

President and Superintendent.

F. W. FRCMKE, *Auditor.*

Subscribed and sworn to, before me, this 31st day of October, A. D. 1879.

[SEAL]

THOS. W. SPENCE, *Notary Public, Wisconsin.*

MILWAUKEE, November 11, 1879.

A. J. TURNER, *Railroad Commissioner, Madison, Wis.:*

SIR: Instead of using the blank sent me, which is a good deal bigger than I can fill, I will give you statements made from my monthly reports to court. My time ends April 26, 1879. Monthly earnings and operating expenses are as follows:

Oct. 1878	Earnings ..	Freight ...	\$1,739 34	\$2,321 18	Expenses	\$1,683 97
		Passengers.	553 90			
		Express ...	27 94			
Nov. 1878	Earnings ..	Freight ...	\$1,471 08	2,100 76	Expenses	1,531 42
		Passengers.	584 10			
		Express ...	45 58			
Dec. 1878	Earnings ..	Freight ...	\$1,084 57	1,539 23	Expenses	1,566 19
		Passengers.	420 20			
		Express ...	34 46			
Jan. 1879	Earnings ..	Freight ...	\$987 98	1,339 86	Expenses	1,339 47
		Passengers	342 55			
		Express ...	9 42			
Feb. 1879	Earnings ..	Freight ...	\$768 04	\$1,112 46	Expenses	1,153 45
		Passengers	332 15			
		Express ...	12 27			
Mar. 1879	Earnings ..	Freight ...	\$870 30	1,472 72	Expenses	1,241 44
		Passengers	579 85			
		Express ...	19 27			
		Sale of old material..	3 30			
Apr. 1879	Earnings ..	Freight ...	\$879 10	1,367 84	Expenses	1,104 78
		Passengers	475 65			
		Express ...	13 09			

I have no means now of giving analysis of earnings or expenses. I had nothing to do with capital, or debt, or directors, or stockholders, and can give no figures. I have not the pay rolls to give you wages and salaries. They were nearly same as in my report for Sept. 1878. I used two locomotives and two passenger cars; no sleeping car. I think there were fourteen freight cars and fourteen flats, but am not sure. My last year's report gives number of each. There were no changes.

This is meagre, but I believe it is all I can give.

Yours truly,

J. R. BRIGHAM,
Late Receiver.

Galena & Wisconsin Railroad Company.

REPORT

OF THE

GALENA & WISCONSIN RAILROAD COMPANY,

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President	Fredrick Stahl	Galena, Ill.
Vice-President	William Dickson	Galena, Ill.
Superintendent	G. Albert Haggerty	Galena, Ill.
Secretary	J. J. Gray	Galena, Ill.
Auditor		
Pass Agent		
Freight Agent		
Treasurer	H. D. Howard	Galena, Ill.

1. General offices at Galena, Illinois.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
Fred. Stahl	Galena, Ill.	H. D. Howard	Galena, Ill.
Wm. Dickson	Galena, Ill.	J. A. Brinchter	Galena, Ill.
J. H. Hellman	Galena, Ill.		

EXECUTIVE COMMITTEE.

FRED. STAHL,

WM. DICKSON,

J. H. HELLMAN.

2. Date of annual election of directors.

First Tuesday after first Monday in December.

3. Name and address of person to whom correspondence concerning this report should be directed.

J. J. Gray.

Galena & Wisconsin Railroad Company.

**GENERAL EXHIBIT FOR THE THREE MONTHS ENDING SEP-
TEMBER 30, 1879.**

1. Total income.....	\$4,121 85
2. Operating expenses.....	3,771 75
3. Excess of income.....	\$350 10
4. Taxes.....	
5. Rentals (specifying amount to each company) Entire rolling stock of Hellman & Lorrain, at \$100 per month.	
6. Interest accrued during the year. None.	
7. Dividends declared. None.	

CAPITAL STOCK.

Capital stock authorized by charter.....	300,000 00
*Proportionate amount of same for Wisconsin.....	255,000 00
How many kinds of stock at date of last report? None.	
How much stock has been issued since date of last report? None.	
Total amount of stock now outstanding.....	<u>\$227,777 50</u>
*Proportionate amount of same for Wisconsin.....	170,833 12
Amount of stock per mile of road (exclusive of sidings).....	5,555 00

FUNDED AND UNFUNDED DEBT.

1. Describe specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.	None issued.
8. Amount of unfunded and floating debt	
9. Aggregate of capital stock; funded and unfunded debt ¹ ..	\$227,777 50
10. Proportionate amount for Wisconsin.....	170,833 12
11. Amount of funded and unfunded debt per mile	5,555 00

ANALYSIS OF EARNINGS.

1. From local passengers.....	\$1,483 35
2. through passengers (to and from other roads)	
3. express and extra baggage.....	68 80
4. mails	300 00
5. other sources, passenger department.	
6. Total earnings from passenger department.....	1,852 15
7. local freight	2,269 70
14. Total income from all sources.....	<u>4,121 85</u>
15. Proportionate amount of income for Wisconsin.....	<u>3,091 38</u>

* See letter of explanation on page 84.

(1) See letter of explanation, p. 84.

Galena & Wisconsin Railroad Company.

GALENA AND WISCONSIN RAILROAD COMPANY,
General Office,

GALENA, Ill., Oct. 27, 1879.

A. J. TURNER, *Rail Road Commissioner*, Madison, Wis.:

DEAR SIR:—Yours of 23d inst. is at hand. Please add the following to our report: Page 3. Total amount of stock outstanding, \$227,777 50; proportionate amount of same for Wisconsin, \$170,833 12; amount of stock per mile of road, exclusive of sidings, is the same as reported, viz: 75 00, provided it amount as per charter is meant. But if from stock outstanding is meant, it would read \$3,555 00. And the last question on page 3 would be \$170,833 12. On page 5, No. 9, \$227,777 50; on page 5, No. 10, \$170,833 12; on page 5, No. 11, \$5,555 00.

The best answer I can give you for No. 2, page 11, is that the road was bought for the amount of bonds that were outstanding, with coupons attached; and then the stock was issued at 50 per cent. of that whole amount, according to decree of court.

Hoping, with a few remarks from the President, you will find things satisfactory,

I am yours truly,

J. J. GRAY.

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks for three months...	\$450 00
2. Legal expenses.....	100 00
3. Insurance.....	75 50
4. Stationery and printing.....	65
5. Outside agencies and advertising.....	65 00
6. Contingencies and miscellaneous.....	600 00
7. Repairs of bridges (including culverts and cattle guards).....	18]
8. Repairs of buildings.....	680 00
9. Repairs of fences, road crossings, and signs.....	3,403]
10. Renewal of rails, extending.....	722 00
]No. tons laid.....	235 00
11. Renewal of ties.....	287 50
]No. laid.....	90 00
12. Repairs of road-bed and track.....	45 50
13. Repairs of locomotives.....	270 00
14. Fuel for locomotives.....	None.
15. Water supply.....	26 00
16. Oil and waste.....	78 40
17. *Locomotive service.....	\$3,771 15
18. Repairs of passenger cars.....	45 60
19. Passenger train service.....	None.
Mixed train service.....	26 00
20. Passenger train supplies.....	78 40
21. ² Mileage passenger cars.....	78 40
22. Repairs of freight cars.....	None.
23. ¹ Freight train service.....	26 00
24. Freight train supplies.....	78 40
25. ² Mileage freight cars.....	None.
26. Telegraph expenses.....	78 40
27. Loss and damage, freight and baggage.....	None.
28. Loss and damage, property and cattle.....	26 00
29. Personal injuries.....	78 40
30. ¹ Agents and station service.....	78 40
31. Station supplies.....	78 40
32. Total operating expen's, being 91 per cent. of earnings	\$3,771 15
33. Taxes.....	78 40
34. Total operating expenses and taxes, being 91 per cent. of earnings.....	\$3,771 15
Proportionate amount for Wisconsin, made on a basis of miles of road.....	\$2,828 37

¹ Salaries and wages. ² Debit balances.

Galena & Wisconsin Railroad Company.

MONTHLY EARNINGS FROM ALL SOURCES, FOR THREE MONTHS ENDING SEPTEMBER 30, 1879.

MONTHS.	Passengers.	Freight.	Mail, expr'ss and all other sources.	Total.
1879.				
July	\$301 25	\$431 65	\$128 80	\$861 70
August	709 35	847 40	120 00	1,676 75
September	472 75	990 65	120 00	1,583 40
Totals	¹ \$1,483 35	\$2,269 70	\$368 80	\$4,121 85
Proportion for Wisconsin...	\$1,112 52	\$1,702 28	\$276 60	\$3,091 40

MONTHLY EXPENSES.

<i>Months.</i>	<i>Operating expenses and taxes.</i>
July	\$1,490 65
August	1,045 00
September.....	1,236 20
Total.....	<u>\$3,771 85</u>
Proportion for Wisconsin	<u>\$2,828 88</u>

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

5. Total cost of entire line to date, Sept 30, 1879 ²	\$227,777 50
6. Proportionate amount for Wisconsin	<u>\$170,833 88</u>

¹ Of this amount, \$591 were for excursions, number of passengers not considered.

² See letter of explanation, page 84,

Galena & Wisconsin Railroad Company.

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters	1	\$720 00	\$180 00
Clerks in general offices.....	1	600 00	150 00
Agents and clerks at all stations ...	6	180 00	270 00
Master, and skilled mechanics.....	2	510 00	255 00
Helpers in shops.....	1	100 00	25 00
Conductors.....	1	600 00	150 00
Engineers	2	600 00	300 00
Firemen and wipers	3	360 00	270 00
Brakemen.....			
Flagmen, switchtenders, gatekeepers and watchmen	1		
Section foremen.....	2	480 00	240 00
Section laborers.....	12	300 00	900 00
All other employes.....			
Totals	32		\$2,740 00

CHARACTERISTICS OF ROAD.

ROADS OWNED.

NAME OF DIVISION OR BRANCH.	To.	From.	STATE.		Total miles.
			Wis.	Ill.	
			Miles.	Miles.	
Main line:	Platteville.....	Galena...	20	10	30
Div'ns or branches:	McCormicks...	Phillips...	10	.....	10
Length of single track owned			30	10	40
Sidings.....			1	.....	1
Total miles of track owned, including sidings.			31	10	41
Aggregate length of tracks operated by this company, computed as single track			30	10	40
Aggregate length of sidings and other track not above enumerated			1	.....	1
Total.....			31	10	41
Number of junction stations, two.....					
What is the gauge of your lines? Three feet.					

Galena & Wisconsin Railroad Company.

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEP-
TEMBER 30, 1879.

Owing to the road just commencing operations we have been unable to get our full set of books open, so as to fill this correctly.

DOINGS OF THREE MONTHS IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains .....	}	.....	5,860
2. Number miles run by freight and mixed trains			
5. Total mileage			5,860
6. Proportion for Wisconsin. (Give per centage and miles).....			<u>4,395</u>

PASSENGERS CARRIED.

7. Total number of passengers carried, exclusive of excursions....		1,467
10. Total number of passengers carried one mile.....	28,456	.....
11. Rate per passenger per mile on whole line.....	$3\frac{3}{10}\text{c}$	.....
12. Rate per passenger per mile in Wisconsin	$3\frac{3}{10}\text{c}$	.....
13. Average distance traveled by each passenger.....	19.03	

TONNAGE OF FREIGHTS CARRIED.

	Tons.	Lbs.
1. Grain	176	.....
2. Flour .....		.....
3. Provisions .....		.....
4. Salt, cement, water lime and stucco.....		.....
5. Manufacturers, including agricultural implements, furniture and wagons.....		.....
6. Live stock.....		.....
7. Lumber and forest products.....	1,880	.....
8. Iron, lead and mineral products	96	.....
9. Stone, brick, lime, sand, etc.....	32	.....
10. Coal .....		.....
11. Merchandise and other articles.....	40	.....
12. All other freights not above enumerated	118	1,636
13. Total freight in tons.....	2,342	1,636
14. Proportion for Wisconsin	1,757	264

Galena & Wisconsin Railroad Company.

MILEAGE EARNINGS FOR THE YEAR.

	Whole Line.	Wisconsin.
1. Earnings per mile of road on freight	\$56 74	\$56 74
2. Earnings per mile of road on passengers.....	37 08	37 08
3. Earnings per mile of road on mails, express and all other sources.....	9 22	9 22
4. Total earnings per mile	103 04	\$103 04
5. Net earnings per mile.....	\$8 75	\$8 75
6. Earnings per train mile run, on freight.....	38	38
7. Earnings per train mile run, on passengers....	25	25
8. Earnings per train mile run, on mails, express and all other sources.....	06	06
9. Net earnings per train mile.....	07	07
10. Of the earnings of the entire line, what is the ratio of passengers to the freight?.....		
Answer: On whole line, as 7 to 11, in Wis- consin, as 7 to 11.		
11. What is the rate of passenger per mile on the whole line and in Wisconsin?.....	3 ³ / ₁₀	3 ³ / ₁₀
12. Give number of passengers carried one mile, on whole line in Wisconsin.....	28,456	21,342
13. Give number of miles of operated road upon which above estimates are based	40	30

MISCELLANEOUS OPERATING EXPENSES, STATISTICS.

1. Average operating expenses per mile of road.....	\$94 29
---	---------

EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings	\$4,121 85
Deduct operating expenses and taxes.....	3,771 75
Leaving net earnings.....	\$350 10
Amount of rentals paid, included in above expenses.....	
Amount of interest paid, none.	
Total of rentals and interest.....	300 00
Balance	
Dividends paid, viz.: none.	

EQUIPMENT.

Number of locomotives	2
Number of passenger cars.....	1
Number of baggage, mail, and express cars (a part of passenger cars used)	
Number of freight cars (basis of 8 wheels)	14
Number of other cars	16

Galena & Wisconsin Railroad Company.

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$120 per month.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
A. M. Ex. Co., \$20 per month.
Take the freight at the depot.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
None.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?
This company is proprietor of the old G. & S. W. R. R., having taken possession by foreclosure of mortgage, and are now acting under new charter.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
No.
7. Have you acquired any lines in or out of this state, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, made since the date of your last report?
None.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
12. Have you made any reduction in such rates, from any stations, since the passage of said chapter?
No.
13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquor? If so, what is it, and is it enforced?
None.

Galena & Wisconsin Railroad Company.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company?
No.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
None.

ACCIDENTS.

None.

5. Amount paid as damages caused by fire from locomotives. None.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number killed.	Amount Paid.
1. Cattle.....	1	\$25 00
2. Horses.....		
3. Mules.....		
4. She p.....		
5. Hogs.....	1	1 00
6. Total.....	2	\$26 00

7. Amount claimed yet unsettled, or in litigation. None.

REMARKS.

The total time taken into consideration for this report, is for three months only, owing to the reason of its commencing operations about July first.

STATE OF ILLINOIS, — *County of Jo Davies*, — ss.

I. Frederick Stahl, President, and J. J. Gray, Secretary of the Galena and Wisconsin Railroad company, being duly sworn depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

{ SEAL }

Signed,

FREDERICK STAHL,
President.
J. J. GRAY,
Secretary.

Subscribed and sworn to before me a Notary Public this 20th day of October, A. D. 1879.

{ SEAL }

C. S. MERRICK,
Notary Public,

Pine River Valley & Stevens Point Railroad Company.

REPORT

OF THE

PINE RIVER VALLEY & STEVENS POINT RAILROAD CO.,

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President....	J. W. Lybrand.....	Richland Center, Wis.
Vice President.....	A. W. Bickford.....	Richland Center, Wis.
Secretary.....	Wm. H. Pier.....	Richland Center, Wis.
Treasurer.....	J. L. McKee.....	Richland Center, Wis.

1. General offices at Richland Center, Wis.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
J. W. Lybrand	Richl'd Center.	J. Walworth.....	Richl'd Center.
A. W. Bickford.....	Richl'd Center.	J. Brim'r	Richl'd Center.
J. L. McKee.....	Richl'd Center.	J. H. Miner.....	Richl'd Center.
F. P. Bowen.....	Richl'd Center.	W. J. Bowen	Bowen's Mills.
A. C. Parfrey	Richl'd Center.		

EXECUTIVE COMMITTEE.

A. W. BICKFORD, F. P. BOWEN, A. C. PARFREY,

2. Date of annual election of directors. Last Saturday in July.
3. Name and address of person to whom correspondence concerning this report should be directed, Wm. H. Pier, Richland Center, Wis.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income.....	\$17,116 70
2. Operating expenses.....	9,914 52
3. Excess of income.....	7,202 18
4. Taxes.....	80 00

Pine River Valley & Stevens Point Railroad Company.

6. Interest accrued during the year:	
On funded debt.....	\$3,843 75
On other debt.....	461 45
	\$4,305 20
8. *Balance for the year—September 30, 1879—surplus.....	
	2,816 98

CAPITAL STOCK.

Capital stock authorized by charter	\$150,000 00
How many kinds of stock at date of last report? One.	
Amount of common stock at date of last report.....	51,000 00
Total capital stock at date of last report.....	\$51,000 00
Total amount of stock now outstanding.....	\$51,000 00
Amount of stock per mile of road (exclusive of sidings.....	\$3,187 50

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest.	AMOUNT.
First Mortgage.....	Milwaukee, Aug. 3, '78.	Aug. 3, '76	10 pct.	\$20,000 00
Second Mortgage ..	Milwaukee, Sept. 16, '80	Sep. 16, '78	10 pct.	14,500 00
2. Total bonded indebtedness				\$34,500 00
4. Amount per mile of road.....				2,156 25
5. No. of miles of road on which computations are made... 16				
7. Net cash realized from sale of bonds.....				14,500 00
8. Amount of unfunded and floating debt				6,373 42
9. Aggregate of capital stock; funded and unfunded debt				95,534 17
11. Amount of funded and unfunded debt per mile.....				2,768 40

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify particularly, in what they consist:	
Company's note for rails	\$5,911 97
Interest accrued on same	461 45
Total	\$6,373 42

Pine River Valley & Stevens Point Railroad Company.

QUICK ASSETS.

1. Specify particularly:	
Cash	[\$3,728 53
Total	<u> \$3,728 53</u>

ANALYSIS OF EARNINGS.

1. From local passengers:.....	}	[\$2,141 50	
2. through passengers (to and from other roads)			
3. express, and extra baggage.....			600 25
4. mails			703 74
5. other sources, passenger department.....			
6. Total earnings from passenger department.....		<u> \$3,445 49</u>	
7. local freight..			
8. through freight (to and from other roads).....			
9. other sources, freight department.....			
10. Total earnings from freight department.....		<u> \$13,461 66</u>	
11. Total transportation earnings.....		<u> \$16,907 15</u>	
12. Rents for use of road.....			
13. Income from all other sources (specifying same)			
Sales of salt, etc.....	\$509 55		
14. Total income from all sources.....		<u> \$17,116 70</u>	

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks. None.	
2. Legal expenses,	\$100 00
3. Insurance.....	
4. Stationery and printing	120 35
5. Outside agencies and advertising.....	
6. Contingencies and miscellaneous.....	633 89
7. Repairs of bridges (including culverts and cattle guards).....	} All done by section hands and charged to repairs of road and track.
8. Repairs of buildings.....	
9. Repairs of fences, road-crossings, and signs.....	
10. Renewal of rails.....	410 28
[No. tons laid, wood rails.]	
11. Renewal of ties	
12. Repairs of road-bed and track.....	3,653 59
13. Repairs of locomotives	895 08
14. Fuel for locomotives.....	749 13
15. Water supply	
16. Oil and waste.....	128 45
17. *Locomotive service	1,243 75
18. Repairs of passenger cars (included in No. 6.)	
19. *Passenger train service (mixed).	

* Salaries and wages.

Pine River Valley & Stevens Point Railroad Company.

20. Passenger train supplies (included in No. 6).	
21. †Mileage passenger cars (mixed).	
22. Repairs of freight cars (included in No. 6).	
23. *Freight train service (mixed).	
24. Freight train supplies (included in No. 6).	
25. †Mileage freight cars. None.	
26. Telegraph expenses (included in No. 6).	
27. Loss and damage, freight and baggage. None.	
28. Loss and damage, property and cattle.....	28 00
29. Personal injuries. None.	
30. *Agents and station service.....	1,344 00
31. Station supplies (included in No. 6).	
32. Total operating expenses, being 58 per cent. of earnings...	\$9,914 52
33. Taxes.....	80 00
34. Total operating expenses and taxes being 58 ⁰⁴ / ₁₀₀ per cent. of earnings.....	\$9,994 52

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.

MONTHS.	Passeng- ers.	Freight.	Mails, Ex- press and all sourc's	Total.
1878.				
October	\$91 50	\$1,302 02	\$259 89	\$1,653 42
November	125 90	1,949 02	125 80	2,200 72
December	89 95	1,530 24	96 50	1,716 69
1879.				
January	97 00	933 45	71 15	1,101 60
February	146 83	1,423 37	209 82	1,780 02
March	277 80	726 30	57 05	1,061 15
April	187 70	1,089 59	58 40	1,335 69
May	159 01	858 33	243 34	1,260 68
June	280 42	1,123 26	58 85	1,462 53
July	131 83	542 71	214 04	888 58
August	226 17	746 76	48 30	1,021 26
September	327 39	1,236 57	70 40	1,634 36
Totals	\$2,141 50	\$13,461 66	1,513 54	\$17,116 70

*Salaries and wages.

†Debit balances.

Pine River Valley & Stevens Point Railroad Company.

MONTHLY EXPENSES.

MONTHS.	Operating exp'nses and taxes.	Rentals.	Interest.	Total.
1878.				
October.....	\$924 26			\$924 26
November	988 01			988 01
December.....	1,397 40			1,397 40
1879.				
January	957 56			957 56
February	904 11			904 11
March	872 60		\$400 00	1,272 60
April	778 63			778 63
May	730 65			730 65
June	707 73			707 73
July	753 71		150 00	903 71
August	386 40			386 40
September	593 46	5 00	550 00	1,138 46
Totals	9,994 52	\$5 00	\$1,090 00	\$11,089 52

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry .....	.....
2. Bridging.....	.....
3. Superstructure, including rails.....	19,552 01
4. Land, land damages and fences.....	108 60
10. Total for construction	19,660 61

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$75,007 56
2. Paid for construction during the year, as per construction account on page 10	19,660 61
5. Total cost of entire line to date, Sept. 30, 1879.....	\$94,667 17

Pine River Valley & Stevens Point Railroad Company.

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters			
Clerks in general offices.....			
Agents, and clerks at all stations	3	\$448 00	\$1,344 00
Master and skilled mechanics.....	1	600 00	600 00
Helpers in shops.....			
Conductors	1	608 00	608 00
Engineers	1	853 00	853 00
Firemen	1	390 00	390 00
Brakemen			
Flagmen, switchtenders, gatekeepers and watchmen	1	312 00	312 00
Section foremen	2	337 50	675 00
Section laborers	6	300 00	1,800 00
All other employes.....			
Total.....	16	\$481 07	\$6,582 00

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Cash	3,728 53	First mortgage bonds	20,000 00
Sixteen miles road-bed and track and depot.		Interest on same, 14 months.....	2,333 33
One locomotive and 13 cars.....		Sec'nd m'tgage bonds	14,500 00
Right of way and other franchises of road, costing as per report, page 11	94,667 17	Interest due on same.	460 42
		Company's note.....	5,911 97
		Interest due on same.	461 45
		Capital stock —	
		Reported on p. 3...	51,000 00
		Amount to balance..	3,728 53
	98,395 70		98,395 70
Amount in treasury...	3,728 53		

Pine River Valley & Stevens Point Railroad Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	To	From	Wis'sin Miles.	Total Miles.
Main line:	R. Center	Lone Rock	16	16
Length of single track owned			16	16
Total miles of single track owned			16	16
Sidings			½	½
Total miles of track owned, including 2d track and sidings			16½	16½
Aggregate length of tracks operated by this company, computed as single track			16	.....
Aggregate length of sidings and other track not above enumerated			½	.....
Total			16½	16½

Number of junction stations. One.
 What is the gauge of your lines? Three feet.

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1. Number miles run by passenger trains (Ans. in No. 2).
2. Number miles run by freight and mixed trains..... 19,968
5. Total mileage..... 19,968

PASSENGERS CARRIED.

7. Total number of passengers carried..... 7,138
8. Total number of passengers carried one mile (eastward).... 42,955
9. Total number of passengers carried one mile (westward).... 42,701
10. Total number passengers carried one mile..... 85,656
11. Rate per passenger per mile on whole line, 2½ cents.
13. Average distance traveled by each passenger..... 12 miles.

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

Year.	Cents.
1877.....	15
1878.....	11
1879.....	10

Pine River Valley & Stevens Point Railroad Company.

TONNAGE OF FREIGHTS CARRIED.

FREIGHTS.	TONS.	LBS.
1. Grain.....	2,779	1,440
2. Flour.....	1,276	1,100
3. Provisions.....	534	1,170
4. Salt, cement, water lime and stucco.....	118	1,300
5. Manufactures, including agricultural implements, furniture and wagons.....	42	.....
6. Live stock.....	1,421	.....
7. Lumber and forest products.....	437	1,150
8. Iron, lead and mineral products.....	.....	.....
9. Stone, brick, lime, sand, etc.....	.....	.....
10. Coal.....	37	550
11. Merchandise and other articles.....	1,531	320
12. All other freights not above enumerated.....	192	1,480
13. Total freight in tons.....	8,371	510
15. Number of tons of freight carried one mile.....	125,568	945
16. Number of tons of freight carried one mile (eastward).....	6,447	1,100
17. Number of tons of freight carried one mile (westward).....	1,924	1,100
18. Average rate per ton per mile on all freights carried.....	.....	10 cents.
19. Average rate per ton per mile on local freight.....	.....	.....

MILEAGE EARNINGS FOR THE YEAR.

	Whole Line.	Wis- consin.
1. Earnings per mile of road on freight.....	\$841 35	\$841 35
2. Earnings per mile of road on passengers.....	133 84	133 84
3. Earnings per miles of road on mails, express, and all other sources.....	94 59	94 59
4. Total earnings per mile.....	\$1,069 78	\$1,069 78
5. Net earnings per mile.....	\$445 13	\$445 13
6. Earnings per train mile run, on freight.....	67.41	67.41
7. Earnings per train mile run, on passengers.....	10.72	10.72
8. Earnings per train mile run, on mails, express, and all other sources.....	07.58	07.58
9. Net earnings per train mile.....	36.08	36.08
10. Of the earnings of the entire line, what is the ratio of passengers to freight? Answer: On whole line, as — to —; in Wisconsin, as — to —.	.....	.....
11. What is the rate of passenger per mile.....	2½c.	2½c.
12. Number of passengers carried one mile.....	85,656	85,656
13. Number of miles of operated road upon which above estimates are based.....	16	16

Pine River Valley & Stevens Point Railroad Company.

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road	\$619 65
2. Average operating expenses per train mile.....	49 6
3. Cost of maintaining track and bridges per mile.....	228 23
4. Cost of repairs of engines per mile run.....	04 5
5. Cost of engineers and firemen per mile run.....	06 5
6. Cost of oil and waste per mile run.....	00 064
7. Cost of fuel per mile run.....	03 7

EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings.....		\$17,116 70
Deduct operating expenses and taxes		9,994 52
Leaving net earnings.....		\$7,122 18
Amount of rentals paid	\$5 00	
Amount of interest paid.....	1,090 00	
Total of rents and interest.....	1,095 00	
Balance		\$6,027 18

EQUIPMENT.

	Owned.	Total.
Number of locomotives.....	1	1
Number of passenger cars		
Number of baggage, mail, and express cars.....	1	1
Number of parlor or sleeping cars		
Number of freight cars, basis of 8 wheels.....	12	12
Number of other cars		

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$703 74. By weight.

EXPRESS COMPANIES.

2. What express companies run on your road?
None.

Pine River Valley & Stevens Point Railroad Company.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
None.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this State, directly or indirectly, since your last report?
Exempt from fencing for ten years.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other State, since your last report?
No.
7. Have you acquired any lines in or out of this State, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies?
None.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
12. Have you made any reduction in such rates, from any station, since the passage of said chapter?
No.
13. Has your company any rule governing your Conductors, Engineers, Trainmen and Switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
To be discharged for drunkenness. *Is enforced.*

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company?
No.
2. Have any United States lands been granted your company?
No.

ACCIDENTS.

None.

Pine River Valley & Stevens Point Railroad Company.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number Killed.	Amount Paid.
1. Cattle.....	3	\$25 00
2. Horses.....		
3. Mules.....		
4. Sheep.....	1	3 00
5. Hogs.....		
6. Total.....	4	\$28 00

7. Amount claimed yet unsettled, or in litigation.
None.

STATE OF WISCONSIN — *County of Richland* — ss.

J. W. Lybrand, President, and Wm. H. Pier, Secretary of the Pine River Valley and Stevens Point Railroad Company being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,

{ SEAL }

J. W. LYBRAND, President.
WM. H. PIER, Secretary.

Subscribed and sworn to, before me, a notary public, this fifth day of November, A. D. 1879.

{ SEAL }

JAMES H. MINER,
Notary Public.

Wisconsin Central Railroad Company.

REPORT

OF

JOHN A. STEWART AND EDWIN H. ABBOT, TRUSTEES

OF THE

WISCONSIN CENTRAL RAILROAD CO.,

For the year ending September 30, 1879.

The trustees took possession of the entire corporate property on January 4, 1879, under their mortgage, and have subsequently operated, and are now operating the railroad. Figures covering business transactions for the period between September 30, 1878, and January 4, 1879, are made herein upon information furnished by the railroad company, and since that date the company has no report to make.

OFFICERS AND OFFICES OPERATING THE ROAD FOR THE TRUSTEES ARE AS FOLLOWS:

OFFICERS.	NAMES.	ADDRESS.
Trustee's Agent.....	C. L. Colby.....	Milwaukee, Wis.
General Manager.....	F. N. Finney.....	Milwaukee, Wis.
Auditor & G. T. A.....	James Barker.....	Milwaukee, Wis.
General Freight Agent..	T. H. Malone.....	Milwaukee, Wis.
Superintendent	C. F. Dutton.....	Milwaukee, Wis.
Superintendent	G. Campbell.....	Stevens Point, Wis.

1. General offices at Milwaukee, Wis.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
C. L. Colby	Milwaukee.	E. E. Barney	Dayton, Ohio.
E. H. Abbot.....	Cambr'ge, Mass	M. Wadleigh	Stevens Point.
Samuel Gould	Boston, Mass.	H. L. Palmer... ..	Milwaukee.
W. T. Glidden.....	Boston, Mass.	B. K. Miller.....	Milwaukee.
E. B. Phillips	Boston, Mass.		

Wisconsin Central Railroad Company.

2. Date of annual election of directors of Company, last Thursday in May.
 3. Name and address of person to whom correspondence concerning this report should be directed, Edwin H. Abbot, trustee.

COMBINED GENERAL EXHIBIT OF BUSINESS OF COMPANY
 AND TRUSTEES, .

For the year ending Sept. 30, 1879.

1. Total income	\$794,137 86
2. Operating expenses.....	478,836 96
3. Excess of income	315,300 90
4. Taxes (which deduct).....	3,078 95
Leaving	312,221 95
5. Rentals (specifying amount to each company)	
Mil. & Northern R. R.....	\$125,380 47
C. M. & St. Paul R. R.....	19,630 14
	<u>145,010 61</u>
8. Balance for the year Sept. 30, 1879. Surplus.....	<u>167,211 34</u>

CAPITAL STOCK OF COMPANY.

Capital stock authorized by charter.....	\$11,435,500 00
Proportionate amount of same for Wisconsin. Entire road is in Wisconsin.	
How many kinds of stock at date of last report? Two.	
Amount of common stock at date of last report	9,435,500 00
Proportionate amount of same for Wisconsin. All in Wisconsin.	
Amount of preferred stock at date of last report	2,000,000 00
Proportionate amount of same for Wisconsin. All in Wisconsin.	
Total capital stock at date of last report.....	<u>\$11,435,500 00</u>
Rate of preference. Preferred stock is entitled to a dividend of 7 per cent before the common stock receives any dividend.	
How much common stock has been issued since date of last report? None.	
For what purpose, and what was received therefor?	
How much preferred stock has been issued since date of last report? None.	
For what purpose, and what was received therefor?	
Total amount of stock now outstanding	<u>\$11,435,500 00</u>
Proportionate amount of same for Wisconsin. All in Wisconsin.	

Wisconsin Central Railroad Company.

FUNDED AND UNFUNDED DEBT OF THE COMPANY.

1. Describe specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Date of issue.	Rate of interest.	AMOUNT.
Land Grant, First Mortgage.....	July 1, '79	Gold 7 pct.	\$8,168,000
2. Total bonded indebtedness			\$8,168,000
Proportionate amount of above for Wisconsin.....			\$8,168,000
4. Amount per mile of road.....			25,000
5. No. of miles of road on which computations are made (on whole line) \$26.73.			

The railroad was received by the Company from the contractors on December 17, 1877, and all its bonds were issued in payment for completed road, at the rate of \$25,000.00 per mile.

IMMEDIATE LIABILITIES OF THE TRUSTEES.

1. Specify particularly, in what they consist:

Jas. C. Spencer, Receiver (rental).....	\$12,996 93
Bills audited (vouchers and pay rolls)....	67,911 55
Bills payable	17,470 16
Total.....	98,348 64

QUICK ASSETS OF THE TRUSTEES.

1. Specify particularly.

National Exchange Bank, } held under garnishee pro- Milwaukee..... } cess at suit of a bond- holder.....	5,219 68
U. S. Government (P. O. D.).....	6,699 08
Uncollected earnings	6,647 95
Sundry individual accounts.....	4,433 92
Jas. C. Spencer, receiver, (construction account)	639 35
Cash, (with cashier).....	9,073 46
Total.....	32,713 44

Wisconsin Central Railroad Company.

ANALYSIS OF EARNINGS.

1. From local passengers.....	\$180,558 54
2. through passengers (to and from other roads).....	21,756 82
3. express	8,064 27
4. mails	22,596 05
5. other sources, passenger department (sleeping cars)..	4,176 50
6. Total earnings from passenger department.....	237,152 18
7. local freight	} 552,405 55
8. through freight (to and from other roads) }	
9. other sources, freight department.....	4,580 13
10. Total earnings from freight department.....	556,985 68
11. Total transportation earnings.....	794,137 86
12. Rents for use of road. None.....	
13. Income from all other sources (specifying same) None...	
14. Total income from all sources.....	<u>794,137 86</u>
15. Proportionate amount for Wisconsin.....	<u>794,137 86</u>

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks (management and general office).....	\$50,685 30
2. Legal expenses.....	342 95
3. Insurance.....	1,222 22
4. Stationery and printing.....	
5. Outside agencies and advertising.....	4,436 72
6. Contingencies and miscellaneous.....	11,273 04
7. Repairs of bridges (including culverts and cattle guards)..	14,426 70
8. Repairs of buildings.....	6,075 00
9. Repairs of fences, road crossings, and signs.....	1,057 17
10. Renewal of rails	
[No. tons laid	1,834]
11. Renewal of ties	
[No. laid.....	163,152]
12. Repairs of road-bed and track.....	131,304 10
13. Repairs of locomotives.....	15,387 36
14. Fuel for locomotives and stations	48,399 29
15. Water supply.....	
16. Oil and waste	5,330 28
17. * Locomotive service, enginemen and firemen.....	43,998 64
18. Repairs of passenger cars.....	16,755 33
19. Passenger train service (see No. 23).....	
20. Passenger train supplies (see No. 31).....	
21. Mileage passenger cars (none).....	
22. Repairs of freight cars (including dump cars and tools) ..	26,359 06
23. Freight train service (including passenger train service)..	42,042 08
24. Freight train supplies (see No. 31).....	
25. † Mileage freight cars	618 95
26. Telegraph expenses.....	6,858 00
27. Loss and damage, freight and baggage.....	220 69
28. Loss and damage, property and cattle.....	953 49

*Salaries and wages.

†Debit balances.

Wisconsin Central Railroad Company.

29. Personal injuries	167 73
30. Agents and station service	43,232 98
31. Station supplies (train and station).....	7,789 98
32. Total operating expenses, being 60 4-10 per cent. of earnings	\$478,836 96
33. Taxes.....	3,078 95
34. Total operating expenses and taxes, being 60 8-10 per cent. of earnings	\$481,915 91

Proportionate amount for Wisconsin, made on a basis of miles of road All in Wisconsin.

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.

MONTHS.	Passeng- ers.	Freight.	Mails, Ex press and all sourc's	Total.
1878.				
October	\$18,603 25	\$55,488 29	\$3,758 46	\$77,850 00
November	18,063 30	47,853 56	3,298 49	69,215 35
December	16,524 42	47,536 34	3,423 71	69,484 47
1879.				
January	12,116 58	43,162 70	2,828 14	58,107 42
February	11,129 62	40,810 27	2,866 46	54,806 35
March.....	18,629 28	51,119 15	2,871 34	72,219 77
April.....	17,130 46	43,753 63	2,943 86	63,827 95
May.....	16,362 41	49,962 50	3,037 29	69,362 20
June.....	16,672 24	46,324 46	3,058 86	66,055 56
July.....	20,018 23	37,437 51	3,373 93	60,829 66
August.....	17,937 51	35,954 43	3,407 77	57,299 71
September	19,128 07	53,002 71	4,548 64	76,679 42
Totals	\$202,315 86	\$552,405 55	\$39,416 95	\$794,137 86

Wisconsin Central Railroad Company.

MONTHLY EXPENSES.

MONTHS.	Operating exp'nses and taxes.	Rentals.	Interest.	Total.	
1878.					
October.....	\$42,560 86	\$15,289 99	Not included.	\$57,850 85	
November.....	37,296 73	12,943 62		50,240 35	
December.....	38,516 46	10,250 73		48,767 19	
1879.					
January.....	34,526 45	10,653 05		45,179 50	
February.....	36,586 43	9,860 04		46,446 47	
March.....	41,435 99	13,070 90		54,506 89	
April.....	48,393 26	11,969 56		60,362 82	
May.....	44,267 65	12,972 48		57,240 13	
June.....	40,662 56	12,215 18		52,877 74	
July.....	35,260 11	10,867 65		46,127 76	
August.....	40,028 32	9,834 29		49,862 61	
September.....	42,381 09	15,083 12	57,464 21		
Totals.....	\$481,915 91	\$145,010 61		\$626,926 52	

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry.....	\$1,710 79
2. Bridging.....	195 00
3. Superstructure, including rails.....	609 36
4. Land, land damages and fences....	2,426 35
5. Passenger and freight stations, wood and coal sheds and water stations.....	} 963 42
6. Engine houses, car sheds and turn-tables.....	
7. Machine shops.....	
8. Engineering, agencies, salaries, and other expenses during construction.....	11,186 18
9. Purchase of other roads (specifying same):	
10. Total for construction.....	<u>\$17,091 10</u>
11. Locomotives [one].....	\$6,600 00
12. Parlor and sleeping cars [none].....	
13. Passenger, mail, and baggage cars [none].....	
14. Freight and other cars.....	<u>17,809 49</u>
15. Total for equipment.....	\$24,409 49
16. Other expenditures charged to property account (specifying same). Train, station, and track outfit, pile driver, exchange and interest.....	<u>6,130 22</u>
17. Total expenditures charged to property account.....	<u><u>\$47,630 81</u></u>

Wisconsin Central Railroad Company.

18. Property sold (or reduced in valuation on the books) and credited property accounts during the year (specifying same) .....	.....
19. Net addition to property account for the year.....	\$47,630 81
20. Proportionate amount for Wisconsin, made on a basis of miles of road. All in Wisconsin.	

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$19,775,392 57
2. Paid for construction during the year, as per construction account on page 10	17,091 10
3. Paid for equipment during the year, as per equipment account on page 10.....	30,539 71
4. Total expended for construction and equipment during the year ending Sept. 30, 1879	47,630 81
5. Total cost of entire line to date, Sept. 30, 1879....	\$19,823,023 38
6. Proportionate amount for Wisconsin.....	19,823,023 38

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters	5	\$1,484 00	\$7,420 00
Clerks in general offices.....	24	696 99	16,727 76
Agents, and clerks at all stations	100	432 33	43,232 88
Master and skilled mechanics.....	74	657 48	48,653 50
Helpers in shops.....	13	418 29	5,437 75
Conductors and brakemen.....	86	488 86	42,042 08
Engineers	30	902 32	27,069 60
Firemen and wipers.....	36	510 46	18,376 56
Brakemen (see conductors).....			
Flagmen, switchtenders, gatekeepers and watchmen.....	18	419 72	7,554 95
Section foremen	73	495 07	36,140 00
Section laborers	313	312 00	97,656 00
All other employes.....	35	526 63	18,432 00

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

The trustee took possession of the railroad on January 4, 1879, as before stated, and are now reorganizing the property. Their books do not furnish accounts for the general balance requested.

Wisconsin Central Railroad Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

NAME OF DIVISION OR BRANCH.	To.	From.	Wis.	Total Miles.
			Miles.	
Main line.....	Stevens Point..	Menasha	63.55	.....
Single track.....	Stevens Point..	Portage City ..	70.03	.....
	Ashland.....	Stevens Point..	186.34	319.92
Appleton Spur	Appleton.....	Menasha	5.	.....
(Less allowance for iron borrowed)	.....	.....	2.5	2.50
Menasha Spur.....	(At Menasha)..	1,860 feet.	.....	.....
Stevens Point	(East bank Wis. R.).....	8,160 feet.	.....	.....
Stevens Point	(West bank Wis. R.).....	8,790 feet.	.....	.....
Packwaukee	(On Buffalo L.)	3,945 feet.	.....	.....
		22,755 feet.	4.31	4.31
Leased lines—				
Milwaukee & Northern Railway.....				120
Chicago, Milwaukee & St. Paul Railway				9
				129
Length of single track owned				326.73
Sidings				17.90
Total miles of track owned, including second track and sidings				346.10
Total miles of track operated, including second track and sidings				475.10

Wisconsin Central Railroad Company.

PROPRIETARY AND LEASED LINES.

NAME OF DIVISION OR BRANCH.	From.	To.	Wiscons'n	Total Miles.
			Miles.	
Leased lines:				
Milwaukee & Northern Railway	Schwartzburg..	Menasha and Green Bay ..	120	120
C. M. & St. P. Ry., operated under contract	Milwaukee	Schwartzburg..	9	9
Total of leased lines			129	129
Total of lines owned, brought forward				346.10
Total of lines owned, and proprietary and leased lines ..				475.10
Aggregate length of tracks operated by this company, computed as single track			475.10	475.10
Aggregate length of sidings and other track not above enumerated				
Total			475.10	475.10
Number of junction stations, eight.				
What is the gauge of your lines? Four feet, eight and one-half inches.				

DOINGS OF THE YEAR IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains	388,490
2. Number miles run by freight and mixed trains.....	320,251
3. Number miles run by wood, gravel and construction trains	41,708
4. Mileage of switching trains.....	57,772
5. Total mileage.....	808,221
6. Proportion for Wisconsin. (Give per centage and miles)..	808,221

PASSENGERS CARRIED.

7. Total number of passengers carried.....	160,867
8. Total number of passengers carried one mile (south and eastward).....	2,829,812 ² / ₁₀
9. Total number of passengers carried one mile (north and westward)	3,219,551
10. Total number of passengers carried one mile	6,049,363 ² / ₁₀
11. Rate per passenger per mile on whole line.....	3 ³⁴ / ₁₀₀
12. Rate per passenger per mile in Wisconsin	3 ³⁴ / ₁₀₀
13. Average distance traveled by each passenger.....	37 ⁶⁰ / ₁₀₀

Wisconsin Central Railroad Company.

TONNAGE OF FREIGHTS CARRIED.

	TONS.	LBS.
1. Grain	31,186	26
2. Flour	10,457	1,006
3. Provisions	12,510	561
4. Salt, cement, water-lime and stucco.....	2,572	1,912
5. Manufactures, including agricultural imple- ments, furniture and wagons.....	12,641	1,624
6. Live stock .....(Number 22,916.....)	6,526	1,624
7. Lumber and forest products.....	151,127	1,055
8. Iron, lead, and mineral products.....	7,105	295
9. Stone, brick, lime, sand, etc.....	4,991	1,646
0. Coal	5,084	831
1. Merchandise and other articles.....	21,757	1,944
2. All other freights not above enumerated	33,395	1,240
13. Total freight in tons	299,357	1,764
13. Proportion for Wisconsin. All in Wisconsin		

15. Number of tons of freight carried, one mile.....	27,804,876.
16. Number of tons of freight carried (eastward) }	
17. Number of tons of freight carried (westward). }	
Do not keep them separate.	
18. Av. rate per ton per mile on all freights carried.....	01 ³⁸⁵ / ₁₀₀₀
19. Average rate per ton per mile on local freight.	
Do not keep them separate from other freight.	

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight.....	1,228 93
2. Earnings per mile of road on passengers.....	450 09
3. Earnings per mile of road on mails, express, and all other sources.....	87 69
4. Total earnings per mile.....	\$1,766 71
5. Net earnings per mile	\$694 59
6. Earnings per train mile run, on freight	1 73
7. Earnings per train mile run, on passengers.....	52
8. Earnings per train mile run, on mails, express and all other sources.....	09
9. Net earnings per train mile.....	40 ⁷⁰ / ₁₀₀
10. Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: On whole line, In Wisconsin, as 1 to to 2.35.	
11. What is the rate of passenger per mile on whole line and in Wisconsin.....	3 ³⁴⁴ / ₁₀₀₀
12. Give number of passengers carried one mile, on whole line and in Wisconsin.....	6,049,363 ²⁰ / ₁₀₀
13. Give number of miles of operated road upon which above estimates are based.....	449 ⁵⁰ / ₁₀₀

Wisconsin Central Railroad Company.

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road.....		\$1,072 12
2. Average operating expenses per train mile ...		62
3. Cost of maintaining track and bridges per mile.....	324	21
4. Cost of repairs of engines per mile run		01 ⁹ / ₁₀
5. Cost of engineers and firemen per mile run,		05 ⁴ / ₁₀
6. Cost of oil and waste per mile run		66 ⁶ / ₁₀₀
7. Cost of fuel per mile run.....		05 ¹ / ₁₀

EARNINGS AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings.....		\$794,137 86
Deduct operating expenses and taxes.....		481,915 91
Leaving net earnings.....		312,221 95
Amount of rentals paid ..	\$145,010 61	.....
Amount of interest paid.....	None.	.....
Total of rentals and interest.....	145,010 61	145,010 61
Balance		<u>167,211 34</u>

EQUIPMENT.

	Leased.	Owned.	Total.
Number of locomotives.....	10	15	25
Number of passenger-cars.....	9	4	13
Number of baggage, mail, and express cars.....	4	2	6
Number of parlor or sleeping cars	4	.....	4
Number of freight cars (basis of 8 wheels).....	273	354	627
Number of other cars —			
Business car, 1; pay car, 1; combination car, 1.		3	3
Caboose cars, 10; dump cars, 40	4	46	50

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$46 to \$58 per mile per year.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery, repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co. does all the express business and such miscellaneous freight as they can secure; they charge about 1½ first class freight rates. The Wisconsin Central R. R. agents at smaller stations are also agents for the express company. The American Express Co. pays the Wisconsin Central R. R. \$25 per day, with special rate for all excess above an average of 2,000 pounds daily.

Wisconsin Central Railroad Company.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what conditions as to rates, use of track, machinery, repairs, of cars, etc.? Do they use the cars of your company, or those furnished by themselves, and are their cars or their freight given any preference in speed or order of transportation, and if so, in what particular?
- None.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?
- The Wisconsin Central R. R. runs its own sleepers, with charge of \$1 to \$1.50 for lower double berth.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?
- No.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
- No.
7. Have you acquired any lines in or out of this state, by purchase, lease, consolidation or otherwise, since your last report? If yes, give full particulars relating thereto, including length of line, location thereof, at what point or place connection is made with old line; terms of purchase or lease, and brief statement of reasons for making such purchase or lease, and whether made by consent of stockholders?
- None.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
- None.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
- None.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
- No change since date of last report.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
- No advance in rates.
12. Have you made any reduction in such rates, from any stations, since the passage of said chapter?
- If you answer either of the questions 11 and 12, in the affirmative, annex to your reply schedules, naming the stations, with distance and rates in force at the time, and since the passage of said chapter, on 1st, 2d, 3d and 4th class of freight, and upon flour, grain, live stock, agricultural implements, salt and coal.
- There have been general reductions, it is difficult to specify them.
13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquor? If so, what is it, and is it enforced?
- Rule No. 2 of our book of instructions reads: "The use of intoxicating liquor of any kind by an employe, is detrimental to himself and the interests of the company, and only those who abstain from its use will be employed." This rule is rigidly enforced.

Wisconsin Central Railroad Company.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company since the date of your last report? If so, how many acres?
No.
2. Have any United States lands been granted to your company, directly or indirectly, since the date of your last report? What number of acres received by your company, directly or indirectly, since date of last report.
No.
3. What number of acres sold and conveyed since date of your last report. 12,379.87
4. Average price, per acre, realized \$2 71
5. Number of acres now held by company 521,119.79
6. Average price asked for lands now held by company, estimated at \$2 00
7. Amount of land sold, but not conveyed, under contracts now in force 15,015.11
8. The whole amount of cash, principal and interest, received for lands hitherto sold and conveyed, since date of last report. \$3,995 03
9. Whole amount of cash received, principal and interest, on outstanding contracts in force, since date of last report. 9,061 00
10. Whole amount of cash received, principal, and interest, on contracts forfeited, since date of last report?
\$247.05.
11. Whole amount of cash received for stumpage, trespasses, &c., since date of last report?
\$8,821.25.
12. What have been your total receipts from lands sold, and contracted to be sold, since the date of last report?
\$26,004.63.
13. What is the aggregate sum of receipts on account of lands, from all sources whatever, up to the present time?
\$296,342.40.
14. What is the amount now due the Company on lands sold, or contracted to be sold?
\$30,839.46.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
None.
2. Amount of city, county and town aid granted to Company in exchange for stock, or otherwise? Specify particulars since date of last report, giving particularly the town, village or city, together with the amount?
None.

Wisconsin Central Railroad Company.

ACCIDENTS.

STATEMENT OF EACH ACCIDENT.			EMPLOYEES		OTHERS.	
Give name of person, date, and place of accident.			From causes beyond their control.		By their own misconduct or want of caution.	
NAME.	DATE.	PLACE.	Kill	Inj.	Kill	Inj.
Louis Lincoln	Oct. 12, 1878	Aubnrndale			1	
P. Gessert	Nov. 7, 1878	Plymouth	1			
Andrew Shavofinsky.....	Oct. 23, 1878	Penokee	1			
J. Schultz	Oct. 10, 1878	Phillips	1			
A. Mickeljohn	Nov. 20, 1878	Medina.....	1			
John Given.....	Nov. 20, 1878	Liberty Bluff			1	
Oliver Stalker	Dec. 21, 1878	Packwaukee.....	1			
Owen Fenton	Dec. 31, 1878	Medford	1			
Hiland Butterfield	Oct. 26, 1878	Steven's Point	1			
M. M. Townsend.....	Jan. 30, 1879	Chelsea	1			
Thos. Whalen.....	Feb. 14, 1879	Steven's Point.....	1			
H. Haroun	Fed. 13, 1879	Buena Vista.....	1			
W. G. French.....	Mch. 26, 1879	Phillips	1			
Geo. McKnight	April 3, 1879	Steven's Point.....	1			
Frank Devlin.....	April 9, 1879	Westfield	1			
Fred Maxson	May 3, 1879	Phillips	1			
S. F. Robinson.....	June 20, 1879	Plymouth		1		
S. A. Nichols	June 27, 1879	Hilbert.....	1			
Frank Clark	July 8, 1879	Milwaukee				1
Robert Slattery	July 7, 1879	Flambeau B'dg.....				1
Thos. Whalen.....	July 8, 1879	Whittlesey		1		
Adrian Vanoss.....	July 17, 1879	Lathams	1			
W. H. Cooper.....	July 16, 1879	Colby	1			
Andrew Ostroski.....	July 9, 1879	Sand Point	1			
Edward McCrary	July 19, 1879	S. Milwaukee	1			
M. Danks.....	Aug. 30, 1879	Silver Creek.....	1			
Olney Olcson	Aug. 30, 1879	White River.....	1			
Owen Fenton.....	Sept. 28, 1879	Chilton	1			
Edward O'Brien	Sept. 28, 1879	Chilton	1			
W. Rice	Sept. 12, 1879	Hilbert.....	1			
J. Benedict	Sept. 3, 1879	Schwartzburg	1			
Totals on whole line.....			31	26	2	2

Totals for Wisconsin All in Wisconsin

1. Of the above accidents, those numbered as follows were caused by broken rails:

Total No. None.

2. Of the above accidents those numbered as follows were caused by INATTENTION OF EMPLOYEES:

Total No. None.

Wisconsin Central Railroad Company.

- 3. Of the above accidents those numbered as follows were caused by COLLISIONS, not properly coming under 2: Total No. None.
- 4. Of the above accidents those numbered as follows were caused by explosions: Total No. None.
- 5. Amount paid as damages caused by fire from locomotives. None.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number killed.	Amount Paid.
1. Cattle.....	37	.....
2. Horses.....	5	.....
3. Mules.....	.....	.....
4. Sheep.....	2	.....
5. Hogs.....	.....	.....
6. Total.....	44	*\$1, 579 50

7. Amount claimed yet unsettled, or in litigation.

STATE OF WISCONSIN — *County of Milwaukee* — ss.

Edwin H. Abbot in behalf of John A. Stewart, and Edwin H. Abbot, Trustees in possession of the Wisconsin Central Railroad, being duly sworn deposes and says, that he has caused the foregoing statements to be prepared by their proper officers and agents, and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said railroad, on the first day of October, A. D. 1879, to the best of his knowledge and belief.

} SEAL. }

Signed,

EDWIN H. ABBOT.

Subscribed and sworn to before me K. Kent Kennan a Notary Public this 26th day of November, A. D. 1879.

} SEAL. }

K. KENT KENNAN,
Notary Public, Milwaukee Co., Wis.

* This is the number of animals killed during the year, but the amount \$1,579 50 represents what was paid during the year for stock killed prior to, as well as, during the year.

Milwaukee & Northern Railway Company.

REPORT
OF THE
MILWAUKEE & NORTHERN RAILWAY COMPANY,

For the year ending September 30, 1879.

Receiver, James C. Spencer, Milwaukee.

Receiver appointed May 5th, 1879, and road leased to the trustees of the Wisconsin Central Railroad.

No active organization of the company has been kept up for a number of years.

Jesse Hoyt, of New York, late president; Angus Smith, of Milwaukee, late vice-president; and Wm. Taintor, of Milwaukee, late secretary and treasurer.

1. General offices at Milwaukee, Wis.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income for five months	\$151,143 67
2. Operating expenses as per lease.....	98,799 97
3. Excess of income	52,343 70
4. Taxes paid by lease.....	None.
6. Interest accrued during year.	
On funded debt.....	\$169,240 00
On other debt	Unknown.
7. Dividends declared.....	None.

CAPITAL STOCK.

Company was insolvent and stock valueless; road in process of foreclosure.

FUNDED AND UNFUNDED DEBT OF THE COMPANY.

1. Describe specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and When Pay'le.	Date of issue.	Rate of interest.	AMOUNT.
Milwaukee & Northern, First Mortgage	New York...	Dec. 1, 1870	8 pct.	\$2,155,000 00
2. Total bonded indebtedness				\$2,155,000 00
Proportionate amount of above for Wisconsin.....				\$2,155,000 00
4. Amount per mile of road				18,000 00
5. No. of miles of road on which computations are made (on whole line) ..				119.7
6. Same for Wisconsin.....				119.7

Milwaukee & Northern Railway Company.

7. Net cash realized from sale of bonds.
Unknown.
8. Amount of unfunded and floating debt.
Unknown.
9. Aggregate of capital stock; funded and unfunded debt.
10. Proportionate amount for Wisconsin.
11. Amount of funded and unfunded debt per mile.
Unknown.

ANALYSIS OF EARNINGS.

Included in report of Wisconsin Central Railroad.

ANALYSIS OF EXPENSES.

Included in report of Wisconsin Central Railroad.

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING JUNE 30, 1879.

MONTHS.	Passengers.	Freight.	Mail, expr's and all othr sourc's	Total.
1879.				
May	\$6,123 06	\$25,342 96	\$1,083 57	\$32,549 59
June	7,204 30	22,962 31	831 55	30,998 16
July	8,330 46	17,893 93	960 95	27,185 34
August	7,407 36	16,687 77	850 51	24,945 64
September	7,767 35	26,765 31	932 28	35,464 94
Totals	\$36,832 53	\$109,652 28	\$4,658 86	\$151,143 67

MONTHLY EXPENSES.

<i>Months.</i>	<i>Operating expenses.</i>
1879.	
May	\$21,359 43
June	20,511 46
July	17,906 49
August	16,524 58
September	22,498 01
Total	<u>\$98,799 97</u>

Milwaukee & Northern Railway Company.

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.
1. Division, assistant superintendents and roadmasters:		
Clerks in general offices	2	\$950 00
All other employes	1	720 00

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	To	From	Wis'sin Miles.	Total Miles.
Main line:	Green Bay. ...	Schwartzburg	104	.....
Divisions or branches	Menasha	Hilbbert	15.7	.....
Miles of single track				119.7
Sidings			9.8	.....
Total miles of track owned, including sidings				129.5

Number of junction stations. Four.

What is the gauge of your lines? Four feet eight and one-fourth inches.

DOINGS OF THE YEAR IN TRANSPORTATION.

Included in report of Wisconsin Central.

EARNINGS AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings.....		\$151, 143 67
Deduct operating expenses		97, 799 97
Leaving net earnings.....		52, 343 70
Amount of rentals paid ..	None.	.....
Amount of interest paid.....	None.	.....
Dividends paid, viz.:		
On preferred stock, — per cent	None.	.....
On common stock, — per cent.....	None.	.....

Milwaukee & Northern Railway Company.

EQUIPMENT.

Number of locomotives	9
Number of passenger-cars.....	9
Number of baggage, mail, and express cars.....	4
Number of parlor or sleeping cars	None.
Number of freight cars (basis of 8 wheels).....	259
Number of other cars (caboose cars)	4

STATE OF WISCONSIN — *County of Milwaukee* — ss.

I, James C. Speucer, Receiver of the Milwaukee and Northern Railway Company being duly sworn, depose and say, that I have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of my knowledge and belief.

{ SEAL }

Signed,

J. C. SPENCER,

Subscribed and sworn to, before me, Frank M. Hoyt a notary public, this 29th day of November, A. D. 1879.

{ SEAL }

FRANK M. HOYT,
Notary Public, Milwaukee Co., Wis.

Prairie du Chien & McGregor Railway Company.

REPORT

OF THE

PRAIRIE DU CHIEN & M'GREGOR RAILWAY COMPANY,

For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President	John Lawler.....	Prairie du Chien...
Secretary and Treasurer	J. D. Lawler.....	Prairie du Chien...

1. General offices at Prairie du Chien, Wis.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
John Lawler	Prairie du Ch'n	James Lawler	Prairie du Ch'n
J. D. Lawler.....	Prairie du Ch'n	S. E. Farnham.....	Prairie du Ch'n
Thos. C. Lawler	Prairie du Ch'n		

2. Date of annual election of directors, November 9.

3. Name and address of person to whom correspondence concerning this report should be directed.

J. D. Lawler.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPTEMBER 30, 1879

1. Total income	\$49,107 00
2. Operating expenses.....	22,680 00
3. Excess of income.....	26,427 00
4. Taxes.....	1,108 02
5. Rentals (specifying amount to each company)	None
6. Interest accrued during the year.....	None
7. Dividends declared	
On preferred stock.....	
On common stock	
8. Balance for the year, September 30, 1879, (surplus)	\$25,318 98

Prairie du Chien & McGregor Railway Company.

CAPITAL STOCK.

Capital stock authorized by charter	\$100,000 00
Proportionate amount of same for Wisconsin.....	87,500 00

How many kinds of stock at date of last report? But one, and since then there has been no change, either in kinds of stocks or amount.

FUNDED AND UNFUNDED DEBT, None.

STATEMENT OF FLOATING OR UNSECURED DEBT.

Immediate liabilities. None.
Quick assets. None.

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPTEMBER 30, 1879.

<i>Months.</i> 1878.	<i>Total.</i>
October.....	\$3,682 00
November.....	4,623 00
December.....	4,763 50
1879.	
January.....	4,203 50
February.....	3,321 50
March.....	3,167 50
April.....	3,570 00
May.....	5,385 00
June.....	4,513 00
July.....	4,010 50
August.....	3,811 00
September.....	4,056 50
Totals.....	\$49,107 00
Proportion for Wisconsin $\frac{1}{8}$	\$42,968 62

EXPENSES.

Totals.....	\$23,788 02
Proportion for Wisconsin $\frac{1}{8}$	20,814 52

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$100,000 00
2. Paid for construction during the year, as per construction account on page 10. Charged in operating expenses.	
3. Paid for equipment during the year, as per equipment account on page 10. Charged in operating expenses.	
4. Total expended for construction and equipment during the year ending Sept. 30, 1879. Charged in operating expenses.	
5. Total cost of entire line to date, Sept. 30, 1879.....	\$100,000 00
6. Proportionate amount for Wisconsin	\$87,500 00

Prairie du Chien & McGregor Railway Company.

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.
1. Division, assistant superintendents and roadmasters	1	\$1,200 00
Clerks in general offices	1	1,200 00
Agents and clerks at all stations		
Master, and skilled mechanics		
Helpers in shops		
Conductors	1	1,200 00
Engineers	6	900 00
Firemen and wipers	4	600 00
Brakemen	4	600 00
Flagmen, switchtenders, gatekeepers and watchmen	4	600 00
Section foremen } Employed of C. M. & St. Paul		
Section laborers } Ry Co.		
All other employes		

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Cost of bridge	\$100,000 00	Capital Stock	\$100,000 00

STATE OF WISCONSIN — *County of Crawford* — ss.

J. T. Lawler, secretary and treasurer of the *Prairie du Chien & McGregor Railway Company*, being duly sworn, depose and say, he has have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of his knowledge and belief.

Signed,

{ SEAL }

J. D. LAWLER,
Sec'y & Treas.

Subscribed and sworn to, before me, L. F. S. Viele, this twenty-second day of October, A. D. 1879.

{ SEAL }

L. F. S. VIELE,
Notary Public.

Green Bay & Minnesota Railroad Company.

REPORT
OF THE
GREEN BAY AND MINNESOTA RAILROAD COMPANY,
TIMOTHY CASE, RECEIVER.

For the Year Ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	Names.	Address.
Receiver and Gen'l Manager.	Timothy Case.....	Green Bay, Wis.
President.....	E. F. Hatfield, Jr ..	New York City.
Secretary.....	N. W. H. Hicks....	New York City.

ORGANIZATION UNDER THE RECEIVER.

Counsel and Ass't Receiver.	Theo. G. Case.....	Green Bay, Wis.
Cashier and Paymaster.....	W. R. Hancock	Green Bay, Wis.
Ass't General Freight Agent.	J. A. Munroe	Green Bay, Wis.
Ass't General Ticket Agent..	Robert F. Nathan..	Green Bay, Wis.
Auditor and Purchaser.....	Munson T. Case....	Green Bay, Wis.

1. General offices at Green Bay, Wisconsin.

NAMES OF DI- RECTORS.	Residence.	NAMES OF DI- RECTORS.	Residence.
Wm. E. Dodge ...	New York City..	Benj. G. Clark...	Jersey City, N. J.
Moses Taylor.....	New York City..	E. F. Hatfield....	New York City.
Samuel Sloan	New York City..	W. J. Abrams ...	Green Bay.
John I. Blair	Blairstown, N. J.	R. B. Kellogg ...	Green Bay.
Perry R. Pyne....	New York City..		

The Board of Directors, Executive Committee.

2. Date of annual election of directors.
First Monday in April.
3. Name and address of person to whom correspondence concerning this report should be directed.
Timothy Case, Receiver, Green Bay, Wis.

Green Bay & Minnesota Railroad Company.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPTEMBER 30, 1879.

1. Total income.....	\$348,690 26
2. Operating expenses.....	202,756 65
3. Excess of income.....	\$145,933 61
4. Taxes.....	1,222 85
5. Rentals (specifying amount to each company) C. & N. W. R'y, and dockage at Green Bay.....	20,266 31
6. Interest accrued during the year. Nothing.	
7. Dividends declared. None.	
8. Balance for the year, September 30, 1879.....	\$124,444 45

CAPITAL STOCK.

Capital stock authorized by charter	\$8,000,000 00
How many kinds of stock at date of last report? One.	
Amount of common stock at date of last report	7,995,900 00
Total capital stock at date of last report.....	\$7,995,900 00
How much stock has been issued since date of last report? None.	
Total amount of stock now outstanding	\$7,995,900 00
Amount of stock per mile of road (exclusive of sidings)....	\$36,544 33

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest	AMOUNT.
First mortgage bonds.....	New York, Aug 1, 1890.	Aug 1, 1870	Gold 7 Pr. c.	\$3,200,000 00
Second mortgage.....	New York, Nov 1, 1893.	Sep. 1, 1873.	8 Pr. c. Curr.	779,860 00
2. Total bonded indebtedness				3,979,860 00
4. Amount per mile of road.....				18,189 47
5. No. of miles of road on which computations are made (on whole line). 218.8				

Green Bay & Minnesota Railroad Company.

7. Net cash realized from sale of bonds	2,967,480 00
8. Amount of unfunded and floating debt	1,710,616 51
9. Aggregate of capital stock; funded and unfunded debt ..	13,686,376 51
11. Amount of funded and unfunded debt per mile	26,053 37

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify, particularly, in what they consist:
None.
2. Proportionate amount for Wisconsin.....

QUICK ASSETS.

1. Specify particularly:	
Cash	\$48,039 75
Total.....	<u>\$48,039 75</u>

ANALYSIS OF EARNINGS.

1. From local passengers	}	\$79,843 98
2. From through passengers (to and from other roads).....		
3. From express and extra baggage		1,687 16
4. From mails		11,253 32
5. From other sources, passenger department.....		.....
6. Total earnings from passenger department		<u>92,784 46</u>
7. From local freight	}	244,198 79
8. From through freight (to and from other roads).....		
9. From other sources, freight department.....		6,982 03
10. Total earnings from freight department.....		<u>251,180 82</u>
11. Total transportation earnings		\$343,965 28
12. Rents for use of road		4,724 98
13. Total income from all sources		<u><u>348,690 26</u></u>

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks.....	\$10,459 20
2. Legal expenses.....	1,483 75
3. Insurance.....	868 00
4. Stationery and printing.....	2,125 37
5. Outside agencies and advertising.....	702 87
6. Contingencies and miscellaneous.....	2,779 78
7. Repairs of bridges (including culverts and cattle guards)..	8,318 11
8. Repairs of buildings.....	1,473 42
9. Repairs of fences, road crossings, and signs.....	318 00
10. Renewal of rails	26,963 11
[No. tons laid	642]
11. Renewal of ties	12,251 72
[No. laid.....	87,866]
12. Repairs of road-bed and track.....	38,287 53
13. Repairs of locomotives.....	7,227 53

Green Bay & Minnesota Railroad Company.

14. Fuel for locomotives	20,300 33
15. Fuel and lights in cars and stations.....	2,442 71
16. Oil and waste	2,116 07
17. * Locomotive service.....	14,938 48
18. Repairs of passenger cars and freight cars.....	12,427 98
19. * Passenger train service.....	6,060 00
20. Passenger train supplies (no record).....	.....
21. † Mileage passenger cars (nothing).....	.....
22. Repairs of machinery and tools.....	2,336 10
23. * Freight train service.....	6,774 92
24. Freight train supplies (no record) .....	.....
25. † Mileage freight cars (nothing).....	.....
26. Telegraph expenses.....	210 00
27. Loss and damage, freight and baggage.....	} 1,156 56
28. Loss and damage, property and cattle.....	
29. Personal injuries.....	25 00
30. * Agents and station service	20,445 29
31. Station supplies	264 82
<hr/>	
32. Total operating expenses, being 63.9 per cent. of earnings, rentals and terminal facilities.....	\$20,266 31
33. Taxes.....	1,222 85
<hr/>	
34. Total operating expenses and taxes, being 64.3 per cent. of earnings.....	<u>\$224,245 81</u>

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR ENDING SEPT. 30, 1879.

MONTHS.	Passeng-ers.	Freight.	Mails, Ex-press and all source's.	Total.
1878.				
October	\$7,955 73	\$33,049 29	\$720 80	\$41,725 82
November	8,142 30	25,879 76	951 42	34,973 48
December	6,652 56	20,352 89	3,837 92	30,843 37
1879.				
January	4,181 28	16,706 74	659 24	21,547 26
February	3,362 71	14,605 04	571 81	18,539 56
March.....	7,612 39	15,347 70	3,291 83	26,251 92
April.....	7,242,65	15,769 04	2,448 57	25,455 26
May.....	6,451 48	21,837 93	916 55	29,205 96
June.....	5,883 18	18,229 49	3,967 16	28,079 83
July.....	7,926 82	17,611 84	1,010 27	26,548 93
August.....	7,460 96	16,132 72	978 88	24,572 56
September	6,971 92	28,676 35	5,298 04	40,946 31
Totals	\$79,843 98	\$244,198 79	\$24,647 49	\$348,690 26

*Salaries and wages.

†Debit balances.

Green Bay & Minnesota Railroad Company.

MONTHLY EXPENSES.

Months.	Operating Expenses and Taxes.	Rentals.	Total.
1878.			
October	\$17,124 31	\$1,097 11	\$18,221 42
November	19,395 95	1,558 98	20,954 93
December	15,334 13	1,785 73	17,119 86
1879.			
January	15,509 73	1,595 05	17,104 78
February	12,624 42	1,447 34	14,071 76
March	14,057 72	1,479 35	15,537 07
April	16,319 78	1,545 33	17,865 11
May	19,201 47	1,761 08	20,962 55
June	17,519 76	1,779 11	19,298 87
July	18,370 64	2,334 20	20,704 84
August	20,206 16	1,800 83	22,006 99
September	18,892 97	1,504 66	20,397 63
Total	\$204,557 04	\$19,688 77	\$224,245 81

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry	\$133 00
2. Bridging	1,220 15
3. Superstructure, including rails	20,950 23
4. Land, land damages and fences and right of way	1,063 86
5. Passenger and freight stations, wood and coal sheds and water stations	1,063 86
6. Engine houses, car sheds and turn-tables	1,063 86
7. Machine shops	1,063 86
8. Engineering, agencies, salaries, and other expenses during construction	1,063 86
9. Purchase of other roads (specifying same): Other items	1,658 94
10. Total for construction	14,724 51
11. Locomotives [two]	14,724 51
12. Parlor and sleeping cars [none]	14,724 51
13. Passenger, mail, and baggage cars [none]	14,724 51
14. Freight and other cars [36]	8,935 59
15. Total for equipment	14,724 51
16. Other expenditures charged to property account (specifying same): Steam elevator	5,078 17
Air brakes and patent platforms	2,000 06
Machinery and tools	850 89
17. Total expenditures charged to property account	\$56,615 40

Green Bay & Minnesota Railroad Company.

8. Property sold (or reduced in valuation on the books) and credited property accounts during the year (specifying same)	
19. Net addition to property account for the year.....	\$56,615 40

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$12,297,805 44
2. Paid for construction during the year, as per construction account on page 10	25,026 18
3. Paid for equipment during the year, as per equipment account on page 10.....	31,589 22
4. Total expended for construction and equipment during the year ending Sept. 30, 1879	56,615 40
5. Total cost of entire line to date, Sept. 30, 1879....	\$12,354,420 84

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.
1. Division, assistant superintendents and roadmasters	1	\$1,200 00
Clerks in general offices		
Agents, and clerks at all stations.....	40	511 13
Master and skilled mechanics.....	4	725 00
Helpers in shops.....	18	500 00
Conductors	8	700 00
Engineers	10	840 00
Firemen and wipers.....	15	390 00
Brakemen	18	420 00
Flagmen, switchtenders, gatekeepers and watchmen	2	360 00
Section foremen.....	35	420 00
Section laborers.....	67	320 00
All other employes	44	375 86

Green Bay & Minnesota Railroad Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

NAME OF DIVISION OR BRANCH.	From.	To.	Miles, Wis.
Main line	Green Bay	Marshland	209.3
Divisions or branches:	Marshland	Eastmoor	3.0
	La Crosse	Onalaska	6.5
Length of single track owned			218.8
Sidings			13.0
Total miles of track owned, including second track and sidings			231.8
Trackage over C. & N. W. R'y from Marshland to Onalaska			23.2
Trackage over C. & N. W. R'y from Marshland to Winona			4.6
Total of trackage leased			27.8
Total of lines "owned,"			231.8
Total operated			259.6

DOINGS OF THE YEAR IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains	169,481
2. Number miles run by freight and mixed trains	156,837
3. Number miles run by wood, gravel and construction trains	12,025
4. Mileage of switching trains	17,650
5. Total mileage	355,993

PASSENGERS CARRIED.

7. Total number of passengers carried	60,744
10. Total number of passengers carried one mile	2,449,145
11. Rate per passenger per mile on whole line	4cts.
13. Average distance traveled by each passenger	40 $\frac{3}{10}$

Green Bay & Minnesota Railroad Company.

TONNAGE OF FREIGHTS CARRIED.

	TONS.	LBS.
1. Grain	25,951	180
2. Flour	5,691	1,730
3. Provisions	1,322	1,050
4. Salt, cement, water-lime and stucco.....	1,615	1,710
5. Manufactures, including agricultural imple- ments, furniture and wagons.....	2,254	1,450
6. Live stock	1,504	1,000
7. Lumber and forest products.....	65,420	1,410
8. Iron, lead, and mineral products.....	445	1,150
9. Stone, brick, lime, sand, etc.....	1,021	1,200
10. Coal	2,415	1,400
11. Merchandise and other articles.....	8,259	420
12. All other freights not above enumerated		
13. Total freight in tons	115,903	700

15. Number of tons of freight carried, one mile. 16,555,882.
 18. Av. rate per ton per mile on all freights carried..... .0147
 19. Average rate per ton per mile on local freight. No record.

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight	\$1,002 46
2. Earnings per mile of road on passengers.....	327 76
3. Earnings per mile of road on mails, express, and all other sources.....	101 18
4. Total earnings per mile.....	\$1,431 40
5. Net earnings per mile	\$510 84
6. Earnings per train mile run, on freight	1 42 ⁹ / ₁₀
7. Earnings per train mile run, on passengers.....	47 ¹ / ₁₀
8. Earnings per train mile run, on mails, express and all other sources	14 ¹ / ₂
9 Net earnings per train mile.....	34 ⁹ / ₁₀
10 Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: On whole line, In Wisconsin, as 36.94 to 100.	
11. What is the rate of passenger per mile on whole line and in Wisconsin.....	4cts.
12. Give number of passengers carried one mile	2,449,145
13. Give number of miles of operated road upon which above above estimates are based.....	258 ⁶ / ₁₀

Green Bay & Minnesota Railroad Company.

MISCELLANEOUS OPERATING EXPENSES, STATISTICS.

1. Average operating expenses per mile of road.....	\$867 23
2. Average operating expenses per train mile.....	63
3. Cost of maintaining track and bridges per mile.....	180 22
4. Cost of repairs on engines per mile run	02.03
5. Cost of engineers and firemen per mile run.....	04.2
6. Cost of oil and waste per mile run.....	00.59
7. Cost of fuel per mile run.....	05.7

EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

(See answers on page 2, under General Exhibit.)

EQUIPMENT.

Number of locomotives	18
Number of passenger cars.....	12
Number of baggage, mail, and express cars	4
Number of parlor and sleeping cars .....	.....
Number of freight cars (basis of 8 wheels)	530
Number of other cars	4

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$50 per mile. Service, 6 times per week.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery, repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American Express Company. \$1.16 per 100 pounds in freight, averaged as carried over whole length of road. General express business.
At depots.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what terms, and on what conditions as to rates, use of track, machinery, repairs of cars, etc. Do they use the cars of your company, or those furnished by themselves, and are their cars or their freight given any preference in speed or order of transportation, and if so, in what particular?
None.

Green Bay & Minnesota Railroad Company.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this State, directly or indirectly, since your last report?
No.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other State, since your last report?
No.
7. Have you acquired any lines in or out of this State, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
Nothing new.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
12. Have you made any reduction in such rates, from any station, since the passage of said chapter?
13. Has your company any rule governing your Conductors, Engineers, Trainmen and Switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
Yes.

LANDS RECEIVED AND SOLD, ETC.

1. Have any lands been granted your company?
No.

ACCIDENTS.

None.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number Killed.	Amount Paid.
1. Cattle.....	51	.....
2. Horses.....	6	.....
3. Mules.....	.....	.....
4. Sheep.....	3	.....
5. Hogs.....	7	.....
6. Total.....	67	\$1046 00

Green Bay & Minnesota Railroad Company.

STATE OF WISCONSIN — *County of Brown* — ss.

Timothy Case, Receiver, and W. R. Hancock, Cashier for the Receiver of the Green Bay and Minnesota Railroad Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,

{ SEAL. }

TIMOTHY CASE, *Receiver.*
W. R. HANCOCK, *Cashier.*

Subscribed and sworn to, before me, C. D. Suydam, this 27th day of November, A. D. 1879.

{ SEAL. }

C. D. SUYDAM,
Notary Public, Brown Co., Wis.

Chicago & Northwestern Railway Company.

REPORT

OF THE

CHICAGO & NORTHWESTERN RAILWAY COMPANY,

For the Year Ending, September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President.....	Albert Keep.....	Chicago.
Vice. President, Secretary and Treas..	M. L. Sykes.....	New York.
Ass't Secretary and Ass't Treasurer..	S. O. Howe.....	New York.
Gen. Manager and Gen. Supt.....	Marvin Hughitt.....	Chicago.
Assist. Gen. Superintendent.....	C. C. Wheeler.....	Chicago.
Chief Engineer.....	E. H. Johnson.....	Chicago.
General Solicitor.....	B. C. Cook.....	Chicago.
Local Treasurer.....	M. M. Kirkman.....	Chicago.
General Freight Agent.....	H. C. Wicker.....	Chicago.
Purchasing Agent.....	R. W. Hamer.....	Chicago.
General Ticket Agent.....	W. A. Thrall.....	Chicago.
General Passenger Agent.....	W. H. Steunett.....	Chicago.
Assistant Secretary.....	J. B. Redfield.....	Chicago.
Land Commissioner.....	Charles E. Simmons...	Chicago.

1. General Offices at Chicago, Ill.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
A. G. Dulman.....	New York.	Augustus Schell.....	New York.
David Dows.....	New York.	Samuel F. Barger....	New York.
R. P. Flower.....	New York.	Chauncey M. Depew..	New York.
Jay Gould.....	New York.	D. P. Morgan.....	New York.
Sidney Dillon.....	New York.	M. L. Sykes.....	New York.
Frank Work.....	New York.	John M. Burke.....	New York.
C. J. Osborn.....	New York.	Wm. L. Scott.....	Erie.
David Jones.....	New York.	Albert Keep.....	Chicago.
Marvin Hughitt.....	Chicago.		

Chicago & Northwestern Railway Company.

EXECUTIVE COMMITTEE.

WM. L. SCOTT,
A. G. DULMAN,
DAVID DOWS,

ALBERT KEEP,

AUGUSTUS SCHELL,
SAMUEL F. BARGER,
FRANK WORK.

-
2. Date of Annual Election of Directors, first Thursday in June.
 3. Name and address of person to whom correspondence concerning this report should be directed, B. C. Cook, General Solicitor, Chicago.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income.....		14,194,168 31
2. Operating expenses		6,213,190 57
3. Excess of income		7,980,977 74
4. Taxes.....		328,912 96
5. Rentals (specifying amount to each Company).....		1,277,330 57
Chicago, Iowa and Nebraska R. R.....	\$522,191 78	
C. Rapids and Mo. R. R. R.....	730,768 55	
Maple River R. R.....	24,370 24	
Interest accrued during the year.....		2,290,047 57
7. Dividends declared.....		2,482,510 00
On preferred stock.....	\$1,883,210 00	
On common stock	599,300 00	
8. Sinking funds		83,120 00
Deficit in accounts of roads controlled.....		946,319 82
9. *Balance for the year — September 30, 1879.....		572,736 82

CAPITAL STOCK.

Capital stock authorized by charter.

No fixed amount.

How many kinds of stock at date of last report?

Two.

Amount of common stock and scrip at date of last report... \$15,109,655 97
Proportionate amount of same for Wisconsin..... 6,267,968 07
Amount of preferred stock and scrip at date of last report... 21,702,844 56
Proportionate amount of same for Wisconsin..... 9,003,033 35

Total capital stock and scrip at date of last report \$36,812,500 53

Rate of preference; 7 per cent.

How much common stock has been issued since date of last report?.....

None.

How much preferred stock has been issued since date of last report.

None.

Total amount of stock now outstanding..... \$36,812,500 53

Proportion amount of same for Wisconsin

Amount of stock per mile of road (exclusive of sidings)..... 15,470,310 82

30,683.43

* State whether surplus or deficit.

Chicago & Northwestern Railway Company.

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and when Payable.	Date of Issue.	Rate of Interest.	Amount.
Pref. Sinking Fund...	N. Y., Aug. 1, '85	July 1, '59	7 per ct.	\$972,200 00
Funded Coupons.....	N. Y., Nov. 1, '83	Aug. 1, '61	7 per ct.	676,400 00
General First Mortg'e	N. Y., Aug. 1, '85	July 1, '59	7 per ct.	3,440,400 00
Appleton Extension..	N. Y., Aug. 1, '85	Nov. 1, '60	7 per ct.	116,000 00
Green Bay Extension.	N. Y., Aug. 1, '85	Apr. 1, '62	7 per ct.	180,000 00
Gal. & Chi. Union 1st Mort	N. Y., Feb. 1, '82	June 1, '53	7 per ct.	1,632,000 00
Gal. & Chi. Union 2d Mort	N. Y., past due ..	May 1, '55	7 per ct.	2,000 00
Miss. River Bridge...	N. Y., Jan. 1, '84	Jan. 1, '64	7 per ct.	153,000 00
Peninsula First Mort.	N. Y., Sept. 1, '98	July 1, '63	7 per ct.	272,000 00
Beloit and Madison ..	N. Y., Jan. 1, '88	Jan. 1, '63	7 per ct.	247,000 00
Consol Sinking Fund.	N. Y., Feb. 1, 1915	Feb. 1, '65	7 per ct.	5,209,000 00
Chi. & Milw. R'y 1st Mort	N. Y., July 1, '98	July 1, '63	7 per ct.	1,700,000 00
Madison Exten. Gold.	N. Y., Apr. 1, 1911	Apr. 1, '71	7 per ct.	3,150,000 00
Menominee " "	N. Y. June 1, 1911	June 1, '71	7 per ct.	2,700,000 00
Gen. Consolidated "	N. Y., Dec. 1, 1902	Dec. 1, '72	7 per ct.	12,343,000 00
Menominee River R.R.	N. Y., July 1, 1906	July 1, '76	7 per ct.	400,000 00

2. Total bonded indebtedness	\$33,193,000 00
3. Proportionate amount of same for Wisconsin	13,949,221 65
4. Amount per mile of road.....	27,666 60
5. Number of miles of road on which computations are made (on whole line	1,199.75
6. Same for Wisconsin	504.19
7. Net cash realized from sale of bonds. Not known (many of the bonds having been issued by other companies).	
8. Amount of unfunded and floating debt	\$2,846,537 85
9. Aggregate of capital stock; funded and unfunded debt....	72,852,038 38
10. Proportionate amount for Wisconsin.....	30,306,951 34
11. Amount of funded and unfunded debt per mile	29,426 69

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify particularly, in what they consist:	
Current bills, pay rolls and accounts.....	\$1,497,919 51
Outstanding coupons and dividends (including coupons due October 1, '79.....	791,057 94
Balance due leased road in Iowa.....	273,367 37
Balance due sundry railroad companies.....	37,995 40
Total.....	\$2,600,340 22
2. Proportionate amount for Wisconsin.....	\$810,665 83

Chicago & Northwestern Railway Company.

QUICK ASSETS.

1. Specify particularly.		
Due from express companies	\$7,964	17
U. S. Government	99,754	53
station agents, earnings and collections	807,090	42
sundry companies and individuals	37,441	49
Bills receivable	33,346	96
Cash on hand	191,598	90
Total	\$1,177,196	57
12. Proportionate amount for Wisconsin	\$366,995	45

ANALYSIS OF EARNINGS.

1. From local passengers:	}	\$2,858,180	94
2. through passengers (to and from other roads)			
3. express		259,138	74
4. mails		260,182	80
5. other sources, passenger department			
6. Total earnings from passenger department		\$3,377,502	48
7. local freight	}		
8. through freight (to and from other roads)			
9. other sources, freight department			
10. Total earnings from freight department		10,713,848	71
11. Total transportation earnings		\$14,091,351	19
12. Rents for use of road			
13. Income from all other sources (specifying same)			
14. Miscellaneous earnings		102,817	12
15. Total income from all sources		\$14,194,168	31
16. Proportionate amount for Wisconsin (actual)		\$2,888,780	26

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks	\$202,646	43
2. Legal expenses		
3. Insurance		
4. Stationery and printing	47,365	56
5. Outside agencies and advertising	86,042	55
6. Contingencies and miscellaneous	88,320	18
7. Repairs of bridges (including culverts and cattle guards)	178,993	80
8. Repairs of buildings	120,777	27
8½. Repairs of tools and machinery	81,044	57
9. Repairs of fences, road-crossings, and signs	63,700	17
10. Renewal of rails	339,321	26
11. Renewal of ties	184,394	65
12. Repairs of road-bed and track	617,130	97
13. Repairs of locomotives	432,618	31
14. Fuel for locomotives	668,803	58
15. Water supply		
16. Oil and waste	63,698	80

Chicago & Northwestern Railway Company.

17. *Locomotive service.....	688,236 36
18. Repairs of passenger cars.....	140,017 07
19. *Passenger train service.....	450,629 29
20. Passenger train supplies.....	47,383 82
21. † Mileage passenger cars.....	5,537 73
22. Repairs of freight cars.....	321,931 32
23. *Freight train service..... [Inc. in No. 19].	
24. Freight train supplies..... [Inc. in No. 20].	
25. † Mileage freight cars.....	33,457 73
26. Telegraph expenses.....	
27. Loss and damage, freight and baggage.....	} 29,535 75
28. Loss and damage, property and cattle.....	
29. Personal injuries.....	62,355 15
30. Agents and station service.....	1,176,878 71
31. Station supplies.....	82,369 54
32. Total operating expenses, being 43 $\frac{77}{100}$ per cent. of earnings.....	\$6,213,190 57
33. Taxes.....	328,912 96
34. Total operating expenses and taxes, being 46 $\frac{89}{100}$ per cent. of earnings.....	\$6,542,103 53
Proportionate amount for Wisconsin, made on a basis of miles of road.....	\$2,039,525 36

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.

MONTHS.	Passeng-ers.	Freight.	Mails, Ex-press and all sourc's.	Total.
1878.				
October.....	\$300,108 19	\$1,105,495 52	\$53,495 41	\$1,459,099 12
November.....	220,892 79	1,035,084 67	48,876 16	1,304,853 62
December.....	188,414 78	753,965 06	48,830 42	991,210 26
1879.				
January.....	171,935 85	723,917 24	47,321 41	943,174 50
February.....	167,718 58	614,587 93	49,278 86	831,585 37
March.....	241,340 12	710,331 34	48,016 91	999,688 37
April.....	246,687 09	729,380 33	48,219 11	1,024,286 53
May.....	236,723 11	1,005,036 90	70,247 49	1,312,007 50
June.....	237,611 78	1,002,608 71	45,893 92	1,286,114 41
July.....	282,255 69	878,085 43	55,419 74	1,215,760 86
August.....	259,937 81	931,806 55	52,738 99	1,244,483 35
September.....	304,555 15	1,223,549 03	53,800 24	1,581,904 42
Totals.....	\$2,858,180 94	\$10,713,848 71	\$622,138 66	\$14,194,168 31
Actual for Wis.	\$682,960 81	\$2,055,169 35	\$150,650 10	\$2,888,780 26

* Salaries and wages.

† Debit balances.

Chicago & Northwestern Railway Company.

MONTHLY EXPENSES.

MONTHS.	Operating Expenses and Taxes.	Rentals.	Interest and Dividends.	Total.
1878.				
October.....	\$504,399 32	\$139,965 08	\$212,737 20	\$857,101 60
November.....	497,571 91	126,656 16	257,591 11	881,819 18
December.....	509,972 28	101,577 35	1,242,922 98	1,854,472 61
1879.				
January.....	684,013 90	54,196 53	197,510 59	935,721 02
February.....	559,479 38	59,818 02	190,589 92	809,887 32
March.....	528,453 18	100,794 95	567,430 87	1,966,679 00
April.....	481,535 47	101,000 63	181,716 08	764,252 18
May.....	465,244 77	107,604 60	863,138 39	1,435,987 76
June.....	624,777 63	113,603 31	186,461 57	924,842 51
July.....	568,319 59	104,451 13	196,988 02	869,758 74
August.....	575,391 52	123,218 32	193,584 33	892,194 17
September.....	542,944 58	144,444 49	565,006 51	1,252,395 58
Total.....	\$6,542,103 53	\$1,277,330 57	\$4,855,677 57	\$12,675 111 67
Pro. for Wis ...	\$2,039,525 36	No leased lines in Wisconsin.	\$2,040,578 51	\$4,080,103 87

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry. Included in No. 3.		
2. Bridging.....		\$157,013 80
3. Superstructure, including rails.....		30,717 33
4. Land, land damages and fences.....		51,873 22
5. Passenger and freight stations, wood sheds and water stations.....	}	88,493 74
6. Engine houses, car sheds and turn-tables.....		
7. Machine shops.....		
8. Engineering, agencies, salaries, and other expenses during construction.....		6,655 00
9. Purchase of other roads.....		157,488 11
Cost of Stanwood & Tipton R'y.....		
10. Total for construction.....		\$492,241 20
11. Locomotives.....	}	None.
12. Parlor and sleeping cars.....		
13. Passenger, mail, and baggage cars.....		
14. Freight and other cars.....		
15. Total for equipment.....		\$621,581 17
16. Other expenditures charged to property account (specifying same).		
17. Total expenditures charged to property account.....		\$1,118,822 37

Chicago & Northwestern Railway Company.

18. Property sold (or reduced in valuation on the books) and credited property accounts during the year (specifying the same:	
19. Net addition to property account for the year.....	\$1,113,822 37
20. Proportionate amount for Wisconsin made on a basis of miles of road.....	\$468,079 35

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$71,786,488 93
2. Paid for construction during the year, as per construction account on page 10	\$492,241 20
3. Paid for equipment during the year, as per equipment account on page 10.....	621,581 17
4. Total expended for construction and equipment during the year ending Sept. 30, 1879.	1,113,822 37
5. Total cost of entire line to date, Sept. 30, 1879.....	\$72,900,311 30
6. Proportionate amount for Wisconsin	\$30,636,055 81

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters	20	\$2,069 00	\$41,384
Clerks in general offices.....	140	830 00	116,217
Agents and clerks at all stations.....	871	660 00	575,473
Master, and skilled mechanics.....	1,686	628 50	1,059,744
Helpers in shops.....			
Conductors.....	207	873 00	180,711
Engineers.....	383	1,043 00	399,469
Firemen and wipers	558	588 00	328,104
Brakemen.....	487	540 00	262,980
Flagmen, switchtenders, gatekeepers, and watchmen.....	515	510 00	262,650
Section foremen	284	540 00	153,360
Section laborers	2,470	353 00	872,200
All other employes.....			

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.	Liabilities.	Dollars. Cts.
Cost of road and equipment	\$72,900,311 30	Capital stock	\$36,812,500 53
Proprietary railroads	3,192,999 40	Funded debt	33,103,000 00
Real estate	209,971 99	Live bonds in sinking fund	90,000 00
Railroad bonds on hand	163,000 00	Real estate mortgages due in 1880	220,000 00
Common and preferred stock owned by Co. .	298,360 32	Current bills, pay rolls and accounts	1,497,919 51
Materials	634,611 98	Outstanding coupons and dividends includ- ing coupons, Oct. 1, 1879	791,057 94
Due from Express Companies	7,964 17	Balance due leased roads in Iowa	273,367 37
Due from U. S. Government	99,754 53	Balance due sundry railroad companies	37,995 40
Due from station agts. earnings & collections	807,090 42	Land Grant account	26,197 63
Due from sundry companies and individuals	37,441 49	Income account	5,724,413 08
Bills receivable	33,346 96		
Cash on hand	191,598 90		
	\$78,576,451 46		\$78,576,451 46

Chicago & Northwestern Railway Company.

CHARACTERISTICS OF ROAD.
ROADS OWNED.

Name of Division or Branch.	From.	To.	STATE.				Total Miles.
			Wis., Miles.	Ills., Miles.	Mich., Miles	Iowa, Miles.	
Wisconsin Division.	Chicago	Ft. Howard	171.40	70.80	.....	.....	242.20
Wisconsin Division.	Kenosha	Rockford	27.50	44.60	.....	.....	72.10
Wisconsin Division.	Chicago	Montrose .....	.....	5.20	.....	.....	5.20
Galena Division	Chicago	East End M. R. Br'g .....	.....	137.00	.....	.....	137.00
Galena Division	Chicago	Freeport .....	.....	121.00	.....	.....	121.00
Galena Division	Elgin	Lake Geneva	8.70	36.34	.....	.....	45.04
Galena Division	Geneva	St. Charles .....	.....	2.40	.....	.....	2.40
Galena Division	Geneva	Batavia .....	.....	3.20	.....	.....	3.20
Galena Division	Chi. So. Bra. J.	River .....	.....	4.50	.....	.....	4.50
Iowa	Standwood	Tipton .....	.....	.....	.....	8.50	8.50
Madison	Belvidere	Madison	48.80	20.10	.....	.....	68.90
Madison Extension.	Madison	Winona Junction..	129.10	.....	.....	.....	129.10
Madison Division ..	Winona J.	Winona	29.00	.....	.....	.....	29.00
Peninsula Division..	Ft. Howard	Mich. State Line..	49.45	.....	.....	.....	49.45
Peninsula Division..	Mich. State Line.	Escanaba .....	.....	.....	64.65	.....	64.65
Peninsula Division..	Escanaba	Lake Angeline Mine	.....	.....	68.00	.....	68.00
Peninsula Division..	Branches and Ex.	Mines .....	.....	.....	39.80	.....	39.80
Peninsula Division..	Menominee R. J.	Quinneseq. ....	.....	.....	24.71	.....	24.71
Milwaukee Division.	Chicago	Milwaukee	40.24	44.76	.....	.....	85.00
Length of single track owned.....			504.19	489.90	197.16	8.50	1,199.75
Total miles of single and second track owned.....			504.19	489.90	197.16	8.50	1,199.75
Sidings			97.37	115.25	30.87	.32	243.81
Total miles of track owned, including sidings.....			601.56	605.15	228.03	8.82	1,443.56

Chicago & Northwestern Railway Company.

Chicago & Northwestern Railway Company.

CHARACTERISTICS OF ROAD—continued.

(PROPRIETARY AND LEASED LINES.)

Name of Division or Branch.	From.	To.	STATE.				Total Miles.
			Wis., Miles.	Ills., Miles.	Mich., Miles.	Iowa, Miles.	
Leased lines:							
C. I. & N. R. R.	East End M. R. B.	Clinton				1.10	1.10
C. I. & N. R. R.	Clinton	C. Rapids				81.30	81.30
C. R. & M. R. R. R.	C. Rapids	Mo. River				271.60	271.60
C. R. & M. R. R. R.	Clinton	Lyons				2.60	2.60
Maple River R. R.	Maple River Jun.	Mapleton				60.15	60.15
Maple River R. R.	Wall Lake	Sac City				12.14	12.14
Total leased lines						428.89	428.89
Total of lines owned, brought forward			504.19	489.90	197.16	8.50	1,199.75
Total of lines owned, and leased lines			504.19	489.90	197.16	437.39	1,628.64
Aggregate length of tracks operated by this company, computed as single track			504.19	489.90	197.16	437.39	1,628.64
Aggregate length of sidings and other track not above enumerated			97.37	115.25	30.87	59.96	303.45
Total			601.56	605.15	228.03	497.35	1,932.09
Number of junction stations			14	11	2	10	37
What is the gauge of your lines? 4 feet 8½ inches							

No proprietary lines embraced in this report.

Chicago & Northwestern Railway Company.

DOINGS OF THE YEAR IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains	2,520,786
2. Number miles run by freight and mixed trains.....	7,001,413
3. Number miles run by wood, gravel and construction trains	326,742
4. Mileage of switching trains.....	.....
5. Total mileage	<u>9,848,941</u>
6. Proportion for Wisconsin. (Give per centage and miles) 37 ⁶⁰ / ₁₀₀ per cent	<u>3,703,026</u>

PASSENGERS CARRIED.

7. Total number of passengers carried.....	3,075,843
10. Total number of passengers carried one mile.....	107,695,478
11. Rate per passenger per mile on whole line.....	.02 ⁶⁵ / ₁₀₀
12. Rate per passenger per mile in Wisconsin .....	.03 ⁴² / ₁₀₀
13. Average distance traveled by each passenger.....	<u>35⁰¹/₁₀₀ miles.</u>

TONNAGE OF FREIGHTS CARRIED.

No record kept showing classification of commodities.

13. Total freight in tons	4,036,880
14. Proportion for Wisconsin.....	1,429,400
15. Number of tons of freight carried one mile.....	692,749,821
16. Number of tons of freight carried (eastward) }	4,036,880
17. Number of tons of freight carried (westward) }	
18. Average rate per ton per mile on all freight carried.....	1 ⁵³ / ₁₀₀ c.
19. Average rate per ton per mile on local freight (not separa'd)	

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

Year.	Cents.	Year.	Cents.
1870.....	3.09	1875.....	2.06
1871.....	2.87	1876.....	1.91
1872.....	2.61	1877.....	1.81
1873.....	2.35	1878.....	1.63
1874.....	2.22	1879.....	1.53

Chicago & Northwestern Railway Company.

MILEAGE EARNINGS FOR THE YEAR.

	Whole Line.	Wisconsin.
1. Earnings per mile of road on freight.....	\$6,624 65	\$4,076 18
2. Earnings per mile of road on passengers.	1,767 29	1,354 57
3. Earnings per mile of road on mails, express, and all other sources.....	384 68	298 80
4. Total earnings per mile.....	\$8,776 62	\$5,729 55
5. Net earnings per mile.....	\$4,731 47	.....
6. Earnings per train mile run, on freight...	1 53	73.77
7. Earnings per train mile run, on passengers.....	1 13	77.88
8. Earnings per train mile run, on mails, express, and all other sources.....	21.65	16.49
9. Net earnings per train mile.....	80.36	.....
10. Of the earnings of the entire line, what is the ratio of passengers to freight? Answer: On whole line, as 1 to 3-748. In Wisconsin, 1 to 3-009.		
11. What is the rate of passenger per mile on whole line and in Wisconsin?.....	02.65	03.42
12. Number of passengers carried one mile on whole line and in Wisconsin.....	107,695,478	19,973,114
13. Number of miles of operated road upon which above estimates are based (aver- for the year).....	1,617 27	504 19

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road.....	\$4,045 15
2. Average operating expenses per train mile.....	66.42
3. Cost of maintaining track and bridges per train mile.....	13.40
4. Cost of repairs of engines per mile run.....	04.39
5. Cost of engineers firemen and wipers per mile run.....	7.23
6. Cost of oil and waste per mile run.....	00 67
7. Cost of fuel per mile run.....	07.02

EARNINGS AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings.....	\$14,194,168 31
Deduct operating expenses and taxes.....	6,542,103 53
Leaving net earnings.....	\$7,652,064 78

Chicago & Northwestern Railway Company.

Amount of rentals paid.....	\$1,247,471 20	
Amount of interest paid.....	2,257,904 07	
<hr/>		
Total of rents and interest.....		
Balance		
Dividends paid viz —		
On preferred stock.....per cent.		}
On preferred stock.....per cent.		
Total of dividends.....		<u>\$2,429,809 30</u>

EQUIPMENT.

	Owued.	Total.
Number of locomotives.....	364	364
Number of passenger cars	182	182
Number of baggage, mail, and express cars.....	82	82
Number of parlor or sleeping cars	3	3
Number of freight cars, basis of 8 wheels.....	6,853	6,853
Number of other cars	2,759	2,759

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?

United States Mail, September 30th, 1879.

Route.	Termini	Miles.	Amount per annum.
23001	Chicago to Milwaukee.....	87 00	\$19,926 48
23002	Chicago to Freeport.....	121 00	24,997 44
23003	Chicago to U. P. Transfer	491 00	115,194 30
23004	Elgin to Geneva Lake.....	44 00	2,200 00
23056	Geneva to Batavia.....	3 50	175 00
24031	Fort Howard to Ishpeming	181 20	11,099 27
24042	Powers to Quinnesec.....	24 68	Not fixed.
25009	Chicago to Green Bay.....	245 00	51,943 34
25010	Caledonia to Winona Junction.....	190 35	21,722 40
25011	Kenosha to Rockford.....	73 60	5,520 00
25012	Winona Junction to Winona,.....	30 45	5,176 50
25030	Onalaska to La Crosse.....	6 50	277 87
27013	Stanwood to Tipton.....	8 81	440 50
27038	Maple River Junction to Mapleton.....	61 18	2,353 90

Chicago & Northwestern Railway Company.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company and United States Express Company.

For terms and conditions as to rates, see statement attached.

The express companies have no care of the machinery or repairs of cars, etc.

They do a miscellaneous business, restricted to lighter articles properly belonging to express business.

The express companies deliver their freight into the company's cars.

Express Contracts in force September 30, 1879.

UNITED STATES EXPRESS COMPANY.

Chicago to Milwaukee, rate per diem on limited tonnage \$66.66; limit of pounds to be carried each day at regular per diem rate, 17,000; rate per 100 pounds carried whole length of route to be paid on excess of tonnage, 40 cents.

AMERICAN EXPRESS COMPANY.

	Rate per diem on limited tonnage.	Limit of pounds.	Rate per 100 lbs whole length of route on express tonnage.
Chicago to Council Bluffs.....	275 00	10,000	\$1 50
Chicago to Freeport	90 00	12,000	75
Chicago to Ishpeming	200 00	8,000	2 00
Chicago to Elroy	135 00	10,000	1 35
Stanwood to Tipton.....	2 00	500	.....
Kenosha to Rockford	5 07	1,000	60
Elgin to Geneva Lake.....	5 00	1,000	36

Elroy to Winona Junction, in accordance with tariff of rates to be paid between stations.

Maple River Junction to Mapleton, \$100.00 per month.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what terms, and on what conditions as to rates, use of track, machinery, repairs of cars, etc.? Do they use the cars of your company, or those furnished by themselves, and are their cars or their freight given any preference in speed or order of transportation, and if so, in what particular?

The cars of all transportation companies are allowed to run over the lines of this company, paying regular rates and receiving mileage.

Chicago & Northwestern Railway Company.

The freight is carried in cars furnished by such transportation companies (excepting consignments of less than a car load).

Their freight has no preference over other freight of like class.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?

Sleeping cars are run with passenger trains, and hotel cars on line between Chicago and Council Bluffs.

For the use of sleeping cars this company furnishes their fuel and lights, and keeps in running order the tracks and whole exterior of the cars.

For the use of hotel cars this company pays three cents per mile run for each car.

Both are owned by the Pullman Palace Car Company, and all the charges in addition to the regular passenger rates, are made and collected by that company.

5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?

None.

6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?

None.

7. Have you acquired any lines in or out of this state, by purchase, lease, consolidation or otherwise, since your last report?

The increase of miles embraced in this report is an addition of of about twelve miles to the length of the Maple River Railroad, operated under lease described in report of 1878.

8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line? No.

9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line? No.

10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?

None in Wisconsin.

11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?

We have, in some cases.

12. Have you made any reduction in such rates, from any stations, since the passage of said chapter?

We have.

During the year referred to, the following articles of freight, when in quantities of not less than 20,000 pounds, shipped for one consignee from or to Milwaukee, on one day, have been carried at twenty per cent. less than fourth class rates, viz.:

Beans; glass, common window, 32×44 and under; grass seed; grindstones; *horse and mule shoes; *iron or steel, bar, band or boiler; iron pipe (wrought); iron roofing; lead, pig; *nails and spikes; sleigh-shoes, iron; stoves; vinegar; wire binders (for harvesters); wire, fence, barbed, and telegraph.

Articles marked thus *, are taken at the reduced rate, when shipped in car loads of from 20,000 to 24,000 pounds of each, or any quantity of each, loaded together in a car for one consignee, shipped on one day.

Chicago & Northwestern Railway Company.

KENOSHA DIVISION.	Salem	10	0984	0016	20	1968	0032				
	Fox River	10	11½	01½	20	23	03				
	Bassett's	10	11½	01½	20	23	03				
	Genoa Junction	10	14	04	20	28	08				
	Geneva Lake	10	14	04	20	28	08				
	Beloit	13	13		26	26					
	Afton	13	14	01	26	28	02				
	Hanover	14	14		28	28					
	Footville	14	14		28	28					
	Magnolia	14½	14	00½	29	28	01				
MADISON DIVISION.	Evansville	15	15		30	30					
	Brooklyn	15	15		30	30					
	Oregon	16	14	02	32	28	04				
	Syene	16	14	02	32	28	04				
	Madison	16	15	01	32	30	02				
	Mendota	16	15	01	32	30	02				
	Waunakee	16	16		32	32					
	Dane	16	16		32	32					
	Lodi	16	16		32	32					
	Merrimac	16	16		32	32					
	Devil's Lake	16½	N. Stn		33	N. Stn					
	Baraboo	16½	16	00½	33	32	01				
	North Freedom	17	17		34	34					
	Ableman's	17	18	01	34	36	02				
	Reedsburg	17	18	01	34	36	02				
	La Valle	17½	18	00½	35	36	01				
	Wonowoc	18	18		36	36					
	Union Centre	18	19	01	36	38	02				
	Glendale	19	19		38	38					
	Kendall's	19	20	01	38	40	02				
	Wilton	20	21	01	40	42	02				
	Sparta	22	21	01	44	43	02				
	Bangor	22	22		44	44					
	West Salem	22	22		44	44					
	Winona Junction	22	23	01	44	46	02				
	Onalaska	22	23	01	44	46	02				

STATEMENT Showing advance and reductions in rates of freight since last report — continued.

RATES BETWEEN MILWAUKEE AND		GRAIN IN CAR LOADS PER 100 LBS.				FLOUR, IN CAR LOADS PER BARREL.				LUMBER IN CAR LOADS PER 100 LBS.			
		Present rates.	Rates prior to Ch. 57.	Increase.	Decrease.	Present rates.	Rates prior to Ch. 57.	Increase.	Decrease.	Present rates.	Rates prior to Ch. 57.	Increase.	Decrease.
		Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	\$ Cts.	\$ Cts.	\$ Cts.	\$ Cts.
Mad. Div.	Midway.....	22	23	.....	01	44	46	.....	02	.....	.....	.....
	Trempealeau	22	23½	.....	01½	44	47	.....	03	.....	.....	.....
	Marshland	22	23½	.....	01½	44	47	.....	03	.....	.....	.....
		Salt in car loads per barrel.				Lumber in car loads per 100 pounds.				Cattle and hogs, per car.			
Wis. Peninsula division	Neenah and Menasha	25	31	.....	06	.....	.....	.....	.....	26 00	26 00	.....	.....
	Appleton and Appleton Jt. . .	25	31	.....	06	.....	.....	.....	.....	26 00	26 00	.....	.....
	Little Chute	25	31	.....	06	.....	.....	.....	.....	26 00	28 25	.....	2 25
	Kaukauna	25	31	.....	06	.....	.....	.....	.....	26 00	28 25	.....	2 25
	Duck Creek .....	.....	.....	.....	.....	11	11	.....	.....	.....	.....	.....	.....
	Big Suamico .....	.....	.....	.....	.....	11	11	.....	.....	.....	.....	.....	.....
	Little Suamico .....	.....	.....	.....	.....	11	11½	.....	.....	.....	.....	.....	.....
	Brookside .....	.....	.....	.....	.....	11½	N Stn.	.....	.....	.....	.....	.....	.....
	Pensaukee .....	.....	.....	.....	.....	11½	11½	.....	.....	.....	.....	.....	.....
	Oconto .....	.....	.....	.....	.....	12	12	.....	.....	.....	.....	.....	.....
Cavoits .....	.....	.....	.....	.....	12	N Stn.	.....	.....	.....	.....	.....	.....
Peshtigo .....	.....	.....	.....	.....	12	12½	.....	.....	.....	.....	.....	.....
Marinette .....	.....	.....	.....	.....	12	12½	.....	.....	.....	.....	.....	.....

Chicago & Northwestern Railway Company.

Chicago & Northwestern Railway Company.

13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquor? If so, what is it, *and is it enforced?*
 The rules of this company prohibit the use of intoxicating liquors by conductors, engineers and trainmen, and are strictly enforced.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company since the date of your last report? If so, how many acres? No.
2. Have any United States lands been granted to your company, directly or indirectly, since the date of your last report? What number of acres received by your company, directly or indirectly, since date of last report. No.
 There has been a loss of acreage since last report as follows:
 Lot 1 of Sec. 13, T. 38, R. 11, was certified to the company as..... 34.18 acres.
 Government plats show the acreage to be..... 4.03 acres.

Loss..... 30.15 acres.

3. What number of acres sold and conveyed since date of your last report?
 2,520.07 acres.
4. Average price, per acre, realized?
 \$2.25 per acre.
5. Number of acres now held by company?
 354,291.14 acres.
6. Average price asked for land now held by company?
 Not all appraised.
7. Amount of land sold, but not conveyed, under contracts now in force?
 416.70 acres.
8. The whole amount of cash, principal and interest, received for lands hitherto sold and conveyed since date of last report?
 \$3,582.88.
9. Whole amount of cash received, principal and interest, on outstanding contracts in force, since date of last report?
 \$255.25.
10. Whole amount of cash received, principal and interest, on contracts forfeited, since date of last report?
 Nothing.
11. Whole amount of cash received for stumpage, trespasses, &c., since date of last report?
 \$449.70.
12. What have been your total receipts from lands sold, and contracted to be sold, since the date of last report?
 \$4,287.83.
13. What is the aggregate sum of receipts on account of lands, from all sources whatever, up to the present time?
 \$143,332.69.
14. What is the amount now due the Company on lands sold, or contracted to be sold?
 \$750.00.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report? None.
2. Amount of city, county and town aid granted to Company in exchange for stock, or otherwise?
 Nothing.

ACCIDENTS.

No. of Accidents.	NAME.	DATE.	PLACE.	PASSENGERS.				EMPLOYES.				OTHERS.				
				From causes beyond their control.		By own misconduct or want of caution.		From causes beyond their control.		By own misconduct or want of caution.		From causes beyond their control.		By own misconduct or want of caution.		
				Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	
		1878.	ILLINOIS.													
1	Frank McWalters	October 8	Chicago.....													1
2	John Finnerty.....	October 14	Chicago.....													1
3	John Flynn.....	October 18	Chicago.....						1							
4	John Eiting.....	Nov. 1	Round Grove.....	1												
5	Daniel Donahue.....	Nov. 20	Chicago.....								1					
6	Sam'l Smith.....	Nov. 19	Freeport.....												1	
7	Geo. Loden.....	Nov. 28	Malta.....												1	
8	M. Kinney.....	Dec. 14	Chicago.....													1
9	Christopher Buck.....	Dec. 27	Crystal Lake.....													1
		1879.														
10	M. Stemier.....	January 11	Chicago.....												1	
11	M. Korthouse.....	January 14	Chicago.....												1	
12	Mrs. Gibbs.....	January 13	Waukegan.....												1	
13	John Ludos.....	January 16	Chicago.....													1
14	Geo. Williams.....	March 3	Franklin.....												1	
15	Hiram Curtis.....	March 12	Cary.....							1						
16	Matt Baur.....	March 11	Chicago.....						1							
17	Ray Barber.....	March 13	Chicago.....								1					

Chicago & Northwestern Railway Company.

ACCIDENTS — Continued.

No. of Accidents.	NAME.	DATE.	PLACE.	PASSENGERS.				EMPLOYES.				OTHERS.					
				From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.			
				Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.		
		1878	ILLINOIS.														
54	Ned Keef	August 19	Chicago														
55	Thomas Shirk	August 20	Pecatonica													1	
56	John Mather	Sept. 1	Chicago							1							
57	Peter Weaver	Sept. 3	Geneva													1	
58	Thomas Flynn	Sept. 6	Chicago													1	
59	W. A. Jacobs	Sept. 12	Lodi														1
60	Fred Davis	Sept. 12	Harvard								1						
61	Unknown man	Sept. 12	Chicago								1					1	
62	James Henry	Sept. 15	Chicago													1	
63	James Leavy	Sept. 22	Chicago													1	
64	Edwin Hart	Sept. 22	Rockland								1					1	
		1878	MICHIGAN.														
65	Wm. Murphy	Nov. 3	Escanaba														
66	Chas. Lamberton	Nov. 19	Quinnesec								1						
67	Wm. Brandt	Dec. 7	near Negannee													1	
68	Geo. Oleson	Dec. 16	Escanaba													1	

Chicago & Northwestern Railway Company.

ACCIDENTS — CONTINUED.

No. of accidents.	NAME	DATE.	PLACE.	PASSENGERS.				EMPLOYES.				OTHERS.					
				From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.		From causes beyond their control.		By their own misconduct or want of caution.			
				Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.	Kill	Inj.		
	IOWA.	1878.															
98	A. Masterson.....	Oct. 1	Near Carroll								1						
99	John Dixon.....	Oct. 7	Boone.....							1	1						
100	M. Purington.....	Oct. 15	Marshalltown							1							
101	C. Curry.....	Oct. 17	Belle Plaine.....													1	
102	Wesley Strong.....	Oct. 28	Marshalltown.....								1						
103	G. W. Herbert.....	Nov. 13	Marshalltown.....								1						
104	Phillip Scott.....	Nov. 26	Near New Jefferson							1							
105	E. D. Conners.....	Dec. 4	Watkins								1						
106	Walter Kittridge.....	Dec. 6	Cedar Rapids.....													1	
107	J. B. Vanderburg.....	Nov. 21	Bertram.....		1												
		1879.															
108	Wm. Hance	Feb. 8	Marshalltown													1	
109	Chas. Bursley.....	Feb. 19	Near Logan.....													1	
110	E. A. Austin.....	Feb. 21	Beile Plane.....								1						
111	Marion Sims.....	March 31	Council Bluffs.....								1						
112	Wm. Keller.....	April 10	Council Bluffs.....								1						
113	Hans Chas. Ristorf.....	April 20	Near Grand Mound.....													1	

Chicago & Northwestern Railway Company.

Chicago & Northwestern Railway Company.

- 1. Of the above accidents, those numbered as follows were caused by broken rails:
Total No. None.
- 2. Of the above accidents those numbered as follows were caused by INATTENTION OF EMPLOYES:
Total No.
- 3. Of the above accidents those numbered as follows were caused by COLLISIONS, not properly coming under 2:
4 and 107. Total No. 2.
- 4. Of the above accidents those numbered as follows were caused by explosions:
Total No. None.
- 5. Amount paid as damages caused by fire from locomotives not kept separate:
Total No. None.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

- 6. Total \$8,566 80
- 7. Amount claimed yet unsettled, or in litigation.

STATE OF ILLINOIS — *County of Cook* — ss.

Albert Keep, president, and J. B. Redfield, assistant secretary, of the Chicago & Northwestern Railway Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by their proper officers and agents, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,



ALBERT KEEP,
J. B. REDFIELD.

Subscribed and sworn to before me, Frank P. Crandon, this twenty-eighth day of November, A. D. 1879.



FRANK P. CRANDON,
Commissioner for the State of Illinois.

Appointed by the Governor of Wisconsin to administer oaths, affirmations, etc.

Northwestern Union Railway Company.

REPORT
OF THE
NORTHWESTERN UNION RAILWAY COMPANY,
For the year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President	Albert Keep	Chicago, Illinois.
Vice President	M. L. Sykes	New York, N. Y.
Treasurer	M. L. Sykes	New York, N. Y.
Secretary	J. B. Redfield	Chicago, Illinois.
Assistant Secretary	Jno. S. George	Milwaukee, Wis.

1. General offices at Chicago, Ill.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
C. J. L. Meyer	Fond du Lac.	J. B. Redfield	Chicago, Ill.
Albert Keep	Chicago, Ill.	M. L. Sykes	New York, N. Y.
Marvin Hughitt	Chicago, Ill.	Wm. L. Scott	Erie, Pa.
Wm. H. Ferry	Chicago, Ill.	M. M. Kirkman	Chicago, Ill.
James H. Howe	Kenosha, Wis.		

EXECUTIVE COMMITTEE.

ALBERT KEEP,

M. L. SYKES,

M. HUGHITT.

2. Date of annual election of directors, June 14.
3. Name and address of person to whom correspondence concerning this report should be directed.

B. C. Cook, General Solicitor, Chicago.

Northwestern Union Railway Company.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPTEMBER 30, 1879

1. Total income	\$277,239 28
2. Operating expenses.....	179,854 35
3. Excess of income.....	97,384 93
4. Taxes.....	13,133 20
5. Rentals.....	Nothing
6. Interest accrued and sinking funds during the year.....	259,036 08
7. Dividends declared	Nothing
Total deficit	\$174,784 35
Less amount assumed by Chi. & N. W. R'y.....	88,911 06
8. Balance for the year, September 30, 1879, (deficit)	<u>\$85,873 29</u>

CAPITAL STOCK.

Capital stock authorized by charter	\$5,000,000 00
How many kinds of stock at date of last report? Two.	
Amount of common stock at date of last report	1,000,000 00
Amount of preferred stock at date of last report.....	2,500,000 00
Total capital stock at date of last report.....	<u>\$3,500,000 00</u>
Rate of preference, 10 per cent	
How much common stock has been issued since date of last report?	None.
How much preferred stock has been issued since date of last report?	None.
Total amount of stock now outstanding	<u>\$3,500,000 00</u>
Amount of stock per mile of road built (exclusive of sidings)	\$55,883 76

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest	AMOUNT.
First mortgage gold bonds	New York, June 1, 1917	Mar 1, 1872	7 Pr. c.	\$3,500,000 00
2. Total bonded indebtedness				3,500,000 00
4. Amount per mile of road.....				55,883 76
5. No. of miles of road on which computations are made (on whole line). 62.63				

Northwestern Union Railway Company.

7. Net cash realized from sale of bonds. About 90 per cent of par value.	
8. Amount of unfunded and floating debt. None.	
9. Aggregate of capital stock; funded and unfunded debt....	\$7,000,000 00
11. Amount of funded and unfunded debt per mile of road built.....	55,883 76

STATEMENT OF FLOATING OR UNSECURED DEBT.

IMMEDIATE LIABILITIES.

1. Specify, particularly, in what they consist:
None.

QUICK ASSETS.

1. Specify particularly: Balance due from C. & N. W. R'y.	\$238,783 93
Total.....	\$238,783 93

ANALYSIS OF EARNINGS.

1. From local passengers	} \$105,926 57
2. From through passengers (to and from other roads).....	
3. From express	6,438 70
4. From mails	5,249 80
5. From other sources, passenger department.....	.....
6. Total earnings from passenger department	\$117,615 07
7. From local freight	}
8. From through freight (to and from other roads).....	
9. From other sources, freight department.	
10. Total earnings from freight department.....	\$158,536 24
11. Total transportation earnings	\$276,151 31
12. Rents for use of road .....	.....
13. Income from all other sources (specifying same): Miscellaneous earnings.....	1,087 97
13. Total income from all sources	\$277,239 28

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks.....	\$1,487 88
2. Legal expenses.....	.....
3. Insurance.....	.....
4. Stationery and printing.....	371 24
5. Outside agencies and advertising.....	507 50
6. Contingencies and miscellaneous.....	773 78
7. Repairs of bridges (including culverts and cattle guards)..	11,697 01
8. Repairs of buildings.....	1,085 41
8½. Repairs of tools, machinery.....	1,870 81
9. Repairs of fences, road crossings, and signs.....	684 23
10. Renewal of rails	45,779 84

Northwestern Union Railway Company.

11. Renewal of ties	11,781 81
12. Repairs of road-bed and track.....	27,774 77
13. Repairs of locomotives.....	10,030 73
14. Fuel for locomotives	16,224 21
15. Water supply	
16. Oil and waste	1,326 63
17. * Locomotive service.....	15,177 94
18. Repairs of passenger cars.....	4,565 75
19. * Passenger train service.....	8,041 40
20. Passenger train supplies.....	977 07
21. † Mileage passenger cars	
22. Repairs of machinery and tools.....	3,847 71
23. * Freight train service (incl. in No. 19).....	
24. Freight train supplies (incl. in No. 20).....	
25. † Mileage freight cars (nothing).....	
26. Telegraph expenses.....	
27. Loss and damage, freight and baggage.....	} 2,459 75
28. Loss and damage, property and cattle.....	
29. Personal injuries.....	392 59
30. * Agents and station service	11,657 13
31. Station supplies	1,389 16
32. Total operating expenses, being 64.87 per cent. of earnings,	179,854 35
33. Taxes.....	13,133 20
34. Total operating expenses and taxes, being 69.61 per cent. of earnings.....	192,987 55

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR ENDING JUNE 30, 1879.

MONTHS.	Passengers.	Freight.	Mails, expr's and all other sourc's	Total.
1878.				
October.....	\$11,160 52	\$18,439 17	\$1,113 83	\$30,713 51
November	8,634 98	13,947 66	925 72	23,508 36
December.....	7,402 72	16,252 57	915 00	24,570 29
1879.				
January	6,584 86	11,539 30	1,018 14	19,142 30
February	6,159 97	7,982 73	962 03	15,104 73
March	8,440 31	10,936 44	946 03	20,322 78
April	9,152 89	9,811 07	958 57	19,922 53
May	8,573 48	16,591 10	1,036 86	26,201 44
June	8,929 71	14,614 90	887 86	24,432 47
July	9,984 98	8,717 00	1,088 03	19,790 01
August	9,352 37	9,608 80	983 26	19,944 43
September	11,549 79	20,095 50	1,941 14	33,586 43
Totals	\$105,926 57	\$158,536 24	\$12,776 47	\$277,239 28

*Salaries and wages.

†Debit balances.

Northwestern Union Railway Company.

MONTHLY EXPENSES.

MONTHS.	Operating exp'nses and taxes.	Interest and sinking fund.	Total.
1878.			
October	\$9,504 94	\$20,825 00	\$30,329 94
November.....	10,548 11	34,042 31	44,590 42
December.....	9,456 87	20,418 79	29,875 66
1879.			
January.....	17,133 07	20,416 66	37,549 73
February.....	9,461 14	20,416 66	29,877 80
March.....	12,622 88	20,416 66	33,039 54
April.....	8,811 13	20,416 66	29,227 79
May.....	13,489 42	20,416 70	33,906 12
June.....	22,234 10	20,416 66	42,650 76
July.....	19,788 14	20,416 66	40,204 80
August.....	27,217 26	20,416 66	47,633 92
September.....	32,720 49	20,416 66	53,137 15
Totals.....	\$192,987 55	\$259,036 08	\$452,023 63

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

1. Grading and masonry.....	\$156 24
2. Bridging	38 90
3. Superstructure, including rails	2,244 92
4. Land, land damages and fences.....	21,737 74
5. Passenger and freight stations, wood sheds, and water stations	22,883 63
6. Engine houses, car sheds, and turn-tables..	
7. Machine shops.....	
8. Engineering, agencies, salaries, and other expenses during construction	2,349 16
9. Purchase of other roads (specifying same).....	.....
	\$49,410 59
Less credit for iron and steel, interests, etc., for former years, transferred to operating expenses	17,184 79
10. Total for construction	\$32,225 80
17. Total expenditures charged to property account	\$32,225 80
19. Net addition to property account for the year.....	\$32,225 80

Northwestern Union Railway Company.

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878.....	\$3,143,116 98
2. Paid for construction during the year, as per construction account on page 10.....	32,225 80
3. Paid for equipment during the year, as per equipment account on page 10.....	.....
4. Total expended for construction and equipment during the year ending Sept. 30, 1879	32,225 80
5. Total cost of entire line to date, Sept. 30, 1879.....	<u>\$3,175,342 78</u>

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters			
Clerks in general offices.....	1	\$540 00	\$540 00
Agents and clerks at all stations	21	513 00	10,773 00
Master, and skilled mechanics. } No Helpers in shops..... } shops.....	.....	.....	.....
Conductors.....	3	820 00	2,460 00
Engineers	5	1,043 00	5,215 00
Firemen and wipers	5	588 00	2,940 00
Brakemen.....	6	570 00	3,420 00
Flagmen, switchtenders, gatekeepers and watchmen.....	11	510 00	5,610 00
Section foremen.....	12	550 00	6,600 00
Section laborers.....	172	353 00	60,716 00
All other employes.....	13	353 00	4,589 00

GENERAL BALANCE SHEET FOR YEAR ENDING SEPTEMBER 30, 1879.

ASSETS.	Dollars. Cts.		LIABILITIES.	Dollars. Cts.	
	Cost of road.....	\$3,175,342		78	Capital Stock.....	3,500,000	00
Leasehold agreement for unfinished line....	3,500,000	00	Funded debt.....	3,451,500	00
Assets (due from C. & N. W. R'y Co.).....	238,783	93	Live bonds in sinking fund.....	48,500	00
Income account.....	85,873	29			
	\$7,000,000	00		\$7,000,000	00

Northeastern Union Railway Company.

Northwestern Union Railway Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	From	To	Total Miles.
Main line	Milwaukee	Fond du Lac	62.63
Single track.			
UNFINISHED BRANCHES.			
Division of branches:			
Single track.			
Lodi Branch	Mayville	Lodi	72.37
Iron Ridge Branch ...	Lodi Branch	Iron Ridge.....	5.00
			77.37
			140.00
Total.....			140.00
Length of single track owned			62.63
*Second track.....			None.
Total miles of single and second track owned			62.63
Sidings.....			5.00
Total miles of track owned, including second track and sidings			67.63

Number of junction stations. Two.

What is the gauge of your lines? Four feet eight and one-half inches.

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1. Number of miles run by passenger trains	80,410
2. Number of miles run by freight and mixed trains.....	81,622
3. Number of miles run by wood, gravel and construction trains	18,487
4. Mileage of switch trains.....	
5. Total mileage.....	180,519

PASSENGERS CARRIED.

7. Total number of passengers carried.....	74,852
8. number of passengers carried one mile (eastward)..	} 3,287,467
9. number of passengers carried one mile (westward)..	
10. Total number passengers carried one mile.....	
11. Rate per passenger per mile on whole line, 3.2 cents.	
13. Average distance traveled by each passenger	43.94

*Meaning a double length of track, independent of sidings.

Northwestern Union Railway Company.

TONNAGE OF FREIGHTS CARRIED.

No record kept showing classification of commodities.

13. Total freight in tons	215,418
15. Number of tons of freight carried one mile	6,877,594
16. Number of tons of freight carried (eastward)	} 215,418
17. Number of tons of freight carried (westward)	
18. Average rate per ton per mile on all freights carried	2.3 cents
19. Average rate per ton per mile on local freight, not separated.	

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

<i>Year.</i>	<i>Cents.</i>	<i>Year.</i>	<i>Cents.</i>
1878.....	2.54	1879.....	2.30

MILEAGE EARNINGS FOR THE YEAR.

	Whole line.	Wisconsin.
1. Earnings per mile of road on freight.....	\$2,531 32	\$2,531 32
2. Earnings per mile of road on passengers	1,691 31	1,691 31
3. Earnings per mile of road on mails, express, and all other sources.....	204 00	204 00
4. Total earnings, per mile.....	\$4,426 63	\$4,426 63
5. Net earnings per mile.....	\$1,345 23	\$1,345 23
6. Earnings per train mile run, on freight.....	1 94	1 94
7. Earnings per train mile run, on passengers ...	1 33	1 33
8. Earnings per train mile run, on mails, express and all other sources.....	15	15
9. Net earnings per train mile.....	52	52
10. Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: 1 to 1.496.		
11. What is the rate of passenger per mile.....	03.2	03.2
12. Number of passengers carried one mile.....	3,287,467	3,287,467
13. Number of miles of operated road upon which above estimates are based	62.63	62.63

MISCELLANEOUS OPERATING EXPENSES — STATISTICS.

1. Average operating expenses per mile of road.....	\$3,081 39
2. Average operating expenses per train mile.....	1 19.10
3. Cost of maintaining track and bridges per mile	59.88
4. Cost of repairs of engines per mile run.....	06.19
5. Cost of engineers, firemen and wipers per mile run.....	09.37
6. Cost of oil and waste per mile run.....	00.82
7. Cost of fuel used on locomotives per mile run.....	10.02

Northwestern Union Railway Company.

EARNINGS AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS AND OF EXPENSES PAID.

Gross earnings.....		\$277,239 28
Deduct operating expenses and taxes.....		192,987 55
Leaving net earnings.....		\$84,251 73
Amount of rentals paid ...	None.	
Amount of interest paid and sinking fund.....	\$250,496 08	
Total of rentals and interest		250,496 03
Balance .....		.....
Dividends paid, viz:		
None.		

EQUIPMENT.

Owns no equipment.

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. government for the transportation of its mails, and on what terms of service?
\$68.00 per mile per annum. Six times each way per week.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery, repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American Express Co., Milwaukee to Fond du Lac.
Rate per diem on limited tonnage, \$19.82. Limit of pounds, 8,000.
Rate per 100 pounds, whole length of route on excess of tonnage, \$2.00.
Express companies have no care of the machinery or repairs of cars, etc.
They do miscellaneous business — restricted to lighter articles properly belonging to express business.
The express companies deliver their freight into the company's cars.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what terms, and on what conditions as to rates, use of track, machinery, repairs of cars, etc? Do they use the cars of your company, or those furnished by themselves, and are their cars or their freight given any preference in speed or order of transportation, and if so, in what particular?
 - The cars of all transportation companies are allowed to run over the lines of this company — paying regular rates and receiving mileage.
 - The freight is carried in cars furnished by such transportation companies (excepting consignments of less than a car load).
 - Their freight has no preference other than freight of like class.

Northwestern Union Railway Company.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?
The Pullman Palace Cars are run with passenger trains.
This railway company hauls them, furnishes fuel and lights, and keeps in running order.
The Pullman Palace Car Company furnishes and provides for the care and management of the interior.
They are owned by the Pullman Palace Car company, and all charges in addition to the regular passenger rates are made and collected by that company.
5. Have you acquired any additional chartered rights under the special or general laws of this state, directly or indirectly, since your last report?
No.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
No.
7. Have you acquired any lines in or out of this state, purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
None.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
12. Have you made any reduction in such rates, from any stations, since the passage of said chapter?

STATEMENT to accompany Report to Railroad Commissioner, state of Wisconsin, for the year ending September 20, 1879.

Answering General Questions Nos. 11 and 12.

NOTE.—Statement shows advances and reductions in rates of freights since the report for the year ending Sept. 30, 1878, filed with R. R. Commissioner.

RATES BETWEEN MILWAUKEE AND—		GRAIN, CAR LOADS, PER 100 POUNDS.				FLOUR, IN BARRELS, IN CAR LOADS, PER BARREL.				LUMBER, IN CAR LOADS, PER 100 POUNDS.			
		Present rates.	Rates prior to Ch. 57.	Increase.	Decrease.	Present rates.	Rates prior to Ch. 57.	Increase.	Decrease.	Present rates.	Rates prior to Ch. 57.	Increase.	Decrease.
		cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
N. WESTERN UNION RY.	Lindworm .....	.05	N Stn.	.....	.....	10	N Stn.	.....	.....	.02 $\frac{1}{2}$	N Stn.	.....	.....
	Silver Springs .....	.05	N Stn.	.....	.....	10	N Stn.	.....	.....	.02 $\frac{1}{2}$	N Stn.	.....	.....
	St. Catherines .....	.....	.....	.....	.....	.....	.....	.....	.....	.03	N Stn.	.....	.....
	Granville .....	.....	.....	.....	.....	.....	.....	.....	.....	.03	.....	.....	.01
	West Bend .....	.06 $\frac{1}{2}$	.0744	.....	.094	13	14.88	.....	.188	.04 $\frac{1}{2}$	.0454	.....	.0004
	Kewashkum .....	.....	.....	.....	.....	.....	.....	.....	.....	.05	.057	.....	.007
	New Cassel .....	.....	.....	.....	.....	.....	.....	.....	.....	.06	.063	.....	.003

Northwestern Union Railway Company.

Northwestern Union Railway Company.

13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquors? If so, what is it, *and is it enforced?*
 The rules of this company prohibit the use of intoxicating liquors by conductors, engineers and trainmen, and are strictly enforced.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
 Nothing.

ACCIDENTS.

None.

NUMBER OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

Not kept separate from other loss and damage.

STATE OF ILLINOIS — *County of Cook* — ss.

Albert Keep, President, and J. B. Redfield, Secretary, of the Northwestern Union Railway Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

{ SEAL }

Signed,

ALBERT KEEP,
 J. B. REDFIELD.

Subscribed and sworn to, before me, Frank P. Crandon, this twenty-eighth day of November, A. D. 1879.

{ SEAL }

FRANK P. CRANDON,
Commissioner for the State of Illinois appointed by the Governor of Wisconsin to administer oaths, affirmations, etc.

Chicago, St. Paul & Minneapolis Railway Company.

REPORT
OF THE
CHICAGO, ST. PAUL & MINNEAPOLIS RAILWAY CO.,
For the Year Ending, September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President.....	H. H. Porter.....	Chicago, Ill.
Vice President.....	Wm. H. Ferry.....	Lake Forest, Ill.
Secretary.....	C. W. Porter.....	Hudson, Wis.
Treasurer.....	R. P. Flower.....	New York.
General Superintendent.....	E. W. Winter.....	Hudson, Wis.
Traffic Manager.....	F. B. Clarke.....	St. Paul, Minn.
Auditor.....	C. D. W. Young.....	Hudson, Wis.
Land Commissioner.....	C. W. Porter.....	Hudson, Wis.
General Solicitor.....	John C. Spooner.....	Hudson, Wis.
Chief Engineer.....	C. W. Johnson.....	Hudson, Wis.

1. General Offices at Hudson, St. Croix county, Wisconsin.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
David Dows.....	New York.	H. H. Porter.....	Chicago, Ill.
R. P. Flower.....	New York.	Wm. H. Ferry.....	L. Forest, Ill.
A. R. Flower.....	New York.	P. Sawyer.....	Oshkosh, Wis.
H. Siebert.....	New York.	R. R. Cable.....	R. Island, Ill.
A. B. Bayliss.....	New York.	John Comstock.....	Hudson, Wis.
Geo. Coplin.....	New York.	John C. Spooner.....	Hudson, Wis.
W. H. Leonard.....	New York.		

EXECUTIVE COMMITTEE.

R. P. FLOWER.
WM. H. FERRY.

DAVID DOWS.

R. R. CABLE.
H. H. PORTER.

Chicago, St. Paul & Minneapolis Railway Company.

2. Date of Annual Election of Directors, first Saturday after first Thursday in June, each year.
3. Name and address of person to whom correspondence concerning this report should be directed, C. D. W. Young, Auditor, Hudson, Wis.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income.....		\$1,070,203 50
2. Operating expenses		615,196 29
		\$455,007 21
3. Excess of income (not including taxes		40,353 77
4. Taxes.....		
5. Rentals (specifying amount to each Company).		
St. Paul, Stillwater and Taylor's Falls R. R.	\$28,144 98	
Rent of Hudson Branch.....	10,599 96	
6. Interest accrued during the year.		
On funded debt.....	305,102 34	
On other debt, interest and expenses	638 38	
7. Dividends declared.		
On preferred stock.....	None.	
On common stock	None	
Equipment as per statement attached.	123,616 46	
Construction, improvement, etc., as per		
statement attached.....	103,785 20	
Expenditures incident to purchase of West		
Wisconsin R'y.....	31,002 07	
		\$1,258,439 45
9. *Balance for the year — September 30, 1879 (deficit).....		\$188,235 95

CAPITAL STOCK.

Capital stock authorized by charter.....	\$5,000,000 00
How many kinds of stock at date of last report?	
Two.	
Amount of common stock at date of last report.....	4,000,000 00
Amount of preferred stock at date of last report....	1,000,000 00
	\$5,000,000 00
Total capital stock at date of last report	
Rate of preference.....	.....
How much stock has been issued since date of last report?	
None.	
Total amount of stock now outstanding.....	\$4,890,874 85
	\$4,890,874 85
Amount of stock per mile of road (exclusive of sidings) —	
[177 $\frac{7}{10}$ miles]	\$27,466 93
	\$27,466 93

Chicago, St. Paul & Minneapolis Railway Company.

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and when payable.	Date of Issue.	Rate of Interest.	Amount.
First mortgage railway bonds.....	N. York, May } 1, 1918..... }	May } 9, '78 }	6 p. ct. } Gold. }	\$3,000,000 00
Land grant income bonds.	N. York, May } 1, 1898..... }	May } 9, '78 }	6 p. ct. } Gold. }	2,043,500 00
2. Total bonded indebtedness				<u>\$5,043,500 00</u>
4. Amount per mile of road.....				\$28,382 10
5. Number of miles of road on which computations are made (on whole line).....				177 $\frac{7}{10}$

STATEMENT OF FLOATING OR UNSECURED DEBT.

(See general balance sheet on page 12.)

IMMEDIATE LIABILITIES.

1. Specify particularly, in what they consist:

Total.....

QUICK ASSETS.

1. Specify particularly:

Total.....

ANALYSIS OF EARNINGS.

	<i>Whole road.</i>	
1. From local passengers....	\$127,417 36	
2. From through passengers (to and from other roads).....	153,004 44	
3. From express	19,050 18	
4. From mails	11,843 27	
5. From other sources, passenger department.	2,160 02	
6. Total earnings from passenger department.	<u>313,475 27</u>	
7. From local freight.....	\$156,284 74	
8. From through freight (to and from other roads).....	\$600,443 49	
10. Total earnings from freight department....	<u>756,728 23</u>	
11. Total transportation earnings	<u>\$1,070,203 50</u>	
14. Total income from all sources.....	<u>\$1,070,203 50</u>	
15. Proportionate amount for Wisconsin.....	<u>\$944,240 54</u>	

Chicago, St. Paul & Minneapolis Railway Company.

ANALYSIS OF EXPENSES.

OPERATING EXPENSES.	Twelve months ending Sept. 30, 1879.	Wisconsin, Proportion, 88 23-100 p. c.
Repairs of locomotives and tenders	\$24,092 67	\$21,256 96
Repairs of cars	53,824 94	47,489 74
Repairs of buildings	8,360 99	7,376 90
Repairs of fences, gates and crossings	2,175 51	1,919 45
Repairs of bridges and culverts	13,995 38	12,348 12
Repairs of track	149,349 37	131,770 95
Repairs of tools and machinery	5,500 55	4,853 13
Fuel used by locomotives	64,633 48	57,026 12
Fuel and lights used in cars and at stations	5,100 12	4,499 84
Oil and waste used	4,652 17	4,104 61
Office and station furniture and expenses	3,807 28	3,359 16
Furniture and fixtures for cars	1,168 23	1,030 73
Foreign agents	4,032 36	3,557 75
Advertising	2,915 44	2,572 29
Stationery, printed blanks, tickets, etc.	5,708 51	5,036 62
Enginemen, firemen and wipers	53,202 53	46,940 59
Conductors, baggagemen and brakemen	39,262 30	34,641 13
Laborers and switchmen	43,882 95	38,717 93
Agents and clerks	53,597 18	47,288 79
Superintendence	17,549 84	15,484 22
Rents	19,161 75	16,906 41
Loss and damage (freight and baggage)	1,101 23	971 62
Loss and damage (stock killed, etc.)	3,013 35	2,658 68
Injury to persons	1,513 60	1,335 45
Teaming freight, baggage and mails	63 75	56 25
Insurance	1,063 25	938 11
Miscellaneous expenses	10,162 54	8,966 41
Car hire balance	13,787 85	12,165 02
New York office expenses	5,056 88	4,461 69
Operating North Wisconsin Railway (our pro- portion of joint expenses)	3,253 29	2,870 38
Rent of locomotives	207 00	182 64
Total	\$615,196 29	\$542,787 69
Add for taxes (actual)	40,353 77	37,795 73
Total	\$655,550 06	\$580,583 42

32. Total operating expenses, being 57 48-100 per cent. of earnings	\$615,196 29
33. Taxes	40,353 77
34. Total operating expenses and taxes, being 61 25-100 per cent. of earnings	\$655,550 06
35. Proportionate amount for Wisconsin, made on a basis of miles of road (taxes, actual)	\$580,583 42

Chicago, St. Paul & Minneapolis Railway Company.

**MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPT. 30, 1879.**

MONTHS.	Passeng- ers.	Freight.	Mails, Ex- press and other sourc's.	Total.
1878.				
October.....	\$27,939 41	\$68,723 05	\$2,809 08	\$99,471 54
November.....	21,827 08	72,860 54	2,753 24	97,440 86
December.....	20,032 77	74,146 65	2,696 84	96,876 26
1879.				
January.....	12,354 26	58,712 41	2,803 54	73,870 21
February.....	14,119 61	47,731 31	2,721 82	64,572 74
March.....	23,461 81	63,237 65	2,709 61	89,409 07
April.....	27,613 21	61,582 41	2,717 84	91,913 46
May.....	25,897 43	70,841 90	2,774 86	99,514 19
June.....	25,926 18	62,316 92	2,612 27	90,855 37
July.....	23,383 11	47,208 54	2,747 29	73,338 94
August.....	27,001 11	51,791 89	2,977 62	81,770 62
September.....	30,865 82	77,574 96	2,729 46	111,170 24
Totals.....	\$280,421 80	\$756,728 23	\$33,053 47	\$1,070,203 50
Propor. for Wis.	\$247,416 14	\$667,661 31	\$29,163 09	\$944,240 54

MONTHLY EXPENSES.

MONTHS.	Operating Expenses and Taxes.	Rentals.	Interest on Bonds & Pre- mium on Gold Coupons.	Total.
1878.				
October.....	\$49,613 41	\$2,891 30	\$24,487 50	\$76,992 21
November.....	49,055 14	2,724 40	24,816 71	76,596 25
December.....	48,601 26	3,066 04	24,490 63	76,157 93
1879.				
January.....	51,106 10	2,820 25	24,487 50	78,413 85
February.....	40,538 86	2,753 49	24,338 00	67,630 35
March.....	41,941 76	3,408 64	24,965 50	70,315 90
April.....	57,335 05	3,618 09	21,704 00	92,657 14
May.....	82,953 12	3,586 23	25,162 50	111,701 85
June.....	68,805 61	3,415 16	25,192 50	97,883 27
July.....	60,354 93	3,154 09	25,162 50	88,671 52
August.....	51,783 66	3,261 20	25,162 50	80,207 36
September.....	53,461 16	4,046 05	25,162 50	82,669 71
Total.....	\$655,550 06	\$38,744 94	\$305,102 34	\$999,397 34
Pro. for Wis.....	\$580,583 42	.....	\$305,102 34	\$885,685 76

Chicago, St. Paul & Minneapolis Railway Company.

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING
THE YEAR.

All expenditures appertaining to property accounts as mentioned herein are charged on the books of this company to income account. See statement, folio 2.

EXPENDITURES ACCOUNT.

NEW EQUIPMENT.

New locomotives	\$35,590 23
Passenger coaches and business car.....	20,313 54
Freight equipment	67,712 69
Total	<u>\$123,616 46</u>

CONSTRUCTION IMPROVEMENT, ETC.

Land, land damages, fences, etc.....	\$5,400 40
Bridges and culverts.....	46,190 66
Improvement of track.....	7,125 00
New track scales, Elroy.....	26 54
Improvement of telegraph.....	890 26
Connections and facilities between Hudson and Hudson City...	8,819 26
Connections and facilities at St. Paul and Pacific Junction...	11,519 92
New machinery at shops.....	4,211 93
Steam shovel and ballast unloader.....	5,750 02
Freight and passenger depots.....	6,907 70
Water stations and tanks.....	2,942 36
Expense attending issue of bonds.....	4,001 15
Total	<u>\$103,785 20</u>

COST OF ROAD.

See statement on folio 2.

PERSONS EMPLOYED.

WHOLE ROAD.

Agents, and clerks at all stations, including warehouse and yardmen	76
Master, and skilled mechanics, and helpers in shops —	
Machinery department	42
Car department	40
Blacksmiths and helpers.....	12
Laborers at shops	7
Conductors and trainmen.....	56
Engineers.....	
Dispatchers.....	
Firemen and wipers.....	
Flagmen, switchtenders, gatekeepers, and watchmen	
Section foremen	
Section laborers.....	
All other employes, including general officers	48
Total	<u>698</u>

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

Assets.	Dollars. Cts.		Liabilities.	Dollars. Cts.	
Cost of road and equipment	\$9,726,168	48	Capital stock	\$4,000,000	00
Land contracts of West Wisconsin Railway.	576,156	76	Preferred stock	1,000,000	00
Material and fuel on hand, cash on hand, amounts due from various individuals and corporations, due from station agents, United States Post Office Department, American Express Co., etc	313,232	85	First mortgage Railway bonds	3,000,000	00
Income account	344,343	96	Land grant income bonds	2,043,500	00
			Debt certificates, based on land contracts of West Wisconsin Railway	499,829	68
			Floating debt, covering pay rolls, unpaid vouchers for supplies, etc., not yet due, taxes, coupons outstanding, bills payable, not yet due, etc.	416,572	37
	\$10,959,902	05		\$10,959,902	05

Chicago, St. Paul & Minneapolis Railway Company.

Chicago, St. Paul & Minneapolis Railway Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

NAME OF DIVISION OR BRANCH.	To.	From.	Miles, Wis.	Miles, Minn.	Total.
Main line	Lake St. Croix . . .	Elroy .	177.7	.....	177.7
Divisions or branches:	None . . . . .	.....	.....	.....	.....
Length of single tr'k own'd . . . . .	.....	.....	177.7	.....	177.7
Total length of single and second track owned . . . . .	.....	.....	177.7	.....	177.7
Leased lines	Lake St. Croix . . .	St. Paul	.....	19.9	19.9
Branch	Stillwater Junction	Stillw'r	.....	3.8	3.8
Total leased lines . . . . .	.....	.....	.....	23.7	23.7
Total of lines owned . . . . .	.....	.....	177.7	.....	177.7
Total of lines owned, and leased lines . . . . .	.....	.....	177.7	23.7	201.4
Aggregate length of tracks operated by this company, computed as single track . . . . .	.....	.....	177.7	23.7	201.4

Number of junction stations ?

St. Paul, St. Paul and Pacific Junction, Stillwater Junction, Hudson, North Wisconsin Junction, Eau Claire, Merrillan, Wisconsin Valley Junction, Camp Douglas, and Elroy.

What is the gauge of your lines? 4 feet, 8½ inches.

DOINGS OF THE YEAR IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains	256,509
2. Number miles run by freight and mixed trains	404,910
3. Number miles run by wood, gravel and construction trains	111,326
4. Mileage of switching trains	111,754
5. Total mileage	884,499
6. Proportion for Wisconsin. (Give per centage and miles) (actual)	810,925

Chicago, St. Paul & Minneapolis Railway Company.

PASSENGERS CARRIED.

7. Total number of passengers carried. Whole road	159,017
8. Total number of passengers carried one mile (eastward) whole road	4,378,703
9. Total number of passengers carried one mile (westward) whole road	4,863,365
10. Total number of passengers carried one mile, whole road...	9,242,068
11. Rate per passenger per mile on whole line.....	03.03 cts.
12. Rate per passenger per mile in Wisconsin	No record.
13. Average distance traveled by each passenger.....	58.12 miles.

TONNAGE OF FREIGHTS CARRIED.

(Whole road.)

1. Grain	92,834
2. Flour and mill stuff.....	51,615
3. Provisions and other farm and animal products.....	5,800
4. Salt, cement, water-lime and stucco.	3,575
5. Manufactures, including agricultural implements, furniture and wagons (included in item 11).....	.....
6. Live stock	2,480
7. Lumber and forest products.....	66,607
8. Iron, lead, and mineral products.....	17,181
9. Stone, brick, lime, sand, etc.....	3,247
10. Coal	6,602
11. Merchandise and other articles.....	97,357
12. All other freights not above enumerated	17,473
13. Total freight in tons	364,771
14. Proportion for Wisconsin....	No record.
15. Number of tons of freight carried, one mile	49,466,595
16. Number of tons of freight carried (eastward)	191,974
17. Number of tons of freight carried (westward).....	172,797
18. Average rate per ton per mile on all freight carried.....	01.53cts.
19. Average rate per ton per mile on local freight	No record.

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

Year.	Cents.	Year.	Cents.
1873.....	2.50	1877.....	1.93
1874.....	2.43	1878.....	1.71
1875.....	2.10	1879.....	1.53
1876.....	1.90		

Chicago, St. Paul & Minneapolis Railway Company.

MILEAGE EARNINGS FOR THE YEAR.

	Whole Line.	Wisconsin.
1. Earnings per mile of road on freight. . . .	\$3,757 34	\$3,757 34
2. Earnings per mile of road on passengers. . . .	1,392 36	1,392 36
3. Earnings per mile of road on mails, express, and all other sources.	164 12	164 12
4. Total earnings per mile.	5,313 82	5,313 82
5. Net earnings per mile.	\$2,058 86	\$2,046 46
6. Earnings per train mile run, on freight. . . .	1 46	1 41
7. Earnings per train mile run, on passengers		
8. Earnings per train mile run, on mails, express, and all other sources.	1 22	1 19
9. Net earnings per train mile.	53.63	51.76
10. Of the earnings of the entire line, what is the ratio of passengers to freight? Answer: On whole line, as 4 to 10. In Wisconsin, 4 to 10.		
11. What is the rate of passenger per mile on whole line and in Wisconsin?	03.03	No record.
12. Number of passengers carried one mile on whole line and in Wisconsin.	9,242,068	No record.
13. Number of miles of operated road upon which above estimates are based.	201.4 miles.	177.7 miles.

MISCELLANEOUS OPERATING EXPENSES, STATISTICS.

1. Average operating expenses and taxes per mile of road whole road	\$3,254 96
2. Average operating expenses per train mile, whole road	84.78
3. Cost of maintaining track and bridges per mile whole road	16.29
4. Cost of repairs on engines per mile run whole road.	02.87
5. Cost of engineers and firemen per mile run whole road.	06.37
6. Cost of oil and waste per mile run, whole road.	00.37
7. Cost of fuel per mile run, whole road.	07.77

EQUIPMENT.

Number of locomotives (average number)	26
Number of passenger cars.	11
Number of baggage, mail, and express cars	7
Number of parlor and sleeping cars. None.	
Number of freight cars (basis of 8 wheels)	1051
Number of other cars (derrick car).	1

Chicago, St. Paul & Minneapolis Railway Company.

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
About \$60 per mile per annum.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American Express Company. Take freight at depots and pay a per diem on limited tonnage.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road, and on what terms, and on what conditions as to rates, use of track, machinery, repairs of cars, etc.? Do they use the cars of your company, or those furnished by themselves, and are their cars or their freight given any preference in speed or order of transportation, and if so, in what particular?
We haul cars of all Railroad Companies and Transportation Line in interchange of business, paying for use of same $\frac{3}{4}$ cent per mile per car for freight cars.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?
Pullman Palace Sleeping cars are run on all passenger trains, for the use of which this road pays two cents per mile run, which covers the use of same and ordinary repairs. In case of accident this road pays the cost of repairs, about \$1 for double berth is charged in addition to regular first class passenger fare.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this State, directly or indirectly, since your last report?
None.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other State, since your last report?
We acquired from the Legislature of Minnesota at its session of 1878-9, right to construct, maintain and operate, certain roads, etc., in that state, see chapter 183 of special laws of Minnesota for the year 1879.
7. Have you acquired any lines in or out of this State, by purchase, lease, consolidation or otherwise, since your last report?
None.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.

Chicago, St. Paul & Minneapolis Railway Company.

9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?

No.

10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?

On December 1, 1878, an arrangement was made with the North Wisconsin Railway Co. by which this Co. operate the line. We pay one-third of the expenses of train service, the North Wisconsin Railway paying two-thirds of same, and all expenses of station service, maintenance of track, etc., etc.

11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?

See tariff attached.

12. Have you made any reduction in such rates, from any station, since the passage of said chapter?

If you answer either of the questions 11 and 12, in the affirmative, annex to your reply schedules, naming the stations, with distance and rates in force at the time, and since the passage of said chapter, on 1st, 2d, 3d and 4th class of freight, and upon flour, grain, live stock, agricultural implements, salt and coal.

See tariff attached.

13. Has your company any rule governing your Conductors, Engineers, Trainmen and Switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?

The use of intoxicating liquors involves instant dismissal.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company since the date of your last report? If so, how many acres?

Nothing granted by state.

2. Have any United States lands been granted to your company, directly or indirectly, since the date of your last report?

Nothing granted by, or received from United States.

3. What number of acres sold and conveyed since date of your last report?

8,670.39 acres.

4. Average price, per acre, realized?

\$4.46.

5. Number of acres now held by company?

464,390.07 acres, of which "options of purchase" out for about 20,000 acres.

6. Average price asked for land now held by company?

No price fixed or estimated.

7. Amount of land sold, but not conveyed, under contracts now in force?

13,852.11 acres.

8. The whole amount of cash, principal and interest, received for lands hitherto sold and conveyed since date of last report?

In land grant income bonds..... \$37,755 00

In cash..... 974 00

\$38,729 00

9. Whole amount of cash received, principal and interest, on outstanding contracts in force, since date of last report?

\$17,245 41.

10. What amount of cash received, principal and interest, on contracts forfeited, since date of last report? Nothing.

Chicago, St. Paul & Minneapolis Railway Company.

11. What amount of cash received for stump-etc., since date of last report	\$2,735 81	
12. What have been your total receipts from lands sold, and contracted to be sold, since date of last report?		
In land grant income bonds	37,755 00	
In cash	18,219 41	
	<hr/>	\$55,974 41
13. What is the aggregate sum of receipts on account of lands, from all sources whatever, up to the present time?		
Since May 1, '78, in land grant income bonds	37,755 00	
Since May 1, '78, in cash	63,376 98	
	<hr/>	\$101,131 98
14. What is the amount now due the Company on lands sold, or contracted to be sold?		
Amount due on land contracts. Principal		\$99,612 03

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since date of last report? Nothing.

Chicago, St. Paul & Minneapolis Railway Company.

ACCIDENTS.

No. of Accidents.	STATEMENT OF EACH ACCIDENT.			From causes beyond their control.*		By own mis-conduct or want of caution.*		By mis-conduct or want of caution.†		
	Give name of person, date and place of accident.			Kill	Inj.	Kill	Inj.	Kill	Inj.	
1	Joseph Horner ..	Oct. 15, '78	Stillwater Junc. Minn.						1	Drunk on track.
2	Fred. Simon.....	Oct. '78	Fall Creek, Wis.....		1					Tr'ckman, eye inj. by piece of steel.
3	John McQuillan.	Mar'h 6, '79	Eau Claire, Wis.....			1				Fell from tender.
4	Ernest Elliott. . .	Apr. 1, '79	Rudds, Wis.....				1			Hand hurt.
5	Wm. Carle.....	Apr. 22, '79	Menomonie, Wis...				1			Fell from hand car.
6	Adam Ritter.....	Apr. 15, '79	Knapp, Wis.....						1	Struck by train while on trestle.
7	Chas. Peuse.....	Apr. 10, '79	Fall Creek, Wis.....				1			Fell from hand car.
8	Chas. Gunne....	Apr. 24, '79	Elroy, Wis.....			1				Run hand car on trestle.
9	E. J. Delane....	May 16, '79	Baldwin, Wis.....						1	Drunk on track.
10	Wm. Cadwell... .	June 8, '79	Hudson, Wis.....						1	Tried to steal a ride.
11	D. Barrett.....	May 7, '79	Hudson, Wis.....				1			Fell from flat car.
12	W. R. Wilbert... .	July 9, '79	Fall Cr'ek, Wis.....		1					Leg broken.
13	Jno. McCormick.	July 12, '79	Fall Creek, Wis.....				1			Ankle hurt in getting on train.
14	Jno. Klein.....	July 22, '79	Menomonie, Wis.....			1				Mason. Fell from bridge.
15	Chas. Meyer.....	Aug. 19, '79	Wilson, Wis.....					1		Struck by train.
16	Chas. Hoorey....	Sept. 6, '79	Knapp, Wis.....			1				Fell from flat car.
17	H. Durkee.....	Sept. 8, '79	Posts, Minn.....					1		Ankle slightly injured.
Totals, whole line.					2	4	6	1	4	
Totals for Wis...					2	4	6	1	3	

NOTE.— No litigation in any of above cases against Railway Company. Railway Company, in cases of injury, when necessary, has paid for medical attendance, etc., and in cases of death, has assisted in the burial.

* Employees.

† Other than employes.

Chicago, St. Paul & Minneapolis Railway Company.

- | | |
|---|-----------------|
| 1. Of the above accidents, those numbered as follows were caused by broken rails: | Total No. None. |
| 2. Of the above accidents those numbered as follows were caused by INATTENTION OF EMPLOYEES:
No. 12. Misplaced switch. | Total No. 1. |
| 3. Of the above accidents those numbered as follows were caused by COLLISIONS, not properly coming under 2: | Total No. None. |
| 4. Of the above accidents those numbered as follows were caused by explosions: | Total No. None. |
| 5. Amount paid as damages caused by fire from locomotives. | Nothing. |

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

In Wisconsin, October 1, 1878, to September 30, 1879.

	Number killed.	Amount paid.
1. Cattle (including calves)	78	\$1,263 00
2. Horses (including colts)	13	400 00
3. Mules	None.	.....
4. Sheep	None.	.....
5. Hogs	1	.....
6. Total	92	\$1,663 00

7. Amount claimed yet unsettled..... \$1,047 00

REMARKS.

No claims for stock killed in litigation.

STATE OF WISCONSIN — *County of St. Croix* — ss.

Edwin W. Winter, general superintendent, and C. D. W. Young, auditor, of the Chicago, St. Paul & Minneapolis Railway Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this Company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

{ SEAL. }

Signed,

E. W. WINTER.
C. D. W. YOUNG.

Subscribed and sworn to before me, at Hudson, Wis., this twenty-eighth day of November, A. D. 1879.

{ SEAL. }

F. H. HARVEY,
Notary Public, St. Croix Co., Wis.

North Wisconsin Railway Company.

REPORT
OF THE
NORTH WISCONSIN RAILWAY COMPANY.
For the Year Ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAME.	ADDRESS.
President	Philetus Sawyer	Oshkosh, Wis.
Vice President.....	John A. Humbird.....	Hudson, Wis.
Secretary	Wm. H. Phipps.....	Hudson, Wis.
Treasurer	John A. Humbird.....	Hudson, Wis.
Solicitor	John C. Spooner.....	Hudson, Wis.
Assistant Secretary.....	C. W. Hillard... ..	Chicago, Ill.
Assistant Treasurer	Wm. H. Ferry.....	Lake Forest, Ill.
General Superintendent	E. W. Winter.....	Hudson, Wis.
Land Commissioner & Auditor,	W. H. Phipps.....	Hudson, Wis.

1. General offices at North Hudson, Wisconsin.

NAMES OF DIRECTORS.	Residence.	NAMES OF DIRECTORS.	Residence.
Jacob Humbird...	Cumberland, Md.	R. P. Flower	New York City.
John A. Humbird.	Hudson, Wis.	R. R. Cable ...	Rock Island, Ill.
David Dows.....	New York City.	W. H. Ferry	Lake Forest, Ill.
Philetus Sawyer..	Oshkosh, Wis.	H. H. Porter	Chicago, Ill.
Edgar P. Sawyer..	Oshkosh, Wis.		

EXECUTIVE COMMITTEE.

H. H. PORTER. PHILETUS SAWYER. JOHN A. HUMBIRD.

2. Date of Annual Election of Directors, first Saturday after the first Tuesday in June in each year.
3. Name and address of person to whom correspondence concerning this report should be directed, William H. Phipps, Hudson, Wis.

North Wisconsin Railway Company.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income.....	\$79,036 60
2. Operating expenses.....	40,500 14
3. Excess of income.....	38,539 46
4. Taxes.....	1,106 61
6. Interest accrued during the year: On funded debt.....	\$82,500 00
8. Balance for the year — September 30, 1879 (deficit).....	<u>\$43,960 54</u>

CAPITAL STOCK.

Capital stock authorized by charter..... \$300,000 00
 How many kinds of stock at date of last report? One kind.

Total capital stock at date of last report..... \$106,500 00

How much stock has been issued since date of last report? None.

Total amount of stock now outstanding..... \$106,500 00
 Amount of stock per mile (exclusive of sidings)..... \$1,775

FUNDED AND UNFUNDED DEBT.

1. Describe specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and When Payable.	Date of issue.	Rate of interest.	AMOUNT.
First Mortgage Bonds.....	New York, June & Dec.	1873 Jan. 6	7 per ct.	\$63,000 00
First Mortgage Land Grant Sinking Fund Bonds.....	New York, Jan. & July.	1874 May 29	10 per ct.	825,000 00
2. Total bonded indebtedness.....				<u>\$888,000 00</u>
4. Amount per mile of road. \$15,325.00 per mile 1st 40 miles; \$13,750.00 per mile 2d 20 miles.				
5. No. of miles of road on which computations are made (on whole line) 60 miles.....				14,800

9. Aggregate of capital stock; funded and unfunded debt.... 994,500 00
 11. Amount of stock and funded debt per mile..... 16,575 00

North Wisconsin Railway Company.

ANALYSIS OF EARNINGS.

1. From local passengers:.....	\$13,017 53
2. through passengers (to and from other roads).....	2,464 06
3. express	587 51
4. mails	2,148 50
5. other sources, passenger department	31 63
<hr/>	
6. Total earnings from passenger department.....	\$18,249 23
7. local freight	37,928 76
8. through freight (to and from other roads).....	22,861 61
9. other sources, freight department.....	.....
10. Total earnings from freight department.....	60,790 37
11. Total transportation earnings.....	79,039 60
<hr/>	
15. Total income from all sources.....	\$79,039 60

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks	\$3,858 31
2. Legal expenses .....	.....
3. Insurance.....	63 00
4. Stationery and printing includes No. 5	445 08
5. Outside agencies and advertising.....	.....
6. Contingencies and miscellaneous	1,843 93
7. Repairs of bridges (including culverts and cattle guards).	506 90
8. Repairs of buildings	66 72
9. Repairs of fences, road-crossings, and signs.....	31 34
10. Renewal of rails.....	.....
No. tons laid.....	
11. Renewal of ties	4,537 26
No. laid, 20,042.	
12. Repairs of road-bed and track.....	8,752 41
13. Repairs of locomotives	531 48
14. Fuel for locomotives	2,958 79
15. Water supply	287 56
16. Oil and waste ..	155 07
17. *Locomotive service.....	1,504 29
18. Repairs of passenger cars	[Inc. in No. 22].
19. *Passenger train service.....	[Inc. in No. 23].
20. Passenger train supplies	[Inc. in No. 24].
21. † Mileage passenger cars. None.	
22. Repairs of freight cars	1,611 92
23. *Freight train service	1,749 82
24. Freight train supplies	53 89
25. † Mileage freight cars	1,295 34
26. Telegraph expenses.....	40 65
27. Loss and damage, freight and baggage	11 97
28. Loss and damage, property and cattle	303 90
29. Personal injuries	294 41
30. Agents and station service	3,160 30
31. Station supplies.....	604 19
<hr/>	
32. Total operating expenses, being 44 per cent. of earnings	\$34,668 53
33. Taxes.....	1,106 61
<hr/>	
34. Total operating expenses and taxes, being 45½ per cent. of earnings	\$35,775 14

* Salaries and wages.

† Debit balances.

*North Wisconsin Railway Company.*MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPTEMBER 30, 1879.

MONTHS.	Passengers.	Freight.	Mail, expr'ss and all other sources.	Total.
1878.				
October	\$1, 148 95	\$6, 433 86	\$181 01	\$7, 763 82
November	1, 318 20	4, 746 82	183 45	6, 248 47
December	1, 378 93	4, , 08 19	246 43	6, 333 55
1879.				
January	878 74	4, 708 22	197 35	5, 784 31
February	838 97	7, 580 32	199 86	8, 619 15
March	1, 259 34	6, 537 07	197 08	7, 993 49
April	1, 279 83	4, 389 36	202 78	5, 871 97
May	1, 181 02	4, 820 55	202 44	6, 204 01
June	1, 361 64	4, 584 17	192 13	6, 137 94
July	1, 870 22	4, 236 80	411 61	6, 518 63
August	1, 293 89	3, 359 47	271 11	4, 924 47
September	1, 671 86	4, 685 54	282 39	6, 639 79
Totals	\$15,481 59	\$60,790 37	\$2,767 64	\$79,039 60

MONTHLY EXPENSES.

MONTHS.	Operating expens's and taxes.	Interest.	Total.
1878.			
October	\$2, 922 68	\$525 00	\$3, 447 68
November	3, 340 66	525 00	3, 865 66
December	2, 930 92	367 50	3, 298 42
1879.			
January	2, 474 88	367 50	2, 842 38
February	2, 702 22	367 50	3, 069 72
March	2, 868 48	367 50	3, 235 98
April	2, 750 50	367 50	3, 118 00
May	3, 916 61	367 50	4, 284 11
June	3, 714 34	367 50	4, 081 84
July	2, 683 18	367 50	3, 050 68
August	2, 406 11	367 50	2, 773 61
September	3, 064 56	367 50	3, 432 06
Totals	\$35,775 14	\$4,725 00	\$40,500 14

North Wisconsin Railway Company.

**PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING
THE YEAR.**

1. Grading and masonry	\$83,319 37
2. Bridging	9,159 99
3. Superstructure, including rails	102,849 80
4. Land, land damages and fences	2,310 49
5. Passenger and freight stations, wood sheds and water stations	2,874 30
6. Engine houses, car sheds and turn-tables	957 99
7. Machine shops	
8. Engineering, agencies, salaries, and other expenses during construction	5,565 72
10. Total for construction	\$207,037 66
11. Locomotives	7,005 21
12. Parlor and sleeping cars	
13. Passenger, mail, and baggage cars	
14. Freight and other cars	1,428 12
15. Total for equipment	\$8,433 32

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. *Cost of line at date of last report	\$1,092,429 69
2. Paid for construction during the year, as per construction account on page 10	207,037 66
3. Paid for equipment during the year, as per equipment account on page 10	8,433 33
4. Total expended for construction and equipment during the year ending September 30, 1879	215,470 99
5. Total cost of entire line to date, Sept. 30, 1879	\$1,307,900 68

PERSONS EMPLOYED AND SALARIES PAID.

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Division, assistant superintendents and roadmasters			
Clerks in general offices	1	900 00	900 00
Agents and clerks at all stations	7	480 00	3,360 00
Master, and skilled mechanics			
Helpers in shops			
Conductors	1	1,000 00	1,000 00
Engineers	1	1,200 00	1,200 00
Firemen and wipers	2	540 00	1,080 00
Brakemen	3	540 00	1,620 00
Flagmen, switchtenders, gatekeepers, and watchmen			
Section foremen	6	510 00	3,060 00
Section laborers	32	390 00	12,480 00
All other employes			

*Error in last year's statement above is correct.

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

ASSETS.	Dollars. Cts.	LIABILITIES.	Dollars. Cts.
Construction and Equipment	\$1,307,900 68	Common stock	\$106,500 00
Stock of material, fuel, etc., balances due from various individuals, cash on hand, and vari- ous operating assets	29,870 97	Land grant bonds.	825,000 00
	\$1,337,271 65	First mortgage bonds.....	63,000 00
		Unfunded and floating debt	245,022 73
		Income account.....	97,748 92
			\$1,337,271 65

North Wisconsin Railway Company.

North Wisconsin Railway Company.

CHARACTERISTICS OF ROAD.
ROADS OWNED.

NAME OF DIVISION OR BRANCH.	To.	From.	Total miles.
Main line	North Wis. Junction.	Granite Lake	60
Sidings			2
Total miles of track owned, including second track and sidings ..			62
What is the gauge of your lines? Four feet and eight inches.			

DOINGS OF THE YEAR IN TRANSPORTATION.

No record kept.

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight	\$1,013 17
2. Earnings per mile of road on passengers.....	258 03
3. Earnings per mile of road on mails, express, and all other sources.....	46 12
4. Total earnings per mile.....	\$1,317 32
5. Net earnings per mile	\$642 32
10 Of the earnings of the entire line, what is the ratio of passengers to the freight? Answer: On whole line, In Wisconsin, as 1 to 4.	
13. Give number of miles of operated road upon which above estimates are based	60

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road	\$596 25
2. Average operating expenses per train mile.....	.....
3. Cost of maintaining track and bridges per mile	229 94

EARNINGS AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings	\$79,039 60
Deduct operating expenses and taxes	35,775 14
Leaving net earnings	\$43,264 46
Amount of interest paid.....	\$4,725 00
Balance	\$38,539 46
Dividends paid, viz., none.	

North Wisconsin Railway Company.

EQUIPMENT.

	Owned.	Total.
Number of locomotives.....	1	1
Number of passenger cars.....	1	1
Number of baggage, mail, and express cars.....	1	1
Number of parlor or sleeping cars.....	.....	.....
Number of freight cars, basis of 8 wheels.....	40	40
Number of other cars.....	1	1

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
\$1,881.00 per annum between Hudson and Clayton, and pro amount beyond. One mail train each way per day.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery, repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American Express Company. They pay an average of 27 cents per 100 pounds on all express matter between Hudson and Cumberland.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
None.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road?
No.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this state, directly or indirectly, since your last report?
No.

NOTE — Chapter 22, of the laws of Wisconsin exempts the lands of the company from taxation for the period and upon the terms therein provided.

6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other state, since your last report?
No.
7. Have you acquired any lines in or out of this state, by purchase, lease, consolidation or otherwise, since your last report?
No.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
No.

North Wisconsin Railway Company.

9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
No.
10. What running arrangements have you with other railroad companies, setting forth the contracts for the same, made since the date of your last report?
December 1, 1878, an arrangement was made with the Chicago, St. Paul & Minneapolis company, by which that company operated the line, we paying two-thirds of the expenses of train service, the Chicago, St. Paul & Minneapolis Railway company paying one-third of the same, we paying all expenses of station service, maintenance of track, etc.
11. Have you made any advance in the rates of freight, from stations on your lines, since the enactment of chapter 57, of the laws of 1876?
No.
12. Have you made any reduction in such rates, from any stations, since the passage of said chapter?
No.
13. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquor? If so, what is it, *and is it enforced?*
Immediate dismissal. It is enforced.

LANDS RECEIVED AND SOLD, ETC.

1. Have any swamp or other state lands been granted your company since the date of your last report? If so, how many acres?
None.
2. Have any United States lands been granted to your company, directly or indirectly, since the date of your last report? What number of acres received by your company, directly or indirectly, since date of last report?
None.
3. What number of acres sold and conveyed since date of your last report?
26,278.92.
4. Average price, per acre, realized?
About \$4.67.
5. Number of acres now held by company?
259,013.01.
6. Average price asked for lands now held by company?
\$2.50 per acre for agricultural lands. No estimate on timber lands.
7. Amount of land sold, but not conveyed, under contracts now in force?
14,016.46.
8. The whole amount of cash, principal and interest, received for lands hitherto sold and conveyed, since date of last report?
\$123,538.90.
9. Whole amount of cash received, principal and interest, on outstanding contracts in force, since date of last report?
\$28,743.68.
10. Whole amount of cash received, principal and interest, on contracts for feited, since date of last report?
\$30 00.
11. Whole amount of cash received for stumpage, trespasses, &c., since date of last report?
\$25,951.78.

North Wisconsin Railway Company.

12. What have been your total receipts from lands sold, and contracted to be sold, since the date of last report?
\$152,282.58.
13. What is the aggregate sum of receipts on account of lands, from all sources whatever, up to the present time?
\$323,866.35.
14. What is the amount now due the Company on lands sold, or contracted to be sold?
\$103,761.01.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since date of last report?
Nothing.
2. Amount of city, county and town aid granted to Company in exchange for stock, or otherwise? Specify particulars since date of last report, giving particularly the town, village or city, together with the amount?
None.

ACCIDENTS.

No. of Accidents.	STATEMENT OF EACH ACCIDENT. Give name of person, date, and place of accident.	By their own misconduct or want of caution.		Damages claimed.	Damages paid.
		Kill	Inj.		
1	Alfred Root, 12th December, 1878, Marsh Lake.....	1	None.	Funeral expenses paid by Company.
2	Thomas Campbell, 13th January, 1879, near Clayton .....	....	1	
3	Chas. D. Foster, 10th May, 1879, North Wis. Junction .....	....	1	
4	Peter White, 16th July, 1879, New Richmond .....	....	1	
	Totals on whole line.....	....	....
	Totals for Wisconsin	1	3		

2. Of the above accidents, those numbered as follows were caused by inattention of employees:
Total No., 4.

North Wisconsin Railway Company.

NUMBER AND KIND OF FARM-ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number Killed.	Amount Paid.
1. Cattle.....	6	\$128 90
2. Horses.....	1	75 00
3. Mules.....	1	100 00
4. Sheep.....		
5. Hogs.....		
6. Total.....	8	\$103 90

STATE OF WISCONSIN — *County of St. Croix* — ss.

John A. Humbird, Vice President, and William H. Phipps, Auditor, of the North Wisconsin Railway Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,

{ SEAL. }

J. A. HUMBIRD,
Vice President.
WM. H. PHIPPS,
Auditor.

Subscribed and sworn to, before me, at Hudson. Wis., this 28th day of November, A. D. 1879.

{ SEAL. }

F. H. HARVEY,
Notary Public, St. Croix Co., Wis.

Hudson & River Falls Railway Company.

REPORT

OF THE

HUDSON & RIVER FALLS RAILWAY COMPANY,

(OPERATED BY THE ST. PAUL, STILLWATER & TAYLORS FALLS R. R. CO.)

For the year ending September 30, 1879.

OFFICERS OF THE COMPANY.

OFFICERS.	NAMES.	ADDRESS.
President	Horace Thompson.....	St. Paul, Minn.
Vice President.....	A. D. Andrews.....	River Falls, Wis.
Secretary	Cyrus L. Hall	Hudson, Wis.
Treasurer	Horace Thompson.....	St. Paul, Minn.

1. General offices at Hudson, Wis.

Names of Directors.	Residence.	Names of Directors.	Residence.
A. D. Andrews	River Falls, Wis.	D. M. Sabin	Stillwater, Minn.
John Comstock.....	Hudson, Wis.	E. R. Stephens	River Falls, Wis.
E. B. Gibbs.....	St. Paul, Minn.	H. Thompson	St. Paul, Minn.
C. Gotzian.....	St. Paul, Minn.	A. P. Weld	River Falls, Wis.
R. F. Hersey	Stillwater, Minn.	A. H. Wilder	St. Paul, Minn.
C. L. Hall.....	Hudson, Wis.	T. E. Williams	Hudson, Wis.
H. H. Porter.....	Chicago, Ills.		

EXECUTIVE COMMITTEE.

HORACE THOMPSON. E. B. GIBBS. THOMPSON E. WILLIAMS.

2. Date of annual election of Directors. Last Thursday in January.
3. Name and address of person to whom correspondence concerning this report should be directed.
C. L. Hall, secretary, Hudson, Wis.

Hudson & River Falls Railway Company.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income for 11 months ending Sept. 30th.....	\$19,888 43
2. Operating expenses.....	8,814 57
3. Excess of income.....	11,073 88
4. Taxes. None paid.	
5. Rentals, (specifying amount to each company). None.	
6. Interest accrued during the year.....	12,770 29
On funded debt for 11 months	\$9,166 63
On other debt.....	3,603 66
7. Dividends declared. None.	
8. *Balance for the year — Sept. 30, 1879. Deficit.....	1,696 41

CAPITAL STOCK.

Capital stock authorized by charter.....	\$125,000 00
Total amount of stock now outstanding.....	\$125,000 00
Amount of stock per mile of road (exclusive of sidings).....	\$9,720 00

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and when payable.	Date of issue.	Rate of interest.	Amount.
First mortg'ge bonds	New York City, July 1, 1908.....	July 1, '78 }	8 per ct.	\$125,000 00
Certificate of indebtedness	1st Nat'l Bank, St. Paul.....			
Bills payable.....			8 per ct.	12,600 00 8,000 00
2. Total bonded indebtedness				\$125,000 00
4. Amount per mile of road.....				\$10,000 00
5. No. of miles of road on which computations are made on whole line.....			121½	
7. Net cash realized from sale of bonds.....				
8. Amount of unfunded and floating debt				8,000 00
9. Aggregate of capital stock; funded and unfunded debt.....				267,100 00
11. Amount of funded and unfunded debt per mile				21,368 00

ANALYSIS OF EARNINGS.

The road is operated by the St. Paul, Stillwater & Taylor's Falls Co., and its earnings are in the nature of rent; therefore, we cannot make an analysis.

Hudson & River Falls Railway Company.

ANALYSIS OF EXPENSES.

1. Salaries of general officers and clerks.....	.....
2. Legal expenses.....	.....
3. Insurance .....	.....	\$60 00
12. Repairs of road-bed and track.....	.....	1,903 94
13. Repairs of locomotives.....	.....	.....
14. Fuel for locomotives...: .....	.....	559 87

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING
THE YEAR.

10. Total for construction	\$267,100 00
17. Total expenditures charged to property accounts	267,100 00

COST OF ROAD.

5. Total cost of entire line to date, September 20, 1879.....	\$267,100 00
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GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

ASSETS.	Dollars. Cts.		LIABILITIES.	Dollars. Cts.	
Cost of road	\$267,100	00	Capital stock	\$121,500	00
			First mortgage bonds	125,000	00
			Certificate of indebtedness	12,600	00
			Bills payable	8,000	00
	\$267,100	00		\$267,100	00

Hudson & River Falls Railway Company.

CHARACTERISTICS OF ROAD.

Main line: To River Falls from Hudson	<u>12½ miles</u>
Length of single track owned	12½ miles.
Sidings	<u>1½ miles.</u>
Total miles of track owned.....	<u>14 miles.</u>

STATE OF WISCONSIN — *County of St. Croix* — ss.

Cyrus L. Hall, being duly sworn, says that he is the Secretary of the Hudson and River Falls Railway Company, that he has personally prepared the statements on page one (1) of the foregoing report, that he has caused the statements on the subsequent pages of the same to be prepared by the proper officers and agents of the company operating said Railway, and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of his knowledge and belief.

{ SEAL }

Signed,

CYRUS L. HALL,

Subscribed and sworn to, before me, this second day of December, A. D. 1879.

{ SEAL }

JOHN W. BASHFORD,
Notary Public, St. Croix Co., Wis.

Milwaukee, Lake Shore & Western Railway Company.

REPORT

OF THE

MILWAUKEE, LAKE SHORE & WESTERN RAILWAY COMPANY.

For the fiscal year ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	NAMES.	ADDRESS.
President.....	F. W. Rhinelande.....	New York.
Vice-President.....	Wm. H. Guion.....	New York.
Secretary.....	A. L. Cary.....	Milwaukee.
Assistant Secretary.....	Samuel S. Sands.....	New York.
Treasurer.....	Archibald Rogers.....	Milwaukee.
Assistant Treasurer.....	Gordon Norrie.....	New York.
Solicitors.....	Cottrill & Cary.....	Milwaukee.
General Superintendent and Chief Engineer.....	H. G. H. Reed.....	Milwaukee.
Assistant Superintendent.....	J. Donahue.....	Manitowoc.
General Freight and Passenger Agent.....	H. F. Whitcomb.....	Milwaukee.
Auditor.....	C. F. Rand.....	Milwaukee.

1. General offices at

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
F. A. Rhinelande.....	New York.	W. K. Hinman.....	New York.
Adam Norrie.....	New York.	Gordon Norrie.....	New York.
Samuel S. Sands.....	New York.	Isaac Knox.....	St. Louis.
Chas. Dana.....	New York.	D. Parish.....	Philadelphia.
H. P. Hammond.....	New York.	Joseph Vilas.....	Manitowoc.
Wm. H. Guion.....	New York.	James H. Mead.....	Sheboygan.
Morris K. Jesup.....	New York.		

2. Date of annual election of directors, second Wednesday in June.

3. Name and address of person to whom correspondence concerning this report should be directed. C. F. Rand, Auditor.

Milwaukee, Lake Shore & Western Railway Company.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

1. Total income.....		\$287,505 22
2. Operating expenses.....		190,584 21
3. Excess of income.....		<u>\$96,921 01</u>
4. Taxes (included in operating expenses).....	\$1,310 86	.....
6. Interest accrued during the year:		
On funded debt.....	\$59,547 80	.....
On other debt.....	6,189 63	.....
		<u>65,737 43</u>
7. Dividends declared.....		.....
8. Balance for the year — September 30, 1879.....		<u><u>\$31,183 58</u></u>

CAPITAL STOCK.

Capital stock authorized by charter.....	\$6,000,000 00
How many kinds of stock at date of last report?	
Two.	
Amount of common stock at date of last report	1,000,000 00
Amount of preferred stock at date of last report	5,000,000 00
Total capital stock at date of last report.....	<u><u>\$6,000,000 00</u></u>

Rate of preference:

Preferred stock to have a dividend of seven per cent per annum from the net earnings after payment of interest on the first mortgage bonds and before dividends are made on the common stock, with right to reserve a reasonable working capital before declaring or paying a dividend on the preferred stock.

How much stock has been issued since date of last report?

None.

Total amount of stock now outstanding.....	\$6,000,000 90
Amount of stock per mile of completed road (exclusive of sidings) 162 $\frac{4}{10}$ miles.....	36,945 81

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and When Payable.	Date of issue.	Rate of interest.	Amount.
First Mortgage bonds.....	New York, December 1st, 1905.....	Dec. 20 1875	Seven per cent.	\$750,000 00
Northern Div. First Mortgage bonds..	New York, March 1st, 1909.....	March 1 1879	Seven per cent.	800,000 00
	Amount authorized....	.....	.....	360,000 00
	Amount outstanding at date of this report....	.....	.....	<u>360,000 00</u>
2. Total bonded indebtedness.....				<u><u>\$1,110,000 00</u></u>

Milwaukee, Lake Shore & Western Railway Company.

4. amount per mile of road.....	
5. No. of miles of road on which computations are made (on wholeline).....	
7. Net cash realized from sale of bonds:	
476 first mortgage bonds net cash to us	\$359,744 36
274 first mortgage bonds paid for right of way and equipment, etc	274,000 00
360 North Division bonds net cash to us	309,550 00
8. Amount of unfunded and floating debt, including liabilities incurred in constructing extension of North Division and Oshkosh branch, new equipment and September operating expenses.....	105,231 97
9. Aggregate of capital stock; funded and unfunded debt...	7,215,231 97
11. Amount of funded and unfunded debt.....	

ANALYSIS OF EARNINGS.

1. From local passengers.....	\$76,606 17
2. From through passengers (to and from other roads).....	8,261 70
3. From extra baggage	795 55
express	1,810 09
4. From mails.....	10,089 04
5. From other sources, passenger department, sleeping cars...	691 00
6. Total earnings from passenger department.....	98,153 55
10. Total earnings from freight department.....	188,829 01
11. Total transportation earnings.....	
13. Income from all other sources (specifying same).....	
Micellaneous earnings account	\$218 09
Car service earnings	304 57
	<u>522 65</u>
14. Total income from all sources.....	<u><u>287,505 22</u></u>

ANALYSIS OF EXPENSES.

1. Salaries and expenses of general officers and clerks	\$24,400 36
2. Legal expenses.	3,846 96
3. Insurance rehts.....	1,512 06
4. Stationery, printing and advertising.....	3,693 73
5. Outside agencies and advertising.....	
6. Contingencies and miscellaneons.....	860 99
7. Repairs of bridges (including culverts and cattle guards).....	1,774 58
8. Repairs of buildings	636 28
9. Repair of fences, road-crossings, and signs.....	235 65
10. Renewal of rails... [No. tons laid, 171 2135-2245.]	4,461 87
11. Renewal of ties	39,160 59
12. Repair of road-bed and track.....	
13. Repairs of locomotives.....	5,963 36
14. Fuel consumed.....	19,960 97
15. Water supply included in station service.....	
16. Oil and waste.. ..	2,230 74

Milwaukee, Lake Shore & Western Railway Company.

ANALYSIS AND EXPENSES — *Concluded.*

17. * Locomotive service	19,346 61
18. Repairs of cars.....	7,071 85
19. Train service.....	16,519 93
20. Train and station supplies.....	1 852 92
22. Repairs of tools and machinery.....	953 34
23. * Freight train service.	
24. Freight train supplies.	
25. † Mileage freight cars	1,000 55
26. Telegraph expenses.	
27. Loss and damage, freight and baggage.....	} 904 28
28. Loss and damage, property and cattle.....	
29. Personal injuries.....	38 50
30. * Agents and station service.....	32,485 67
31. Interest and discount.....	311 55
<hr/>	
32. Total operating expenses, being . . per cent of earnings.	
33. Taxes.....	\$1,310 87
<hr/>	
34. Total operating expenses and taxes, being 66 3-10 per cent of earnings.....	<u>\$190,534 21</u>

MONTHLY EARNINGS FROM ALL SOURCES, FOR THE YEAR
ENDING SEPTEMBER 30, 1879.

MONTHS.	Passengers.	Freight.	Mail, express and all other sources. Pas- senger dep't.	Total.
1878.				
October.....	\$7,384 49	\$20,380 70	\$906 35	\$28,671 54
November	7,296 57	16,736 21	942 00	24,974 78
December.....	6,908 38	13,757 08	948 20	21,613 66
1879.				
January	5,951 60	14,278 83	939 15	21,169 58
February	5,381 16	13,544 08	940 09	19,865 33
March.....	6,652 63	16,680 38	938 15	25,271 16
April.....	7,059 00	15,169 17	938 15	23,166 32
May	6,610 14	16,193 29	938 15	23,741 58
June	7,861 27	15,752 82	1,326 36	24,940 45
July	7,763 94	12,061 85	1,482 55	21,308 34
August	8,341 66	13,457 89	981 92	22,781 47
September	8,043 58	20,816 71	1,140 72	30,001 01
Totals	\$36,254 42	\$188,829 01	\$12,421 79	\$287,505 22

* Salaries and wages.

† Debit balances.

Milwaukee, Lake Shore & Western Railway Company.

MONTHLY EXPENSES.

MONTHS.	Operating expenses and taxes.	Interest and dividends.	Totals.
1878.			
October	\$16,053 63		
November	15,324 95		
December	16,060 94		
1879.			
January	14,686 62		
February	13,667 60		
March	16,187 35		
April	14,240 47		
May	15,083 62		
June	16,142 39		
July	15,756 67		
August	18,983 95		
September	18,396 02		
Totals	\$190,584 21	\$65,737 43	\$256,321 64

PROPERTY ACCOUNTS: CHARGES AND CREDITS DURING THE YEAR.

From the proceeds of sale of 1st mortgage bonds, we have invested in extending the Northern Division from Clintonville to a point in town 28, R. 10....	\$135,552 18		
Also in the construction of a branch road from Hortonville to Oshkosh	68,791 85		
(Both of above extensions being at this date in process of construction.)			
Right of way, old line	8,194 77		
New fences, old line	7,058 69		
New buildings and water tanks, old line	1,674 83		
New tools and machinery	3,397 01		
New bridges and culverts	156 58		
Real estate	530 00		
Other extraordinary expenses	895 69		
Total for construction			\$226,251 60
2 sleeping cars	10,562 80		
2 locomotives	13,972 72		
40 flat cars	16,322 94		
Total equipment			40,858 46
Total expenses charged to property account			\$267,110 06

Milwaukee, Lake Shore & Western Railway Company.

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

1. Cost of line at date of last report, Sept. 30, 1878	\$6,824,310 86
2. Paid for construction during the year, as per construction account on preceding page	226,251 60
3. Paid for equipment during the year, as per equipment account on preceding page	40,858 46
4. Total expended for construction and equipment during the year ending Sept. 30, 1879.	267,110 06
5. Total cost of entire line to date, Sept. 30, 1879.	<u>\$7,091,420 92</u>

PERSONS EMPLOYED AND SALARIES PAID.

(On basis of September pay rolls.)

	No. of persons employed.	Average salary per annum.	Total salaries.
1. Assistant superintendents	1	.....	\$1,800 00
Roadmasters	1	.....	960 00
Clerks in general offices	9	\$651 65	6,520 00
Agents, and clerks at all stations	45	442 20	19,899 20
Master and skilled mechanics	13	693 12	9,010 56
Helpers in shops	26	351 00	9,126 00
Conductors	12	825 50	9,906 00
Engineers	15	832 08	12,481 20
Firemen and wipers	28	365 40	10,231 20
Brakemen	24	380 00	9,120 00
Flagmen, switchtenders, gatekeepers, and watchmen	5	376 68	1,883 40
Section foremen	23	480 00	11,040 00
Section laborers	90	300 00	27,000 00
All other employes, except those employed in construction of new road ..	55	330 00	18,150 00

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

ASSETS.	Dollars. Cts.		LIABILITIES.	Dollars. Cts.	
Cost of road and equipment.....	7,091,420	92	Capital stock preferred.....	5,000,000	00
Capital stock preferred, in trust	55,749	84	Capital stock, common.....	1,000,000	00
Material and fuel on hand.....	11,988	07	Funded debt.....	1,110,000	00
1 City of Appleton bond.....	1,000	00	Floating indebtedness.....	107,731	97
Due from agents, conductors, U. S. Government, R. R. Companies, and various persons..	13,646	99			
Cash.....	11,237	64			
Income	32,688	51			
	\$7,217,731	97		\$7,217,731	97

No. 5.]

RAILROAD COMMISSIONER.

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Milwaukee, Lake Shore & Western Railway Company.

Milwaukee, Lake Shore & Western Railway Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	From.	To.	
*Main line	Milwaukee	Clintonville..	156.4
Division or branches.....	Manitowoc ...	Two Rivers .	6
Length of single track owned.....			162.4
Sidings			9.3
Total miles of track owned, including second track and sidings			171.7
Number of junction stations.....			6
What is the gauge of your line?.....			4 8½

DOINGS OF THE YEAR IN TRANSPORTATION.

(Mileage and Tonnage.)

MILEAGE.

1. Number miles run by passenger trains	102,799
2. Number miles run by freight and mixed trains.....	158,994
3. Number miles run by wood, gravel and construction trains	48,846
4. Mileage of switching trains.....	51,977
5. Total mileage	362,607

PASSENGERS CARRIED.

7. Total number of passengers carried.....	76,983
10. Total number of passengers carried one mile.....	2,505,528
11. Rate per passenger per mile on whole line	03.4
13. Average distance traveled by each passenger	32.5

*3.6 miles of this from Milwaukee to Lake Shore Junction is owned by the Chicago & Northwestern Railway company; we use it jointly.

Milwaukee, Lake Shore & Western Railway Company.

TONNAGE OF FREIGHTS CARRIED.

	TONS.	LBS.
1. Grain	26,826	1,139
2. Flour	5,387	1,480
3. Provisions	7,832	0.070
4. Salt, cement, water line and stucco.....	2,122	457
5. Manufactures, including agricultural implements, furniture and wagons.....	20,402	1,313
6. Live stock	2,792	1,360
7. Lumber and forest products.....	36,106	2,010
8. Iron, lead and mineral products.....	23,200	1,455
9. Stone, brick, lime, sand, etc.....	6,657	0.730
10. Coal	4,698	220
11. Merchandise and other articles.....	22,923	1,806
12. All other freights not above enumerated.....		
13. Total freight in tons	158,950	140

15. Number of tons of freight carried one mile.....	9,276,023	338
16. Number of tons of freight carried.....	158,950	140
18. Av. rate per ton per mile on all freights carried.....		02.036

AVERAGE PRICE PER TON PER MILE ON FREIGHTS FOR A SERIES OF YEARS.

Year.	Cente.	Year.	Cents.
1876.....	02.383	1878.....	01.952
1877.....	02.049	1879.....	02.036

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight, 162.4 miles	1,162 74
2. Earnings per mile of road on passengers.....	531 12
3. Earnings per mile of road on mails, express and all other express sources	76 49
4. Total earnings per mile.....	\$1,770 35
5. Net earnings per mile of road	597 42
6. Earnings per train mile run, on freight.....	1 19
7. Earnings per train mile run, on passengers.....	
8. Earnings per train mile run, on mails, express and all other sources	
9. Net earnings per train mile, 261,784 miles	37 1/4
10. Of the earning of the entire line, what is the ratio of passen- gers to the freight? Answer: As 1 to 2.19.	
11. What is the rate of passenger per mile.....	
12. Give number of passengers carried one mile	2,505,528
13. Give number of miles of operated road upon which above estimates are based.....	162.4

Milwaukee, Lake Shore & Western Railway Company.

MISCELLANEOUS OPERATING EXPENSES. STATISTICS.

1. Average operating expenses per mile of road.....	\$1,173 54
2. Average operating expenses per train mile.....	52.5
3. Cost of maintaining track and bridges per mile	279 54
4. Cost of repairs of engines per mile run.....	01.64
5. Cost of engineers and firemen per mile run.....	04.5
6. Cost of oil and waste per mile run.....	00.34
7. Cost of fuel per mile run.....	05.6

* EARNINGS, AND EXPENSE STATEMENT.

CONDENSED STATEMENT OF GROSS EARNINGS, AND OF EXPENSES PAID.

Gross earnings.....	\$287,505 22
Deduct operating expenses and taxes.....	190,584 21
Leaving net earnings.....	\$96,921 01
Amount of interest paid.....	65,737 43
Balance.....	\$31,183 58

Dividends paid. None.

EQUIPMENT.

Number of locomotives.....	15
Number of passenger cars.....	8
Number of baggage, mail, and express cars	2
Number of parlor or sleeping cars.....	2
Number of freight cars (basis of 8 wheels).....	283
Number of other cars.....	3
Mann Bro's.....	15

GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
Present rate of compensation \$9,983.09 per annum.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery; repairs of cars, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
American Express Company, \$150 per month and 1½ times first class freight rates on excess of 1000 pounds per day.
We take their freights at depot.

TRANSPORTATION COMPANIES.

3. What freight and transportation companies run on your road?
No special company.

Milwaukee, Lake Shore & Western Railway Company.

SLEEPING CARS.

4. Do sleeping or dining cars run on your road, and if so, on what terms are they run, by whom are they owned, and what charges are made in addition to the regular passenger rates?
 Sleeping cars owned by this Company.
 Double upper births 50 cents.
 Double lower births 75 cents.
5. Have you acquired any additional chartered rights or privileges under the special or general laws of this State, directly or indirectly, since your last report?
 None except that we are, pursuant to law, extending our Northern Division from Clintonville to a point in town 28, range 10, and building a branch railroad from Hortonville to Oshkosh.
6. Have you acquired any such additional rights or privileges under the laws, general or special, of any other State, since your last report?
 None.
7. Have you acquired any lines in or out of this State, by purchase, lease, consolidation or otherwise, since your last report?
 None except what we have built.
8. Do you, by purchase or ownership of capital stock, or in any other manner, control any other railroad corporation, owning or having under its control a parallel or competing line?
 No.
9. Does any officer of your company act as the officer of any other railroad corporation, owning or having the control of a parallel or competing line?
 No.
10. What running arrangements have you with other railroad companies, made since the date of your last report?
 None.
11. Has your company any rule governing your conductors, engineers, trainmen and switchmen, concerning the use of intoxicating liquors? If so, what is it, and is it enforced?
 The following rule is enforced: 15. The use of intoxicating drink on or about the premises of the company, is strictly forbidden. Any employe appearing on duty in a state of intoxication will be forthwith dismissed, and those who do not use intoxicating drinks will receive the preference in promotion and employment.

LANDS RECEIVED AND SOLD, &C.

2. Have any United States lands been granted to your company, directly or indirectly, since date of last report?
 No lands.
10. Whole amount of cash received, principal and interest, on contracts forfeited, since date of last report?
11. Whole amount of cash received for stumpage, trespasses, etc., since date of last report?
12. What have been your total receipts from lands sold, and contracted to be sold, since the date of last report?
13. What is the aggregate sum of receipts on account of lands from all sources whatever, up to the present time?
14. What is the amount now due the company on lands sold, or contracted to be sold?

Milwaukee, Lake Shore & Western Railway Company.

DONATIONS AND AID.

1. Value of donations of right of way or other real estate received since the date of last report?
County of Shawano donated right of way across certain lands held by the county for taxes in towns 26-12, 27-11, and 28-11, about 3½ miles.
2. Amount of city, county and town aid granted to company in exchange for stock or otherwise? Specify particulars since date of last report, giving particularly the town, village or city, together with the amount?

ACCIDENTS.

STATEMENT OF EACH ACCIDENT. Give name of person, date, and place of accident.	PASSENGERS.			
	From causes beyond their control.		By their own misconduct or want of caution.	
	Kill	Inj.	Kill	Inj.
J. Johnson, March 22, 1879, Manitowoc..... Two fore fingers and thumb of right hand taken off.				1
J. Nelson, September 22, 1879, Manitowoc..... First finger of left hand taken off.				1
James Patterson, July, 1878, Two Rivers Injured by being caught between cars and platform.				1
John Cone, December, 1878, Manitowoc..... Hand injured while coupling cars.				1
Totals on whole line.....				4

1. Of the above accidents, those numbered as follows were caused by broken rails:
None.
2. Of the above accidents those numbered as follows were caused by inattention of employees:
All.
3. Of the above accidents those numbered as follows were caused by collisions not properly coming under 2:
None.
4. Of the above accidents those numbered as follows were caused by explosions:
None.
5. Amount paid as damages caused by fire from locomotives:
\$7.00.

Milwaukee, Lake Shore & Western Railway Company.

NUMBER AND KIND OF FARM ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	Number killed.	Amount Paid.
1. Cattle.....	37	\$496 00
2. Horses.	5	335 00
3. Mules.....		
4. Sheep.....	9	15 40
5. Hogs.....	7	31 00
6. Total.....		\$877 40

[The copy furnished for use in printing office does not contain the affidavits of the officers of the company, but the auditor of the road informs me that the official copy to be filed in the office of which the above is a transcript, will contain the officers, affidavits. — *Commissioner.*]

Chicago & Tomah Railroad Company.

REPORT
OF THE
CHICAGO & TOMAH RAILROAD COMPANY,
For the Year Ending September 30, 1879.

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	Names.	Address.
President	D. R. W. Williams	Woodman, Wis.
Vice President	S. J. Foster	Wauzeka, Wis.
Secretary	W. F. Tuttle	Woodman, Wis.
Treasurer	A. Nathan	Lancaster, Wis.
Superintendent	P. Flynn	Woodman, Wis.
Chief Engineer	W. L. Richards	Woodman, Wis.

1. General offices at Woodman, Grant county, Wisconsin.

NAMES OF DIRECTORS.	RESIDENCE.	NAMES OF DIRECTORS.	RESIDENCE.
D. R. W. Williams ..	Woodman, Wis.	Ralph Barker	Belle Centre, Wis
E. H. Williams	Postville, Iowa.	E. Enockson	Avalanche, Wis
Wm. Larrabee	Claremont, Ia.	Adolph Nathan	Lancaster, Wis.
S. J. Foster	Wauzeka, Wis.	James A. Jones	Lancaster, Wis.
Albert Bliss	Reedstown, Wis	C. Shuttlesworth	Fennimore, Wis
Ralph Smith	Wauzeka, Wis.	J. A. Thomas	Montfort, Wis.

2. Date of annual election of directors. Annually on the first Thursday in October.
3. Name and address of person to whom correspondence concerning this report should be directed. D. R. W. Williams, Woodman, Wis.

GENERAL EXHIBIT FOR THE YEAR ENDING SEPT. 30, 1879.

[This is a new road, now in process of construction, and no complete report of its affairs have been ascertainable. The next report will be required to be as full and complete as the reports of other companies.—*Commissioner.*]

Chicago & Tomah Railroad Company.

CAPITAL STOCK.

Capital stock authorized by charter, \$10,000 per mile of constructed road.....	
Amount of common stock at date of last report.....	\$13,400 00
Total amount of stock now outstanding	<u>\$13,400 00</u>
Amount of stock per mile of road (exclusive of sidings).....	<u>425 00</u>

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	WHERE AND WHEN PAYABLE.	Date of issue.	Rate of interest.	AMOUNT.
		1878.		
First mortgage bonds. . .		May ...	8 p. c.	\$4,000 00
Division from connection with Chicago Milwaukee & St. Paul Railroad via Wingville to the south line of the State of Wisconsin, with branch to Lancaster.	Wauzeka Wis., 10 years from the date thereof.	June ..	8 p. c.	8,000 00
		Aug... 8 p. c.		6,000 00
		Sept... 8 p. c.		36,000 00
		Oct ... 8 p. c.		11,000 00
		Nov... 8 p. c.		8,000 00
		*Feb.. 8 p. c.		7,000 00
		*Aug.. 8 p. c.		8,000 00
2. Total bonded indebtedness.....				\$88,000 00
4. Amount per mile of road.....				2,885 00
5. No. of miles of road on which computations are made 30- $\frac{1}{2}$ (Also upon 22 miles under construction.)				
7. Net cash realized from sale of bonds.....				88,000 00
8. Amount of unfunded and floating debt. See marginal note preceding page.....				109,942 39
9. Aggregate of capital stock; funded and unfunded debt. See marginal note preceding page.....				211,342 39
11. Amount of funded and unfunded debt per mile.....				

* Issued in 1879.

Chicago & Tomah Railroad Company.

ANALYSIS OF EARNINGS.

Earnings during constructions up to February 1st, 1879.....	\$3,535 70
1. From local passengers since February 1st, 1879.....	2,550 90
2. through passengers (to and from other roads).....	158 09
3. express and extra baggage.....	346 80
4. mails.....	874 64
5. other sources, passenger department.....	
6. Total earnings from passenger department.....	3,930 43
7. local freight since February 1st, 1879.....	2,351 79
8. through freight (through and from other roads).....	7,135 29
10. Total earnings from freight department.....	9,487 08
11. Total transportation earnings.....	<u>\$16,953 21</u>

ANALYSIS OF EXPENSES.

1. Salaries of officers and clerks since February 1st, 1879 ...	\$720 00
4. Stationery and printing.....	150 00
12. Repairs of road-bed and track.....	2,691 00
14. Fuel for locomotives.....	987 42
16. Oil and waste.....	87 54
17. *Locomotive service.....	832 00
19. *Passenger train service, mixed trains.....	552 00
28. Loss and damage, property and cattle.....	314 50
30. *Agents and station service.....	880 00
30½. Cost of transferring freights.....	624 00
31. Station supplies.....	.....
32. Total operating expenses, being 57 per cent. of earnings	<u>\$7,713 50</u>

TOTAL EARNINGS DURING CONSTRUCTION.

MONTHS. 1879.	Passengers.	Freight.	Mails, Ex. press. All sources.	Total.
1879.				
January.....				\$3,535 70
February.....	\$363 00	870 99	131 34	1,365 33
March.....	294 88	1,022 80	143 12	1,465 80
April.....	300 10	917 41	185 45	1,402 96
May.....	285 50	1,020 43	168 68	1,474 61
June.....	204 95	1,322 96	147 61	1,675 52
July.....	417 08	931 25	145 87	1,544 20
August.....	381 98	1,190 60	142 39	1,714 97
September.....	461 50	2,160 64	151 98	2,774 12
Total.....	2,708 99	9,487 08	1 221 44	16,953 21

*Salaries and wages.

†Debit balances.

Chicago & Tomah Railroad Company.

MONTHLY EXPENSES.

No report.

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

Total cost of entire line to date..... \$211,342 39

PERSONS EMPLOYED AND SALARIES PAID.

	No. persons employed.	Average salary per annum.
1. Division, assistant superintendents and roadmasters:		
Clerks in general offices	1	.....
Agents, and clerks at all stations	5	.....
Master, and skilled mechanics.....		.....
Helpers in shops.....		.....
Conductors	2	\$600 00
Engineers	2	780 00
Firemen and wipers.....	2	468 00
Brakemen .....		.....
Flagmen, switchtenders, gatekeepers and watchmen	1	450 00
Section foremen.	3	468 00
Section laborers.....	9	390 00
All other employes.....		.....

GENERAL BALANCE SHEET FOR THE YEAR ENDING SEPTEMBER 30, 1879.

ASSETS.	Dollars. Cts.		LIABILITIES.	Dollars. Cts.	
	Cost of road	211,342		39	Capital stock.....	13,400	00
			Bonds outstanding.....	88,000	00
			Unfunded debt	109,942	39
	\$211,342	39		\$211,342	39

Chicago & Tonah Railroad Company.

Chicago & Tomah Railroad Company.

CHARACTERISTICS OF ROAD.

ROADS OWNED.

Name of Division or Branch.	From	To	Wis.	Miles.
Main line	Woodman	Dankleff Junction .	18½	18½
Division or branches	Daukleff Junction .	Lancaster	12	12
Length of single track owned			30½	30½
Total miles of single and second track owned			30½	30½
Sidings			1½	1½
Total miles of track owned, including second track and sidings				32
Aggregate length of tracks operated by this company, computed as single track				30½
Aggregate length of sidings and other track not above enumerated				1½
Total				32
Number of junction stations			1	.....
What is the gauge of your lines?			3 feet.	.....

DOINGS OF THE YEAR IN TRANSPORTATION.

Mileage and Tonnage.

MILEAGE.

1. Number miles run by passenger trains
2. Number miles run by mixed trains

12,896

MILEAGE EARNINGS FOR THE YEAR.

1. Earnings per mile of road on freight, since February 1, 1879. \$311 05
2. Earnings per mile of road on passengers. 88 83
3. Earning per mile of road on mails, express and all other sources
4. Total earnings, per mile
5. Net earnings per mile
6. Earnings per train mile run, on freight
7. Earnings per train mile run, on passengers.....

40 05

\$439 92

\$187 01

73.56

21

Chicago & Tomah Railroad Company.

8. Earnings per train mile run, on mails, express and all other sources	9.47
9. Net earnings per train mile	44.23
10. Of the earnings of the entire line, what is the ratio of passenger to the freight? Answer: 1 to 3½.	
11. What is the rate of passenger per mile . . . . .	.....
12. Number of passengers carried one mile . . . . .	.....
13. Number of miles of operated road upon which above estimates are based	30½

 MISCELLANEOUS OPERATING EXPENSES — STATISTICS.

1. Average operating expenses per mile of road, since February 1, 1879	\$252 89
2. Average operating expenses per train mile	59.41
3. Cost of maintaining track and bridges per mile	88 22
4. Cost of repairs of engines per mile run . . . . .	.....
5. Cost of engineers and firemen per mile run	06.45
6. Cost of oil and waste per mile run	00.7
7. Cost of fuel per mile run	07.65

 EARNINGS, AND EXPENSE STATEMENT.

Gross earnings	\$16,953 21
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 EQUIPMENT.

	Leas'd	Own'd	Total.
Number of locomotives	2	2
Number of passenger cars	2	2
Number of baggage, mail, and express cars
Number of parlor or sleeping cars
Number of freight cars (basis of 8 wheels)	50	23	73
Number of other cars

 GENERAL QUESTIONS.

U. S. MAIL.

1. What is the compensation paid you by the U. S. Government for the transportation of its mails, and on what terms of service?
From Woodman to Lancaster. \$42.75 per mile per annum.

EXPRESS COMPANIES.

2. What express companies run on your road, and on what terms, and what conditions as to rates, use of track, machinery, repairs of cars, etc.?
United States Express Company, at 20 cents per 100 pounds.

Chicago & Tomah Railroad Company.

NUMBER AND KIND OF FARM ANIMALS KILLED, AND AMOUNT OF DAMAGES PAID THEREFOR.

	<i>No. killed.</i>	<i>Amount paid.</i>
Hogs.....	7	\$14 50

REMARKS.

In addition to the foregoing report, we have under construction and nearly graded, fifty-four miles of road from a connection with the Chicago, Milwaukee & St. Paul Railway, at Wauzeka, northward to Bloomingdale, in Vernon county. We have delivered to towns and individuals along this line \$30,000 of first mortgage 8 per cent. ten year bonds, issued on the division from Wauzeka northward. We have outstanding obligations for the delivery of about \$25,000 more.

The whole amount of bonds in the foregoing report, namely, \$88,000, are held by towns along the line of road; we are making arrangements which are nearly consummated, for the refunding of all our outstanding bonded indebtedness, with a first mortgage 6 per cent. bond, payable in the year 1909, to be issued at the rate of \$6,000 per mile, of constructed road on all lines constructed and in contemplation in this State, amounting to 280 miles. We have also contracts with most of the towns for a surrender of a large part of our outstanding bonded indebtedness, depending upon extensions.

STATE OF WISCONSIN — *County of Grant* — ss.

P. Flynn, Superintendent, and W. L. Richards, Chief Engineer of the Chicago & Tomah Railroad Company, being duly sworn, depose and say, that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of their knowledge and belief.

Signed,

{ SEAL. }

P. FLYNN,
W. L. RICHARDS.

Subscribed and sworn to, before me, D. H. Ballou, this 6th day of December, A. D. 1879.

{ SEAL. }

D. H. BALLOU,
Justice of the Peace.

Oshkosh & Mississippi River Railroad Company.

REPORT

OF THE

OSHKOSH & MISSISSIPPI RIVER RAILROAD COMPANY,

For the year ending September 30, 1879.

Operated by the Chicago, Milwaukee & St. Paul Railway Company.

OSHKOSH, Wis., *December 13, 1879.*

The Oshkosh & Mississippi River Railroad Company was leased to Chicago, Milwaukee & St. Paul Railway Company before completion. The figures in this report show the cost or amount invested in it by the Oshkosh & Mississippi River Railroad Company, and all that the Secretary's books show.

Respectfully,

GEORGE GARY, *Secretary.*

OFFICERS AND OFFICES OF THE COMPANY OPERATING.

OFFICERS.	Names.	Address.
President	James Jenkins.....	Oshkosh.
Vice President	G. W. Washburn.....	Oshkosh.
Secretary	George Gary	Oshkosh.

1. General office at Oshkosh, Wis.

NAMES OF DIRECTORS.	Residence.	NAMES OF DIRECTORS.	Residence.
Joseph Stringham	Oshkosh.	Geo. Badger.....	Oshkosh.
Jas. Jenkins.....	Oshkosh.	Robert McMillan....	Oshkosh.
G. W. Washburn.....	Oshkosh.	D. L. Libby	Oshkosh.
S. B. Paige	Oshkosh.	Gabe Bouck	Oshkosh.
John Buckstaff, Jr	Oshkosh.	G. W. Roe	Oshkosh.
E. James	Oshkosh.	C. Foster	Oshkosh.
O. Beach	Oshkosh.	J. Dobbs, Jr	Ripon.
C. N. Paine.....	Oshkosh.		

EXECUTIVE COMMITTEE.

D. L. Libby, R. McMillan, G. W. Roe, J. Buckstaff, Jr., O. Beach.

2. Date of annual election of directors, third Wednesday of January.
3. Name and address of person to whom correspondence concerning this report should be directed,
George Gary, Secretary, Oshkosh, Wis.

Oshkosh & Mississippi River Railroad Company.

GENERAL EXHIBIT FOR THE THE YEAR ENDING SEPT. 30, 1879.

1. Total income.
Used for percentage of earnings; have had no settlement.
5. Rentals (specifying amount to each company).
Leased to C., M. & St. P. Ry. Co.; have had no settlement; cannot state.
6. Interest accrued during the year:

On funded debt.....	\$19,200 00
On other debt. Unsettled; cannot state.	
- During construction:

Interest account.....	\$1,992 76
Discount on bonds, etc.....	47,186 12

CAPITAL STOCK.

Capital stock authorized by charter:

Two millions of dollars, with power to increase.

How much common stock has been issued?

\$150,450.00.

For what purpose and what was received therefor?

Cash and city bonds.

How much preferred stock has been issued?

None.

Total amount of stock \$150,450 00

Amount of stock per mile of road (exclusive of sidings)..... 7,522 50

FUNDED AND UNFUNDED DEBT.

1. Describe, specifically, all outstanding bonds, giving amounts, date of issue, rate of interest, and where and when payable.

NAME OF BONDS.	Where and when payable.	Date of issue.	Rate of interest.	Amount.
240 First Mortgage bonds, \$1,000 each.....	July 1, 1891, at Importers' and Traders' National Bank, New York.....	July 1, 1871..	8 p. c.	\$240,000
2. Total bonded indebtedness				\$240,000
4. Amount per mile of road.....				<u>\$12,000</u>

7. Net cash realized from sale of bonds..... \$195,000 00

STATEMENT OF FLOATING OR UNSECURED DEBT.

1. Specify, particularly, in what they consist:

Unsettled account with Chicago, Milwaukee & St. Paul Railroad Company, for ballasting, etc., and excess of interest paid on bonded debt, over our share of earnings under contract. Do not know amount.

Oshkosh & Mississippi River Railroad Company.

PROPERTY ACCOUNTS.

1. Grading and masonry	\$38,297 98
2. Bridging	25,547 80
3. Superstructure, including rails	197,216 52
4. Land, land damages and fences	45,738 31
5. Passenger and freight stations, wood sheds and water stations	10,603 78
6. Engine houses, car sheds, and turn-tables	
7. Machine shops	
8. Engineering, agencies, salaries, and other expense during construction	13,618 85
9. Purchase of other roads	
This does not include ballasting which is unsettled — done by Chicago, Milwaukee & St. Paul Railroad Company. Built in 1872-3	
10. Total for construction	<u>\$331,023 24</u>

COST OF ROAD.

CONSTRUCTION AND EQUIPMENT.

5. Total cost of entire line to date Sept. 30, 1879.....
 Cannot state, see opposite page.....

CHARACTERISTICS OF ROAD.

Name of division or branch.	To	From.	Wis. Miles.
Main line	Ripon.....	Oshkosh .....	. 20

DONATIONS AND AID.

2. Amount of city, county and town aid granted to company in exchange for stock, or otherwise? Specify particularly since date of last report, giving particularly the town, village or city, together with the amount?
 City of Oshkosh, \$75,000.
 City of Ripon, \$15,000.
 Town of Ripon, \$3,500.

STATE OF WISCONSIN — *County of Winnebago* — ss:

George Gary, secretary of the Oshkosh and Mississippi River Railroad Company, being duly sworn, deposes and says that he has made the foregoing statements, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the first day of October, A. D. 1879, to the best of his knowledge and belief.

Signed

GEORGE GARY.

{ SEAL }

Subscribed and sworn to, before me, this 13th day of December, A. D. 1879.

THOS. D. GRIMMER,
 Clerk Circuit Court.

{ SEAL }

*Projected Roads.***PROJECTED ROADS.****OFFICERS OF THE PROJECTED
MILWAUKEE AND DUBUQUE RAILROAD.**

NAMES.	OFFICERS.	ADDRESS.
H. M. Benjamin.....	President.....	Milwaukee.
Oliver Dalrymple.....	Vice President.....	St Paul.
Wm. F. Dalrymple.....	General Manager.....	Milwaukee.

DIRECTORS.	RESIDENCE.
H. M. Benjamin.....	Milwaukee.
Wm. F. Dalrymple.....	Milwaukee.
L. F. Watson.....	Warren, Pa.
Oliver Dalrymple.....	St. Paul, Minn.
Wm. B. Acocks.....	Pittsfield, Pa.

This company has become the possessors of the old Milwaukee and Beloit roadbed, a portion of which is partly graded from Milwaukee to East Troy, Walworth Co., and propose to complete the road.

**OFFICERS OF THE PROJECTED
BLACK RIVER RAILROAD.**

NAMES.	OFFICERS.	ADDRESS.
N. H. Withee.....	President.....	Neillsville.
James Hewitt.....	Vice-President.....	Neillsville.
Daniel Gates.....	Treasurer.....	Neillsville.
R. T. Kuntz.....	Secretary.....	Neillsville.
J. L. Gates.....	General Manager.....	Neillsville.
R. J. MacBride.....	Solicitor.....	Neillsville.
George L. Lloyd.....	Director.....	Neillsville.
F. D. Lindsay.....	Director.....	Neillsville.

Projected Roads.

The line of this projected railroad is from Merrillan Junction, a point on the Chicago, St. Paul & Minneapolis R. R., to Neillsville, Clark county, a distance of 14 miles. The company filed its articles of association with the Secretary of State, and received its patent March 2, 1878. The line has been surveyed, five miles of it graded, twelve thousand ties made, and it is the purpose of the company to finish the road early in the spring. The town of Pine Valley has voted \$10,000 aid to the company.

OFFICERS OF THE PROJECTED
ST. CLOUD, GRANTSBURG & ASHLAND RAILROAD.

NAMES.	OFFICERS.	ADDRESS.
J. M. Whaley	President	Hudson, Wis.
Chas. Stevenson	Vice President	Grantsburg.
John G. Fleming	Secretary	Griffin.
Chas. Stevenson	Treasurer	Grantsburg.
Canute Anderson	Sup't and General Manager.	Grantsburg.
John E. Glover	Solicitor	Hudson.

DIRECTORS.	RESIDENCE.	DIRECTORS.	RESIDENCE.
John E. Glover	Hudson, Wis.	Ira Griffin	Oshkosh.
John G. Fleming	Griffin.	J. E. Anderson	Trace Lake.
Canute Anderson	Grantsburg.	J. A. Swenson	Trade Lake.
Andrew Ahlstrom	Grantsburg.	I. Grettum	Anderson.
Simon Thoreson	Grantsburg.	August Cassel	Wood Lake.
Olive Olson	Grantsburg.	J. M. Whaley	Hudson.
Chas Stevensen	Grantsburg.		

A charter was issued to this company June 13, 1878, for building a road from a point on the St. Croix river, in townships 37 or 38, north of range 20 west, in county of Burnett, in an easterly direction, by way of Grantsburg, to a point of intersection with the North Wisconsin Railway.

The road has been graded from Grantsburg to the St. Croix river, a distance of about thirteen miles, and the grade of the balance (four miles), from St. Croix river to Rush City, Minn., where it strikes the St. Paul & Duluth Railroad, is nearly completed. The ties have been contracted for, to be delivered on the grade the present winter, and the piers across the St. Croix river will be put in the present winter. The entire road is expected to be in operation by September 1st, 1880.

Projected Roads.

OFFICERS OF THE PROJECTED
ST. PAUL EASTERN GRAND TRUNK RAILWAY.

NAMES.	Officers.	Address.
Thad. C. Pound	President	Chippewa Falls.
Wm. Wilson	Vice President	Menomonie.
Dana C. Lamb	Secretary and Gen. Agt. ...	Fond du Lac.
L. C. Stanley	Treasurer	Chippewa Falls.

DIRECTORS.	Residence.	DIRECTORS.	Residence.
Jesse Spaulding	Chicago.	L. B. Hubbell	Medford.
Thad. C. Pound	Chip. Falls.	Alex. Stewart	Wausau.
L. C. Stanley	Chip. Falls.	W. H. Young	Oconto.
Dana C. Lamb	Fond du Lac.	W. A. Ellis	Peshtigo.
Wm. Wilson	Menomonie.	Robert Mariner	Cadott Falls.
Wm. Pitt Bartlett	Eau Claire.	A. B. Stickney	St. Paul.
Thos. E. Randall	Eau Claire.		

EXECUTIVE COMMITTEE.

THAD. C. POUND,
W. H. YOUNG,

L. C. STANLEY.

JESSE SPAULDING,
THOS. E. RANDALL,

The patent of incorporation of the St. Paul Eastern Grand Trunk Railway Company was issued on the 6th day of September, 1879, authorizing the company to construct a standard gauge railroad from a point on Lake St. Croix on the Mississippi river in the counties of St. Croix or Pierce to a point on Green Bay or Lake Michigan, between the south line of township 19, and the north line of township 31. The Company was fully organized by the election of officers and directors, and immediately put into the field pioneer corps or explorers, to ascertain the feasibility of its proposed line. This being done, an engineering corps under charge of Col. N. Boardman, of Fond du Lac, as chief engineer, was started at Chippewa Falls, running eastward through Chippewa, Clark and Marathon counties to Wausau, which point will be reached during this month.

The line obtained thus far is an extremely feasible one, being nearly on an air line, and through an excellent timbered country. It is the intention of the management to construct the line between Chippewa Falls, connecting by the way of the Chippewa Falls and Western Railroad, with the Chicago, St. Paul and Minneapolis, at Eau Claire, and the present terminus of the Milwaukee, Lake Shore and Western, eighteen miles east of Wausau, the coming season, thus practically creating a trunk road across the State by the way of the two lines now in operation at either end of their proposed line. The right of way is partly secured, and propositions for local aid filed along the line as far as the survey is made. It is the intention of the Company to get out ties and clear the line during the winter.

Projected Roads.

OFFICERS OF THE PROJECTED
CHICAGO, PORTAGE & SUPERIOR RAILROAD.

NAMES.	Officers.	Address.
Nelson Ludington	President.....	Chicago.
A. A. Jackson	Vice Pres't and Solicitor.	Janesville.
L. S. Cutler	Secretary.....	Chicago.
Edward Ruger.....	Chief Engineer	Janesville.
Nelson Ludington	Treasurer	Chicago.
DIRECTORS.		Address.
A. S. Barnes.....		New York.
Nelson Ludington ..		Chicago.
L. S. Cutler		Chicago.
J. C. Reichberg.....		Chicago.
T. Seavey		Chicago.
S. F. June.....		Chicago.
W. H. Conger		Elkhorn, Wis.
Edward Ruger.....		Janesville.
A. A. Jackson		Janesville.

The line of this projected road, originally known as the Wisconsin Central, is from Chicago to the head of Lake Superior, via Elkhorn, Whitewater, Jefferson and Portage. The road is almost wholly graded from the State line to Jefferson, and about fifteen miles are graded in Illinois, and the right of way obtained from the State line to Chicago. The company has a valuable land grant in the northwestern part of the state, from its junction with the North Wisconsin line to Superior.

COST OF NEW ROADS.



Cost of New Roads.

COST OF THE CHICAGO & TOMAH RAILROAD.

[From Woodman to Lancaster, 30½ miles.]

GENERAL OFFICE,
CHICAGO & TOMAH RAILROAD COMPANY.

January 27, 1879.

To A. J. TURNER,

Railroad Commissioner of the State of Wisconsin :

SIR.— In compliance with your request, I hand you, below, a statement of the cost of the new line of road constructed by this Company in the state of Wisconsin, from Woodman to Lancaster, since September 30, 1877, together with the equipment thereof, by items, viz.:

Right of way and franchises	\$8,000 00
Engineering and agencies	6,000 00
Clearing and grubbing	540 00
Grading	22,335 00
Surfacing track and ditching	5,185 00
Track laying	2,440 00
1,010 tons of iron rail at \$40 per ton (weight per yard, 20 lbs.)..	40,400 00
100,000 ties at 14 cents each	14,000 00
Miscellaneous track material (not enumerated above).....	6,985 00
Total cost of track	\$105,885 00
Buildings	\$1,200 00
Office and station furniture	100 00
Stationery	85 00
Engine and car service in construction.. }	4,608 00
Transportation of men and material ... }	5,950 00
Bridges	492 00
Culverts	863 00
Tools and machinery	498 00
Miscellaneous expenses	13,796 00
Total cost of miscellaneous.....	\$13,796 00
EQUIPMENT.	
For locomotives and tenders, 2. Average weight, 13 tons	\$9,600 00
For snow plows.....	100 00
For platform cars, 25; average weight, 3 tons.....	5,100 00
Total cost of equipment.....	\$14,800 00
Total cost of track, equipment and miscellaneous.....	\$134,481 00

The revenue from which the foregoing expenses were met, were derived from the following sources:

Sale of town bonds (\$73,000 par value).....	\$73,000 00
Other sources.....	61,481 00

Cost of New Roads.

The whole \$73,000 of bonded indebtedness were sold to the towns as follows, and paid to the railroad company in money by the towns:

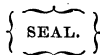
Town of Mt. Ida purchased	\$6,000
Fennimore purchased.....	12,000
Liberty purchased.....	5,000
Lancaster purchased.....	42,000
Wingville purchased.....	8,000

STATE OF WISCONSIN, *County of Grant*, ss:

William F. Tuttle, clerk of the Chicago & Tomah Railroad Company, being duly sworn, deposes and says, that he has caused the foregoing statements to be prepared by the proper officers and agents of this Company, and having carefully examined the same, declares them to be a true, full and correct statement of the matters therein set forth, to the best of his knowledge and belief.

Signed,

WILLIAM F. TUTTLE,
Clerk.



Subscribed and sworn to before me, a notary public, this 28th day of January, 1879.

JOHN G. CLARK,
Notary Public, Wisconsin.

Accompanying the above report, was the following explanatory letter from the President, viz.:

LANCASTER, *January 27, 1879.*

A. J. TURNER, *Railroad Commissioner:*

SIR.—Inclosed we send you a report, and all that is required of a railroad company, in the present condition of the Chicago & Tomah Railroad, as we understand by the letters and blanks sent by you. It covers the work and expenditures for the year 1878 only. The work and accounts of previous years which has been done by the Chicago & Tomah railroad, we do not understand you require

There is, besides the part of the line, $30\frac{37}{100}$ miles on which the track is laid, ten miles of graded road (the road completely graded) in Grant county, east of Fennimore, and two miles in Iowa county, east of Wingville.

In addition to this, the Company has under construction north of the Wisconsin river, from Wauzeka to Bloomingdale, 54 miles, of which 47 miles are graded, but no track laid, making in all, in addition to the 30.37 miles from Woodman to Lancaster, upon which the track is laid, 59 miles of graded road which is not ironed.

Respectfully yours,

D. R. W. WILLIAMS, *Pres't*

Cost of New Roads.

COST OF THE HUDSON AND RIVER FALLS RAILWAY.

GENERAL OFFICE,
HUDSON AND RIVER FALLS RAILWAY,
ST. PAUL, January 13, 1879.

To A. J. TURNER,

Railroad Commissioner of the State of Wisconsin:

SIR:— In compliance with your request, I hand you, below, a statement of the cost of line of road constructed by this company in the state of Wisconsin from Hudson to River Falls, since September 30, 1877, together with the equipment thereof, by items, viz.:

Right of way and franchise	\$23,856 60
Engineering	5,481 72
Grading	39,678 90
Ballasting	3,129 68
Surfacing track and ditching	6,314 61
Masonry	657 86
996 $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$ tons of iron rail at \$35 per ton	34,879 96
Ties at 20 cents each	10,769 60
Micellaneous track material (not enumerated above)	3,016 62

Total cost of track

	<u>\$128,044 28</u>
--	---------------------

Buildings	\$8,594 75
Office and station furniture	223 39
Fences	1,152 50
Bridges	9,727 88

Total cost of miscellaneous

	<u>\$19,698 52</u>
--	--------------------

Equipment? None.

[The road is operated by the St. Paul, Stillwater & Taylor's Falls R. R. Co. — Com.]

Total cost of track, equipment and miscellaneous

	<u>\$147,742 80</u>
--	---------------------

The revenues from which the foregoing expenses were met, were derived from the following sources:

Sale of bonds (\$90,000 par value) }	\$90,000 00
Payments on stock (900 shares) }	
Private subscriptions	<u>6,232 83</u>
Other sources [not stated.]	

STATE OF MINNESOTA, }
County of Ramsey, } ss.

A. B. Stickney, Superintendent of the Hudson & River Falls Railway Company, being duly sworn, deposes and says, that he has caused the forgoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be true, full and correct statement of the matters therein set forth, to the best of his knowledge and belief.

A. B. STICKNEY,
Superintendent.

[SEAL]
Subscribed and sworn to, before me, a notary public, this 13th day of January, A. D. 1879.

E. W. RUFF,
Notary Public,
Ramsey County.

Cost of New Roads.

COST OF THE MILWAUKEE CEMENT RAILWAY.

GENERAL OFFICE,
MILWAUKEE CEMENT RAILWAY COMPANY,
MILWAUKEE, January 6, 1879.

To A. J. TURNER,
Railroad Commissioner of the State of Wisconsin.

SIR: In compliance with your request, I hand you, below, a statement of the cost of new line of road constructed by this company in the state of Wisconsin, from a point on the Chicago, Milwaukee & St. Paul Railway, in an easterly direction until it intersects the line of the railway of the Milwaukee, Lake Shore & Western Railway, since September 30, 1877, together with the equipment thereof, by items, viz.:

Right of way.....	\$606 70
Clearing and grubbing and grading.....	1,026 33
Total cost of right of way and grading.....	<u>\$1,633 03</u>

All other expenses paid by C., M. & St. P. Railway.

EQUIPMENT.

Equipped and operated by Chicago, Milwaukee & St. Paul Railway.

STATE OF WISCONSIN, }
County of Milwaukee, } ss.

Geo. H. Paul, President of the Milwaukee Cement Railway Company, being duly sworn, deposes and says, that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the matters therein set forth, to the best of his knowledge and belief.

Signed, GEO. H. PAUL,
President.

[SEAL.]

Subscribed and sworn to before me, a notary public, this 6th day of January, A. D. 1879.

DANIEL J. PAUL,
Notary Public, Milwaukee, Wis.

Accompanying the foregoing statement is the following from the auditor of the Chicago, Milwaukee & St. Paul Railway Co.: "The Milwaukee Cement Railway is a spur leading from the main line of the Northern Division of the Chicago, Milwaukee & St Paul Railway crossing the Milwaukee river to the Milwaukee Cement Works, a distance of one and one-tenth miles. It was organized by the Milwaukee Cement Railway Company, the right of way procured and the grading done by them, and the road bed was then transferred to the Chicago, Milwaukee & St. Paul Railway Co., on condition that they would build the bridge, and iron and operate the road. This Company has expended, in so doing, \$10,092.42. There is no separate equipment for this road, and it is now a part of the Chicago, Milwaukee & St. Paul Railway.

"JAMES P. WHALING,
"Auditor."

Cost of New Roads.

COST OF FIRST EXTENSION OF NORTH WISCONSIN RAILWAY.

GENERAL OFFICE,
NORTH WISCONSIN RAILWAY COMPANY,
December 1, 1879.

To A. J. TURNER,
Railroad Commissioner of the State of Wisconsin.

SIR: In compliance with your request, I hand you, below, a statement of the cost of first extension of road constructed by this company in the state of Wisconsin, since September 30, 1878, together with the equipment thereof, by items, viz.:

Right of way and franchises.....	\$733 77
Engineering.....	626 50
Interest and exchange.....	2,733 96
Clearing and grubbing.....	391 44
Grading.....	20,465 08
Ballasting, surfacing track and ditching, including engine and car service.....	7,493 26
Tracklaying, including engine and car service.....	3,484 62
1,769 340.2240 tons of iron rail, at \$36 per ton (weight per yard, 50 lbs).....	63,689 47
Ties.....	6,428 62
Miscellaneous track material (not enumerated above).....	9,380 89
Total cost of track.....	\$115,428 72
Buildings and turn table.....	\$2,492 81
Transportation of men and material.....	6,087 05
Fences.....	112 86
Bridges and culverts.....	2,515 40
Miscellaneous expenses.....	270 69
Total cost of miscellaneous.....	\$11,478 81
Total cost of track and miscellaneous.....	\$126,907 52

STATE OF WISCONSIN, }
County of St. Croix. } ss.

William H. Phipps, Auditor of the North Wisconsin, Railway Company, being duly sworn, deposes and says, that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the matters therein set forth, to the best of his knowledge and belief.

[SEAL.]

Signed,

WILLIAM H. PHIPPS,
Auditor.

Subscribed and sworn to before me, a notary public, this 1st day of December, A. D. 1879.

F. H. HARVEY,
Notary Public, St. Croix, Wis.

Cost of New Roads.

VIROQUA RAILWAY.

(Owned and operated by Chicago, Milwaukee & St. Paul Railway Company.)

MILWAUKEE, Dec. 16, 1879.

To A. J. TURNER,

Railroad Commissioner, State of Wisconsin.

SIR:—In compliance with your request, I hand you, below, a statement of the cost of new line of road constructed by this Company in the State of Wisconsin, from Viroqua Junction to Viroqua, a distance of 32 miles, by items, viz:

Right of way and franchises.....	\$15,077 59
Engineering.....	5,742 35
Clearing and grubbing.....	672 00
Grading.....	89,241 64
Surfacing track and ditching.....	3,386 76
Tracklaying.....	6,219 69
2,944 tons of iron rail at \$30.00 per ton weight per yard say 56 lbs.).....	90,131 31
82,991 ties at 30 cents each.....	25,292 61
Miscellaneous track material (not enumerated above).....	11,768 35
Total cost of track.....	\$247,532 30
Buildings.....	\$12,228 83
Office and station furniture.....	32 50
Transportation of men and material.....	4,063 89
Fences.....	4,663 38
Bridges.....	11,265 91
Culverts.....	671 44
Telegraph.....	239 87
Miscellaneous expenses.....	53 05
Total cost of miscellaneous.....	\$33,218 87
Total.....	\$280,751 17

EQUIPMENT.

There is no separate equipment for this road.

 STATE OF WISCONSIN, *County of Milwaukee*, ss:

James P. Whaling, Auditor of the Chicago, Milwaukee and St. Paul Railway Company, being duly sworn, deposes and says, that he has caused the foregoing statements to be prepared by the proper officers and agents of this Company, and having carefully examined the same, declares them to be a true, full and correct statement of the matters therein set forth, to the best of his knowledge and belief.

{ SEAL. }

 Signed,
JAMES P. WHALING,
Auditor.

Subscribed and sworn to, before a notary public, this 17th day of December, A. D. 1879.

 G. E. WEISS,
Notary Public, Milwaukee County, Wis.

TABULATIONS

FROM

RAILROAD RETURNS

FOR THE

YEAR ENDING SEPTEMBER 30, 1879.

16 — R. R. COM.

TABLE No. 1.] MILEAGE OF ROADS OPERATED WHOLLY OR IN PART IN WISCONSIN.
 For the year ending September 30, 1879.

NAME OF COMPANY.	LOCATION OF LINES.		LENGTH OF OPERATED ROAD.		LENGTH OF SIDINGS.		TOTAL MILEAGE OF LINES, INCLUDING SIDINGS.	
	Standard Gauge.	From.	To.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.
Chicago, Mil. & St. Paul*	Milwaukee	West'n Ave., Chi.	82.20	37.60				
	P. C. & St. L. Jun.	Mil. Ave., Chicago	.40					
	Kinnickinnic	Bay View	.75	.75				
	Milwaukee	La Crosse	196.39	196.39				
	Watertown Jun'n.	Madison	36.55	36.55				
	New Lisbon	Necedah	12.86	12.86				
	La C. Bridge line		1.93	.97				
	Bridge Junction	St. Paul	128.51					
	Bridge Junction	C. C. D. & M. Junc	1.00					
	Milwaukee	Portage	95.08	95.08				
	Horicon	Berlin	42.30	42.30				
	Rush Lake	Winneconne	14.80	14.80				
	Spring St. Junc.	Schwartzburg	5.34	5.34				
	Stock Yards	P.D.C. & D.W. Jun.	.75	.75				
	Milwaukee	Prairie du Chien	194.40	194.40				
	Milton	Monroe	42.90	42.90				
	McGregor	Minneapolis	215.42					
	St. Paul Junction	St. Paul	5.61					
	Conover	Decorah	8.77					
	Calmar	Algona	126.11					
Algona	Marion Junction	161.29						
Austin	Mason City	39.33						

Mileage of Roads Operated in Wisconsin.

Mileage of Roads Operated in Wisconsin.

Hastings	Glencoe	74.14					
Sabula	Marion	86.80					
Farley	Springville	41.30					
Springville	Paralto	2.30					
Marion	Ced. r Rapids	5.40					
Madison	Portage	39.00	39.00				
Viroqua Junction	Viroqua	32.00	32.00				
Racine	Port Byron Junct.	192.00	68.70				
Eagle	Elkhorn	16.50	16.50				
Watertown	Hampton Coal M.	4.25					
Davenport	Fayette	128.40					
Eldredge	Maqueketa	32.30					
Milwaukee	Cement Mills	1.20	1.20				
Glencoe	Appleton	106.16					
Waubasha	Zumbrota	59.00					
Oshkosh	Ripon	20.00	20.00				
		2,253.44	858.09	*000.00	*000.00	2,253.44	858.09
Chicago	Ft. Howard	242.20	171.40				
Kenosha	Rockford	72.10	27.50				
Chicago	Montrose	5.20					
Chicago	East End M. R. B.	137.00					
Chicago	Freeport	121.00					
Elgin	Lake Geneva	45.00	8.70				
Geneva	St. Charles	2.40					
Geneva	Batavia	3.20					
Chi. South B. Jt.	River	4.50					
Stanwood	Tipton	8.50					
Belvidere	Madison	68.90	48.50				
Madison	Winona Junction	129.10	129.10				
Winona Junction	Winona	29.00	29.00				
Fort Howard	Mich. State Line.	49.45	49.45				
Mich. State Line.	Escanaba	64.65					
Escanaba	Lake Angeline M.	68.00					

Leas'd and
propriet'y
lines.

Chicago & Northwestern

* The sidings of the Chicago, Milwaukee & St. Paul, and the Chicago, St. Paul and Minneapolis road not reported.

[MILEAGE OF ROADS Operated Wholly or Part in Wisconsin — continued.

NAME OF COMPANY.	LOCATION OF LINE.		LENGTH OF OPERATED ROAD		LENGTH OF SIDINGS.		TOTAL MILEAGE OF LINES INCLUDING SIDINGS.	
			Whole line.	In Wisconsin.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.
Standard Gauge.	From	To.	Whole line.	In Wisconsin.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.
Chicago and Northwestern — <i>continued</i>	Branches & Extension	Mines	39.80					
		Menominee R. Jt.	24.71					
		Chicago	85.90	40.24				
	Leased lines.	E. end Miss R. Br	Clinton	1.10				
		Clinton	Cedar Rapids ..	81.30				
		Cedar Rapids....	Missouri River ..	271.60				
		Clinton	Lyons	2.60				
		Maple River.....	Mapleton.....	60.15				
		Wall Lake.....	Sac City.....	12.14				
				<u>1,628.64</u>	<u>504.19</u>	<u>303.45</u>	<u>97.37</u>	<u>1,932.09</u>	601.56
Chi., St. Paul & Minn'lis.	Elroy	Lake St. Croix...	177.70	177.70	*			
Branch.	Lake St. Croix...	St. Paul.....	19.90					
	Stillwater Junc..	Stillwater	3.80					
			<u>201.40</u>	<u>177.70</u>			<u>*201.40</u>	<u>*177.70</u>
Chippewa Falls & West'n	Eau Claire.....	Chippewa Falls..	10.35	10.35				
			<u>10.35</u>	<u>10.35</u>	65	65	11.00	11.00

Mileage of Roads Operated in Wisconsin.

Mileage of Roads Operated in Wisconsin.

Green Bay & Minnesota.	Green Bay.....	Marshland.....	209 03	.....	209 03	.....			
	Marshland.....	Eastmoor.....	3 00	.....	3 00	.....			
	La Crosse.....	Onalaska.....	6 50	.....	6 50	.....			
				218 80		218 80	13 00	13 00	231 80	231 80
Hudson & River Falls..	Hudson.....	River Falls.....	12 50	.....	12 50	.....			
				12 50		12 50	1 50	1 50	14 00	14 00
Milw., L. S. & Western..	Lake Shore Junc.	Clintonville.....	152 80	.....	152 80	.....			
	Manitowoc.....	Two Rivers.....	6 00	.....	6 00	.....			
				158 80		158 80	9 30	9 30	168 10	168 10
Milwaukee & Northern.	Schwartzburg....	Green Bay.....	104 00	.....	104 00	.....			
	Hilbert.....	Menasha.....	15 70	.....	15 70	.....			
				119 70		119 70	9 80	9 80	129 50	129 50
Mineral Point.....	Mineral Point...	Warren.....	33 00	.....	31 00	.....			
	Calamine.....	Platteville.....	18 00	.....	18 00	.....			
				51 00		49 00	5 00	5 00	56 00	54 00
Northwestern Union....	Milwaukee.....	Fond du Lac....	62 63	.....	62 63	.....			
				62 63		62 63	5 00	5 00	67 63	67 63
North Wisconsin.....	North Wis. Junc.	Granite Lake....	60 00	.....	60 00	.....			
				60 00		60 00	2 00	2 00	62 00	62 00
Pra. du Ch. & McGregor.	Prairie du Chien.	McGregor.....	2 00	.....	1 75	.....			
				2 00		1 75			2 00	1 75
Sheboygan & F'd du Lac	Sheboygan.....	Princeton.....	78 40	.....	78 40	.....			
				78 40		78 40	4 00	4 00	82 40	82 40
Wisconsin Central.....	Menasha.....	Stevens Point....	63 55	.....	63 55	.....			
	Portage.....	Stevens Point....	70 03	.....	70 03	.....			
	Stevens Point....	Ashland.....	186 34	.....	186 34	.....			
				319 92		319 92	22 21	22 21	342 13	342 13
Wisconsin Valley....	Tomah.....	Wausau.....	89 90	.....	89 90	.....			
				89 90		89 90	12 00	12 00	101 90	101 90
Total standard gauge..			5,267 48		2,731 73	*387 91	181 83	5,655 39	2,903 56	

*The sidings of the Chicago, Milwaukee & St. Paul, and the Chicago, St. Paul & Minneapolis not reported.

MILEAGE OF ROADS *Operated wholly or in part in Wisconsin*—continued.

NAME OF COMPANY.	LOCATION OF LINE.		LENGTH OF OPERATED ROAD.				LENGTH OF SIDINGS.		TOTAL MILEAGE OF LINES, INCLUDING SIDINGS.	
			Whole Line.	In Wisconsin.		Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.	
Narrow Gauge Roads.	From.	To.	Whole Line.	In Wisconsin.		Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.	
Chicago & Tomah	Woodman	Dankleff Junc...	18.50	.....	18.50	.....			
	Dankleff Junc...	Lancaster	12.00	.....	12.00	.....			
				30.50		30.50	1.50	1.50	32.00	32.00
Fond du Lac, Amboy & Peoria	Fond du Lac....	Iron Ridge	29.00	.....	29.00	.....			
				29.00		29.00	1.50	1.50	30.50	30.50
Galena & Wisconsin	Galena	Platteville	30.00	.....	20.00	.....			
	Phillips' Corners.	McCormick	10.00	.....	10.00	.....			
				40.00		30.00	1.00	1.00	41.00	31.00
Pine River Valley & Stevens Point.....	Richland Center.	Lone Rock	16.00	.....	16.00	.....			
				16.00		16.00	.50	.50	16.50	16.50
Total Narrow Gauge				115.50		105.50	4.50	4.50	120.00	110.00
Grand total.....				5,382 78		2,827.23	392.41	186.33	5,775 39	3,013 56

Mileage of Roads Operated in Wisconsin.

TABLE No. 2.]

CAPITAL STOCK, FUNDED DEBT, ETC.

NAME OF COMPANY.	CAPITAL STOCK.		CAPITAL STOCK PER MILE.		FUNDED DEBT.			STOCK AND DEBT.	STOCK AND DEBT PER MILE.
	Sept. 30, 1878.	Sept. 30, 1879.	Sept. 30, '78	Sept. 30, '79	1878.	1879.	Per mile of road, 1879.		
Standard Gauge.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$	\$	\$ cts.	\$ cts.	\$ cts.
Chi. Mil. & St. P.	27,683,744 00	27,683,744 00	19,601 33	13,385 00	31,104,500	40,321,500	19,495 00	68,005,244 00	32,880 00
Chi. & North. . .	36,812,500 53	36,812,500 53	22,780 57	30,683 48	33,193,000	33,193,000	27,666 60	70,005,500 53	58,350 08
Chi. St. P. & Min.	5,000,000 00	4,880,874 85	24,826 22	27,466 93	.....	5,043,500	28,382 10	9,924,374 85	55,849 03
Chip. F. & West'n	143,200 00	143,200 00	13,872 21	13,862 00	132,000	132,000	12,753 25	275,200 00	26,615 25
(1) Du. Plat. & Mil.	.....	.....	.....	.....	.....	250,000	13,888 88	*250,000 00	*13,888 88
G. B. & Minn.	8,000,000 00	7,995,900 00	32,840 72	36,544 33	3,979,860	3,979,860	18,189 47	11,975,760 00	54,733 80
Hud. & River Falls	New road.	121,500 00	.....	9,720 00	.....	125,000	10,000 00	246,500 00	19,720 00
Mil., L. S. & West.	6,000,000 00	6,000,000 00	36,945 81	36,945 81	750,000	1,110,000	6,834 97	7,110,000 00	43,780 78
(2) Mil. & North'n	.....	.....	.....	.....	.....	2,155,000	18,000 00	*2,155,000 00	*18,000 00
Mineral Point . . .	1,200,000 00	1,200,000 00	23,529 41	36,363 63	320,000	320,000	9,696 97	1,520,000 00	46,060 60
Northwest' Union	3,500,000 00	3,500,000 00	55,883 76	55,883 76	3,500,000	3,500,000	55,883 76	7,000,000 00	111,767 52
North Wisconsin	106,500 00	106,500 00	2,650 00	1,775 00	.....	888,000	14,800 00	994,500 00	16,500 00
(3) Osh. & Miss. R.	.....	150,450 00	.....	7,522 50	.....	240,000	12,000 00	390,450 00	19,522 50
P. du C. & McGr.	100,000 00	100,000 00	50,000 00	50,000 00	.....	None.	None.	100,000 00	50,000 00
She. & F'd. du Lac	1,410,500 00	1,392,900 00	17,854 43	17,639 03	1,600,000	1,600,000	20,408 16	2,992,900 00	38,047 19
Western Union . . .	4,000,000 00	+	18,801 41	+	3,500,000	+	+	+	+
Wisconsin Central	11,435,500 00	11,435,500 00	35,713 61	35,713 61	8,168,000	8,168,000	25,531 38	19,603,500 00	61,244 99
Wisconsin Valley	60,000 00	182,000 00	666 50	2,022 20	1,790,000	1,795,200	19,946 67	1,977,200 00	21,968 87
To. Stan. G'ge R's	105,451,944 53	101,705,069 38	.....	22,541 86	88,037,360	102,821,060	22,114 29	204,526,129 38	\$43,980 00

(1) Operated by Mineral Point R. R.

(2) Operated by Wisconsin Central R. R.

(3) Operated by Chicago, Milwaukee & St. Paul R. R.

* Exclusive of stock which was not reported, the mortgage being in process of foreclosure.

† Debt and stock of Western Union not included, the road having been purchased by Chicago, Milwaukee & St. Paul and new bonds issued, which are included in its own report.

‡ This amount, it is understood, includes bonds for construction of Lodi branch.

* Exclusive of stock of roads not reported.

Capital Stock, Funded Debt, etc.

CAPITAL STOCK, FUNDED DEBT, ETC.—continued.

TABLE No. 2.]

NAME OF COMPANY.	CAPITAL STOCK.		CAPITAL STOCK PER MILE.		FUNDED DEBT.			STOCK AND DEBT.	STOCK AND DEBT PER MILE.
	Sept. 30, 1878.	Sept. 30, 1879.	Sep.30,'78	Sep.30,'79	1878.	1879.	Per mile of road, 1879.		
	\$ cts	\$ cts.	\$ cts.	\$ cts.	\$	\$	\$ cts	\$ cts.	\$ cts
Chicago & Tomah*	.....	13,400 00	.....	425 00	.....	88,	2,885 00	101,400 00	3,310 00
F'du'L.Am'y&Peof	.....	125,000 00	.....	4,310 34	.....	120,	4,137 93	245,000 00	8,448 27
Galena and Wis...	174,000 00	227,777 50	5,612 90	5,555 00	252 000	None.	None.	227,777 50	5,555 00
P. R. V'y. & St's Pt	51,000 00	51,000 00	3,090 90	3,187 50	20 000	34,500	2,156 25	85,500 00	5,343 75
T'l of Nar. Gag. R's	225,000 00	417,177 50	.....	3,611 92	272,000	242,500	2,100 00	659,677 50	5,711 47
Total of all roads..	105,676,944 53	102,122,246 88	21,832 23	22,070 00	88,309,360	103,063 560	21,629 15	205,185,806 88	43,060 78

*New road. †No report in 1878. ‡Debt and stock of the Western Union not included, the road having been purchased by Chicago, Milwaukee and St. Paul Railroad. and new bonds included in its own report.

Cost of Roads.

TABLE No. 3.] COST OF ROAD.

NAME OF COMPANY. Standard Gauge.	COST OF ROAD AND EQUIPMENT.			COST OF ROAD PER MILE.	
	1878.	1879.	Increase	Miles road.	Cost.
	\$ ^{cs.}	\$ ^{cs.}	\$ ^{cs.}		\$ ^{cs.}
Chi., Milwak'e & St. Paul	58,151,576 03	68,683,332 54	10,531,756 51	2,068.28	33,207 93
Chicago & Northwestern	71,786,488 93	72,900,311 30	1,113,822 37	1,199.75	60,762 92
Chi., St. Paul & Minn'lis	No report.	9,726,168 48	9,726,168 48	177.70	54,733 64
Chippewa Falls & West ¹	182,744 98	183,093 39	348 41	10.35	17,690 18
Green Bay & Minnesota.	12,297,805 44	12,354,420 84	56,615 40	218.80	56,464 45
Hudson & River Falls ..	New road.	267,100 00	267,100 00	12.50	21,368 00
Mil., L. Shore & West'rn	6,818,258 46	7,091,420 92	273,162 46	158.80	44,656 30
Mineral Point	1,159,348 00	1,159,348 00	.....	51.00	22,732 31
Northwestern Union....	3,143,116 98	3,175,342 78	32,225 80	62.63	50,700 03
North Wisconsin	1,035,918 59	1,307,900 68	271,982 09	60.00	21,798 34
Pr. du Chien & Mc'Gre'or	100,000 00	100,000 00	.....	2.00	50,000 00
Sheboygan & Fond du L	2,871,770 96	2,978,854 72	107,083 76	78.40	37,995 59
¹ Western Union.....	8,078,463 40	.....	.....	.....	.....
Wisconsin Central	19,775,392 57	19,823,023 38	47,630 81	319.92	61,962 43
Wisconsin Valley	1,789,640 84	1,932,957 92	143,317 08	89.90	21,501 20
Total Stan'd G. Roads ..	187,190,525 18	201,683,274 95	22,571,213 17	4,510.03	44,718 83
NARROW GAUGE.					
² Chicago & Tomah.....	New road.	211,342 39	211,342 39	52.50	4,025 56
Fond' Lac, Amb'y & Peo'a	225,625 06	233,032 51	7,407 45	29.00	8,035 60
Galena & Wisconsin ...	480,191 20	227,777 50	³ 252,413 70	40 00	5,694 44
Pine R. Val. & Stevens P	75,007 56	94,668 17	19,660 61	16.00	5,916 76
Tot. Nar. Gauge Roads	780,823 82	766,820 57	³ 14,003 35	137.50	5,576 87
Total of all Roads....	187,971,349 00	202,450,095 52	22,585,216 53	4,647.53	43,558 42

NOTE.—The Commissioner has no report of the cost of the Milwaukee & Northern R. R.

(119.70 miles), operated by the Wisconsin Central R. R., or the Dubuque, Platteville and Milwaukee R. R. (13 miles), operated by the Mineral Point R. R., both of which are in the hands of receivers and in process of foreclosure; nor of the Oshkosh & Mississippi River R.

R. (30 miles), operated by the Chicago, Milwaukee & St. Paul R. R.

¹ Cost of Western Union is included in report of Chicago, Milwaukee & St. Paul R. R. for 1879.² The cost of the Chicago & Tomah R. R. is upon the basis of 82½ miles of railroad, 23 of which are under construction and nearly completed.³ Decrease. †

Gross Earnings, Operating Expenses, etc.

TABLE No. 4.]

GROSS EARNINGS, OPERATING EXPENSES, INTEREST,
DIVIDENDS AND RENTALS PAID.

NAME OF COMPANY.	WHOLE LINE.					
	Gross Earn'gs.		Operating Expenses.		Excess of Earnings.	
	\$	cts.	\$	cts.	\$	cts.
Chicago, Milwaukee & St. Paul	8,580,272	02	5,063,282	96	3,516,989	06
Chicago & Northwestern	14,194,168	31	6,542,103	53	7,652,064	78
Chicago, St. P. & Minneapolis.	1,070,203	50	655,550	06	414,653	44
Chippewa Falls & Western.	27,235	27	13,817	08	13,418	19
Green Bay & Minnesota	348,690	26	204,557	04	144,133	22
Hudson & River Falls.	19,888	45	8,814	57	11,073	88
Mil. Lake Shore & Western.	287,505	22	190,584	21	96,921	01
Mineral Point.	112,386	09	72,819	90	39,566	19
Northwestern Union.	277,239	28	192,987	55	84,251	73
North Wisconsin.	79,039	60	35,775	14	43,264	46
Prairie du Chien & McGregor.	49,107	00	23,788	02	25,318	98
Sheboygan & Fond du Lac.	84,797	61	82,547	60	2,250	01
² Western Union	773,551	09	538,834	72	234,716	37
Wisconsin Central.	794,137	86	481,915	91	312,221	95
Wisconsin Valley	203,976	54	129,422	18	74,554	36
³ Chicago & Tomah	16,953	21	7,713	50	9,239	71
Fond du Lac, Amboy & Peoria	25,046	21	16,148	83	8,897	38
⁴ Galena & Wisconsin	4,121	85	3,771	85	350	00
Pine River Val. & Stevens Pt..	17,116	70	9,994	52	7,122	18
Total	26,965,436	07	14,274,429	17	12,691,006	90

¹ Road operated by St. Paul, Stillwater & Taylor's Falls Railroad Company, and earnings are rentals for eleven months.

² Operated for nine months.

³ Operated since Feb. 1, 1879.

⁴ Operated for three months.

⁵ Including taxes.

Gross Earnings, Operating Expenses, etc.

TABLE No. 4.] GROSS EARNINGS, etc. — continued.

NAME OF COMPANY.	IN WISCONSIN.					
	Gross Earn-ings.		Operating Ex-penses.		Excess of earnings.	
	\$	cts.	\$	cts.	\$	cts.
Chicago, Milwaukee & St. Paul	5,008	848 49	2,731	834 65	2,277	013 84
Chicago & Northwestern.....	2,888	780 26	2,039	525 36	849	254 90
Chi. St. P. & Minneapolis.....	944	240 54	580	583 42	363	657 13
Chippewa Falls & Western.....	27	235 27	13	317 08	13	418 19
Green Bay & Minnesota.....	348	690 26	204	557 04	144	133 22
Hudson & River Falls.....	19	888 45	8	814 57	11	073 88
Mil. Lake Shore & Western...	287	505 22	190	584 21	86	921 01
Mineral Point.....	107	978 79	69	964 22	38	014 57
Northwestern Union.....	277	239 28	192	987 55	84	251 73
North Wisconsin.....	79	039 60	35	775 14	43	264 46
Prairie du Chien & McGregor.	42	968 62	20	814 52	22	154 10
Sheboygan & Fond du Lac....	84	797 61	82	547 60	2	250 01
Western Union.....	309	420 44	215	533 89	93	886 55
Wisconsin Central.....	794	137 86	481	915 91	312	221 95
Wisconsin Valley.....	203	976 54	129	422 18	74	554 36
Chicago & Tomah.....	16	953 21	7	713 50	9	239 71
Fond du Lac, Amboy & Peoria	25	046 21	16	148 83	8	897 38
Galena & Wisconsin.....	3	091 40	2	328 88		262 52
Pine River Valley & Stev. Pt..	17	116 70	9	994 52	7	122 18
Total	11,486	954 75	7,035	363 67	4,451	591 68

Gross Earnings, Operating Expenses, etc.

TABLE No. 4.] GROSS EARNINGS, ETC. — continued.

NAME OF COMPANY.	Interest paid.		Dividends paid.		Rentals paid.		Total of operating expenses, interest, dividends and rentals p'd.
	\$	cts.	\$	cts.	\$	cts.	
Chi., Mil. & St. Paul....	2,285,931	36	859,563	80			8,208,778 12
Chi. & Northwestern...	2,257,904	07	2,429,809	30	1,247,471	20	12,477,288 10
Chi., St. P. & Minneapo.	305,102	34			38,744	44	999,396 84
Chipewa F'ls & Western	10,372	56					24,189 64
Green Bay & Minnesota					19,688	77	224,245 81
Hudson & River Falls..	9,166	63					17,981 20
Mil., L. Sh. & Western .	65,737	43					256,321 64
Mineral Point.....	32,000	00					104,819 90
Northwestern Union...	*250,496	08					443,483 63
North Wisconsin	4,725	60					40,500 14
Pr. du C. & McGregor..							23,788 02
Sheb'gan & F. du Lac..							82,547 60
Western Union	874	34					539,709 06
Wisconsin Central					145,010	61	626,926 52
Wisconsin Valley... ..	31,780	00					161,202 18
Chicago & Tomah.....							7,713 50
F. du L. Amb. & Peoria	1,111	10			10	00	17,269 93
Galena & Wisconsin ...							3,771 85
P. R. Val. & Ste. Point.	1,090	00			5	00	11,089 52
Total.....	5,256,290	91	3,289,373	10	1,450,930	02	24,271,023 20

* Including \$15,000 paid to sinking fund.

Total Earnings for the Year.

TABLE No. 5.]

TOTAL EARNINGS FOR THE YEAR ENDING SEPT.
30, 1879.

NAME OF COMPANY.	PASSENGERS.		FREIGHT.	
	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chi., Mil. & St. Paul...	2,141,269 15	1,072,642 37	5,943,874 84	3,634,447 92
Chi. & Northwestern...	2,858,180 94	682,960 81	10,713,848 71	2,055,169 35
Chi., St. P. & Minn'pls.	280,421 80	247,416 14	756,728 23	667,661 31
Chip. Falls & Western..	13,971 48	13,971 48	12,638 19	13,638 19
Green Bay & Minn....	79,843 98	79,843 98	244,198 79	244,198 79
(1) Hud. & Riv. Falls...	.....	.....	.....	.....
Mil., Lake S. & Wst'rn	86,254 42	86,254 42	188,829 01	188,829 01
Mineral Point.....	2,462 16	20,620 50	86,874 62	83,467 77
Northwestern Union...	105,926 57	105,926 57	158,536 24	158,536 24
North Wisconsin.....	15,481 59	15,481 59	60,790 37	60,790 37
Prai. du Chien & McGre.	.....	.....	.....	.....
Sheboy. & Fond du Lac	27,155 12	27,155 12	49,659 07	49,659 07
(2) Western Union.....	144,045 47	57,618 19	591,523 00	236,609 20
Wisconsin Central.....	202,315 36	202,315 36	552,405 55	552,405 55
Wisconsin Valley.....	44,308 35	44,308 35	154,190 36	154,190 36
(3) Chicago & Tomah..	2,708 99	2,708 99	9,487 08	9,487 08
Fond' Lac, Amb. & Peor.	6,924 67	6,924 67	17,739 77	17,739 77
(4) Galena & Wisconsin	1,483 35	1,112 52	2,269 70	1,702 28
Pine Riv. Val. & Stv. Pt.	2,141 50	2,141 50	13,461 66	13,461 66
Total	6,033,894 90	2,669,402 56	19,557,055 19	8,140,993 92

1. Road operated by St. Paul, Stillwater & Taylor's Falls R. R., and earnings are the rental received for eleven months.
 2. For nine months only; after that included with Chicago, Milwaukee & St. Paul.
 3. Road in operation since Feb. 1, 1879.
 4. For three months only.

Total Earnings for the Year.

TABLE No. 5.]

TOTAL EARNINGS FOR THE YEAR ENDING SEPTEMBER 30, 1879—continued.

NAME OF COMPANY.	MAILS EXPRESS AND ALL OTHER SOURCES.		TOTAL.			
	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.		
	\$ cts.	\$ cts.	\$ cts.	\$	cts.	
Chi., Mil. & St. Paul ...	495,128 03	301,758 20	8,580,272 02	5,008,848	49	
Chi. & Northwestern ...	622,138 66	150,650 10	14,194,168 31	2,888,780	26	
Chi., St. Paul & Minn'lis	33,053 47	29,163 09	1,070,203 50	944,240	54	
Chippewa F'ls & West'n	625 60	625 60	27,235 27	27,235	27	
Green Bay & Minn.....	24,647 49	24,647 49	348,690 26	348,690	26	
Hudson & River Falls..	.....	.....	19,888 45	19,888	45	
Mil., L. Shore & West'n.	12,421 79	12,421 79	287,505 22	287,505	22	
Mineral Point.....	4,049 31	3,890 52	112,386 09	107,978	79	
Northwestern Union ...	12,776 47	12,776 47	277,239 28	277,239	28	
North Wisconsin.....	2,767 64	2,767 64	79,039 60	79,039	60	
P. du. Chi'n & McGregor	.....	.....	49,107 00	42,968	62	
Sheboygan & Fond du L.	7,983 42	7,983 42	84,797 61	84,797	61	
Western Union.....	37,982 62	15,193 05	773,551 09	309,420	44	
Wisconsin Central.....	39,416 95	39,416 95	794,137 86	794,137	86	
Wisconsin Valley	5,477 83	5,477 83	203,976 54	203,976	54	
Chicago & Tomah.....	1,221 44	1,221 44	16,953 21	16,953	21	
Fond' Lac, Amb'y & Peo'a	381 77	381 77	25,046 21	25,046	21	
Galena & Wisconsin...	368 80	276 60	4,121 85	3,091	40	
Pine R. Val. & Stevens P	1,513 54	1,513 54	17,116 70	17,116	70	
Total	1,301,954 83	610,165 50	26,965,436 07	11,486,954	75	

Freight Earnings.

TABLE No. 6.]

FREIGHT EARNINGS, Etc.

NAME OF COMPANY.	TOTALS OF FREIGHT EARNINGS.				FREIGHT EARNINGS PER MILE.		FREIGHT EARNINGS PER TRAIN MILE.					
	Whole line.		In Wisconsin.		1878	1879	1878	1879				
	1878	1879	1878	1879								
	\$	cts.	\$	cts.	\$	cts.						
Chi., Mil. & St. Paul	6,127,543	23 5/8	5,943,874	84 1/2	4,023,294	52 3/8	3,634,447	92 4/8	4,338 58	3,202 52	1 56	1 75
Chi., & Northwestern	9,953,356	52 1/2	10,713,848	71 1/2	2,108,355	97 1/2	2,055,169	35 6/8	6,209 40	6,624 65	1 49	1 53
C., St. P. & Min'polis	237,375	58	756,723	23	209,436	47	667,661	31 1/8	1,178 62	3,757 34	1 38	1 46
Chip. F'l's & Wester'n	11,125	84	12,638	19	11,125	84	12,638	19	1,076 69	1,223 06	1 72.5	1 96
Green Bay & Minn'.	272,118	49	244,198	79	272,118	49	244,198	79	1,117 07	1,002 46	2 15.4	1 29
Hudson & River F'l's	New Road				New R'd		New R'd		New R'd		New R'd	
Mil., L. Shore & W..	155,336	76	188,829	01	155,336	76	188,829	01	956 51	1,162 74	96	1 19
Mineral Point	96,841	57	86,874	62	93,043	86	83,467	77	1,898 85	1,703 42	1 38	1 15
Northwestern Union.	167,875	40	158,536	24	167,875	40	158,536	24	2,680 43	2,531 32	2 09	1 94
North Wisconsin....	62,008	50	60,790	37	62,008	50	60,790	37	1,523 81	1,013 17	.....	.....
Prairie D. C. & McG.	62,045	00	Not given.		54,290	00	Not given.		31,022 50	.....	.....	.....
Sheboygn & F. du L.	56,156	86	49,659	07	56,156	86	49,659	07	710 85	633 41	1 32.3	.....
Western Union	* 803,103	58	591,523	00	422,959	81	236,609	20 3/8	3,774 87	2,780 37	1 47	1 59
Wisconsin Central...	488,349	37	552,405	55	488,349	37	552,405	55	1,086 43	1,239 12	1 52	1 73
Wisconsin Valley...	143,607	97	154,190	36	143,607	97	154,190	36	1,595 64	1,713 22	2 25	2 42
West Wisconsin.....	† 399,141	09	.....		368,666	25	.....		.....	.....	.....	.....
Madison & Portage..	‡ 31,236	72	.....		31,236	72	.....		.....	.....	.....	.....
Chicago & Tomah ...	New road.		¶ 9,487	08	.....		9,487	08	.....	311 05	.....	73.5
F. du L., Amboy & P.	5,616	66	17,739	77	5,616	66	17,739	77	203 50	611 70	39	64
Galena & Wisconsin.	.....		§ 2,269	70	.....		1,702	28	.....	56 74	.....	38
Pine R. Val. & S. P't.	14,632	47	13,461	66	14,632	47	13,461	66	1,005 56	841 35	.....	67.4
Total.....	19,087,471	61	19,557,055	19 3/8	8,688,111	92 3/8	8,140,993	92 3/8	3,924 86	3,750 87	1 54	1 61.8

* For nine months after which its earnings are included with C., M. & St. Paul R. R.

† For seven months, after which it became the Chicago, St. Paul & Minneapolis R. R.

‡ For eleven months, after which it became a part of the C., M. & St. Paul R. R.

§ In operation but three months.

¶ In operation since February 1, 1879.

Comparative Table Showing Number of Tons Carried.

NAME OF COMPANY.	TOTAL NUMBER OF TONS CARRIED.		NUMBER TONS CARRIED ONE MILE.		
	Whole Line.		In Wis.	Whole Line.	In Wis.
	1878.	1879.	1879.	1879.	1879.
Chicago, Milwaukee & St. Paul.....	1,975,534	2,255,120	1,179,471	357,865,597	182,511,454
Chicago & Northwestern.....	3,694,603	4,036,880	1,429,400	692,749,821	260,473,932
Chicago, St. Paul and Minneapolis		364,771	320,998	49,466,595	43,530,603
Chippewa Falls and Western.....	7,905	8,961	8,961	2,777,791	2,777,791
Green Bay and Minnesota.....	124,478	115,903	115,903	16,555,882	16,555,882
¹ Hudson and River Falls.....					
Milwaukee, Lake Shore and Western..	132,088	158,950	158,950	9,276,023	9,276,023
Mineral Point.....	68,171	61,104	58,707	2,016,432	1,955,939
Northwestern Union.....	217,703	215,418	215,418	6,877,594	6,877,594
North Wisconsin.....		Not given.	Not given.	Not given.	Not given.
Prairie du Chien & McGregor.....		Not given.		Not given.	
Sheboygan & Fond du Lac.....	38,376	Not given.		Not given.	
Western Union (9 months in 1879) ..	462,341	348,422	258,118	37,163,002	14,865,200
Wisconsin Central.....	236,222	299,357	299,357	27,804,876	27,804,876
Wisconsin Valley.....	82,954	108,599	108,599	6,218,085	6,218,085
Chicago and Tomah.....	No report				
Fond du Lac, Amboy & Peoria.....		13,201	13,201	145,927	145,927
Galena & Wisconsin (3 months)....		2,342	1,757	Not given.	
Pine River Valley & Stevens Point...		8,371	8,371	125,568	125,568
Total.....	7,040,375	7,997,399	4,177,211	1,206,543,193	563,741,280

¹ Operated by St. Paul, Stillwater & Taylor's Falls R. R.

¹ NOTE.—Owing to a want of uniformity of manner in keeping the tonnage of freights among the Railroad Companies, and the total neglect of some to keep it in an available form, the Commissioner is unable to make this table as complete as he could wish; but will endeavor to make it more full in future.—COMMISSIONER.

Passenger Earnings—per mile of Road.

TABLE No. 8.
PASSENGER EARNINGS ON THE ENTIRE LENGTH, AND PER MILE OF ROAD, FOR 1878
AND 1879.

17—R. R. COM.

NAME OF COMPANY.	PASSENGER EARNINGS.		INCREASE AND DECREASE ON WHOLE LINE.		PASSENGER EARNINGS.		PASSENGER EARNINGS PER MILE. ¹	
	Whole Line.		Increase.	Decrease.	In Wisconsin.		In Wisconsin.	
	1878.	1879.	1878.	1879.	1878.	1879.	1878.	1879.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
² Chi., Mil. & St. Paul	2,027,721 20	2,141,269 15	113,548 95	.....	1,066,583 08	1,072,642 37	1,549 41	1,389 43
Chicago & Northwestern.	2,984,738 80	2,858,180 94	.....	126,557 86	698,831 35	682,960 81	1,386 15	1,354 57
Chi., St. P. & Minneapolis	253,725 45	280,421 80	166,377 98	.....	224,172 40	247,416 14	566 25	1,392 36
Chippewa Falls & West'n	12,920 51	13,971 48	1,050 97	.....	12,920 51	13,971 48	1,250 37	1,352 07
Green Bay & Minnesota..	88,034 63	79,843 98	.....	8,240 65	88,034 63	79,843 98	361 59	327 76
Mil., Lake Shore & West'n	77,522 61	86,254 42	8,731 81	.....	77,522 61	86,254 42	477 36	531 12
Mineral Point	24,631 51	21,462 16	.....	3,169 35	23,665 56	20,620 50	482 97	420 82
Northwestern Union.....	109,932 52	105,926 57	.....	4,005 95	109,932 52	105,926 57	1,755 27	1,691 31
North Wisconsin	11,750 32	15,481 59	3,731 27	.....	11,750 32	15,481 59	280 00	258 03
P. du Chien & McGregor.	3,142 00	.....	.....	.....	2,749 00	.....	.....	.....
Sheboygan & F. du Lac..	34,589 61	27,155 12	.....	7,434 49	34,589 61	27,155 12	437 84	346 36
³ Western Union	218,954 34	144,045 47	.....	74,908 87	84,156 72	57,618 19	987 75	677 06
Wisconsin Central.....	195,556 10	202,315 36	6,759 26	.....	195,556 10	202,315 36	435 05	450 09
Wisconsin Valley	43,129 50	44,308 35	1,178 85	.....	43,129 50	44,308 35	545 28	492 30
⁴ Chicago & Tomah	New road	2,708 99	2,708 99	.....	.....	2,708 99	.....	88 72
F. du L., Amboy & Peoria.	3,026 46	6,924 67	3,898 21	.....	3,026 46	6,924 67	109 65	238 78
⁵ Galena & Wisconsin ...	.....	1,483 35	1,483 35	.....	.....	1,112 52	.....	37 08
Pine Riv. Val. & Stev. Pt.	1,458 65	2,141 50	682 85	.....	1,458 65	2,141 50	.....	133 84
Total.....	6,090,884 21	6,033,894 90	.....	56,989 31	2,678,179 02	2,669,402 56	av. 984 21	av. 935 48

¹ On the basis of 2,853 50 miles of operated road. ² Including earnings of Madison & Portage. ³ For nine months; balance of year included with C., M. & St. P. ⁴ Since Feb. 1, 1879. ⁵ For three months, balance of year not in operation.

TABLE No. 9.] PASSENGER EARNINGS—EARNINGS ON PASSENGERS PER MILE AND PER TRAIN MILE.

NAME OF COMPANY.	TOTAL PASSENGER EARNINGS.		PASSENGER EARNINGS PER MILE.		PASSENGER EARNINGS PER TRAIN MILE.	
	Whole line.	In Wisconsin.	Whole line.	In Wisconsin.	Whole line.	In Wisconsin.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chicago, Milwaukee & St. Paul....	2,141,269 15	1,072,642 37	1,153 70	1,339 43	1 22	1 25
Chicago & Northwestern.....	2,858,180 94	682,960 81	1,767 29	1,354 57	1 13	77.88
¹ Chicago, St. Paul & Minneapolis.	280,421 80	247,416 14	1,392 36	1,392 36	1 22	1 19
Chippewa Falls & Western.....	13,971 48	13,971 48	1,352 07	1,352 07	1 07	1 07
Green Bay & Minnesota.....	79,843 98	79,843 98	327 76	327 76	47.1	47.1
Milwaukee, Lake Shore & Western.	86,254 42	86,254 42	531 12	531 12	.....	.....
Mineral Point.....	21,462 16	20,620 50	420 82	420 82	28	28
Northwestern Union.....	105,926 57	105,926 57	1,691 31	1,691 31	1 33	1 33
North Wisconsin.....	15,481 59	15,481 59	258 03	258 03	Not given.	Not given.
Sheboygan & Fond du Lac.....	27,155 12	27,155 12	346 36	346 36	Not given.	Not given.
² Western Union.....	144,045 47	57,618 19	677 06	667 06	67	67
Wisconsin Central.....	202,315 36	202,315 36	450 09	450 09	52	52
Wisconsin Valley.....	44,308 35	44,308 35	492 30	492 30	88	88
³ Chicago & Tomah.....	2,708 99	2,708 99	88 82	88 82	21	21
Fond du Lac, Amboy & Peoria....	6,924 67	6,924 67	233 78	233 78	23	23
⁴ Galena & Wisconsin.....	1,483 35	1,112 52	37 08	37 08	25	25
Pine River Valley & Stevens Point.	2,141 50	2,141 50	133 84	133 84	10.72	10.72
Total.....	6,033,894 90	2,669,402 56	1,157 25	935 48	1 08.5	.90

¹ Passenger earnings per train mile, embraces mails, express and all other sources.

² For five months; balance of year included with C., M. & St. P.

³ Since February 1, 1879.

⁴ For three months; balance of year unoperated.

Passenger Earnings—Per Mile and per Train Mile.

TABLE No 10.

COMPARATIVE TABLE SHOWING THE NUMBER OF PASSENGERS CARRIED IN THE YEARS 1878 AND 1879, WITH INCREASE AND DECREASE.

NAME OF COMPANY.	Number of Passengers Carried.					
	Whole Line.				In Wisconsin.	
	1878.	1879.	Increase.	Decrease.	1878.	1879.
Chicago, Milwaukee & St. Paul..	1,370,253	1,458,392	88,139	.....	726,023	*779,357
Chicago & Northwestern.....	3,078,786	3,075,843	.....	2,943	921,411	*866,942
Chicago, St. Paul & Minneapolis.	153,682	159,017	5,335	.....	135,244	*139,934
Chippewa Falls & Western.....	30,841	32,191	1,350	.....	30,841	32,191
Green Bay & Minnesota.....	56,632	60,744	4,112	.....	56,632	60,744
Milwaukee, Lake Shore & West.	76,913	76,983	70	.....	76,913	76,983
Mineral Point.....	29,799	25,476	.....	4,323	28,630	24,711
Northwestern Union.....	94,594	74,852	.....	19,742	94,594	74,852
² North Wisconsin.....	.....	.....	.....	.....	.....	.....
Sheboygan & Fond du Lac.....	.....	.....	.....	.....	50,345	.....
¹ Western Union.....	239,094	160,254	.....	78,840	115,268	65,063
Wisconsin Central.....	155,442	160,867	5,425	.....	155,442	160,867
Wisconsin Valley.....	36,282	37,693	1,411	.....	36,282	37,693
³ Chicago & Tomah.....	.....	.....	.....	.....	.....	.....
Fond du Lac, Amboy & Peoria..	.....	5,271	5,271	.....	.....	5,271
⁴ Galena & Wisconsin.....	.....	1,467	1,467	.....	.....	*1,100
Pine River Val. & Stevens Point	2,300	7,138	4,838	.....	2,300	7,138
Total.....	5,324,618	5,336,188	11,570	.....	2,429,925	2,432,846

¹For nine months; balance of year included with Chicago, Milwaukee & St. Paul.

²No report. ³For three months; balance of year unoperated.

⁴Estimated on basis of miles of road operated in State.

Comparative Table Showing Passengers Carried.

Number of Passengers Carried One Mile.

TABLE No. 11.] COMPARATIVE TABLE SHOWING THE NUMBER OF PASSENGERS CARRIED ONE MILE IN 1878 AND 1879, WITH INCREASE AND DECREASE.

NAME OF COMPANY.	NUMBER PASSENGERS CARRIED ONE MILE.					
	Whole Line.				In Wisconsin.	
	1878.	1879.	Increase.	Decrease.	1878.	1879.
Chicago, Milwaukee & St. Paul....	64,222,683	73,637,224	9,414,541	.....	35,098,865	37,284,219
Chicago & Northwestern....	108,727,223	107,695,478	.....	1,031,745	20,097,354	19,973,114
Chicago, St. Paul & Minneapolis ..	8,796,787	9,242,068	445,281	.....	7,741,173	8,133,019
Chippewa Falls & Western.....	308,410	289,930	.....	18,480	308,410	289,930
Green Bay & Minnesota.....	2,327,689	2,449,145	121,456	.....	2,327,689	2,449,145
Hudson & River Falls .....	.....	.....	.....	.....	.....	.....
Milwaukee, Lake Shore & Western	2,258,795	2,505,528	246,733	.....	2,258,795	2,505,528
Mineral Point.....	699,899	534,996	.....	164,903	672,452	534,996
Northwestern Union	3,455,982	3,287,467	.....	168,515	3,455,982	3,287,467
North Wisconsin .....	.....	.....	.....	.....	.....	.....
Sheboygan & Fond du Lac .....	.....	.....	.....	.....	.....	.....
¹ Western Union	6,467,605	5,042,395	.....	1,425,210	2,697,539	2,016,958
Wisconsin Central.....	5,664,816	6,049,363	384,547	.....	5,664,816	6,049,363
Wisconsin Valley.....	827,229	869,970	42,741	.....	827,229	869,970
Chicago & Tomah .....	.....	77,399	77,399	.....	.....	77,399
Fond du Lac, Amboy & Peoria.....	.....	123,150	123,150	.....	.....	123,150
Galena & Wisconsin .....	.....	28,456	28,456	.....	.....	28,456
Pine River Valley & Stevens Point.	32,000	85,656	53,656	.....	32,000	85,656
Total.....	203,789,118	211,918,225	8,129,107	.....	81,182,304	83,708,370

¹ For nine months; balance of year with Chicago, Milwaukee & St. Paul.

TABLE No. 12.] WHOLE NO. OF PASSENGERS CARRIED ONE MILE, AND WHOLE NO. CARRIED;

Rate per passenger per mile, and average distance traveled by each passenger.

NAME OF COMPANY.	NO. OF PASSENGERS CARRIED.		NO. OF PASSENGERS CARRIED ONE MILE.				EARNINGS FROM PASSENGERS CARRIED.		Rate per pass. per mile.		Av. mileage of each passenger.
	Whole Line.	In Wisconsin.	WHOLE LINE.			In Wisconsin.	Whole Line.	In Wisconsin.	Wh. line	In Wis	
			Eastward*	Westwa'd†	Total.						
Chi, Mil. & St. Paul	1,458,392	779,357	34,634,167	39,003,057	73,637,224	37,284,219	2,141,269 15	1,072,642 37	2.92	2.88	48.99
Chicago & Northw'n	3,075,843	866,942	.....	.....	107,695,478	19,973,114	2,858,180 94	682,960 81	2.65	3.42	35.01
Chi. St. P. & Minneap.	159,017	139,934	4,378,703	4,863,365	9,242,068	8,133,019	280,421 80	247,416 14	3.03	3.03	58.12
Chip. Falls & West'n	32,191	32,191	145,250	144,680	289,930	289,930	13,971 48	13,971 48	3.90	3.90	9.50
Gr. Bay & Minne-ota	60,744	60,744	.....	.....	2,449,145	2,449,145	79,843 98	79,843 98	4.	4.	40.30
Hudson & Riv. Falls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mil., L. S. & Western	76,983	76,983	.....	.....	2,505,528	2,505,528	86,254 42	86,254 42	3.40	3.40	32.50
Mineral Point	25,476	24,711	.....	.....	534,996	534,996	21,462 16	20,620 50	4.00	4.00	21.00
Northwestern Union.	74,852	74,852	.....	.....	3,287,467	3,287,467	105,926 57	105,926 57	3.20	3.20	43.94
North Wisconsin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
P. du C. & McGregor	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheb'n & F. du Lac..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
¹ Western Union	160,254	65,063	2,265,436	2,776,959	5,042,395	2,016,958	144,045 47	57,618 19	2.86	2.86	31.00
Wisconsin Central ...	160,867	160,867	2,829,812	3,219,551	6,049,363	6,049,363	202,315 36	202,315 36	3.44	3.44	37.61
Wisconsin Valley...	37,693	37,693	.....	.....	869,970	869,970	44,308 35	44,308 35	5.00	5.00	23.00
² Chicago & Tomah.	.....	.....	.....	.....	77,399	77,399	2,708 99	2,708 99	3.33	3.33	.....
F. du L. Amb. & Peo.	5,271	5,271	61,775	61,375	123,150	123,150	6,924 67	6,924 67	2.90	2.90	23.00
³ Galena & Wisconsin	1,467	1,100	.....	.....	28,456	28,456	1,483 35	1,112 52	3.30	3.30	19.03
P. Riv. Val. & St. Pt.	7,138	7,138	42,955	42,701	85,656	85,656	2,141 50	2,141 50	2.50	2.50	12.00
Total.....	5,336,188	2,432,846	.....	.....	211,918,225	83,708,370	6,033,894 90	2,669,402 56	.....	.....	39.73

NOTE.—Where blanks occur in above table, there was no report that enabled the filling of them.—Cox.

¹ For nine months; balance of year included with C., M. & St. P.

² Since Feb. 1, 1879. ³ For three months; balance of year unoperated.

* Or south. † Or north.

Passengers Carried and Number Carried one Mile.

TABLE No. 13.]

EARNINGS PER MILE—TOTAL AND NET.

NAME OF COMPANY.	FREIGHT EARNINGS PER MILE.		PASSENGER EARNINGS PER MILE.		ON MAILS, EXPRESS AND ALL OTHER SOURCES.		TOTAL EARNINGS PER MILE.		NET EARNINGS PER MILE.	
	Whole line.	In Wisconsin.	Whole line.	In Wisconsin.	Whole line.	In Wisconsin.	Whole line.	In Wisconsin.	Whole line.	In Wisconsin.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Chicago, Mil. & St. Paul..	3,202 52	4,707 83	1,153 70	1,389 43	266 77	390 38	4,622 99	6,488 14	1,894 93	2,949 49
Chicago & North western..	6,624 65	4,076 18	1,767 29	1,354 57	384 68	298 80	8,776 62	5,729 55	4,731 47	not giv'n
Chi., St. P. & Minneapolis.	3,757 34	3,757 34	1,392 36	1,392 36	164 12	164 12	5,313 82	5,313 82	2,058 86	2,046 46
Chippewa Falls & Western	1,223 06	1,223 06	1,352 07	1,352 07	60 54	60 54	2,635 67	2,635 67	1,298 54	1,298 54
Green Bay & Minnesota...	1,002 46	1,002 46	327 76	327 76	101 18	101 18	1,431 40	1,431 40	510 84	510 84
Mil. Lake Shore & Western	1,162 74	1,162 74	531 12	531 12	76 49	76 49	1,770 35	1,770 35	597 42	597 42
Mineral Point	1,703 42	1,703 42	420 82	420 82	79 39	79 39	2,203 63	2,203 63	755 80	775 80
Northwestern Union	2,531 32	2,531 32	1,691 31	1,691 31	204 00	204 00	4,426 63	4,426 63	1,345 23	1,345 23
North Wisconsin	1,013 17	1,013 17	258 03	258 03	46 12	46 12	1,317 32	1,317 32	642 32	642 32
Sheboygan & Fond du Lac	633 41	633 41	346 36	346 36	101 83	101 83	1,081 60	1,081 60	33 69	33 69
Western Union	2,780 37	2,780 37	677 06	677 06	178 53	178 53	3,635 96	3,635 96	1,103 25	1,103 25
Wisconsin Central	1,228 93	1,228 93	450 09	450 09	87 69	87 69	1,766 71	1,766 71	694 59	694 59
Wisconsin Valley	1,713 22	1,713 22	492 30	492 30	60 88	60 88	2,266 40	2,266 40	828 38	828 38
Chicago & Tomah	311 05	311 05	88 82	88 82	40 05	40 05	439 92	439 92	187 01	187 01
F. du L., Amboy & Peoria.	611 70	611 70	238 78	238 78	13 16	13 16	863 64	863 64	250 24	250 24
Galena & Wisconsin	56 74	56 74	37 08	37 08	9 22	9 22	103 04	103 04	8 75	8 75
Pine R. Val. & Stevens Pt.	841 35	841 35	133 84	133 84	94 59	94 59	1,069 78	1,069 78	445 13	445 13
Average	3,750 87	2,852 98	1,157 25	935 48	249 70	213 83	5,171 74	4,025 56	.....	.....

Earnings per Mile—Total and Net.

TABLE No. 14.]

EARNINGS PER TRAIN MILE.

NAME OF COMPANY.	FREIGHT EARNINGS PER TRAIN MILE.		PASSENGER EARNINGS PER TRAIN MILE.		EARNINGS PER MILE ON MAILS, EXP AND ALL OTHER SOURCES		TOTAL EARNINGS PER TRAIN MILE.		NET EARNINGS PER TRAIN MILE	
	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.	Whole Line.	In Wisconsin.
Chi., Milwaukee & St. Paul	\$1 75	\$2 09	\$1 22	\$1 25	\$ 10	\$ 12	\$ 07	\$3 46	68	88
Chicago & Northwestern	1 53	73.77	1 13	77.88	21.65	16.49	2 87.65	1 68.14	80.36	51.76
Chi., St. Paul & Minneapolis.....	1 46	1 41	1 22	1 19	*	*	2 68	2 60	53.63	69
Chippewa Falls & Western.....	1 96	1 96	1 07	1 07	05	05	3 08	3 08	69	69
Green Bay & Minnesota	1 42.90	1 42.90	47.10	47.10	14.05	14.05	2 04.50	2 04.50	34.90	34.90
Mil., Lake Shore & Western.....	1 19	1 19							37.25	37.25
Mineral Point.....	1 15	1 15	28	28	05	05	1 48	1 48	52	52
Northwestern Union.....	1 94	1 94	1 33	1 33	15	15	3 42	3 42	52	52
Western Union.....	1 59	1 59	67	67	06	06	2 32	2 32	40	40
Wisconsin Central.....	1 73	1 73	52	52	09	09	2 34	2 34	40.70	40.70
Wisconsin Valley	2 42	2 42	88	88	09	09	3 39	3 39	57	47
Chicago & Tomah.....	73.56	73.56	21	21	09.47	09.47	1 04.03	1 04.03	44.23	44.23
Fond' Lac Amboy & Peoria....	64	64	23	23	01.40	01.40	88.40	89.	46.80	46.80
Galena & Wisconsin.....	38	38	25	25	06	06	69	69 40	07	07
Pine R. Val. & Stevens Point.....	67.41	67.41	10.72	10.71	07.58	07.58	85.07	85.71	36.08	36.08
	1 61.80	1 41	1 08.50	90	24 40	20 50	2 93.70	2 57.50	000 00	000 00

* Embraced in passenger earnings.

TABLE No. 15.

TRAIN MILEAGE.

NAME OF COMPANY.	MILES RUN BY PASSENGER TRAINS.		NO. MILES RUN BY FREIGHT AND MIXED TRAINS.		NO. MILES RUN BY WOOD, GRAVEL AND CONSTRUCTION TRAINS.		NO. MILES RUN BY SWITCHING TRAINS.		TOTAL TRAIN MILEAGE.	
	On whole line.	In Wisconsin.	On whole line.	In Wisconsin.	On whole line.	In Wisconsin.	On whole line.	In Wisconsin.	On whole line.	In Wisconsin.
Chi., Mil. & St. P..	1,759,423	897,305	3,388,608	1,728,190	597,418	304,683	1,200,430	612,219	6,945,879	4,543,434
Chicago & N. W..	2,520,786	947,815	7,001,413	2,632,631	326,742	114,560	.....	.....	9,848,941	3,703,026
C., St. P. & Minn ¹ is	256,509	225,728	504,910	356,761	111,326	97,967	111,754	98,343	884,499	810,925
Chip. Falls & W'n.	12,896	12,896	6,448	6,448	6,338	.....	1,200	1,200	20,544	20,544
G. B. & Minn.....	169,481	169,481	159,837	156,837	12,025	12,025	17,650	17,650	355,993	355,993
Mil., L. S. & W'n..	102,790	102,790	158,994	158,994	48,846	48,846	51,977	51,977	362,607	362,607
Mineral Point.....	.....	.....	75,060	72,057	1,030	989	.....	.....	76,090	73,046
N. W. Union.....	80,410	80,410	81,622	81,622	18,487	18,487	.....	.....	180,519	180,519
North Wisconsin ¹.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheb'n & F. du L. ¹.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Western Union ...	213,457	85,382	372,536	149,014	18,100	7,240	72,740	29,096	676,833	270,733
Wisconsin Central.	388,490	388,490	320,251	320,251	41,708	41,708	57,772	57,772	808,221	808,221
Wisconsin Valley.	55,980	55,980	63,700	63,700	11,000	11,000	.....	.....	130,680	130,680
Chicago & Tomah ²	.....	.....	12,896	12,895	.....	.....	.....	.....	12,896	12,896
F. du L., Amb. & P. ²	.....	.....	15,490	15,490	.....	.....	.....	.....	15,490	15,490
Galena & Wis ²	.....	.....	5,860	4,395	.....	.....	.....	.....	5,860	4,395
P. R. V. & Stev. Pt. ²	.....	.....	19,968	19,968	.....	.....	.....	.....	19,968	19,968
Total.....	5,560,222	2,966,277	12,084,593	5,779,154	1,186,682	657,505	1,513,523	868,257	20,345,020	10,312,477

¹ No record kept.² No separate passenger trains run.

Train Mileage.

TABLE No. 16.]

TRAIN MILEAGE, WITH INCREASE AND DECREASE.

NAME COMPANY.	TOTAL NUMBER OF MILES RUN BY PASSENGER TRAINS.				INCREASE AND DECREASE.		TOTAL NUMBER OF MILES RUN BY FREIGHT AND MIXED TRAINS.				INCREASE AND DECREASE.	
	Whole Line.		In Wisconsin.		Whole Line.		Whole Line.		In Wisconsin.		Whole Line.	
	1878.	1879.	1878.	1879.	Incr.	Decr.	1878.	1879.	1878.	1879.	Incr.	Decr.
C. Mil. & St. Paul..	1,370,839	1,759,423	789,656	897,305	388,584	.....	3,936,904	3,388,608	2,324,505	1,728,190	.....	548,296
Chicago & N. W.	2,514,792	2,520,786	871,693	947,815	5,994	.....	6,688,131	7,001,413	2,672,047	2,632,531	313,282	.....
Chi., St. P. & Minn.	106,846	256,509	94,025	225,728	149,663	.....	121,271	404,910	106,719	356,761	283,639	.....
Chip. F'ls & West'n	12,896	12,896	12,896	12,896	.....	.....	6,448	6,448	6,448	6,448	.....	.....
Green B. & Minne.	167,053	169,481	167,053	169,481	2,428	.....	126,325	156,837	126,325	156,837	30,512	.....
Mil., L. S. & West'n	87,179	102,790	87,179	102,790	15,611	.....	161,785	158,994	161,785	158,994	.....	2,791
Mineral Point ..	.....	.....	.....	.....	.....	.....	70,000	75,000	67,650	72,057	5,060	.....
Northwest'n Union	79,411	80,410	79,411	80,410	999	.....	80,214	81,622	80,214	81,622	1,408	.....
¹ North Wisconsin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheb'n & F. du L.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
² Western Union..	286,102	213,457	120,654	85,382	.....	72,645	544,627	372,536	243,767	149,014	.....	172,091
Wisconsin Central.	348,938	388,490	348,938	388,490	39,522	.....	321,276	320,251	321,276	320,251	.....	1,025
Wisconsin Valley.	56,340	55,980	56,340	55,980	.....	360	63,900	63,700	63,900	63,700	.....	200
³ Chicago & Tomah	.....	.....	.....	.....	.....	.....	.....	12,896	.....	12,896	12,896	.....
³ F. du L., Am. & P.	.....	.....	.....	.....	.....	.....	.....	15,490	.....	15,490	15,490	.....
³ Galena & Wisc..	.....	.....	.....	.....	.....	.....	.....	5,860	.....	4,395	5,860	.....
³ P. R. V. & St. P't.	.....	.....	.....	.....	.....	.....	15,600	19,968	15,600	19,968	4,368	.....
Total.....	5,030,396	5,560,222	2,627,845	2,966,277	529,826	.....	12,136,481	12,084,593	6,190,176	5,779,154	.....	51,888

(1) Not reported.

(2) For nine months.

(3) No exclusive passenger trains.

Train Mileage — Increase and Decrease.

No. 5.]

RAILROAD COMMISSIONER.

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TABLE No. 17.] TONNAGE OF THE DIFFERENT KIND OF FREIGHTS CARRIED.

NAME OF COM- PANY.	Grain.	Flour.	Provi- sions.	Salt, ceme't water, lime and stucco	Manufactures, including agr'l imp'ts, furniture and wagons.	Live stock.	Lumber and forest pro- ducts.	Iron, lead, and mineral products.	Stor e, brick, lime, sand, etc.	Coal.	Merchandise, and other articles.	All other freights not above enumerated.	WHOLE LINE. Total freight in tons.	Total for Wisconsin.
	Tons.	Tons.	Tons.	Tons.										
Chi. Mil. & St. P.	601,708	203,900	40,179	34,865	34,084	143,188	340,170	98,378	105,059	114,554	240,042	299,042	2,255,120	1,179,472
(1) Chi. & N. Ws'n													4,036,880	1,429,400
Chi., St.P & Minn's	92,834	51,615	5,800	3,575	.....	2,480	66,607	17,181	3,247	6,602	97,357	17,473	364,771	320,998
Chip. Falls & Ws'n	2,053	2,517	415	230	139	10	12	.....	289	489	1,734	1,074	8,962	8,962
Green Bay & Minn	25,951	5,692	1,323	1,615	2,255	1,505	65,421	445	1,022	2,416	8,259	.....	115,903	115,903
Mil., L. S. & Ws'n.	26,826	5,388	7,832	1,222	20,403	2,793	36,107	23,200	6,657	4,698	22,924	.....	158,950	158,950
Mineral Point	17,585	234	59	902	232	15,752	4,740	9,430	244	2,073	9,853	.....	61,104	58,707
(1) N. W. Union....													215,418	215,418
(2) North Wis . . .														
(2) Sheb. & Fon'Lac														
Western Union . . .	108,094	2,730	8,683	7,455	9,762	24,931	51,980	2,622	13,749	70,756	47,660	.....	388,422	258,118
Wis. Central.	31,186	10,458	12,510	2,573	12,642	6,527	151,128	7,105	4,992	5,084	21,758	33,396	299,358	299,358
Wisconsin Valley.	1,986	866	585	790	265	165	95,694	27	345	180	6,587	11,154	108,599	108,599
(2) Chi. & Tomah.														
(1) F duL. Amb.&P.													13,202	13,202
(3) Galena & Wis.	176						1,880	96	32		40	119	2,343	1,757
P. R. Val & Stv.P	2,779	1,276	534	119	42	1,421	438	.....	.....	37	1,531	193	8,371	8,371
Total													7,997,403	4,177,215

(1) No classification of commodities kept.

(2) Tonnage not reported.

(3) For three months.

Tonnage of the Different Kinds of Freights Carried.

TABLE No. 18.]

TABLE OF ACCIDENTS FOR THE YEAR 1879.

NAME OF COMPANY.	PASSENGERS.				EMPLOYES.				OTHERS.				NUMBER OF EACH CLASS.						TOTAL.	
	From causes beyond their control.		By mismanagement or want of caution.		From causes beyond their control.		By mismanagement or want of caution.		From causes beyond their control.		By mismanagement or want of caution.		Killed.			Injured.			Killed.	Injured.
	Kil.	Inj.	Kil.	Inj.	Kil.	Inj.	Kil.	Inj.	Kil.	Inj.	Kil.	Inj.	Passeng'rs	Employes.	Others.	Passeng'rs	Employes.	Others.		
Chicago, Mil. & St. Paul...					1	5	6	26			25	23		7	25		31	23	32	54
Chicago & Northwestern..	1	1		1	5	11	16	30			35	28		21	35		41	28	57	71
Chi., St. Paul & Minneap'ls						2	4	6			1	4		4	1		8	4	5	12
Chippewa Fal's & West'm*																				
Green Bay & Minn*																				
Hudson & River Fal's*																4				4
Mil. L. Shore & Western				4																
Mineral Point*																				
Northwestern Union*																				
North Wisconsin							1	3						1				3	1	3
Pr. du Chien & Mc Gregor.																				
Sheboygan & Fond du Lac*																				
Western Union		1	1	1		7					1		1		2		7		2	9
Wisconsin Central					1	26					2	2		1	2		26	2	3	28
Wisconsin Valley							1	1			1			1	1		1		2	1
Chicago & Tomah*																				
Fond'Lac, Amb'y & Peoria*																				
Galena & Wisconsin*																				
Pine R. Val. & Stevens Pt*																				
Total	1	2	1	6	7	51	28	66			65	57	2	35	65	8	117	57	102	182
In Wisconsin		1	1	5	1	37	11	30			21	26	1	12	21	6	67	26	34	99

* No accidents.

Table of Accidents.

Number of Persons Employed, Character of Service, etc.

 TABLE NO. 19 — Part 1.] *Number of Persons Employed; Character of Service, Average Salary paid Each Class; and the Total Amount Paid Each Class.*

NAME OF COMPANY.	DIVISION ASST' SUP'S AND ROADMASTERS.			CLERKS IN GENERAL OFFICES.			AGENTS & CLERKS AT ALL STATIONS.			MASTER AND SKILLED MECHANICS.		
	No.	Av. Salary.	Total.	No.	Av. Salary.	Total.	No.	Av. Salary.	Total.	No.	Av. Salary.	Total.
Chicago, Milwaukee & St. P. ¹	25	1,444 80	\$36,120	236	758 88	179,095 64	428	612 36	262,090 08	3	1,819 92	\$5,459 76
Chicago & Northwestern.....	20	2,069 00	41,384	140	830 00	116,217 00	871	660 00	575,473 00	1686	628 50	1,059,744 00
Chicago, St. Paul & Minn.....							76					
Chippewa Falls & Western				4	750 00	3,000 00						
Green Bay & Minnesota.....	1	1,200 00	1,200				40	511 13	20,445 20	4	725 00	2,900 00
Hudson & River Falls												
Mil'kee, Lake Shore & Western	2	1,380 00	2,760	9	651 95	6,520 00	45	442 20	19,899 20	13	693 12	9,010 56
Milwaukee & Northern.....				2	950 00	1,900 00						
Mineral Point	2	1,050 00	2,100	1	720 00	720 00	10	550 00	5,550 00	8	779 41	6,236 25
Northwestern Union.....				1	540 00	540 00	21	513 00	10,773 00			
North Wisconsin				1	900 00	900 00	7	480 00	3,360 00			
Prairie du Chien & McGregor.	1	1,200 00	1,200	1	1,200 00	1,200 00						
Sheboygan & Fond du Lac.....		No Data										
Western Union ¹	3	945 00	2,835	15	618 00	9,270 00	80	444 64	35,571 39	117	471 56	55,172 27
Wisconsin Central.....	5	1,484 00	7,420	24	696 99	16,727 26	100	432 33	43,232 88	74	657 48	48,653 50
Wisconsin Valley.....	3	1,300 00	3,900	2	600 00	1,200 00	13	650 00	8,450 00	11	1,440 00	1,440 00
Chicago & Tomah.....							5					
Fond du Lac, Amboy & Peoria ²	1	1,500 00	625	3	547 56	634 47	4	363 84	606 47	2	458 04	381 72
Galena & Wisconsin ³	1	720 00	180	1	600 00	150 00	6	180 00	270 00	2	510 00	255 00
Pine River Valley & Stevens Pt.							3	448 09	1,344 00	1	600 00	
Total	64	99,724	441	338,124	37	1709	987,065	22	1911	1,189,252	06	

(1.) Operated for nine months only.

(2.) Operated for five months only.

(3.) Operated for three months only.

TABLE No. 19—Part 2.] *Number of persons employed, character of service, average salary paid each class, and the total amount paid each class.*

NAME OF COMPANY.	HELPERS IN SHOPS.			CONDUCTORS.			ENGINEERS.			FIREMEN AND WIPERS.			BRAKEMEN.		
	No.	Av. Sal'y.	Total.	No.	Av. Salary.	Total.	No.	Av. Salary.	Total.	No.	Av. Salary.	Total.	No.	Av. Sal'y.	Total.
C. M. & St. P.	1119	\$ 593 16	\$ 663,745 94	197	\$ 877 92	\$ 85,168 24	286	\$ 1,021 08	\$ 292,027 28	510	\$ 478 68	\$ 244,126 80	428	\$ 539 16	\$ 230,760 44
¹ C. & N. W.	207	873 00	180,711 00	383	1,043 06	399,468 00	558	588 00	328,104 00	487	540 00	262,980 00			
C., St. P. & M.	101	56		87											
Chip F. & W.		1 000 00	1,000 00	1	1,000 00	1,000 00	2	480 00	960 00		1 480 00	480 00			
Gr. B. & Minn	18	500 00	9,000 00	8	700 00	5,600 00	10	840 00	8,400 00	15	390 00	5,850 00	18	420 00	7,560 00
Hud. & Riv. F.															
Mil., L. S. & W	26	351 00	9,126 00	12	825 50	9,906 15	15	832 08	12,481 20	28	365 40	10,231 20	24	380 00	9,120 00
Mil. & North.															
Mineral Point.	4	380 62	1,522 50	2	900 00	18,000 00	4	1,020 00	4,080 00	6	514 58	3,087 50	4	450 00	1,800 00
Northwest'n U.				3	820 00	2,460 00	5	1,043 00	5,215 00	5	588 00	2,940 00	6	570 00	3,420 00
North Wis				1	1000 00	1,000 00	1	1,200 00	1,200 00	2	540 00	1,080 00	3	540 00	1,620 00
P. du C. & M'G				1	1200 00	1,200 00	6	900 00	5,400 00	4	600 00	2,400 00	4	600 00	2,400 00
She. & F. du L															
² West'n Union	63	290 89	18,326 01	27	653 46	17,643 32	31	812 09	25,174 73	69	386 32	23,179 28	56	404 68	22,662 30
Wis. Central..	13	418 29	5,437 75	86	488 86	42,042 08	30	902 32	27,069 60	36	510 46	18,376 56			
Wis. Valley ..				4	840 00	3,360 00	5	1,080 00	5,400 00	4	600 00	2,400 00	7	540 00	3,780 00
Chi. & Tomah.				2	600 00	1,200 00	2	780 00	1,560 00	2	468 00	936 00			
³ F. d' L. A & P	1	324 60	134 99	1	784 08	327 96	1	1,230 72	512 83	2	479 64	399 72	1	542 88	226 19
⁴ Galena & Wis	1	100 00	25 00	1	600 00	150 00	2	600 00	300 00	3	360 00	270 00			
P. R. V. & S. P				1	608 00	608 00	1	853 00	853 00	1	390 00	390 00			
Total.....	1346	.....	707,318 19	610	.....	370,376 60	870	.....	790,141 64	1238	.....	644,731 06	1039	.....	546,808 93

¹ Included in the last.

² Operated for 9 months only.

³ Operated for 5 months only.

⁴ Operated for 3 months only.

Number of Persons Employed, Character of Service, etc.

Number of Passengers Employed — Character of Service, etc.

TABLE No. 19 — Part 3.] *Number of persons employed, character of service, average salary paid each class, and the total amount paid each class.*

NAME OF COMPANY.	Flagmen, Switchtenders, Gatekeepers and Watchmen.			SECTION FOREMEN.			SECTION LABORERS.			ALL OTHER EMPLOYES.		
	No.	Av. Salary	Total.	No.	Av. Salary	Total.	No.	Av. Salary	Total.	No.	Av. Salary	Total.
		\$ cts.	\$ cts.		\$ cts.	\$ cts.		\$ cts.	\$ cts.		\$ cts.	\$ cts.
Chicago, Milwaukee & St. Paul	178	501 72	89,306 16	301	485 40	146,105 40	2776	333 84	926,739 84	823	698 64	574,982 72
Chicago & Northwestern	515	510 00	262,650 00	284	540 00	153,360 00	.....	.....	.....	2470	353 00	872,200 00
Chicago, St. Paul & Minneapolis	330	.....	.....	.....	.....	.....	.....	.....	.....	48	.....	.....
Chippewa Falls & Western	.....	.....	.....	1	480 00	480 00	5	360 00	1,800 00	1	360 00	360 00
Green Bay & Minnesota	2	360 00	720 00	35	420 00	14,700 00	67	320 00	21,440 00	44	375 86	16,537 84
Hudson & River Falls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Lake Shore & West.	5	376 68	1,883 40	23	430 00	11,040 00	90	300 00	27,000 00	55	330 00	18,150 00
Milwaukee & Northern	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1720 00	720 00
Mineral Point	5	420 00	2,100 00	6	420 00	2,520 00	25	310 00	7,750 00	3	484 00	1,452 00
Northwestern Union	11	510 00	5,610 00	12	550 00	6,600 00	172	353 00	60,716 00	13	353 00	4,589 00
North Wisconsin	.....	.....	.....	.....	6 510 00	3,060 00	32	390 00	12,480 00	.....	.....	.....
Prairie du Chien & McGregor	4	600 00	2,400 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shochoygan & Fond du Lac	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Western Union	16	341 31	5,461 00	41	363 20	14,850 00	120	232 06	27,847 10	51	597 92	30,493 96
Wisconsin Central	18	419 72	7,554 95	73	495 07	36,140 00	313	312 00	97,656 00	35	526 63	18,432 00
Wisconsin Valley	4	480 00	1,920 00	10	600 00	6,000 00	50	360 00	18,000 00	25	600 00	15,000 00
Chicago & Tomah	1	450 00	450 00	.....	3 468 00	1,404 00	9	390 00	3,510 00	.....	.....	.....
Fond du Lac, Amboy & Peoria	.....	.....	.....	.....	3 503 88	419 94	12	300 00	1,467 14	.....	.....	.....
Galena & Wisconsin	1	.....	.....	.....	2 480 00	240 00	12	360 00	900 00	.....	.....	.....
Pine River Valley & Stevens Pt.	1	312 00	312 00	2	337 50	675 00	6	300 00	1,800 00	.....	.....	.....
Total	1091	.....	330,367 51	802	.....	397,594 34	3689	.....	1,209,106 08	3569	.....	1,552,917 52

EARNINGS AND EXPENSES
OF
WISCONSIN RAILROADS
FROM 1871 TO 1879.

THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY.
Comparative Statement of Earnings and Expenses—whole line.

EARNINGS.

MONTHS.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
January ..	394,969 29	\$ 459,619 33	332,888 01	\$ 631,723 84	\$ 454,070 83	\$ 522,532 16	\$ 373,324 38	\$ 687,137 63	\$ 583,712 85
February..	315,780 21	386,364 44	422,058 98	636,616 35	309,878 05	513,957 79	396,099 39	650,669 50	467,984 83
March ...	392,381 35	424,406 40	552,222 34	563,765 96	486,081 53	560,892 34	460,214 00	648,439 16	612,358 11
April.....	453,646 29	464,517 07	558,980 33	689,421 01	605,691 02	592,684 74	480,964 47	746,155 00	638,687 46
May.....	618,432 74	547,667 69	754,469 68	865,693 85	654,975 05	748,136 26	576,731 02	774,743 86	793,513 19
June.....	636,345 06	560,449 84	887,433 32	815,714 34	682,581 19	830,259 02	544,360 96	615,745 77	756,016 91
July.....	462,852 94	461,278 80	802,901 65	722,345 83	781,606 77	660,693 47	534,910 43	635,060 88	742,141 60
August...	506,557 01	544,800 04	744,163 44	660,355 30	589,663 09	548,725 63	659,927 49	507,213 09	692,032 23
September	793,993 95	780,040 99	1,145,987 54	763,077 51	696,017 04	617,653 74	1,131,749 63	661,815 76	994,104 37
October..	814,201 82	915,485 34	970,389 57	813,030 52	914,424 85	787,909 43	1,136,392 20	803,546 49	.....
November	630,727 96	677,814 72	739,469 12	661,090 50	864,852 90	729,203 60	864,522 09	789,952 24	.....
December.	471,713 40	509,972 63	820,703 16	651,121 35	740,959 73	597,567 08	659,128 80	706,221 74	.....
Totals..	6,491,602 02	6,722,417 29	8,731,667 14	8,473,956 36	7,780,802 05	7,710,215 22	7,818,324 86	8,226,591 12	.....

Chicago, Milwaukee & St. Paul Railway—earnings.

Chicago, Milwaukee & St. Paul Railway — Expenses.

EXPENSES.

18—R. R. COM.

January ..	\$ 289,248 78	\$ 314,918 76	\$ 400,579 17	\$ 405,452 34	\$ 329,046 14	\$ 368,962 37	\$ 331,346 77	\$ 335,491 39	\$ 395,991 58
February.	267,938 72	324,540 99	412,412 87	423,364 02	347,677 53	328,974 28	383,728 59	360,827 83	358,786 08
March ...	285,790 72	331,652 87	521,762 12	436,704 31	346,625 86	346,986 91	284,387 62	392,376 41	390,870 70
April	277,212 91	358,933 65	533,764 79	460,879 57	361,998 23	383,418 32	302,634 88	445,312 36	438,953 66
May	340,282 86	435,132 52	542,629 27	578,293 05	419,838 14	427,324 73	326,667 02	427,972 80	444,065 63
June	340,532 82	407,947 26	578,512 12	544,238 91	474,007 82	456,446 61	343,182 51	399,332 06	408,824 97
July	319,798 55	381,348 54	638,822 37	520,663 66	521,828 73	454,104 73	332,018 79	398,460 93	474,628 38
August ...	315,082 32	424,461 94	628,156 08	520,543 12	431,934 91	413,669 96	396,957 39	362,394 63	455,648 92
September	420,888 72	420,100 31	701,202 65	571,847 20	455,514 42	424,313 17	571,699 64	401,661 16	491,216 04
October ..	367,862 29	473,676 17	625,352 70	441,184 26	487,583 36	413,936 09	479,713 59	420,664 34	.....
November	329,685 75	423,006 57	537,400 47	401,714 96	458,563 29	468,619 56	450,944 88	419,298 44	.....
December	296,030 12	399,896 39	463,068 13	447,729 89	459,016 24	390,612 21	375,694 06	364,334 22	.....
Totals..	3,850,354 56	4,695,615 97	6,583,662 74	5,752,615 29	5,093,634 67	4,877,368 94	4,478,975 68	4,728,126 57	.....

¹ Earnings and expenses of elevators are not included in these statements.

THE WESTERN UNION RAILROAD.
Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
January..	44,235 34	60,397 71	58,139 87	63,300 45	72,226 72	77,997 25	67,625 08	87,523 92	80,208 06
February..	46,501 78	54,269 45	58,698 92	63,854 96	60,720 54	80,910 00	58,629 15	68,081 65	65,238 22
March...	54,220 16	51,053 50	55,841 14	68,405 26	78,550 91	93,108 37	69,044 07	74,599 24	79,701 61
April.....	54,612 06	53,467 81	55,809 29	75,149 44	72,170 29	70,137 82	65,202 21	79,225 91	72,204 12
May....	82,725 58	70,056 50	73,834 75	98,732 57	79,128 60	80,957 65	76,031 22	96,781 81	97,402 33
June.....	90,546 12	85,627 96	119,565 64	120,793 20	90,449 98	104,292 13	69,241 35	71,439 40	87,658 06
July....	67,179 09	63,944 31	107,726 63	100,129 62	124,511 37	80,569 31	81,193 62	68,884 53	*
August...	83,244 89	75,902 17	113,517 56	111,036 42	110,228 01	78,758 18	104,333 56	102,288 41	.....
September	101,256 79	105,512 48	162,127 19	116,289 06	119,890 46	91,970 21	136,697 08	121,767 88	.....
October..	86,260 08	94,825 81	128,757 56	122,201 20	125,598 10	117,146 37	121,898 77	116,141 55	.....
November	70,080 02	67,673 01	121,188 18	95,899 35	117,582 34	92,587 49	92,234 44	87,796 74	.....
December.	61,307 31	64,380 50	82,427 50	87,316 28	109,372 69	79,480 62	82,928 24	87,200 40	.....
Totals..	842,169 22	847,111 21	1,137,634 23	1,123,107 81	1,160,430 01	1,047,915 40	1,025,058 79	1,061,731 44	.....

Western Union Railroad — Earnings.

EXPENSES.

January ..	\$ 35,984 38	\$ 54,520 47	\$ 57,006 56	\$ 50,743 72	\$ 55,533 41	\$ 55,523 54	\$ 51,679 77	\$ 65,857 79	\$ 58,944 28
February.	40,062 33	50,034 79	65,731 24	51,387 93	53,886 91	56,037 70	44,939 03	55,146 43	47,599 78
March ...	47,159 70	49,850 60	62,150 11	53,178 90	56,765 43	61,924 40	45,233 44	63,889 41	53,048 79
April	49,319 23	59,973 77	55,595 94	59,969 27	59,928 12	64,730 60	45,303 41	64,372 19	59,556 83
May	60,255 76	65,764 99	65,683 39	68,058 07	62,035 07	69,971 45	56,833 71	63,048 84	64,083 33
June	51,139 65	60,010 55	78,561 73	73,183 20	68,974 16	73,774 66	54,471 77	60,459 99	60,426 49
July	52,398 26	55,897 20	77,760 48	74,016 72	71,953 04	68,182 61	56,637 71	56,388 15	*
August ..	59,515 92	60,337 27	82,804 84	71,751 11	87,737 72	68,250 11	67,224 13	72,059 08	.....
September	68,692 92	61,321 30	93,493 96	70,767 80	81,281 65	87,545 65	71,944 14	57,378 60	.....
October ..	58,071 56	66,034 41	88,171 70	74,334 30	75,876 19	79,653 55	69,311 03	65,438 42	.....
November	60,345 15	60,098 48	89,040 76	63,104 35	78,405 85	57,099 16	71,886 68	62,507 37	.....
December	55,428 34	59,116 35	62,240 66	57,668 84	77,909 98	56,675 99	63,454 61	67,229 43	.....
Totals..	638,373 20	702,960 18	878,241 37	768,164 21	830,287 53	799,369 42	699,019 43	753,775 70	.....

*Balance of year included with Chicago, Milwaukee & St. Paul.

Western Union Railroad — Expenses.

THE CHICAGO & NORTHWESTERN RAILWAY.
Comparative Statement of Earnings and Expenses.

EARNINGS.

Month.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
January..	\$ 655,427 91	\$ 774,856 40	\$ 752,467 57	\$ 1,014,513 85	\$ 825,468 69	\$ 808,842 06	\$ 721,023 55	\$ 997,780 34	\$ 943,174 50
February..	602,451 86	714,121 88	765,249 09	900,764 79	671,784 30	854,626 56	714,116 27	1,004,194 05	831,585 37
March ...	774,993 62	846,393 96	967,258 36	1,024,060 77	970,063 77	944,449 81	804,556 20	994,864 10	999,688 37
April	789,641 42	900,375 59	1,034,022 55	1,080,193 35	1,024,389 26	919,977 57	858,894 52	1,138,474 35	1,024,286 53
May	1,094,101 34	1,074,779 30	1,256,072 33	1,290,595 88	1,164,458 67	1,090,751 53	930,014 47	1,346,003 14	1,312,007 50
June	952,899 78	1,070,459 86	1,309,578 57	1,163,522 42	1,052,890 52	1,232,407 40	927,143 22	962,153 82	1,286,114 41
July	851,846 45	1,029,957 73	1,249,444 84	1,011,685 05	1,257,892 17	1,015,992 13	934,887 94	1,066,284 85	1,215,760 86
August...	1,099,337 78	1,196,700 27	1,316,327 14	1,118,370 66	1,098,634 14	986,682 81	1,141,310 08	1,179,254 60	1,244,483 35
September	1,281,574 36	1,303,304 21	1,520,638 19	1,254,255 36	1,206,806 39	1,182,830 29	1,559,367 71	1,347,007 44	1,581,904 42
October ..	1,047,318 08	1,433,948 47	1,516,583 25	1,407,974 96	1,409,168 45	1,403,992 79	1,471,214 08	1,459,099 12	.....
November	1,006,235 34	1,067,886 67	1,075,907 55	1,065,725 84	1,196,333 03	1,117,349 04	1,138,119 12	1,304,853 62	.....
December	852,422 52	859,779 61	1,052,915 15	1,030,027 53	933,339 12	909,640 58	928,747 69	991,210 26	.....
Totals..	11,008,280 46	12,272,063 98	13,816,464 59	13,361,690 46	12,811,228 51	12,467,542 57	12,129,394 83	13,791,179 26	.....

Chicago & Northwestern Railway—Earnings.

EXPENSES.

January..	\$ 718,258 82	\$ 743,129 37	\$ 886,983 72	\$ 893,416 16	\$ 750,697 20	\$ 608,016 69	\$ 694,931 83	\$ 648,725 11	\$ 684,013 90
February..	444,314 37	579,149 11	848,536 90	739,953 47	611,975 36	576,787 97	536,487 68	600,503 85	559,479 38
March ...	447,421 12	647,867 55	721,789 85	950,509 47	752,684 77	524,987 41	464,240 76	498,287 33	528,453 18
April.....	512,413 52	574,040 44	725,583 36	847,007 17	720,481 54	538,613 28	444,270 73	467,125 51	481,535 47
May	265,070 67	408,811 97	778,532 93	440,486 54	422,837 35	371,652 40	249,278 23	499,186 62	465,244 77
June	597,819 01	565,324 99	1,051,624 99	901,834 81	770,096 19	720,950 22	685,757 21	685,052 75	624,777 63
July	487,407 86	614,425 39	582 863 43	552,914 85	647,645 12	598,033 63	581,819 20	578,352 74	568,319 59
August...	515,034 43	667,659 55	764,053 90	674,295 75	770,933 65	703,282 12	578,943 15	570,862 55	575,391 52
September	537,943 59	585,495 67	751,719 32	667,945 70	734,045 17	577,150 64	563,143 06	538,855 85	542,944 58
October ..	506,014 52	670,741 37	891,665 63	684,459 66	707,555 82	586,099 46	608,655 80	505,399 32	.....
November	665,560 06	558,814 19	706,082 55	645,862 65	644,517 42	504,789 91	552,736 91	497,571 91	.....
December.	547,247 99	554,348 79	666,195 98	598,704 91	514,006 87	468,154 85	470,126 51	509,972 28	.....
Totals..	6,244,505 96	7,169,808 39	9,375,632 56	8,597,391 14	8,047,476 46	6,778,528 58	6,430,391 07	6,598,895 82	.....

Chicago & Northwestern Railway—Expenses.

CHIPPEWA FALLS & WESTERN RAILWAY.
Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
January ..						\$ 1,915 84	\$ 1,730 33	\$ 1,699 48	\$ 1,538 04
February ..						1,897 56	1,897 47	1,383 81	1,064 29
March ...						2,435 67	2,119 93	2,099 88	1,910 82
April ...						3,441 19	2,896 06	2,047 82	2,217 18
May						3,463 19	2,293 46	2,380 96	2,440 06
June						2,551 09	1,976 62	1,678 27	2,490 84
July						2,448 39	2,664 68	1,810 28	2,314 30
August...						2,077 38	1,652 22	1,797 10	2,116 68
September ..						2,335 56	2,256 92	2,219 55	2,577 55
October ..						2,914 08	2,585 96	2,740 43	.....
November ..						3,123 39	2,762 59	2,825 64	.....
December ..						2,420 55	2,532 49	2,999 44	.....
Totals..						31,023 89	27,368 73	25,682 66	.....

Chippewa Falls & Western Railway—Earnings.

Chippewa Falls & Western Railway — Expenses.

EXPENSES.

January ..								\$1,071 23
February ..								1,100 78
March ..								979 90
April ..								1,053 61
May ..								1,194 25
June ..								1,162 46
July ..								1,069 87
August ..								1,238 68
September ..								1,118 91
October ..							\$1,269 57	
November ..							1,386 22	
December ..							1,171 60	
Totals ..					\$14,317 98	\$14,285 60	\$3,847 39	

Did not keep the account by months.

Did not keep the account by months.

THE MADISON & PORTAGE RAILROAD.
Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
January	\$ 2,330 33	\$ 1,554 40	\$ 2,048 75	\$ 1,674 34	\$ 2,386 74	\$ 3,036 54	\$ 3,286 76	
February	2,220 23	1,743 49	2,307 15	941 29	2,657 47	2,122 73	4,175 87	
March	2,803 50	2,231 23	3,592 71	2,029 08	3,236 64	1,930 87	4,475 21	
April	1,324 55	2,733 25	1,734 81	3,023 89	2,404 22	2,699 67	2,266 85	4,809 40
May	1,713 98	3,400 42	2,939 62	3,024 71	2,412 62	2,716 01	2,927 73	4,222 63
June	1,827 38	3,486 24	2,702 58	3,950 90	2,815 54	3,145 13	3,825 99	2,481 63
July	1,688 09	3,919 56	2,503 59	2,707 85	3,434 14	3,117 06	3,384 56	3,648 48
August	3,160 48	4,088 85	3,551 26	1,412 34	2,459 29	3,114 01	4,087 71	3,407 19
September.....	3,723 76	4,333 45	4,433 94	2,147 32	3,747 35	2,735 50	5,737 34	.....
October	3,276 39	3,432 50	2,531 44	2,838 06	3,521 35	3,059 58	4,878 34	.....
November.....	2,741 34	3,285 45	2,406 00	2,044 10	3,193 11	3,459 69	5,240 46	.....
December	2,055 23	2,207 82	2,184 29	2,076 83	2,636 85	2,752 85	3,913 60	.....
Totals	21,511 20	38,241 60	30,516 65	32,174 61	31,269 18	34,080 35	43,352 72	31,507 17

Madison & Portage Railroad — Earnings.

EXPENSES.

January.....	\$	\$	\$	\$	\$	\$	\$	\$
February.....								
March.....								
April.....	1,546 98	2,226 61	2,158 53	2,770 42	2,819 02	3,804 53	2,182 28	3,941 35
May.....	1,701 93	2,391 03	2,562 17	2,516 01	2,933 67	5,363 01	5,537 81	4,704 36
June.....	2,445 39	2,533 62	2,319 04	2,499 44	3,440 93	3,403 79	2,414 81	4,947 92
July.....	1,691 69	2,385 49	2,513 58	2,481 31	3,665 42	2,878 65	2,537 90	6,105 81
August.....	2,345 35	2,807 95	3,080 89	2,666 13	3,021 82	3,831 44	2,153 94	3,971 58
September.....	3,157 08	2,449 11	2,397 00	2,642 87	3,010 05	4,792 17	3,355 06	.....
October.....	2,889 44	2,479 88	2,802 85	2,798 01	2,457 16	4,204 10	2,502 41	.....
November.....	2,620 69	2,586 53	2,119 01	2,494 57	2,557 80	2,695 82	2,711 14	.....
December.....	2,810 51	2,208 20	2,024 60	2,126 36	2,462 03	1,143 29	2,145 69	.....
Totals.....	22,209 06	30,051 97	29,302 90	30,109 63	36,484 39	40,132 14	31,862 72	30,251 77

NOTE.—Earnings and expenses included with Chicago, Milwaukee & St. Paul, since September 1, 1878.

THE NORTHWESTERN UNION RAILWAY.
Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
January.....	\$	\$ 17,066 84	\$ 14,391 24	\$ 14,636 72	\$ 18,152 42	\$ 25,073 60	\$ 19,142 30
February.....		17,186 00	11,344 02	24,127 63	18,294 97	21,244 48	15,104 73
March.....	799 36	19,468 80	20,465 07	23,293 20	20,549 13	20,781 63	20,322 78
April.....	344 44	21,153 00	19,138 59	18,421 51	19,989 32	24,337 21	19,922 53
May.....	134 66	21,830 16	19,722 06	23,115 40	20,581 29	20,744 68	26,201 44
June.....	255 23	23,922 41	23,436 87	24,169 88	18,812 71	20,813 05	24,432 47
July.....	184 16	18,495 95	23,528 47	23,197 43	19,379 00	22,587 06	19,790 01
August.....	208 97	19,972 09	17,750 00	21,610 57	19,563 31	26,735 51	19,944 43
September.....	11,620 36	22,885 49	29,794 12	30,184 69	32,895 43	28,829 72	33,586 43
October.....	17,189 79	20,380 57	18,193 60	30,694 08	31,272 43	30,713 51	.....
November.....	16,931 88	17,824 72	24,611 10	21,683 23	24,877 64	23,508 86	.....
December.....	20,675 42	18,012 01	17,626 41	20,550 55	21,946 61	24,570 29	.....
Totals....	68,344 27	238,198 04	250,001 55	275,683 89	266,314 26	289,939 10	.....

Northwestern Union Railway—Earnings.

Northwestern Union Railway—Expenses.

EXPENSES.

	\$	\$	\$	\$	\$	\$	\$
January		7,690 93	13,874 81	13,688 60	17,679 03	14,478 92	17,133 07
February.....		8,642 46	8,648 25	7,947 41	10,441 96	11,317 88	9,461 14
March		8,599 43	9,557 54	14,921 88	10,300 93	10,593 43	12,622 88
April	284 50	8,664 54	10,300 63	8,796 16	9,282 78	12,317 09	8,811 13
May	280 96	*7,787 54	7,574 66	11,259 23	7,644 18	20,888 22	13,489 42
June	277 00	9,548 12	11,126 70	18,756 79	9,807 70	9,725 95	22,234 10
July	309 29	7,917 36	10,269 96	10,813 03	10,041 59	14,408 42	19,788 14
August.....	293 71	9,527 31	14,135 39	17,380 50	16,041 02	17,469 20	27,217 26
September.....	3,587 38	9,168 22	12,349 74	14,458 25	9,537 89	16,006 37	30,720 49
October	9,379 00	9,869 79	13,216 58	15,722 76	9,888 42	9,504 94	.....
November.....	7,611 32	9,498 27	11,880 21	11,512 14	9,237 88	10,558 11	.....
December	7,833 41	8,727 46	11,801 67	11,364 55	9,374 72	9,456 87	.....
Totals.....	29,856,57	91,066 35	134,736 14	156,621 29	129,278 10	156,985 41	.....

*This item is a credit to operating expenses.

THE MINERAL POINT RAILROAD.
Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
January	7,514 18	9,052 62	8,035 27	10,428 20	8,767 52	8,535 55	8,084 48	14,317 85	9,762 44
Feb. . . .	6,209 99	7,329 68	7,581 37	8,691 65	6,370 26	10,662 04	9,117 39	10,451 81	7,351 66
March . .	7,210 38	8,440 78	9,160 29	10,107 87	8,086 33	8,316 23	9,624 98	9,567 19	7,980 14
April . . .	6,587 40	8,641 04	8,652 97	11,879 48	7,602 07	7,362 08	7,648 15	10,242 67	6,894 31
May . . .	9,846 93	9,953 57	12,934 42	11,155 97	8,093 59	8,763 30	9,678 15	11,004 99	9,457 19
June . . .	9,499 86	9,534 14	11,431 04	12,370 75	9,037 60	11,488 40	9,090 60	8,842 53	9,370 39
July . . .	5,933 63	8,335 87	11,000 80	8,260 78	12,633 47	7,824 24	8,239 11	6,522 12	7,053 91
August . .	7,156 04	8,344 86	8,579 55	7,029 79	8,755 64	8,192 26	9,135 04	8,415 14	7,551 91
Sept. . . .	10,498 44	10,430 00	12,656 78	9,688 29	10,700 27	9,905 78	14,772 83	12,628 75	10,582 03
October . .	8,760 95	13,478 06	13,737 82	12,798 33	13,088 12	13,654 02	12,056 20	13,221 28	.....
Nov . . .	10,678 51	10,836 01	11,656 36	12,161 00	11,543 16	11,847 71	10,305 69	12,960 56	.....
Dec . . .	8,170 59	10,666 44	12,695 66	10,113 70	10,162 69	11,750 19	11,215 49	10,200 27	.....
Totals	98,066 90	115,043 06	128,122 33	124,685 99	114,840 72	118,301 80	118,968 01	128,375 21	.....

Mineral Point Railroad Company—Earnings.

EXPENSES.

January	\$ 12,544 67	\$ 11,645 11	\$ 11,511 93	\$ 11,503 56	\$ 13,913 07	\$ 9,382 41	\$ 7,522 87	\$ 6,786 51	\$ 8,041 05
Feb....	10,433 43	8,931 61	10,445 58	13,165 28	8,524 68	8,303 13	6,756 43	5,539 89	6,003 92
March .	5,573 40	8,257 12	6,461 21	6,506 42	22,470 36	7,415 22	9,280 96	8,088 20	7,033,29
April ..	4,790 46	5,423 51	6,388 16	14,648 72	17,112 49	6,539 16	5,500 83	4,978 41	4,434 01
May ...	5,247 40	6,112 99	7,274 81	9,970 99	7,878 83	9,324 18	7,729 02	5,017 11	6,430 79
June ...	5,749 69	7,374 48	6,969 06	8,252 20	9,665 99	13,021 80	5,385 49	5,577 78	5,609 46
July ...	5,013 32	5,977 44	9,269 37	6,553 78	8,481 39	15,632 40	5,323 60	6,273 86	5,634 67
August.	5,955 64	5,693 59	12,091 20	5,585 25	8,605 43	9,669 06	5,615 52	9,211 47	5,322 81
Sept ...	6,866 54	10,143 31	8,465 48	6,423 97	13,618 80	17,927 46	5,693 13	5,461 01	5,268 28
October	9,764 05	7,912 74	5,024 52	7,214 28	18,963 79	9,23 248	6,303 98	6,044 89	.....
Nov ...	8,615 40	22,284 17	6,146 77	9,458 49	7,117 98	6,976 19	5,093 80	6,246 34	.....
Dec ...	5,579 78	5,772 35	7,566 79	13,186 05	10,259 12	8,809 16	4,938 23	6,750 39	.....
Totals.	86,133 78	105,528 42	98,614 88	112,468 99	146,551 93	132,233 65	75,143 86	85,975 86	.....

Mineral Point Railroad Company — Expenses.

THE WISCONSIN CENTRAL RAILROAD.
 [The Phillips & Colby Construction Company until December 17, 1877.]
Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
	\$	\$	\$	\$	\$	\$	\$
January	8,799 77	44,284 74	38,875 21	51,585 96	64,676 08	55,320 97	58,107 42
February.....	9,529 75	46,470 35	20,389 93	59,444 67	56,942 47	58,449 37	54,806 35
March	13,229 61	62,439 81	43,990 90	65,122 16	65,092 44	64,572 23	72,619 77
April	12,983 83	53,213 39	68,474 55	69,147 46	57,616 30	62,062 67	63,827 95
May	13,792 45	49,822 45	54,278 30	61,194 90	56,950 55	59,325 67	69,362 20
June	12,788 12	55,162 49	57,220 95	57,987 22	54,612 96	52,770 79	66,055 56
July	15,179 74	53,281 94	56,310 01	50,457 93	56,961 93	51,807 06	60,829 66
August.....	13,680 69	50,638 69	50,168 11	50,489 95	51,766 38	51,486 55	57,299 71
September.....	16,279 97	50,468 49	56,702 29	58,150 81	65,884 26	61,931 86	76,679 42
October	19,145 53	59,729 97	66,666 42	69,340 62	79,772 66	77,684 03	.....
November	15,667,29	49,973 56	65,158 54	64,311 27	68,194 98	69,049 38	.....
December	39,684 79	44,969 08	54,429 67	63,134 69	59,764 18	69,308 72	.....
Totals.....	188,161 54	620,454 96	632,664 88	720,367 64	734,235 19	733,819 30	.....

Wisconsin Central Railroad—Earnings.

EXPENSES.

January	\$ 7,703 01	\$ 31,740 97	\$ 26,551 13	\$ 31,572 49	\$ 39,152 04	\$ 40,514 16	\$ 34,526 45
February	6,323 15	29,653 35	29,060 83	33,873 61	37,244 10	42,678 28	36,586 43
March	7,023 51	29,610 33	31,583 68	33,323 71	38,370 40	45,190 45	41,435 99
April	6,758 57	31,038 56	28,494 74	36,053 72	37,185 16	43,585 76	48,393 26
May	6,748 24	39,025 73	30,337 56	37,362 55	42,674 99	38,889 60	44,267 65
June	6,752 74	33,330 04	35,570 13	37,578 54	41,876 28	39,694 58	40,662 56
July	6,567 81	30,515 50	32,239 94	36,942 70	37,781 68	35,223 23	35,260 11
August	7,311 50	28,393 47	33,933 98	35,578 36	36,179 16	35,490 66	40,028 32
September	7,058 24	26,781 06	38,670 43	35,519 06	44,950 19	34,856 14	42,381 09
October	7,590 58	32,795 84	32,397 01	36,751 30	39,816 56	42,560 86	.....
November	10,542 25	27,856 23	31,121 67	36,149 03	39,722 42	37,296 72	.....
December	31,683 51	33,035 54	30,045 24	36,906 39	39,700 40	38,516 46	.....
Totals	112,063 11	373,676 62	380,006 34	427,411 46	474,653 38	474,497 06	.....

Wisconsin Central Railroad — Expenses.

THE WISCONSIN VALLEY RAILROAD.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
January	\$	\$	\$	\$	\$	\$	\$
February	2,998 33	6,497 88	10,586 23	8,784 32	10,211 53	9,644 88	
March	5,552 33	4,637 58	13,990 40	12,038 90	12,264 44	9,924 23	
April	7,114 58	9,671 92	11,260 42	15,411 28	17,179 67	14,616 78	
May	7,366 27	12,137 75	15,959 85	18,416 15	18,764 41	14,925 61	
June	1,507 30	4,944 80	13,160 05	20,901 41	17,683 86	18,804 38	18,070 20
July	1,718 06	5,578 21	15,688 39	22,748 34	15,219 21	19,150 83	20,366 52
August	2,722 82	6,847 10	13,237 45	18,233 52	19,965 77	17,270 62	19,650 27
September	3,027 92	5,383 19	13,452 02	16,031 51	15,641 69	15,583 57	21,266 61
October	4,148 12	7,999 28	15,749 77	17,019 98	16,333 79	17,712 04	25,543 21
November	3,769 81	6,791 55	16,445 87	17,596 86	17,583 29	22,148 77	.....
December	5,253 81	8,309 56	14,062 36	11,832 14	15,372 47	17,130 79	.....
Totals	2,753 04	10,367 51	11,648 77	8,973 82	12,785 88	10,688 67	.....
Totals	24,900 88	79,252 71	146,389 81	185,134 48	185,236 61	196,909 72	.....

EXPENSES.

	\$	\$	\$	\$	\$	\$	\$
19—R. R. Com. January		5,216 14	5,840 06	7,245 29	7,362 94	7,318 12	6,899 23
February		4,597 71	6,304 01	8,508 28	7,381 65	8,579 55	6,979 08
March		5,788 12	6,930 00	8,369 59	7,822 86	9,863 93	11,273 63
April		4,420 12	7,042 19	10,000 01	12,960 48	11,077 38	14,145 72
May	460 95	4,742 16	7,602 58	12,644 33	10,126 24	11,762 28	10,744 11
June	2,341 89	4,502 66	8,950 33	12,215 16	9,806 41	7,926 11	10,648 99
July	2,907 10	5,365 36	9,318 80	11,509 97	9,152 71	8,446 18	11,910 87
August	3,528 04	5,072 62	7,817 08	9,663 85	7,046 44	8,242 20	13,953 33
September	2,682 55	4,867 11	8,126 79	12,366 22	7,613 90	7,862 52	16,358 19
October	3,580 70	4,813 59	8,527 07	11,513 84	7,442 76	9,417 64	.....
November	3,244 28	5,784 50	7,684 89	9,613 11	9,358 16	10,630 11	.....
December	2,890 91	6,085 03	7,067 50	7,743 73	8,464 95	6,461 29	.....
Totals	21,636 42	61,255 12	91,211 30	121,393 38	104,539 50	107,587 31	.....

Wisconsin Valley Railroad—Expenses.

GREEN BAY AND MINNESOTA RAILROAD.

EARNINGS.

Comparative Statement of Earnings and Expenses.

MONTHS.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
January.....	During construction no record.	During construction no record.	No record.	\$ 17,826 50	\$ 16,922 82	\$ 18,540 92	\$ 23,515 88	\$ 21,547 26
February.....				19,874 86	17,029 82	17,310 80	27,248 74	18,539 56
March.....				20,275 71	11,875 07	23,048 54	34,496 39	26,251 92
April.....				18,477 75	16,653 25	20,664 15	30,503 21	25,455 26
May.....				26,707 47	30,363 42	22,618 51	26,555 13	29,205 96
June.....				27,363 45	29,889 14	23,911 40	26,004 84	28,079 83
July.....				25,091 36	22,923 10	22,721 87	20,763 80	26,548 93
August.....				22,773 37	21,314 46	21,651 08	21,129 88	24,572 56
September.....				33,935 73	28,324 33	53,385 44	31,025 74	40,946 31
October.....				48,249 71	45,194 76	64,240 31	41,725 82	.....
November.....				40,038 63	34,729 51	51,361 53	34,973 48	.....
December.....				22,688 70	27,017 10	27,855 86	30,843 37	.....
Totals.....	.....	.....	.....	323,303 24	302,236 74	367,310 41	348,785 78	.....

Green Bay & Minnesota Railroad — Earnings.

EXPENSES.

				\$	\$	\$	\$	\$
January				20,468 62	16,922 78	24,651 32	21,971 09	15,509 73
February				20,931 99	18,906 68	23,930 87	23,097 10	12,624 42
March				22,676 11	19,920 26	19,206 43	20,660 80	14,057 72
April				26,026 85	24,422 02	19,259 04	21,675 38	16,319 78
May				27,767 12	25,045 80	24,145 25	20,372 47	19,201 47
June				29,116 83	28,499 32	26,751 30	19,351 14	17,519 76
July				26,969 02	23,119 68	24,940 32	16,574 16	18,370 64
August.....				30,277 79	27,077 68	24,212 05	16,502 47	20,206 16
September.....				19,732 48	26,262 57	25,455 00	16,249 16	18,892 97
October				22,761 81	28,397 69	41,920 32	18,221 42	.....
November.. ...				22,959 71	31,034 94	28,970 14	20,954 93	.....
December				26,859 88	25,524 14	30,324 51	17,119 86	.....
Totals.....				296,548 21	295,133 65	313,766 55	232,750 00	.....

During construction no record.

During construction no record.

No record.

Green Bay & Minnesota Railroad — Expenses.

THE SHEBOYGAN & FOND DU LAC RAILROAD.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1874.	1875.	1876.	1877.	1878.	1879.
January.....	8,238 64	5,886 91	9,110 12	7,017 58	\$ 8,410 95	\$ 6,297 59
February.....	7,471 52	3,410 07	8,615 54	6,522 31	6,908 92	4,650 44
March.....	9,103 35	6,030 84	10,148 47	7,645 33	7,977 04	7,853 37
April.....	10,043 61	8,252 19	8,702 64	7,166 00	8,013 68	6,202 04
May.....	11,888 12	8,957 32	12,210 56	7,251 29	8,155 75	8,548 93
June.....	12,214 74	10,792 17	14,315 11	8,584 42	6,928 63	6,892 67
July.....	10,024 11	12,576 97	10,149 15	9,707 64	8,372 49	6,916 23
August.....	10,328 26	10,962 66	8,771 76	7,610 21	7,751 23	5,620 51
September.....	10,177 49	16,066 91	9,218 29	10,100 92	8,219 59	8,861 83
October.....	11,436 11	16,441 40	12,765 39	10,951 45	9,469 23	.....
November.....	7,983 35	11,746 84	9,794 83	9,121 43	6,714 92	.....
December.....	6,942 59	10,276 82	7,079 01	8,343 57	6,774 79	.....
Totals.....	11,859 89	122,401 10	120,780 87	100,022 15	93,696 72	.....

Sheboygan & Fond du Lac Railroad — Earnings.

EXPENSES.

January	\$ 7,268 79	\$ 6,591 28	\$ 5,894 28	\$ 6,444 84	\$ 6,280 71	\$ 6,252 54
February.....	7,546 14	6,494 67	6,013 83	5,716 81	5,758 09	5,743 66
March	9,466 08	7,909 68	6,821 49	5,272 91	5,452 64	5,608 28
April	8,373 39	7,217 28	6,307 42	5,702 20	5,834 81	5,825 04
May	9,222 12	6,831 47	6,286 67	5,752 05	6,462 46	5,878 06
June.....	9,756 35	9,438 68	7,134 55	6,629 06	5,954 58	5,829 42
July	11,530 09	8,905 20	6,524 98	5,960 58	6,196 46	5,964 18
August.....	14,815 53	7,943 36	7,292 94	6,399 83	6,741 38	13,435 01
September.....	8,628 10	9,199 54	7,074 50	6,287 78	6,511 80	8,924 68
October	7,636 91	9,070 73	7,306 52	7,450 26	6,414 43	.....
November.....	7,393 00	10,439 47	6,802 23	6,942 94	6,227 77	.....
December... ..	5,653 46	11,823 04	6,441 55	6,523 91	5,661 03	.....
Totals.....	107,289 96	101,864 40	79,900 96	75,083 17	72,992 47	.....

Shelbygan & Fond du Lac Railroad — Expenses.

THE NORTH WISCONSIN RAILWAY.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1876.	1877.	1878.	1879.
	\$	\$	\$	\$
January ..		4,238 91	7,136 57	5,784 31
February ..		4,973 33	10,979 64	8,619 15
March.....	4,591 40	4,799 92	6,894 57	7,993 49
April	3,957 95	2,954 64	5,383 15	5,871 97
May.....	3,242 44	3,901 07	6,536 11	6,204 01
June	3,639 90	3,169 32	7,242 97	6,137 94
July.....	3,178 93	3,346 03	6,110 53	6,518 63
August	2,434 50	2,841 33	4,497 06	4,924 47
September	3,094 39	4,377 90	6,752 57	6,639 79
October.....	4,213 75	4,743 83	7,436 97	.....
November	4,188 33	4,568 81	7,497 43	.....
December.....	5,167 11	7,275 02	7,090 18	.....
Totals	37,708 70	50,190 11	81,949 69	.....

North Wisconsin Railway — Earnings.

EXPENSES.

	\$	\$	\$	\$
January		2,795 42	3,448 64	2,474 88
February		3,421 35	4,339 53	2,702 22
March	2,370 98	2,947 86	2,099 73	2,868 48
April	2,351 17	1,818 33	2,832 26	2,750 50
May	2,191 21	2,538 57	1,906 64	3,916 61
June	5,134 01	4,713 08	5,923 37	3,714 34
July ..	4,478 31	2,001 93	2,747 57	2,683 18
August	2,037 83	2,864 83	3,740 19	2,406 11
September	1,562 69	1,715 49	4,296 60	3,064 56
October.....	2,133 09	2,008 02	2,549 33	.....
November .	2,824 30	1,901 17	2,936 89	.....
December.....	5,437 87	7,208 37	6,763 84	.....
Totals	31,021 46	35,934 42	43,634 59	.....

North Wisconsin Railway — Expenses.

THE MILWAUKEE, LAKE SHORE & WESTERN RAILWAY.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1874.	1875.	1876.	1877.	1878.	1879.
	\$	\$	\$	\$	\$	\$
January.....	11,550 29	10,404 27	12,819 28	17,122 64	21,853 15	21,169 58
February.....	11,408 95	7,846 76	15,497 78	15,448 69	20,971 65	19,865 33
March.....	12,069 14	15,183 59	16,733 15	17,809 68	18,847 06	25,271 16
April.....	12,755 19	16,472 77	16,887 47	18,334 19	18,899 94	23,166 32
May.....	12,393 85	14,038 51	15,495 92	17,808 14	18,612 60	23,741 58
June.....	12,522 43	16,567 35	17,191 12	17,098 52	16,559 81	24,940 45
July.....	10,735 27	14,414 27	16,375 91	15,768 99	18,414 56	21,308 34
August.....	10,926 51	13,692 83	15,945 65	15,631 41	18,012 01	22,781 47
September.....	13,767 41	17,586 27	18,623 79	24,106 24	22,700 02	30,001 01
October.....	20,460 23	20,889 22	20,385 03	26,238 42	28,671 54	.....
November.....	11,555 06	19,213 98	15,606 95	23,044 41	24,974 75	.....
December.....	13,402 09	15,827 93	18,810 36	20,871 75	21,613 66	.....
Totals.....	153,546 42	182,137 75	200,372 41	229,283 08	250,130 68	.....

Milwaukee, Lake Shore & Western Railway — Earnings.

Milwaukee, Lake Shore & Western Railway—Expenses.

EXPENSES.

January.....	\$ 8,240 61	\$ 12,636 51	\$ 10,544 87	\$ 13,527 16	\$ 15,038 68	\$ 14,686 62
February.....	10,214 39	11,046 40	12,066 88	13,344 39	14,336 77	13,667 60
March.....	10,806 14	12,354 23	11,540 01	13,172 13	14,094 57	16,187 35
April.....	9,346 52	11,976 73	12,030 20	14,060 99	14,509 21	14,240 47
May.....	10,307 73	10,776 87	11,040 94	15,425 56	17,184 36	15,083 62
June.....	9,304 67	12,774 25	10,968 88	15,116 75	16,394 48	16,142 39
July.....	8,867 92	11,814 79	13,522 53	14,386 73	16,422 89	15,756 67
August.....	10,035 47	10,544 08	12,755 27	13,543 37	15,668 94	18,983 95
September.....	11,157 24	11,261 93	12,018 85	14,530 26	26,707 66	18,396 02
October.....	10,843 64	11,126 92	11,536 61	15,367 89	16,053 63	.....
November.....	12,398 98	11,409 44	12,092 22	14,605 97	15,324 95	.....
December.....	10,742 61	12,262 29	12,776 10	13,948 38	16,060 94	.....
Total.....	122,265 92	139,984 44	142,893 36	172,029 58	197,797 08	.....

Chicago, St. Paul & Minneapolis Railway—Earnings.

THE CHICAGO, ST. PAUL & MINNEAPOLIS RAILWAY.

[The West Wisconsin until May, 1878.]

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
January	21,458 99	34,583 02	77,127 21	46,866 14	48,259 28	44,043 94	62,752 53	73,870 21	
Febr'y	22,692 24	46,503 26	58,240 72	37,280 95	52,237 25	43,885 60	63,369 03	64,572 74	
March	29,183 97	74,536 61	64,957 65	58,812 74	75,496 47	50,576 43	78,363 55	89,409 07	
April	34,734 90	70,975 28	79,116 51	77,593 43	73,070 48	65,246 52	78,936 01	91,913 46	
May ...	12,312 45	30,900 99	85,104 25	80,741 94	68,663 25	69,865 44	52,731 55	78,666 54	99,514 19
June ...	16,231 37	28,066 71	71,134 72	74,937 03	63,034 54	64,063 20	54,943 78	64,397 02	90,855 37
July ...	16,012 87	29,101 22	69,429 19	69,026 34	58,527 07	59,105 27	49,613 18	67,734 68	73,338 94
August.	16,798 31	31,096 42	66,092 31	66,791 91	63,739 71	58,183 52	56,422 07	70,688 24	81,770 62
Septem.	23,096 03	44,876 87	110,232 89	83,886 03	80,701 73	70,838 11	83,624 22	83,648 43	111,170 24
October.	23,372 59	53,523 44	95,567 16	87,303 92	95,442 96	90,711 13	97,623 06	99,471 54	.....
Novem.	26,316 55	44,185 05	72,621 71	71,806 27	98,844 06	80,432 39	97,476 34	97,440 86	.....
Decem.	25,524 47	33,381 30	72,408 59	71,984 57	77,123 04	68,106 13	79,811 76	96,876 26	.....
Totals	159,664 64	403,202 10	869,188 99	884,920 10	827,678 62	810,363 67	775,498 45	942,344 69	.....

OPERATING EXPENSES AND TAXES.¹

January	\$	\$	\$	\$	\$	\$	\$	\$	\$
February	17,142 62	29,099 35	45,897 27	39,923 90	37,690 26	40,335 01	44,424 69	51,106 10	
March	20,943 46	42,120 83	44,824 48	38,187 73	37,464 38	33,598 01	43,176 20	40,538 86	
April	25,274 64	43,522 62	55,615 32	43,183 87	45,418 67	34,205 93	46,675 62	41,941 76	
May	22,510 20	46,090 63	46,950 04	56,361 23	51,726 83	47,572 30	49,928 25	57,335 05	
June	5,969 01	19,271 61	52,936 66	62,669 22	60,436 08	64,292 51	51,282 60	82,953 12	
July	8,022 67	21,077 71	52,162 40	59,118 60	58,107 04	62,316 44	44,389 35	46,342 56	68,805 61
August	7,428 22	18,106 95	50,435 86	51,851 78	47,919 83	56,387 11	45,448 79	47,410 46	60,354 93
September	8,985 54	18,878 49	63,104 55	55,994 23	54,958 35	56,709 14	46,802 63	45,690 64	51,783 66
October	10,031 36	22,507 18	59,701 06	58,308 20	55,667 41	57,273 29	50,271 47	44,320 57	53,461 16
November	9,492 52	21,366 91	53,315 56	56,419 77	75,741 50	67,130 13	66,169 48	49,613 41	.....
December	10,461 41	22,568 09	51,713 95	47,260 03	78,597 67	59,713 23	60,199 47	49,055 14	.....
Totals	14,308 38	29,411 99	47,771 43	112,198 60	41,826 72	28,833 07	230,018 75	48,601 26	.....
	74,699 11	259,059 86	591,974 90	697,107 54	650,911 33	624,955 06	780,293 99	566,495 78	.....

¹ Not including rental of leased roads and interest.

Chicago, St. Paul & Minn. R. R. — Expenses.

THE GALENA & WISCONSIN RAILROAD.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1876.	1877.	1878.	1879.	
January	\$ 1,749 37	\$ 1,583 49	\$ 2,243 90	Not operated.	
February.....	1,686 56	1,025 40	1,825 35		
March	1,636 71	1,549 77	1,499 32		
April			1,468 71		
May	1,182 37	1,754 84	1,708 00		
June	2,567 64	1,735 00	1,267 52		
July	2,300 30	1,663 36	Balance of year not operated.		861 70
August		1,336 21			1,676 75
September.....		1,344 60			1,583 40
October		1,591 52			1,254 54
November.....	2,397 43	1,783 52	.....	
December	1,721 88	1,984 19	.....	
Totals.....	16,833 78	17,014 92	10,012 80	

Galena & Wisconsin Railroad — Earnings.

EXPENSES.

	\$	\$	\$	\$	
January	1,244 31	1,033 27	847 30	Not operated.	
February	1,186 56	940 75	1,169 38		
March	1,002 94	923 03	1,015 46		
April			1,077 60		
May	1,046 24	927 46	1,084 90		
June	1,237 87	989 22	1,216 72		
July	1,326 22	1,111 02	Not operated.		1,490 65
August		1,285 06			1,045 00
September		1,170 35			1,236 20
October		883 75			1,115 89
November	1,088 80	1,300 44	.....	
December	1,312 36	836 67	.....	
Totals	\$10,329 05	\$11,633 16	\$6,411 36		

Galena and Wisconsin Railroad — Expenses.

FOND DU LAC, AMBOY & PEORIA RAILWAY.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1878.	1879.
January.....	\$	\$ 1,339 86
February.....		1,112 46
March		1,469 42
April		1,367 84
May.....	1,823 13	1,901 35
June.....	1,716 91	2,202 18
July	1,712 04	3,103 54
August.....	1,362 89	2,111 77
September.....	2,134 52	4,476 62
October	2,321 18	.....
November.....	2,100 76	.....
December	1,539 23	.....
Totals.....	14,710 66	.....

Fond du Lac, Amboy & Peoria Railway — Earnings.

Fond du Lac, Amboy & Peoria Railway — Expenses.

EXPENSES.

January		1,339 47
February		1,153 45
March		1,241 44
April		1,104 78
May	1,662 14	1,216 69
June	1,512 97	1,429 91
July	1,403 23	1,215 98
August	1,494 10	1,270 37
September	1,452 62	1,394 16
October	1,683 97	.....
November	1,531 42	.....
December	1,566 19	.....
Total	12,306 64	.....

THE PINE RIVER VALLEY & STEVENS POINT RAILROAD.

Comparative Statement of Earnings and Expenses.

EARNINGS.

MONTHS.	1878.	1879.
January.....	\$ 1,528 38	\$ 1,101 60
February.....	1,320 91	1,780 02
March.....	1,167 16	1,061 15
April.....	1,278 10	1,335 69
May.....	1,048 64	1,260 68
June.....	856 84	1,462 53
July.....	772, 54	888 58
August.....	654 72	1,021 26
September.....	1,302 51	1,634 36
October.....	1,653 63	.....
November.....	2,200 72	.....
December.....	1,716 69	.....
Totals.....	15,500 63	.....

Pine River Valley and Stevens Point Railroad — Earnings.

Pine River Valley & Stevens Point Railroad — Expenses.

EXPENSES.

20— R. R. Com.	January.....		\$	957 56
	February.....			904 11
	March.....			872 60
	April.....			778 63
	May.....			730 65
	June.....			707 73
	July.....			753 71
	August.....			886 40
	September.....			593 46
	October.....			
	November.....			
	December.....			
	Totals.....	\$9,112 78		

Not kept separately by months.

Chicago & Tomah Railroad — Earnings and Expenses.

THE CHICAGO & TOMAH RAILROAD.

Comparative Statement of Earnings and Expenses.

EARNINGS.

	1879.
January .....	.....
February	\$1,365 23
March	1,465 80
April	1,402 96
May	1,474 61
June	1,670 52
July	1,544 20
August	1,714 97
September	2,774 12
October .....	.....
November .....	.....
December .....	.....
Totals	<u><u>\$16,953 21</u></u>

EXPENSES.

Total to September 30 (no monthly report).....	<u><u>\$7,713 50</u></u>
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RAILROAD COMPANIES ORGANIZED SINCE LAST REPORT.

DATE OF PATENT.	NAME OF COMPANY.	CORPORATORS.	CAPITAL STOCK.	DESCRIPTION OF ROAD.
June 23, 1879	Eau Claire Railway Co..	O. H. Ingram, G. E. Porter, Geo. A. Buffington, Wm. L. Kepler and C. A. Bullen ...	\$ 50,000 00	Commencing at the point most feasible on the present line of the C., St. P. & M. R'y, at or near the West Eau Claire depot, and between said depot and the west bank of the Chippewa river, and running thence in a southerly direction, on the most feasible line, until it reaches a point at or near the S. W. cor. of the limits of the city of Eau Claire; also another line commencing at or near block 14, of Whipple & Billings' addition, and running north on the most feasible route, to the west end of the railway bridge of the C., St. P. & M. R'y Co., as at present located; thence N. on west side of Chippewa river, to a point where the river crosses the north line of the city limits; also, another line commencing near the E. end of the said bridge, and running thence north, to the saw mill of Ingram, Kennedy & Co.

Railroad Companies Organized since last Report.

RAILROAD COMPANIES ORGANIZED SINCE LAST REPORT— continued.

DATE OF PATENT.	NAME OF COMPANY.	CORPORATORS.	CAPITAL STOCK.	DESCRIPTION OF ROAD.
May 14, 1879	Freeport & Dodgeville Railway Company ...	Samuel W. Reese, Joseph Bennett, James Roberts, G. W. Burrall, Joel Whitman.....	\$ 50,000 00	From the city of Freeport, in the State of Illinois, northward to a point upon the south boundary line of the state of Wisconsin, near the Pecatonica river, in the town of Cadiz, in the county of Green, in said State, and northward from said point to the village of Dodgeville, in the county of Iowa, in the state of Wisconsin.
May 16, 1879	Galena & Wisconsin Railway Company...	This is a re-organization of the old Galena & Southern Wisconsin Railroad Company; by a consent of the stockholders and officers of the company.....	150,000 00	Commencing at a point in the city of Galena, and running northwardly through Jo Davies county, in the state of Illinois, to the state line of Illinois and Wisconsin, and thence northwardly, in the state of Wisconsin, to McCormick, and from McCormick to Platteville, in Wisconsin, and a branch from McCormick to Phillip's Corner.

Railroad Companies Organized since last Report.

Railroad Companies Organized Since Last Report.

April 8, 1879	Menominee Railway Co.	Albert Keep, Marvin Huchitt, J. B. Redfield, M. M. Kirkman, and C. C. Wheeler.....	100,000 00	From a point on the boundary line between the states of Michigan and Wisconsin, on the Menominee river, opposite Sec 11, Town 39 North, Range 19 East, of the fourth principal meridian, westerly to a point in Section 21, town 40 north, range 18 east, with such extension and branches as shall be found necessary, etc., in the transaction of its business.
July 12, 1879	Menasha & Appleton Railway Co.....	Jesse Hoyt, Geo. J. Senev, Angus Smith, Guido Pfister, James C. Spencer and E. Mariner.....	150,000 00	From a point on the line of the Milwaukee & Northern Railroad, at or near the city of Menasha, to the east end of Railroad Avenue, in the city of Appleton.
Aug. 7, 1879	Portage & Freeport Railroad Co.....	Chas. L. Colby, F. N. Finney, Joseph L. Colby, Matthew Wadleigh and Edwin H. Abbott.....	1,000,000 00	From some point in the city of Portage, Columbia Co., Wis., to some convenient point on the southern boundary line of said state, and on the most feasible route toward Freeport, in the county of Stephenson, and State of Illinois.
May 17, 1879	St. Paul & Chicago Short Line R'y Co..	Hans B Warner, H. P. Ames, Dempster W. Wadsworth, E. L. Davis, J. B. Jenson, J. W. Hancock, M. J. Paine, F. L. Gibson, J. G. Keith, John W. Winn, S. Strickland, N. H. Clapp and Louis Weber.....	2,600,000 00	From River Falls, in the county of Pierce, in the state of Wisconsin, to some point on the south line of the state, in the county of La Fayette, through the counties of Pierce, Pepin, Buffalo, Trempealeau, LaCrosse, Vernon, Richland, Crawford, Grant, Iowa and La Fayette.

RAILROAD COMPANIES ORGANIZED SINCE LAST REPORT — continued.

DATE OF PATENT.	NAME OF COMPANY.	CORPORATORS.	CAPITAL STOCK.	DESCRIPTION OF ROAD.
Sept. 5, 1879	St. Paul & Eastern Grand Trunk Railroad Co....	Jesse Spalding, A. B. Stickney, W. K. Young, W. A. Ellis, Dana C. Lamb, Alex. Stewart, Singleton B. Hubbell, Thad. C. Pound, L. C. Stanley, Wm. Pitt Bartlett, Thos. E. Randall, Wm. Wilson, Robert Mariner	\$3,500,000 00	From some point on Lake St Croix or the Mississippi river, in the state of Wisconsin, to a point on Green Bay or Lake Michigan, between the southern line of township 19, and the northern line of township 31 north, in said state of Wisconsin.
Aug. 7, 1879	Wisconsin & Minnesota R. R. Co.....	Chas. L. Colby, Frederic N. Finney, Jos. L. Colby, Matthew Wadleigh, Edwin H. Abbot..	2,000,000 00	From some point on the Wisconsin Central Railroad, between the towns of Marshfield and Medford, or in one of them, to some convenient point on the western boundary line of the state of Wisconsin, within the county of Pierce or of St. Croix.
Nov. 21, 1879	Menominee Railway Co	Albert Keep, Marvin Hughitt, J. B. Redfield, M. M. Kirkman, C. C. Wheeler.....	165,000 00	From a point on the boundary line between the states of Michigan and Wisconsin, in the Menominee river, opposite section eleven (11), town thirty-nine (39) north, range nineteen (19) east, of the 4th principal meridian, westerly to a point in section twenty (20), town forty (40) north, range eighteen (18) east, of the 4th principal meridian, with such extensions and branches as shall be found necessary, convenient or desirable.

Railroad Companies Organized since last Report.

Bonded Indebtedness.

STATEMENT SHOWING THE BONDED INDEBTEDNESS

In aid of railroads, incurred and outstanding in the several counties, towns, cities and villages of the State of Wisconsin, as returned for the year 1879.

COUNTIES.

COUNTIES.	Indebtedness as per last report.	Amount provided for by the levy of 1878.	Amount provided for by the levy of 1879.
Asbland	\$200,000 00	Nothing.	Nothing.
Brown	252,000 00	Nothing.	Nothing.
Burnett	20,000 00	Nothing.	\$1,333 33
Douglas*	350,000 00	Nothing.	Nothing.
Iowa	215,000 00	\$20,000 00	20,000 00
Jackson	69,800 00	4,886 00	4,371 52
Manitowoc	216,000 00	Nothing.	Nothing.
Portage	200,000 00	Nothing.	Nothing.
Sheboygan	139,200 00	9,280 00	10,000 00
Wood	41,600 00	.....	11,500 00
Total.....	1,703,000 00	34,166 00	47,204 85

TOWNS, CITIES AND VILLAGES.

TOWN, VILLAGE OR CITY.	Indebtedness as per last report.	Amount provided for by the levy of 1878.	Amount provided for by the levy of 1879.
COUNTY OF BROWN—			
Ashwaubenon	\$274 34	\$130 00	\$129 44
Ft. Howard	37,525 00	360 00	305 00
Green Bay.....	100,000 00	Nothing.	No report.
COUNTY OF CALUMET—			
Chilton, city	7,600 00	.....	.....
Charlestown	20,000 00	.....	.....
Chilton, town	17,400 00	.....	.....
New Holstein	30,000 00	.....	.....
COUNTY OF CHIPPEWA.—			
Chippewa Falls	28,325 00	2,500 00	.....

*\$375,000 of these bonds have been canceled by decree of court leaving \$75,000 outstanding which may be earned by the claimants.

Bonded Indebtedness.

TOWN, VILLAGE OR CITY.	Indebtedness as per last report.	Amt. provided for by levy of 1878	Amt. provided for by levy of 1879.
COUNTY OF COLUMBIA —			
Portage	10,000 00	5,000 00	5,000 00
Arlington	3,500 00	437 50	437 50
Lodi	24,500 00	3,062 50	3,062 50
West Point	4,815 00	500 00	500 00
COUNTY OF CRAWFORD —			
Clayton	3,060 00	1,000 00	1,000 00
COUNTY OF DANE —			
Madison*	169,000 00	15,500 00	.....
COUNTY OF DODGE —			
Williamstown	10,000 00	2,000 00	2,000 00
COUNTY OF FOND DU LAC —			
Fond du Lac	169,000 00	.....	.....
Ripon	5,000 00	.....	5,000 00
COUNTY OF GRANT —			
Fennimore	12,000 00	.....	1,000 00
Lancaster	42,000 00	.....	.....
Mount Ida	6,000 00	.....	.....
Platteville	45,000 00	6,000 00	6,000 00
Wingville	8,000 00	.....	.....
COUNTY OF GREEN LAKE —			
Berlin, city	35,136 32	.....	2,000 00
Berlin, town	21,116 16	.....	7,080 00
Brooklyn	4,056 00	4,056 00	Debt Extig'd
COUNTY OF IOWA —			
Mineral Point, city	43,600 00	.....	.....
Mineral Point, town	19,440 00	.....	†7,100 00
Waldwick	14,748 00	.....	.....
COUNTY OF JEFFERSON —			
Watertown, city	629,952 80	1,770 00	1,770 00
Jefferson	58,600 00	5,000 00	3,500 00
Koshkonong	11,850 00	3,500 00	2,500 00
Lake Mills	8,000 00	4,000 00	4,000 00
Waterloo	20,000 00	.....	No report.
COUNTY OF JACKSON —			
Alma	15,000 00	1,200 00	1,200 00
Hixton	10,000 00	.....	.....
COUNTY OF JUNEAU —			
Necedah	14,500 00	1,450 00	1,300 00
New Lisbon	2,000 00	.....	.....

*This amount includes all bonded indebtedness, whether railroad or otherwise, and the precise amount of each kind cannot be distinguished.

†Principal and interest.

Bonded Indebtedness.

TOWN, VILLAGE OR CITY.	Indebtedn'ss as per last report.	Amount provided for by the levy of 1878.	Amount provided for by the levy of 1879.
COUNTY OF LA CROSSE —			
La Crosse	99,000 00	4,000 00	10,000 00
COUNTY OF MARQUETTE —			
Packwaukee	6,000 00	.....	.....
Westfield	6,000 00	1,000 00	.....
COUNTY OF MONROE —			
Sparta	50,000 00	5,000 00	5,000 00
COUNTY OF MANITOWOC —			
Manitowoc	75,000 00	.....	.....
Two Rivers, city	11,000 00	1,000 00	.....
Two Rivers, town	14,000 00	1,000 00	1,000 00
Schleswig	15,000 00	.....	.....
COUNTY OF MARATHON —			
Wausau	8,000 00	.....	.....
COUNTY OF OZAUKEE —			
Cedarburg	4,900 00	.....	4,900 00
COUNTY OF OUTAGAMIE —			
Appleton	76,000 00	.....	3,000 00
Cicero	3,700 00	1,200 00	† 1,200 00
Black Creek	5,250 00	1,750 00	.....
Bovina	10,000 00	.....	.....
Hortonia	5,000 00	1,000 00	1,000 00
Seymour, city	1,415 00	.....	.....
Seymour, town	2,585 00	.....	1,292 50
COUNTY OF PORTAGE —			
Stevens Point	20,000 00	1,600 00	1,600 00
Plover	30,000 00	2,400 00	.....
COUNTY OF RACINE —			
* Racine, city	155,000 00	5,000 00	8,000 00
COUNTY OF RICHLAND —			
Town of Richland	11,400 00	3,800 00	3,800 00
COUNTY OF ROCK —			
Beloit, city	125,300 00	7,300 00	7,300 00
Beloit, town	34,600 00	1,700 00	1,600 00
COUNTY OF SAUK —			
Baraboo	56,000 00	7,000 00	7,000 00
Excelsior	11,250 00	1,250 00	1,250 00
Freedom	6,750 00	† 1,222 50	† 1,170 00
Reedsburg	22,500 00	2,500 00	2,500 00
Winfield	4,500 00	500 00	500 00
Greenfield	4,500 00	500 00	500 00

* This amount includes all bonded indebtedness, whether railroad or otherwise, and the precise amount of each cannot be distinguished.
† Principal and interest.

Bonded Indebtedness.

TOWN, VILLAGE OR CITY	Indebtedness as per last report.	Am't provided for by the levy of 1878.	Am't provided for by the levy of 1879.
COUNTY OF ST. CROIX:			
	\$	\$	\$
Richmond	12,500 00		
Stanton	6,250 00	†6,250 00	
Star Prairie	6,250 00	†6,250 00	
COUNTY OF SHEBOYGAN:			
Sheboygan	235,635 00	5,000 00	3,000 00
Lyndon	17,400 00	1,200 00	
Sherman	3,000 00	1,500 00	1,500 00
Plymouth	13,000 00		
COUNTY OF TREMPLEAU:			
Arcadia	50,000 00	5,000 00	4,000 00
Preston	25,000 00		2,000 00
COUNTY OF VERNON:			
Kikapoo	3,220 00	1,375 67	1,222 00
Webster	1,768 50	1,200 00	600 00
Clinton	4,264 20		
Christiana	3,600 00		935 00
COUNTY OF WALWORTH:			
Delavan	47,000 00	3,290 00	3,290 00
Geneva	53,000 09	2,500 00	3,000 00
Whitewater	2,000 00		
COUNTY OF WAUPACA:			
Waupaca, city	33,333 34		
Waupaca, town	1,366 66		
New London	35,000 00		12,000 00
St. Lawrence	15,000 00	1,200 00	1,200 00
Weyauwega	40,000 00		
Larrabee	5,000 00	500 00	775 00
Scandinavia	8,400 00	600 00	600 00
COUNTY OF WAUSHARA:			
Hancock	12,500 00		
Plainfield	20,000 00		
COUNTY OF WINNEBAGO:			
Oshkosh	48,500 00		3,000 00
* Menasha	82,500 00		
COUNTY OF WOOD:			
Grand Rapids	11,000 00		
Total	3,346,136 32	144,987 17	153,683 94

†Paid by cancellation.

*Contested.

Number of Miles of Rail Laid.

**STATEMENT SHOWING NUMBER OF MILES OF RAIL
LAID UPON THE VARIOUS ROADS OF THE STATE.**

From 1850, the year when the first piece of road in the state was opened to the public, down to the closing of the year 1879, giving the same by years and that of miles built upon each road, and each year, and the points from and to which the roads were built.

Year	Name of Company.	From —	To—	Miles.
CHICAGO, MIL. & St. P. R'y Co.				
1850	Milwaukee	Elm Grove	10
1851	Elm Grove	Eagle	24
1852	Eagle	Janesville	36
1853	Milton	Stoughton	18.10
1854	Stoughton	Madison	15.60
1854	Milwaukee	Schwartzburg ¹	8
1855	Schwartzburg	Horicon	42
1855	Horicon	Waupun	14
1855	Racine	Delavan	46.40
1856	Delavan	Beloit	22.30
1856	Brookfield	Watertown	31.80
1856	Horicon	Portage	45
1856	Waupun	Ripon	16
1856	Madison	Boscobel	71
1857	Ripon	Berlin	12
1857	Portage	New Lisbon	40
1857	Watertown	Columbus	22.30
1857	Boscobel	Prairie du Chien	28
1857	Watertown	Sun Prairie	26
1857	Janesville	Monroe	34
1858	New Lisbon	La Crosse	61
1860	Rush Lake Junction	Omro	9.20
1864	Columbus	Portage	28
1864	Brookfield	Milwaukee	13
1868	Omro	Winneconne	5
1869	Schwartzburg	Prairie du Chien Line	6
1869	Sun Prairie	Madison	12
1870	Madison	Portage	39
1870	Ekaorn	Eagle	16.50
1871	Ripon	Oshkosh	20
1871	Milwaukee	Western Union Junct'n	22
1871	Kinickinnic	Bay View .....	.72
1871	Western Union Jc.	State Line	16
1875	La Crosse Bridge	Line .....	.97
1877	New Lisbon	Necedah	13
1878	Milwaukee	Cement Mills	1.20
1878	Viroqua Junction	Melvina	10
1879	Melvina	Viroqua	22
				858.09

¹ Also used by Wisconsin Central.

Number of Miles of Rail Laid — continued.

Year	Name of Company.	From.	To.	Miles.
CHICAGO & NORTHWESTERN —				
1854	Minnesota Junction.	Fond du Lac.....	29.00
1854	Beloit.....	Footville.....	17.00
1855	Cary.....	Janesville.....	20.00
1855	Milwaukee.....	Illinois State Line.....	40.24
1859	Janesville.....	Minnesota Junction ..	57.00
1859	Fond du Lac.....	Oshkosh.....	17.00
1860	Footville.....	Magnolia.....	3.00
1861	Oshkosh.....	Appleton.....	20.00
1862	Appleton.....	Fort Howard.....	28.40
1862	Kenosha.....	Genoa.....	27.50
1864	Magnolia.....	Madison.....	28.80
1870	Winona Junction..	Winona.....	29.00
1871	Fort Howard.....	Marinette.....	49.45
1871	Genoa.....	Geneva Lake.....	8.70
1873	Madison.....	Winona Junction.....	129.10
				504.19
N. W. UNION —				
1873	Milwaukee	Fond du Lac	62.63
CHICAGO, ST. PAUL & MINNEAPOLIS —				
1863	Warren's Mills	Black River Falls	20.50
1869	Black River Falls...	Augusta.....	33.80
1870	Augusta.....	Menomonie.....	45.50
1871	Menomonie.....	Hudson.....	45.70
1872	Warren's Mills	Elroy.....	32.20
				177.70
CHIPPEWA FALLS & WESTERN —				
1874	Chippewa Falls	Eau Claire.....	10.35
FOND DU LAC, AMBOY & PEORIA —				
1877	Iron Ridge Junction	Fond du Lac.....	29.00
GALENA & WISCONSIN —				
1874	Buncombe.....	Platteville.....	20.00
1877	Phillips Corners....	McCormick.....	10.00
				30.00
GREEN BAY & MINNESOTA —				
1871	Green Bay.....	New London.....	39.30
1872	New London.....	Merrillan.....	108.80
1873	Merrillan.....	Marshland.....	61.20
1874	Marshland.....	Eastmoor.....	3.00
1876	Onalaska.....	La Crosse.....	6.50
				218.80
MINERAL POINT.				
1857	Illinois State Line ..	Mineral Point.....	31.00
1868	Calamine.....	Belmont.....	10.00
1870	Belmont.....	Platteville.....	8.00
				49.00

Number of Miles of Rail Laid — continued.

YEAR.	Name of Company.	From.	To.	Miles.
1871	MILWAUKEE, LAKE SHORE & WEST'	Manitowoc.....	To a point westerly... To a point within one mile of Appleton.....	21.40 20.00
1872	.....	.....	Sheboygan	48.50
1872	.....	Lake Shore Junction	Manitowoc.....	25.20
1873	.....	Sheboygan.....	Two Rivers	6.00
1874	.....	Manitowoc.....	.....	.....
1874	.....	{ One mile of Apple- ton	Appleton.....	1.00
1876	.....	Appleton	New London	21.00
1878	.....	New London.....	Clintonville	15.70
1879	.....	Clintonville.....	Tigerton, 1 mile north..	19.70
1879	.....	Hortonville.....	South	11.40
				189.90
1876	PINE RIVER VALLEY & STEVENS PT.	Richland Cen ter ...	Lone Rock	16.00
1874	PRAIRIE DU CHIEN & MCGREGOR.	Prairie du Chien...	Iowa State Line	1.75
1859	SHEBOYGAN & FOND DU LAC.	Sheboygan	Plymouth	13.90
1860	.....	Plymouth	Glenbeulah.....	5.70
1868	.....	Glenbeulah	Fond du Lac	23.40
1871	.....	Fond du Lac	Princeton	35.40
				78.40
1871	WISCONSIN CENTRAL.	Menasha.....	Stevens Point.....	63.55
1872	.....	Stevens Point.....	Unity	47.40
1872	.....	Ashland	Penoka Gap	28.80
1873	.....	Unity.....	Worcester	53.30
1876	.....	Worcester.....	Butternut Creek	31.90
1876	.....	Penoka Gap.....	Chippewa Crossing	14.60
1877	.....	Butternut Creek.....	Chippewa Crossing	10.34
1875	.....	Stevens Point	Hancock	27.60
1876	.....	Hancock.....	Portage	42.43
				319.92
1870	* MILWAUKEE & NORTHERN.	Schwartzburg Junc.	Cedarburg.....	13.70
1871	.....	Cedarburg	Plymouth.....	32.50
1871	.....	Plymouth.....	Menasha	46.00
1873	.....	Hilbert	Green Bay.....	27.00
1874	.....	Green Bay	Fort Howard.....	.50
				119.70

* Leased by Wisconsin Central.

Number of Miles of Rail Laid—continued.

Year	Name of Company.	From.	To.	Miles.
WISCONSIN VALLEY.				
1873	Tomah	Centralia.....	47.00
1874	Centralia	Knowlton	23.00
1875	Knowlton	Wausau	19.90
1876	Wausau	1 mile north	1.00
1879	Wausau, 1 m. north	Jenny.....	17.30
				108.20
CHICAGO & TOMAH.				
1878	Woodman	Lancaster	30.50
1879	Dankliff Junction..	Montfort, 3½ miles south	13.50
				44.00
HUDSON & RIVER FALLS R'Y Co.				
1878	River Falls	River Falls.....	12.50
NORTH WISCONSIN.				
1871	North Wisc. Junc..	New Richmond.....	17.00
1874	New Richmond....	Clayton	23.00
1878	Clayton	Granite Lake.....	20.00
1879	Granite Lake.....	Six miles north.....	6.00
				66.00

RECAPITULATION.

Year.	Miles.	Year.	Miles.	Year.	Miles.
1850.....	10.00	1861.....	20.00	1871.....	417.73
1851.....	24.00	1862.....	55.90	1872.....	285.70
1852.....	36.00	1863.....	.....	1873.....	405.43
1853.....	18.10	1864.....	69.80	1874.....	88.60
1854.....	69.60	1865.....	.....	1875.....	48.47
1855.....	162.64	1866.....	.....	1876.....	133.43
1856.....	186.10	1867.....	.....	1877.....	62.34
1857.....	193.30	1868.....	58.90	1878.....	89.90
1858.....	61.00	1869.....	51.80	1879.....	89.90
1859.....	87.90	1870.....	151.70		
1860.....	17.90			Total.....	2,896.13

APPENDIX.

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LAWS OF WISCONSIN,

RELATING TO RAILROAD CORPORATIONS AND THE DUTIES OF THE COMMISSIONER.

AMOUNT OF ANNUAL LICENSE FEE.

SECTION 1213. The annual license fees for the operation of such railroads shall be as follows:

1. Four per centum of the gross earnings of all railroads except those operated on pile and pontoon, or pontoon bridges, whose gross earnings equal or exceed three thousand dollars per mile per annum of operated railroad.

2. Five dollars per mile of operated railroad of all railroads whose gross earnings exceed one thousand five hundred dollars per mile per annum, and are less than three thousand dollars per mile per annum of operated road, and in addition two per centum of their gross earnings in excess of fifteen hundred dollars per mile per annum.

3. Five dollars per mile of operated road by all companies whose gross earnings are less than fifteen hundred dollars per mile per annum.

4. Two per centum of the gross earnings of all railroads which are operated upon pile or pontoon, or pontoon bridges, which gross earnings shall be returned as to such parts thereof as are within the state.

One half of such license fee shall be paid at the time the license so issues, and one-half on or before the tenth day of August in each year.

DUTY OF COMMISSIONER.

SECTION 1794. Such commissioner shall inquire into any neglect or violation of the laws of the state by any railroad corporation doing business therein, or by the officers, agents or employes thereof, or by any person operating a railroad. He shall inspect and examine the condition, equipment and manner of management of all railroads, with relation to the public safety and convenience. He shall also examine and ascertain the pecuniary condition and manner of the financial management of every such railroad corporation. Whenever he shall receive any complaint in writing, made by any

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citizen of this state, of any such neglect or violation of law, and specifying the acts complained of, such commissioner shall investigate the same; and if he shall find such complaint well founded, he may, in his discretion, report the facts to the attorney general, who shall thereupon prosecute an action thereon in the name of, and for the benefit of the party aggrieved, at the expense of the state.

SECTION 1795. The railroad commissioner shall, on or before the tenth day of February in each year, ascertain and return to the state treasurer the following:

1. The actual cost of each railroad in this state up to, and including the thirty-first day of the next preceding December; and if such railroads shall be partly in and partly out of this state, then the actual cost of so much thereof as is in this state.

2. The total gross receipts resulting from the operation of every such railroad during the next preceding year, ending on the thirty-first day of December, or of that part of the same which is in this state.

3. The total net earnings resulting from the operation of any such railroad during the next preceding year, ending on the thirty-first day of December, or of that part of the same which is in this state.

4. The total interest bearing indebtedness of the corporation owning or operating such railroad, and the amount of interest paid by such corporation during the next preceding year, ending on the thirty-first day of December; and if any part of such indebtedness has been incurred in consequence of the construction, maintenance, repair, renewal or operation of any part of such railroad which is not in this state, or for equipment of such part, such railroad commissioner shall ascertain and determine, in such manner as he shall think just and equitable, how much of its indebtedness is justly chargeable to that part of said railroad that is in this state, and how much interest shall have been paid by such corporation, during such year ending on the thirty-first day of the next preceding December, on that part of such indebtedness which is justly chargeable to that part of said railroad that is in this state. The president or managing officer of every railroad corporation, and every other person operating any railroad in the state, shall annually, in the month of January, make such reports and returns to such commissioner, verified by the oath of such officer or person, as shall afford the information aforesaid, and as he shall require, and, at other times prescribed by him, such other reports and returns, verified as aforesaid, concerning such railroads, their business affairs and management, as he shall require; and for such purpose he may prescribe blank forms, which shall be provided by the secretary of state. Every railroad corporation, company or person operating a railroad, who shall fail to make any such report within the time prescribed therefor, shall forfeit one hundred

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dollars for each and every day the same shall be delayed. The commissioner shall, on or before the second Monday of January in each year, make a report to the governor of the transactions of his office, for the preceding year, and containing such information, suggestions or recommendations in respect to the matters under his charge as he may deem proper. Three hundred copies of his report, for distribution and exchange, shall annually be bound in cloth, at a cost not exceeding twenty-five cents per copy.

POWERS OF COMMISSIONER.

SECTION 1796. Such commissioner, in the discharge of his duties, shall have power to examine witnesses, administer oaths, send for persons or papers, and at any and all times may have access to all books and papers of every such railroad corporation in any railroad office in this state; and may copy or extract from the same, and for that purpose may issue subpoenas, requiring the attendance of witnesses and the production of books and papers at such time and place as he may prescribe; and in case of disobedience to any such subpoena, or of a refusal of a witness to testify to any matter as to which he may be legally interrogated, it shall be the duty of the circuit court of any county, on the application of the commissioner, to compel obedience by attachment and proceeding for a contempt as in case of disobedience of a subpoena issued from such court, or a refusal to testify therein.

TO KEEP OFFICE AT CAPITAL.

SECTION 1797. Such commissioner shall keep his office at the seat of government, and shall be provided with a suitable room, necessary office furniture, stationery, books and maps, the expenses thereof to be paid out of the state treasury; but the total sum therefor shall not exceed eight hundred dollars per year. He shall be paid out of the state treasury, in addition to his salary, three dollars per day for traveling expenses for each day actually traveled in the performance of his duties; and he may, when necessary, employ a clerk at a salary of one hundred dollars per month, to be paid in like manner. The accounts for all payments authorized by this section, shall be audited only when approved by the governor. Such commissioner and his clerk shall have the right of passing, in the discharge of their official duties, on all railroads and railroad trains, free of charge.

RESTRICTIONS UPON CHARGES.

SECTION 1798. No railroad corporation shall charge, demand or receive from any person, company, or corporation, for the transport-

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tation of persons or of property, either by the car-load, or otherwise, a greater sum than it shall charge, demand or receive from any other person, company or corporation, for a like service; or charge, demand, or receive from any person, company or corporation, an unreasonable price for the transportation of persons or property, or for the handling or storage of freight, or for the use of its cars, or for any privilege or service afforded by it in the transaction of business. Every railroad corporation shall, upon reasonable notice, when within its power to do so, furnish suitable cars to any person applying therefor for the transportation of freight, and shall receive, transport and deliver such freight with reasonable dispatch, and provide suitable facilities for the receiving, handling and delivering of such freight at any stations upon such railroad. Any railroad corporation which shall violate any of the provisions of this chapter forbidding extortion or unjust discrimination, or any provision of law establishing rates, shall be liable to the person aggrieved in three times the actual damage sustained, besides costs.

TO RECEIVE AND TRANSPORT ACCORDING TO DIRECTIONS OF SHIPPER.

SECTION 1799. Every railroad corporation operating a road shall receive any and all grain offered to it, or to any agent or employe of it, for transportation, and shall make and deliver to the shipper or consignor the usual bill of lading for such grain consigned to any consignee, and shall transport all such grain over its road at the tariff of rates then in force, and according to the preceding section, to the elevator, warehouse or mill to which the same may be directed or shipped by the shipper or consignor, and deliver the same to the consignee at the warehouse or place of storage designated by him for the delivery thereof, if there be any track connecting therewith, by whomsoever laid or owned, over which such corporation shall have the right or privilege to run its cars, and such place of delivery be not more than one-half mile from the railroad of such corporation; and shall make no increased or additional charge for transportation of such grain because of such delivery, nor charge for such delivery, except such sum, if anything, as such corporation shall be actually required to pay to the owner or holder of such connecting track for the use thereof for such delivery.

TRANSPORTATION OF FIREWOOD.

SECTION 1800. No railroad corporation shall be compelled to transport firewood, unless the same shall be piled at some reasonably convenient point on its line, in quantities sufficient to load at least five cars at a time. When that is done, the corporation, upon five days' notice to the nearest station agent or other proper officer,

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shall, with all convenient dispatch, provide sufficient cars and transport such wood as required by the shipper, at prices per car load not more than the tariff of rates then in force for transportation of rails, fence posts and railroad ties; but such wood shall be loaded and unloaded by the owner, and no railroad company shall be required to so carry wood during the months of June, September, October and November.

TO MAINTAIN STATIONS.

SECTION 1801. Every corporation operating a railroad shall maintain a station at every village, whether incorporated or not, having a post office, and containing two hundred inhabitants or more, through or within one-eighth of a mile of which its line of road runs, and shall provide the necessary arrangements, receive and discharge freight and passengers, and shall stop at least one train each day each way at such station, if trains are run on such road to that extent. Every such corporation neglecting or refusing fully to comply with this section, after demand therefor by any resident of such village, shall forfeit not less than twenty-five nor more than fifty dollars for each and every day such neglect or refusal shall continue, one-half to the use of the person prosecuting therefor.

OWNERS OF ELEVATORS MAY CONSTRUCT TRACKS TO RAILROADS.

SECTION 1802. The owner of any elevator, warehouse or mill, at or near any station or terminus of any railroad, may at his own expense, construct a railroad track from such elevator, warehouse or mill to such railroad, and connect with the same by a switch at a point, within a reasonable distance from such station or terminus, and the railroad corporation shall allow such connection. Such side track and switch shall at all times be under the control and management of and be kept in repair and operated for the benefit of such owner or his assigns by such corporation; but the actual cost of so maintaining and operating the same shall be paid monthly by the owner thereof; and in case of his neglect to so pay the same upon demand, the obligation of this section upon any such corporation shall cease until such payment be made in full.

RESTRICTION OF RATES BY CERTAIN COMPANIES.

SECTION 1803. The Chicago, Milwaukee & St. Paul Railway Company, the Western Union Railroad Company and the Chicago & Northwestern Railway Company, shall not demand, collect or receive a greater compensation for the transportation of persons or property, than is fixed for corresponding distances in the regular published schedule of the tariff rates therefor of the said Chicago,

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Milwaukee & St. Paul Railway Company, in force on the fifteenth day of June, A. D. 1872, and heretofore filed with the railroad commissioner; and this provision shall apply to all railroads owned, leased or operated by said companies or either of them. Each of said companies in this section named shall sell at all their ticket stations within this state, tickets for five hundred miles, which shall be transferable, and also round trip tickets, good for first-class passengers, to and from any station within this state on their respective lines of road, at the uniform rate of three cents per mile, and with the right to the holder thereof to stop over upon his journey, at any station; but no railroad corporation shall be compelled to accept a single fare of less than five cents. This section shall not abridge or control the rates for carrying freight which comes from beyond the boundaries of the state to be carried across or through the state.

NO OFFICER TO BE INTERESTED IN CONTRACTS.

SECTION 1804. No president, director, officer, agent, or employe of any railroad, freight or transportation corporation shall be interested, directly or indirectly, in the furnishing of supplies or materials to such corporation, or in the business of transportation of freight or passengers over the lines owned, leased, controlled or operated by such corporation. No officer of any railroad corporation shall be an officer of any other railroad corporation which owns or controls a parallel or competing line, to be determined by a jury; but this shall not apply to cases where one corporation became responsible for the liability of another, either by advances made or a guaranty of bonds, previous to the first day of March, one thousand, eight hundred and seventy-six, nor to any corporation which had prior to that date been authorized to purchase or hold stock in any other railroad corporation, so far as thus authorized.

GUNPOWDER, ETC., NOT TO BE CARRIED ON PASSENGER TRAINS.

SECTION 1805. No railroad corporation shall transport or carry any gunpowder, dynamite, nitro glycerine, or like explosive articles, in any baggage, mail, express or passenger car; and for every violation thereof by any officer or agent of such corporation shall forfeit not less than two hundred nor more than one thousand dollars.

DOORS OF PASSENGER CARS NOT TO BE LOCKED.

SECTION 1806. No door of any car used for transporting passengers upon any railroad shall be locked while such car is in use or occupied by any passenger, nor be locked so as to prevent free exit from the same at all times; and no kerosene oil of less than three hundred degrees test, or other material of an explosive nature

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shall be used for the purpose of lighting any car used for the transportation of passengers upon any railroad in this state.

TO CARRY AX AND HAND-SAW.

SECTION 1807. Every railroad corporation shall provide and constantly keep in some conspicuous place in every car used for transporting passengers on its road, an ax with a handle, and a hand-saw, both ready for use; and for neglect or failure so to do, shall forfeit twenty-five dollars for each such car not so provided, for each day such failure shall continue.

TRAINS TO STOP BEFORE CROSSING OTHER RAILROADS.

SECTION 1808. Every train of cars and every locomotive about to cross the track of another railroad, shall come to a full stop before arriving at or crossing the track of such other, and within four hundred feet thereof; and the train or locomotive arriving near said crossing first, shall cross and move on first; and every such train or locomotive shall also come to a full stop before crossing or running upon any drawbridge over a stream which is regularly navigated by vessels, during the season when such stream is so used for navigation, and the use of such draw is necessary for the passage of boats, vessels and other crafts navigating the waters of such stream, at a distance from such bridge of not more than six hundred feet; provided, that no such stop need be made before crossing such drawbridge or railroad crossing of railroads operated by the same company, if, at the time, an employe of the company shall be standing on such bridge or crossing, with a proper light, by night, or flag, by day, and signal such train to proceed.

SIGN BOARDS TO BE PUT UP, WHISTLE TO BE BLOWN, ETC.

SECTION 1809. Every railroad corporation shall put up and maintain at all times, at every place where their railroad track crosses a public highway, and near such crossing, a large sign board with the following inscription, painted in large letters on each side: "Look out for the cars," in such manner as to be visible on the highway track at least an hundred feet distant on each side of the crossing; and before crossing any highway, except in cities and villages, with any locomotive, the whistle shall be blown eighty rods from such crossing, and the engine bell run continuously from thence until the highway be crossed by the locomotive. In all cities and villages the engine bell shall be rung before and while crossing any street, and no train or locomotive shall go faster, until after having passed all the traveled streets thereof, than at the rate of six miles per hour.

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FENCES.

SECTION 1810. Every railroad corporation operating any railroad shall erect and maintain on both sides of any portion of its road (depot grounds excepted), good and sufficient fences of the height of four and half feet, with openings, or gates, or bars therein, and suitable and convenient farm crossings of the road for the use of the occupants of the lands adjoining, and shall construct and maintain cattle guards at all highway crossings, and connect their fences therewith, to prevent cattle and other animals from going on such railroad. All roads hereafter built shall be so fenced and such cattle guards be made within three months from the time of commencing to operate the same, so far as operated. Until such fences and cattle guards shall be duly made, every railroad corporation owning or operating any such road shall be liable for all damages done to cattle, horses, or other domestic animals, or persons thereon, occasioned in any manner, in whole or in part, by the want of such fences or cattle guards. But after such fences and cattle guards shall have been in good faith constructed, such liability shall not extend to damages occasioned in part by contributory negligence nor to defects existing without negligence on the part of the corporation or its agents. A barbed wire fence, consisting of two barbed wires, with at least forty barbs to the rod, and one smooth wire, firmly fastened to posts not more than two rods apart, with one good stay between, the top wire not over fifty-two, nor under forty-eight inches high, and the bottom wire not less than sixteen inches from the ground, or a wire fence consisting of four smooth wires, set in the same manner, except that the stays between posts shall not be more than eight feet apart, shall be deemed a sufficient fence; and no fence shall be required in places where the proximity of ponds, lakes, water-courses, ditches, hills, embankments, or other sufficient protection render a fence unnecessary to protect cattle from straying upon the right of way or track.

LABORERS' LIENS.

SECTION 1815. As often as any contractor for the construction of any railroad or part thereof in progress of construction, shall be indebted to any laborer for thirty days' labor or less, either manual or team labor, or both, including team and driver, performed in constructing such road, such laborer may, within thirty days after the performance of the number of days' labor for which claim is made, serve notice in writing, signed by him, his agent or attorney, on the corporation either owning or constructing such road, that he claims such indebtedness, stating the amount thereof, the number of days' labor, and the time when performed, and the name of the contractor from whom due, and thereupon such corporation shall be directly liable to such laborer for the amount so due him,

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provided he bring his action therefor within sixty days after the service of such notice. Such notice shall be served by delivering a copy thereof to an engineer, agent or superintendent in the corporation's employment having charge of the part of the road on which such labor was performed, personally, or by leaving the same at his office or usual place of business, with some person of suitable age therein.

LIABILITIES FOR INJURIES.

SECTION 1816. Every railroad corporation shall be liable for all damages sustained by any agent or servant thereof by reason of the negligence of any other agent or servant thereof, without contributory negligence on his part, when sustained within this state, or when such agent or servant is a resident of and his contract of employment was made in this state, and no contract, rule or regulation between any such corporation and any agent or servant shall impair or diminish such liability.

PENALTY AGAINST GAMING.

SECTION 1817. If any railroad corporation or any agent or servant of any such corporation shall suffer any game to be played for gain, or any betting or gambling by means of any game, machine, device or chance of any description whatsoever, in any car, depot station house, building or other place whatsoever within the care, custody, possession or control of such corporation, agent or servant, such corporation and such agent and servant shall each forfeit not less than fifty nor more than two hundred dollars for each offense, one-half to the use of the person prosecuting; and every such agent or servant shall have authority summarily to arrest, without warrant, any person found in the act of so betting or gambling in any place aforesaid, and bring him before any court of competent jurisdiction, or deliver him to a proper officer to be brought before such court to be dealt with according to law.

PASSENGERS REFUSING TO PAY FARE MAY BE PUT OFF.

SECTION 1818. If any passenger shall refuse to pay his fare, it shall be lawful for the conductor of the train and the servants of the corporation to put him and his baggage off the cars, on stopping the cars, and using no unnecessary force, at any usual stopping place, or near any dwelling house, as the conductor shall elect.

PENALTIES.

SECTION 1819. If any railroad corporation, its officers, agents or servants, shall violate or fail to comply with any of the provisions

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of this chapter, for which no forfeiture is otherwise specially provided, such corporation shall, for each and every such violation or failure, forfeit not less than fifty nor more than five hundred dollars, one-half to the person prosecuting, and in addition be liable to the person injured for all damages sustained thereby.

CONVEYANCES, LEASES, MORTGAGES AND SATISFACTION TO BE
RECORDED.

SECTION 1839. Every conveyance or lease, deed of trust, mortgage or satisfaction thereof, made by any railroad corporation, of any franchises, real estate, fixtures, or other real property, in pursuance of law, shall be executed and acknowledged in the manner in which conveyances of real estate by corporations are required to be by these statutes, to entitle the same to be recorded, and shall be recorded in the office of the secretary of state, who shall indorse thereon his certificate thereof, specifying the day, hour and minute of its reception, and the volume and page where recorded, which shall be evidence of such facts. Every such record of any such instrument shall from the time of reception have the same effect as to any property in this state described therein as the record of any similar instrument in the office of a register of deeds may have by law, as to property in his county, and shall be notice of the rights and interest of the grantee, lessee or mortgagee, by such instrument, to the same extent as if it were recorded in each and all of the several counties in which any property therein described may be situated.

REPORTS TO STOCKHOLDERS, WHAT TO CONTAIN.

SECTION 1843. Every railroad corporation shall make an annual report to the stockholders of its operations during the year, ending on the thirty-first day of December, which report shall be verified by the affidavit of the secretary, treasurer and superintendent of the corporation, and shall state:

1. The length of road in operation; the length of single track; the length of double track; the weight of the rail per yard.

2. The capital stock actually subscribed, and the amount paid thereon.

3. The whole cost of the road, showing the amount expended for the right of way, for bridging, grading, iron and buildings, respectively, and for all other purposes incidental to the construction of such road.

4. The amount and nature of its indebtedness, distinguishing the first, second and third mortgage bonds, and the unsecured indebtedness, and the amount due the corporation.

5. The number of through and way passengers, and the rate of fare.

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6. The amount received for the transportation of passengers, property and mails, for interest, and from all other sources, respectively.

7. The amount of freight, specifying the quantity in tons or other usual mode of measurement.

8. The amount paid for repairs of the road, buildings, engines and cars, respectively; for fuel; taxes and interest, specifying the indebtedness on which the same is paid; for wages of employes; for salary paid to each officer where it exceeds one thousand dollars per annum, and for any other purpose incidental to the business of transportation, so as to give a complete statement of the entire annual expense of the corporation.

9. The amount of loss to the corporation from casualty.

10. The number and amount of dividends, and when made, and in what manner such dividends have been paid.

11. The amount appropriated to sinking fund, and the manner in which the same has been applied, and the total amount then held by such sinking fund.

12. The number of persons killed or injured, the causes thereof, and whether passengers or persons employed by the corporation.

13. Whether any such accidents have arisen from carelessness or negligence of any person in the employment of the corporation, and whether such person is retained in the service of said corporation.

The secretary of each railroad corporation shall mail to every stockholder thereof, whose post office address is known, a copy of its annual report, and shall file a certified copy thereof with the Railroad Commissioner, on or before the first day of February.

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THE ST. CROIX LAND GRANT.

OPINION OF THE U. S. DISTRICT COURT.

Circuit Court of the United States, Western District of Wisconsin.

The Madison & Portage Railroad
Company, *Complainant,*

vs.

Treasurer of the State of Wisconsin, The West Wisconsin Railway Company, The Wisconsin Railroad Farm-Mortgage Land Company, The North Wisconsin Railway Company, The Chicago, Portage & Superior Railway Company, and The Wisconsin Central Railway Company, *Defendants.*

Upon Original and
Cross-Bills.

Mr. Justice HARLAN delivered the following opinion:

By the first section of the act of congress, approved June 3, 1856, granting public lands to aid in the construction of railroads in the state of Wisconsin, there was granted to that state, "for the purpose of aiding in the construction of a railroad from Madison or Columbus, by the way of Portage City, to the St. Croix River or Lake, between townships 25 and 31, and from thence to the west end of Lake Superior, and to Bayfield, and also from Fond du Lac on Lake Winnebago northerly to the state line, every alternate section of land, designated by odd numbers, for *six* sections in width, on each side of said roads respectively" "But," the act declares, "in case it shall appear that the United States have, when the lines or routes of said roads are definitely fixed, sold any sections or parts thereof granted as aforesaid, or that the right of pre-emption has attached to the same, then it shall be lawful for any agent or agents, to be appointed by the governor of said state, to select, subject to the approval of the secretary of the interior, from the lands of the United States nearest to the tier of sections

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above specified, as much land in alternate sections or parts of sections as shall be equal to such lands as the United States have sold or otherwise appropriated, or to which the right of pre-emption has attached as aforesaid, which lands (thus selected in lieu of those sold and to which pre-emption has attached as aforesaid, together with the sections or parts of sections designated by odd numbers as aforesaid and appropriated as aforesaid) shall be held by the state of Wisconsin for the use and purpose aforesaid: *Provided*, That the lands to be so located shall in no case be further than fifteen miles from the line of the roads in each case and selected for and on account of said roads: *Provided further*, That the lands hereby granted shall be exclusively applied in the construction of that road for which it was granted and selected, and shall be disposed of only as the work progresses, and the same shall be applied to no other purpose whatsoever: *And provided further*, That any and all lands reserved to the United States by any act of Congress, for the purpose of aiding in any object of internal improvement, or in any manner for any purpose whatsoever, be and the same are hereby reserved to the United States from the operation of this act, except so far as it may be found necessary to locate the route of said railroads through said reserved lands, in which case the right of way only shall be granted, subject to the approval of the President of the United States."

The second section provides that the sections and parts of sections of land, which, by such grant, remained to the United States, within six miles on each side of said roads, should not be sold for less than double the minimum price of the public lands when sold; nor should they become subject to private entry until the same had been offered at public sale at the increased price.

By the fourth section it is declared that the lands granted should not be disposed of by the state except in the following manner: That a quantity of land not exceeding 120 sections, and included within a continuous length of twenty miles of roads respectively, might be sold; and when the governor of the state should certify to the secretary of the interior that any twenty consecutive miles of either of said roads were completed, "then another like quantity of land" thereby granted might be sold, and so from time to time, until the roads are completed.

If the roads were not completed within ten years, the act provided that no further sales should be made, and the unsold lands should revert to the United States.

The lands, rights, and privileges thus granted were, on the 8th of October, 1856, formerly accepted by the state upon the terms, conditions, and restrictions contained in the act of Congress, and the state assumed and undertook the trust thereby created.

On the 11th of October, 1856, the state by an act on that day approved, authorized the La Crosse and Milwaukee Railroad Company—a corporation created by the laws of Wisconsin—to construct and

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operate the roads described in the act of Congress, from Madison and Columbus *via* Portage City to St. Croix River and Lake, and from thence to the west end of Lake Superior and to Bayfield; and, for the purpose of aiding such construction, the state granted to that company all its interest and estate, present and prospective, in or to the lands granted by the act of June 3, 1856, for the construction of the railroad between the points and along the routes just named, together with all the rights, privileges, and immunities conferred or intended to be conferred by the act of Congress.

Prior to May 5th, 1864, no portion of the entire route from Madison, *via* Portage City and St. Croix River or Lake, to the west end of Lake Superior and to Bayfield, had been completed, except the line between Portage and Tomah, a distance of 61 miles. That part of the line was constructed in the years 1857 and 1858, and ever since April, 1858, has been in use for freight and passenger trains.

On May 5th, 1864, Congress passed an act "granting lands to aid in the construction of certain railroads in the state of Wisconsin." Since the rights of parties to this litigation depend chiefly, if not altogether, upon the construction and effect which may be given to that act, it is necessary to refer, at some length to its provisions.

By the first section it is declared "that there be and is hereby granted to the State of Wisconsin for the purpose of aiding in the construction of a railroad *from a point on the St. Croix River or Lake, between townships 25 and 31, to the west end of Lake Superior, and from some point on the line of said road, to be selected by said state, to Bayfield*, every alternate section of public land designated by odd numbers, for *ten* sections in width on each side of said road, *deducting* any and all lands that may have been granted to the State of Wisconsin for the same purpose by the act of Congress of June 3d, 1856, upon the same terms and conditions as are contained in the act granting lands to the State of Wisconsin, to aid in the construction of railroads in said state, approved June 3d, 1856." "But," the act provides, "in case it shall appear that the United States have, when the line or route of said road is definitely fixed, sold, reserved, or otherwise disposed of any sections or parts thereof, granted as aforesaid, or that the right of pre-emption or homestead has attached to the same, then it shall be lawful for any agent or agents, to be appointed by said company, to select, subject to the approval of the Secretary of the Interior, from the public lands of the United States, nearest to the tier of sections above specified, as much land in alternate sections or parts of sections as shall be equal to such lands as the United States have sold or otherwise appropriated, or to which the right of pre-emption or homestead has attached as aforesaid, which lands (thus selected in lieu of those sold, and to which pre-emption or homestead right has attached as aforesaid, together with sections and parts of

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sections designated by odd numbers as aforesaid, and appropriated as aforesaid), shall be held by said state for the use and purpose aforesaid: *Provided*, That the lands to be so located shall in no case be further than 20 miles from the line of the said roads, nor shall such selection or location be made in lieu of lands received under the said grant of June 3d, 1856, but such selection and location may be made for the benefit of said state, and for the purpose aforesaid, to supply any deficiency under the said grant of June 3d, 1856."

By the second section of the act a grant, in similar terms, and upon like conditions as to the selection of lands in lieu of sections or parts of sections appearing, when the line or route of the road shall have been definitely fixed, to have been sold, reserved, or otherwise disposed of, was made to the state for the purpose of aiding in the construction of a railroad *from Tomah to the St. Croix River or Lake, between sections 25 and 31*, of "every alternate section of public land, designated by odd numbers, for *ten* sections in width on each side of said roads, *deducting* any and all lands that may have been granted to the State of Wisconsin for the same purpose by the act of Congress granting lands to said state to aid in the construction of certain railroads, approved June 3, 1856, upon the same terms and conditions as are contained in the said act of June 3d, 1856."

By the 3d section of the act, and upon like conditions as to the selection of lieu lands, (except that no reference was made to deductions of lands granted by or received under the act of June 3, 1856,) there was granted to the state, to aid in the construction of a railroad *from Portage City, Berlin, Doty's Island, or Fond du Lac, as the state might determine, to Bayfield, and thence to Superior, on Lake Superior*, "every alternate section of public land, designated by odd numbers, for *ten* sections in width on each side of said road, upon the same terms and conditions as are contained in the act granting lands to said state to aid in the construction of railroads in said state, approved June 3, 1856."

Section 4 declares that the sections and parts of sections of land remaining to the United States, within ten miles on each side of said roads, shall not be sold for less than double the minimum price of the public lands when sold; nor should any of the said reserved lands become subject to private entry until the same shall have been first offered at public sale at the increased price.

By section 5 it is provided that the time fixed and limited for the completion of the roads in the act of June 3, 1856, was extended to a period of five years from and after May 5, 1864.

Section 6 is similar to the last proviso of section 1 of the act of June 3, 1856.

By section 7 it was declared that whenever there was "completed 20 consecutive miles of any portion of said railroads, supplied with all necessary drains, culverts, viaducts, crossings, siding

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bridges, turn-outs, watering places, depots, equipments, furniture, and all other appurtenances of a first-class railroad, patents shall issue conveying the right and title to said lands to the said company entitled thereto, on each side of the road, *as far as the same is completed*, and *coterminous with said completed section*, not exceeding the amount aforesaid, and patents shall in like manner issue as each 20 miles of said road is completed: *Provided, however*, That no patents shall issue for any of said lands unless there shall be presented to the Secretary of the Interior a statement, verified on oath or affirmation by the president of said company, and certified by the governor of the State of Wisconsin, that such 20 miles have been completed in the manner required by this act, and setting forth with certainty the points where such 20 miles begin and where the same end; which oath shall be taken before a judge of a court of record of the United States.

The eighth section declares that the lands granted by that act shall, when patented as provided in the seventh section, be subject to disposal, for the purposes stated in the act and for no other, and the railroads should be and remain public highways for the use of the government of the United States, free from all toll or other charge, for the transportation of any property or troops of the United States.

The ninth and only remaining section provides that if the road mentioned in the third section is not completed within ten years from the passage of the act, as provided therein, no further patents should be issued to the company for such lands, no further sales should be made, and the lands unsold should revert to the United States.

On the 20th of March, 1865, the lands granted by the act of May 5th, 1864, were accepted by the state, subject, however, to all the conditions of said act of congress," and the state consented "to execute the said trust, created by the aforesaid act of congress, pursuant, in all things, to the terms, limitations and conditions of said act." The secretary of state of Wisconsin was required to transmit a certified copy of the resolution, showing such acceptance, to the secretary of the interior.

Recurring to the provisions of the acts of June 3, 1856, it seems to be reasonably clear that that act contemplated or, at any rate, rendered possible the construction, by one company, of a single continuous railroad from Madison or Columbus, via Portage City and St. Croix River or Lake, to the west end of Lake Superior and to Bayfield. But the continuity of such line was destroyed, and in my opinion, was intended to be destroyed, by the act of May 5, 1864. Instead of making an additional or increased grant for one entire line, as described in the act of June 3, 1856, from Madison or Columbus to Lake Superior, Congress, in one section of the act of 1864, made a distinct grant for a railroad from a point on the St. Croix River or Lake, between townships 25 and 31, to the west

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end of Lake Superior and to Bayfield; in another section, a distinct grant to aid in the construction of another railroad from Tomah to St. Croix River or Lake, between townships 25 and 31; and, in a third section, a distinct grant for another and distinct railroad from Portage City, Berlin, Doty's Island, or Fond du Lac to Bayfield, thence to Superior. If Congress had intended to give additional lands for the benefit of the same or a single and continuous line, from Madison or Columbus, via St. Croix River or Lake, to the west end of Lake Superior and to Bayfield, as described in the act of June 3, 1856, that result could have been effected by an amendment of that act, simply extending, for the benefit of the line therein described, and which had then been formally located, the place limits to ten miles and the indemnity limits to twenty miles. But, instead of adopting that course, it made a specific grant, in separate sections, for distinct roads, between designated terminal points, without requiring the parties or companies constructing those several lines to adopt the line or route which may have been located under or by virtue of the act of June 3, 1856. This course was, perhaps, suggested by the fact, of which we may presume congress had knowledge, that nearly eight years had elapsed after the state's acceptance of the act of June 3, 1856, without anything whatever being done upon the line, west and north of Tomah, beyond the mere location of the route from Tomah via St. Croix River or Lake to Lake Superior. But whatever considerations may have influenced Congress, we are satisfied that the purpose of the act of May 5, 1864, was to break the continuity of the original line from Tomah via St. Croix River or Lake to the west end of Lake Superior and to Bayfield, and devote to the construction of separate and distinct portions of that line an increased quantity of lands beyond the amount granted by, or which could have been made available under, the act of 1856.

An important question arising upon the construction of the acts of 1856 and 1864 is, whether the act of 1864 provides for the disposal of the granted lands upon a principle, or by a rule, different from that prescribed in the act of 1856; and, further, whether that of 1864 has not practically, and without violating any of the rights of the parties to this cause, superseded the essential portions of the act of 1856.

Touching the act of June 3d, 1856, some of the counsel insist that the lands which, by that act, were allowed to be selected in lieu of lands appearing to have been previously sold or otherwise appropriated by the government, or the lands earned by the construction of each twenty continuous miles, could have been located anywhere along the entire line from Madison via Portage and St. Croix River or Lake to the west end of Lake Superior and to Bayfield, and that the selection of such lands was not, by that act, limited to the public lands, coterminous with any completed sec-

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tion of 20 miles and within 15 miles of the line of road. Without stopping now to inquire how far that construction of the act of June 3d, 1856, is maintained by some of the adjudged cases, or by the action of any department of the government, it is quite certain that the act of May 5th, 1864, admits of the disposal of the lands therein granted only upon the coterminous principle. Upon the completion of 20 consecutive miles in the manner required for a first-class railroad, and upon the fact of such completion being certified by the Governor, and sustained by affidavit presented to the Secretary of the Interior, patents could issue for the lands earned in the construction of such twenty continuous miles. But the statute, in language too explicit to admit of doubt, or to require construction, declares that the patents shall convey the right and title to such earned lands, to the companies entitled thereto, "on each side of the road *as far as the same is completed, and coterminous with said completed section*, not exceeding the amount" prescribed in the act. According to the act of 1864, patents for lands earned in pursuance of its provisions could issue only to the companies constructing the roads described in the act, or to the companies to whom the benefit of the grant might be transferred.

It is, however, contended with much earnestness that the act of 1864, so far from repealing or modifying the act of 1856, recognizes and requires the enforcement of its provisions as to all lands covered by the grant therein contained. But, in my opinion, this position is unauthorized by anything contained in the act of May 5, 1864, and is inconsistent with the evident intention of Congress in making distinct grants for the several roads designated in that act. The grant is of "every alternate section of public land designated by odd numbers for ten sections in width on each side of said road, deducting any and all lands that may have been granted to the state of Wisconsin for the same purpose by the act of Congress of June 3, 1856, upon the same terms and conditions as are contained in the act granting lands to the state of Wisconsin to aid in the construction of railroads in said state, approved June 3, 1856." It certainly was not the intention of Congress, by the act of May 5, 1864, to grant to the state every alternate odd section "for ten sections in width on each side of said road," *in addition* to the alternate odd sections "for six sections in width on each side" of the roads, granted by the act of June 3, 1856. The purpose of the act of May 5, 1864, was, as to the several roads therein described, to grant the alternate odd sections for ten sections in width in place of odd alternate sections for six sections in width, granted by the act of June 3, 1856; and instead of indemnity limits for fifteen miles, as provided in the last named act, to allow selections of lands within twenty miles of the located line. If, within the place limits, as established and rendered certain under the act

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of 1864, either by the location of a new route or by the partial adoption of the route located under the act of 1856, there should be found lands within the place limits, as established under the act of 1856, the title to which had not been earned or become vested, it was intended that such lands be taken as a *part of* the place limits under the act of 1864, and not *in addition* to the alternate sections for ten sections in width, granted by the act of 1864. That is manifestly what was meant by the requirement that the lands granted by the act of 1856 should be *deducted* from the alternate odd sections for ten sections in width granted by the act of 1864. This construction is fortified by the first proviso of section 1 of the act of 1864, which declares that the lands to be located in lieu of lands which had been sold or appropriated by the government, and which, therefore, could not be used to aid in constructing the railroad, should not be made "in lieu of lands *received* under the said grant of June 3, 1856," but that such location might be made to supply any "*deficiency*" under the grant of June 3, 1856. That is to say, lands granted by the act of 1856, if found, upon the definite location of the respective roads under the act of 1864, to be within the place limits defined by the latter act, were not to be regarded as having been previously appropriated by Congress, so as to entitle the company constructing the road, under the act of 1864, to claim other lands in lieu thereof, but they were to be taken as a *part of* the "ten sections in width" granted by the act of 1864. It was, therefore, to be *deducted* from the affirmative grant of ten sections in width made in 1864. The word "deducting" was not, perhaps, the very best one to express the intention of Congress, but that Congress intended what I have indicated is reasonably clear.

If we are correct in our construction of the act of May 5th, 1864, it follows that the lands *coterminous with each completed section of twenty consecutive miles* of the respective roads described in and granted by *that act* were exclusively for the benefit of the respective companies who should, under the provisions of that act, construct each completed section of twenty miles, and that no one of the companies constructing a road *under that act* could, for any deficiency of lands coterminous with its own line, supply such deficiency out of lands coterminous with other lines constructed by other companies under the same act. In other words, Congress intended that all the lands granted by and earned under the act of May 5, 1864, by means of constructed road, should be disposed of according to the coterminous principle.

It results, also, from what has been said, that its acceptance of the grant of May 5, 1864, subject to all the conditions prescribed in the act of Congress, and its agreement to execute the trust therein created by Congress, "pursuant in all things to the terms, limitations, and conditions in said act," binds the state to an ad-

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ministration of the grant upon the coterminous theory, unless rights had previously accrued under and by virtue of the act of June 3, 1856, which Congress could not, even with the consent of the state, ignore or violate, or unless, subsequent to the passage and acceptance of the act of 1864, the state, with the consent of Congress or in harmony with its legislation, recognized, in some binding form, the rights growing out of the act of June 3, 1856. Whether any of the parties to this litigation have any such rights, or whether any of them can object to the administration of the grant upon the principles enumerated in the act of May 5, 1864, we now proceed to inquire.

Before considering the exact status at the time of the passage of the act of May 5, 1864, of the several parties to this litigation, it is necessary to state somewhat in detail all that had been accomplished between the date of the passage of the act of June 3, 1856, and prior to the passage of the act of May 5, 1864.

We have already referred to the act of October 11, 1856, whereby the state conferred the grant of June 3, 1856, upon the La Crosse and Milwaukee Railroad Company. From the act of October 11, 1856, it appears —

That the title to the lands granted by the act of June 3, 1856, was not to vest or be subject to disposal except upon the completion of each section of twenty consecutive miles, and that the company was prohibited from making sales exceeding six sections of land for every mile of road completed;

That the La Crosse and Milwaukee Railroad Company agreed to complete the entire road from Madison and from Columbus *via* Portage City to the St. Croix River or Lake, between townships 25 and 31, and from thence to the west end of Lake Superior and to Bayfield, within ten years from June 3, 1856, and to complete those portions between Madison and Portage City, and between Columbus and Portage City, simultaneously as nearly as practicable, and by December 31, 1858;

That in case the company should violate the provisions of the act of October 11, 1856, the legislature of Wisconsin might repeal that act, and might revoke the rights and franchises therein conferred, so far as the same had not been performed and fulfilled, and so far as the rights and privileges thereby granted had not become complete and absolute.

The La Crosse and Milwaukee Railroad Company promptly accepted the grant, lands, rights and privileges conferred by the act of October 11, 1856, upon the terms, conditions and restrictions therein contained.

On the 31st of December, 1856, the company executed to Bronson and others, as trustees, a deed of trust or mortgage containing the usual provisions, covering all the property which then constituted, or might thereafter constitute, or be a part of the road of the

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grantor from Madison by way of Portage to St. Croix River or Lake, between townships 25 and 31, and from Portage to La Crosse, to secure bonds amounting to \$10,000,000, proposed to be issued for the construction of said roads, including all lands granted or intended to be granted to that company, so far as the same pertained or were applicable to the construction of the road from Madison by way of Portage to the St. Croix River or Lake, and also all the property which the company might thereafter acquire, as fully and amply as the same might or could be conveyed if the roads had then been fully constructed and completed, and also the particular lands granted by the acts of June 3, 1856, and October 11, 1856, so far as the same were applicable to the construction of the road from Madison to St. Croix River or Lake.

Subsequently, in March, 1857, the La Crosse and Milwaukee Railroad Company was authorized, by an act of the legislature of Wisconsin, to transfer and convey to the St. Croix and Lake Superior Railroad Company all its right, title, and interest in the lands, theretofore granted to it by the state, which lie north of a point of intersection with St. Croix River or Lake, upon the making of which conveyance the grantee should possess all the rights, powers, and privileges, in regard to the construction of the road from such point of intersection to the west end of Lake Superior and to Bayfield, and in regard to the application and disposal of such lands, which had been conferred upon the grantor company by said act of October 11, 1856; and the grantor company, from the date of such conveyance, should be exonerated from all liability or duty as to the construction of that portion of the original line north of the St. Croix River or Lake.

On the 10th of March, 1857, the La Crosse and Milwaukee Railroad Company executed to the St. Croix and Lake Superior Railroad Company the conveyance authorized by the act to which reference has just been made. It contained, however, this clause:

“But it is hereby expressly understood between the parties hereto, that the said La Crosse & Milwaukee Railroad Company *possesses* and does not surrender or release the right of selecting any lands within fifteen miles of and more than six miles from the route of the said road or roads *between the St. Croix River or Lake and the west end of Lake Superior, and also between the said route and Bayfield*, for the purpose of making up any deficiency which does or may exist in the quantity of lands to which the said La Crosse and Milwaukee Railroad Company is or may be entitled upon that point (*part*) of its line extending *from Madison to the St. Croix River or Lake.*”

By the same instrument, the St. Croix & Lake Superior Railroad undertake to construct the designated roads, north of St. Croix River or Lake to the west end of Lake Superior and to Bayfield, within ten years after June 3, 1856.

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Following, chronologically as far as possible, the history of the events as they transpired and were connected with the proposed lines of road, we find:

That on the 2d of August, 1858, there was certified to the governor of Wisconsin the completion by the La Crosse and Milwaukee Railroad Company of twenty additional miles westward from Portage City, making sixty-one continuous miles from that city westwardly to Tomah, in the direction of St. Croix River or Lake, so as to admit of the running of regular trains, both freight and passenger. But on the 23d of July, 1858, the governor refused to certify the same to the Secretary of the Interior, placing his refusal upon the ground that the conditions upon which the grant was made by the state to the company had not been complied with, in that the company had not built any road from Madison and from Columbus to Portage, simultaneously or at all, while both of such roads — from Madison to Portage and from Columbus to Portage — were to have been completed by December 31, 1858.

After the location of the line from Madison to Portage, in June, 1857, and prior to 1861, the La Crosse and Milwaukee Railroad Company partially graded portions thereof, expending from \$50,000 to \$75,000.

By an act of the legislature of Wisconsin, approved April 12, 1861, the Sugar River Valley Railroad Company was authorized to build and operate a railroad from Madison and the village of Columbus, on the most direct and feasible routes, to Portage — both roads to be completed simultaneously, as near as practicable, and to be completed by December 31, 1863. For the purpose of aiding in the construction of such roads, there was granted to that company all the interest and estate, then present and prospective, of the state in and to so much of the lands granted by the United States to Wisconsin by the act of June 3, 1865, as was or could be made applicable to the construction of that part of the railroad described in said last-named act, lying between Madison and Portage, together with all the rights, privileges, and immunities conferred or intended to be conferred by the act of congress, as to so much of said grant of land. The act provided for the acquisition of title to the land by the company, in the same mode and upon the same conditions substantially as prescribed in the act of October 11, 1856, in relation to the La Crosse and Milwaukee Railroad Company.

That act provides also —

That in case the Sugar River Valley Railroad Company should construct their road, or any part of it, upon or over any route upon or over which any other railroad company was authorized to construct a railroad, or upon or over which it had prior to that date actually surveyed or located its line of railroad, then it should be the duty of the Sugar River Valley Railroad Company to settle with such railroad company, upon principles of justice and equity, for all the prop-

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erty and rights of property which it should take, injure or destroy, and pay therefor whatever it should be reasonably worth;

That in case the company should fail to expend at least \$50,000 in the construction of said road within one year, or should fail to complete the road from Madison to Portage, so as to admit of the running of regular trains upon the same by December 31, 1863, or should otherwise violate the provisions of said act of April 12, 1861, the legislature might repeal the same, and revoke and annul all the rights and franchises therein conferred upon said company, so far as the same had not been performed and fulfilled, and so far the rights and privileges granted had not become complete, absolute, or vested.

That so much of the act of October 11, 1856, and so much of the grant of lands thereby granted to the said La Crosse and Milwaukee Railroad Company as were or could be made applicable to the construction of a railroad from Madison to Portage, and from Columbus to Portage, and all the rights, privileges, and franchises thereby conferred, granted, and conveyed to and upon the La Crosse and Milwaukee Railroad Company, so far as the roads from Madison to Portage, and from Columbus to Portage, and the lands granted to aid in the construction of the same were concerned, were thereby repealed, revoked, annulled, and declared void.

In January, 1862, a decree of foreclosure and sale was rendered in the District Court of the United States for the District of Wisconsin, of the trust-deed executed by the La Crosse and Milwaukee Railroad Company to Bronson and others. The sale under this decree took place April 5, 1863, the purchasers being William Wallace and William H. White.

On the 20th of January, 1863, the Sugar River Valley Railroad Company failed, suspended payment, and practically closed all operations on the line between Madison to Portage, but, prior to that date, it had expended for grading, and in acquiring the right of way, about \$40,000.

By an act approved April 1st, 1863, the Tomah and Lake St. Croix Railroad Company was incorporated, with authority to build and operate, on such route, or from such point as the directors should determine in Tomah, on the track of the Milwaukee and La Crosse Railroad, or any other railroad running out of Tomah, (that being the point westward of Portage City to which the 61 miles of road from Portage City, constructed in 1857 and 1858 by the La Crosse and Milwaukee R. R. Co., extended,) by way of Black River Falls, thence by the most feasible route to such point on the Lake St. Croix, between townships 25 and 31, as the directors should determine. For the purpose of aiding in the construction of said railroad there was granted to that company all the interest and estate, then present and prospective, of Wisconsin, in and to so much of the lands granted by the United States, by

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the act of June 3, 1856, as was or could be made applicable to the construction of that part of said railroad lying *between the village of Tomah and Lake St. Croix*, together with the rights, privileges, and immunities conferred or intended to be conferred by said act of June 3, 1856, as to so much of said grant, — the title to the lands thus granted to vest in the same mode and upon the same conditions, substantially, as those prescribed in reference to the La Crosse and Milwaukee Railroad Company by the act of October 11, 1856.

The act further provided that so much of the act of October 11th, 1856, and so much of the grant thereby of lands to the La Crosse and Milwaukee Railroad Company as was or could be made applicable to the construction of a railroad from Tomah to Lake St. Croix, and all the rights, privileges, and franchises thereby conferred, granted, and conveyed to the said La Crosse and Milwaukee Railroad Company, so far as the road from Tomah to St. Croix and the lands therein granted to and in the construction of the same were concerned were thereby repealed, revoked annulled, and declared void.

On the 5th of May, 1863, Wallace and White received a deed from the marshal, and upon the same day organized a corporation under the name of Milwaukee and St. Paul Railway Company, to which was conveyed by the decretal purchasers, among other things, the lands granted or intended to be granted to the La Crosse and Milwaukee Railroad Company by virtue of the acts of June 3d, 1856, and October 11th, 1856, so far as lands pertained or were applicable to the construction of the roads from Madison by way of Portage to the St. Croix River or Lake.

By an act approved March 31, 1864, the St. Croix and Lake Superior Railroad Company was authorized and empowered to preserve and protect the timber growing or being upon any of the lands theretofore granted by Congress to the State of Wisconsin by the act of June 3, 1856, and "which are situated within fifteen miles of the located line of such company's railroad."

We have now stated, so far as we have been able to collect them from the immense mass of papers before us, the important facts in connection with the lines of railroad between Madison *via* Portage and St. Croix River to the west end of Lake Superior and to Bayfield, which transpired between the passage of the act of June 3, 1856, and the acceptance by the state of the act of the 5th of May, 1864. At the date last named, as we have shown, no part of the line between Madison and Portage had been constructed. Nothing had been done except to locate and partially grade the lines between those points. The company charged with the duty of completing the road from Madison to Portage by December 31, 1863, had, prior to May 5, 1864, failed and suspended operations, and was in suspension at the last-named date. Between Tomah

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and St. Croix Lake, and between St. Croix Lake and the west end of Lake Superior and Bayfield, nothing whatever had been done in the way of construction prior to May 5, 1865. The respective companies seeking or claiming the benefit of or operating under the grant of June 3, 1856, had done substantially nothing between Tomah and Lake Superior beyond locating their lines on the designated routes,

Returning to the inquiry whether the acceptance by the state of the provisions of the act of May 5th, 1864, were inconsistent with any rights which then belonged to the predecessors in interest of the parties to this cause, let us first examine the case as to —

THE WEST WISCONSIN RAILROAD COMPANY,

formerly the Tomah and Lake St. Croix Railway Company. It seems to be clear that that company, at least, is not in any position to object to the administration of the congressional grant upon the coterminous principle. It would seem to be estopped, upon every principle of equity, from asserting any claim to supply its deficiency of land, if any such exists, out of lands beyond its line and along the road constructed and to be constructed by other companies north of its line and between St. Croix River or Lake and Lake Superior. The state, by an act approved March 29, 1865, conferred upon that company, the benefit of the increased grant, and, among other things, all and singular the rights, privileges and interests conferred and bestowed upon the state by the act of May 5, 1864, including the privilege given *by that act*, as to the extension of time for building the road from Tomah to St. Croix River or Lake, between townships 25 and 31. The company accepted the grant upon the same conditions and restrictions as were imposed by Congress upon the state in the act of 1864. Besides, it accepted from Congress, by joint resolution approved July 13, 1868, a further extension of three years for the completion of its road beyond the time limited by the act of 1864. It accepted and caused to be filed with the Secretary of the Interior a certificate from the governor of the state, dated September 10, 1870, showing that the first 80 miles constructed by it had been built and completed in the manner required by the act of May 5, 1864.

It accepted and caused to be filed a similar certificate as to another section of 20 continuous miles. After these repeated recognitions of the act of May 5, 1864, after accepting the benefits, the extension of time and all the privileges given by that act and by the act of 1868, it should not be heard to claim lands beyond its terminal points and within the limits granted to other companies who have entered upon the work of construction under the authority and upon the faith of the act of May 5, 1864. If, as claimed, the North Wisconsin Railroad Company, which is engaged in con-

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structing the road from St. Croix Lake or River to Bayfield, has received grants of land in violation of the coterminous principle prescribed in the act of May 5, 1864, that is a matter between the state or the United States and that company, of which the West Wisconsin Railroad Company may not complain. And so if the West Wisconsin Railroad Company has, as urged, received lands along or opposite to its line which it had no lawful right to receive under the act of 1864, that is not a matter to be corrected in this litigation, or of which other companies can complain under the present issues, provided such other companies were not themselves entitled to the lands thus alleged to have been illegally appropriated and received by the West Wisconsin Railroad Company. As to whether it has, in fact, received patents for lands to which it was not entitled, the court expresses no opinion. Its decision upon the claim of the West Wisconsin Railway Company is restricted to the single point that it cannot supply its alleged deficiency out of the lands north of St. Croix River or Lake and beyond its own terminal points, whether such lands are claimed by the North Wisconsin Railway Company, the Chicago, Portage & Superior Railway Company, or the Wisconsin Central Railway Company.

MADISON AND PORTAGE RAILWAY COMPANY.

Our next inquiry relates to the claim of the Madison and Portage Railway Company to supply its alleged deficiency from lands north of St. Croix River or Lake.

We have already seen that the rights, privileges, and franchises conferred in 1856 upon the La Crosse and Milwaukee Railroad Company, so far as the roads from Madison to Portage and from Columbus to Portage, and the lands granted to aid in the construction of the same were concerned, were, in the year 1861, revoked, annulled, and declared void by the state. The right of the state to make such revocation cannot well be disputed in view of the reservations in the act of Oct. 11, 1856, and the failure of the La Crosse and Milwaukee Railroad Company to complete such roads by the time stipulated in that act, viz., December 31, 1858. What the La Crosse and Milwaukee Railroad Company may have previously done upon the line between Madison and Portage, in the way merely of grading, did not create any rights in its favor against the state or against the United States—certainly, no rights that were complete or absolute, or which prevented the state in 1861, from recalling its grant to that company.

We have also seen that in the statute of 1861, declaring such revocation, the right to construct the road from Madison to Portage was conferred upon the Sugar River Valley Railroad Company, together with the lands, privileges, and immunities, as to that part of the original line, which had been previously conferred upon and granted

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to the La Crosse and Milwaukee Railroad Company. But the Sugar River Valley Railroad Company, (the predecessor of the Madison and Portage Railroad Company) did not comply with the terms of the said act of 1861. It did not, as it expressly agreed to do, expend upon its road, within one year from the passage of the act, the sum of \$50,000. Nor did it, by December 31, 1863, complete the road from Madison to Portage, so as to admit of the running of regular trains upon the same, or at all. On the contrary, as early as January 26, 1863, it failed, suspended payment, and practically closed all operations on its road. It had not resumed operations when the act of May 5, 1864, was passed, or when its provisions were accepted by the state. It had not, at either date, acquired any right which was "complete, absolute, or vested." It was in a position where the state, by virtue of the reservations of power contained in the act of 1861, could revoke all the authority conferred upon it, including the right to earn lands as compensation or bounty for constructed road. Its violation of the act of 1861, in the particulars named, authorized the state, at the time of its acceptance of the act of May 5th, 1864, to repeal the act of 1861, and revoke the grant thereby made. The state did not, so far as I can find in the record, formally exercise such right of repeal and of revocation, but it did, on the 20th of March, 1865, as it might lawfully have done, that which was practically equivalent to a revocation of the rights granted in the act of 1861, that is to say, it agreed, with the United States, to execute the trust created by the act of 1864, pursuant, in all things, to the terms, limitations, and conditions of that act—an agreement which, we have seen, required the disposal, according to the coterminous principle, of all the lands granted by the act of 1864 among the several companies constructing, under the sanction of its authority, each continuous 20 miles. That agreement embraced all the lands beyond or north-west of Tomah and as far north as Lake Superior, and was inconsistent with any right, in the Sugar River Valley Railroad Company, thereafter to earn and appropriate lands, beyond *its* own line and within the limits, terminal and lateral, prescribed by the act of May 5, 1864.

If it was competent for the state, on March 20, 1865, as it unquestionably was, to revoke the grant of 1861 to the Sugar River Valley Railroad Company, it was equally competent, without a formal revocation of such grant, to stipulate with the United States that it would dispose of the lands granted and received under the act of 1864, according to the terms therein prescribed. If we are correct in this view it results that no action of the state, subsequent to March 20, 1865, continuing in force the grant of 1861 to the Sugar River Valley Railroad Company, or substituting the Madison and Portage Railroad Company to the enjoyment of the rights originally conferred upon the Sugar River Valley Railroad Company, could affect its obli-

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gation to the United States to respect and execute the provisions of the act of May 5, 1864. It is enough for the disposition of the claim of the Madison and Portage Company that the Sugar River Valley Railroad Company had no substantial right, on March 20, 1865, which prevented the state from agreeing to execute the trust created by the act, of May 5, 1864, pursuant in all things to its provisions, including the provision which declared the coterminous principle. The effect of the act of May 5, 1864, and of its acceptance by the state, so far as the Sugar River Valley Railroad Company, or its successor, was concerned, was to protect or withdraw the lands described in that act from any claim of that company on account of deficiency lands to which they might become entitled by actual construction of road, at a subsequent date, under the grant of June 3, 1856.

WISCONSIN RAILROAD FARM-MORTGAGE LAND COMPANY.

We will now consider the case of the Wisconsin Railroad Farm-Mortgage Land Company, which claims to be the successor of the La Crosse and Milwaukee Railroad Company as to all rights accruing upon the construction of the sixty-one miles of road between Portage and Tomah in the years 1857 and 1858.

It will be remembered that the La Crosse and Milwaukee Railroad Company, on the 10th of March, 1857, under authority conferred by the state, transferred to the St. Croix and Lake Superior Railroad Company the right to construct the original line north of St. Croix Lake or River, and such benefits and privileges as were connected with the grant contained in the 'act of June 3d, 1856. The indenture between the parties contained, as has been seen, an acknowledgment that the La Crosse and Milwaukee Railroad Company *then possessed* and did not surrender or release the right to select lands within fifteen miles of and more than six miles from the route of the roads north of the St. Croix River or Lake, to supply any deficiency which then existed or might thereafter exist in the quantity of lands, to which the La Crosse and Milwaukee Railroad Company was or might be entitled upon that part of its line extending from Madison to the St. Croix River or Lake. It does not appear that the state previously assented to, or contemplated, such an arrangement between the parties. But, waiving any consideration of its validity because of the absence of such assent, it is clear that the state, after its acceptance of the act of 1864, and before the date of its grants to the North Wisconsin Railroad Company, the Chicago and Northern Pacific Air-Line Railway Company, and Wisconsin Central Railway Company conferred upon the Wisconsin Railroad Farm-Mortgage Land Company the benefit of the reservation contained in the contract and indenture of March 10, 1857.

The purchasers at the decretal sale of the rights and interests

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conveyed by the mortgage to Bronson and others, by apt and sufficient words, conveyed and transferred to the Milwaukee and St. Paul Railroad Company before the passage of the act of May 5th, 1864. Although that company necessarily took, subject to the right of appeal and revocation, reserved to the state in the charter of the La Crosse and Milwaukee Railroad Company, and was, therefore, for the reasons already stated, in no position to object to the state's accepting and agreeing to execute the provisions of the act of May 5th, 1864 — the state not having previously assented to the contract and reservation contained in the indenture of March 10, 1857 — we find that as early as the year 1868, the state agreed that the farm-mortgagors might have the benefit of any claim to the lands donated by Congress which the Milwaukee and St. Paul Railroad Company had acquired as the successor of the La Crosse and Milwaukee Railroad Company, on account of the construction of the road from Portage to Tomah. If, without the consent of Congress, no such claim was maintainable under the act of June 3, 1856, nevertheless, in 1868, Congress authorized the legislature to dispose of the lands granted, and which might have accrued and been certified to the state, under the act of June 3d, 1856, to aid in the construction of the road from Madison or Columbus via Portage to St. Croix River or Lake, for the benefit of the Wisconsin Railroad Farm-Mortgage Land Company. We also find that the legislature of Wisconsin, by an act approved March 23, 1872, declared the Wisconsin Railroad Farm-Mortgage Land Company to be the legal successor (as to the rights acquired and conferred in and to a portion of the lands granted by Congress to the state of Wisconsin, by an act approved June 3, 1856), of the La Crosse and Milwaukee Railroad Company, as *fixed and reserved in and by the contract entered into by and between the La Crosse and Milwaukee Railroad Company and the St. Croix and Lake Superior Railroad Company, executed March 10, 1857, and duly filed in the office of the Secretary of State of Wisconsin.*

The act directed the governor to carry out the provisions of that contract and convey to the Wisconsin Railroad Farm-Mortgage Land Company, out of the lands granted by the act of June 3, 1856, such quantity of lands as had been or thereafter might be made applicable thereto, as should make, together with the lands theretofore conveyed to that company, the exact number of six sections for each mile of the railroad constructed by the La Crosse & Milwaukee Railroad Company from Portage to Tomah, a distance of sixty-one miles. At the same time, or on the day previous, the acts conferring the grants of June 3, 1856, and May 5, 1864, upon the St. Croix & Lake Superior Railroad Company were repealed, but with the proviso that nothing therein should be construed to impair the rights of the Wisconsin Railroad Farm-Mortgage Land Company to the grant of June 3, 1856. Congress and the state

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seem to have concurred in desiring to provide full compensation, in lands, to the Farm-Mortgage Company for the sixty-one miles of road constructed and in use long prior to 1864. Such was the unfulfilled engagement of the state to that company when, in 1874, to the North Wisconsin Railway Company and the Chicago & Northern Pacific Air-Line Railway Company was granted the right, title and interest which the state then had or might thereafter acquire in the lands granted by the acts of June 3, 1856, and May 5, 1864, to aid in the construction of the roads north of St. Croix River or Lake. The two companies, it is clear, took their grants with the knowledge that the state had, by a previous act, directed the governor to execute the contract of March 10, 1857, which expressly recognized the right of the La Crosse & Milwaukee Railroad Company to supply any deficiency south of St. Croix River or Lake out of lands north of that river or lake.

It seems to me, therefore, that recognizing the right of the State to accept the grant of May 5, 1864, without doing violence to the then existing rights of any of these companies, or of their predecessors, it yet became bound by its subsequent ratification of the contract of March 10, 1857, before the date of the grants to the North Wisconsin Railroad Company, and the Chicago and Northern Pacific Air Line Railway Company, to grant to the Wisconsin Railroad Farm-Mortgage Land Company, out of the lands north of St. Croix River or Lake, a quantity sufficient to satisfy its claim for the construction by its recognized predecessor of the sixty-one miles of road between Portage and Tomah. The claim of the Wisconsin Railroad Farm-Mortgage Land Company related to road constructed south of Tomah, and neither that company or its predecessor were required to accept the provisions of the act of 1864. That part of the line described in the original act was not embraced by or referred to in that act, for the reason doubtless, that it had in fact been constructed before its passage. It was, therefore, left under the operation of the act of June 3, 1856. And even if that act did not require deficiency lands to be selected upon the coterminous principle, it was competent for the state in view of the action of Congress, after accepting the act of 1864, and before conferring the grant therein contained upon the North Wisconsin and Chicago and Northern Pacific Air-Line Railway Company, to allow the Farm Mortgage Land Company to select the deficiency lands, earned by its predecessor for constructed road, out of such of the lands north of St. Croix Lake or River as were embraced in the indemnity limits prescribed by the act of June 3, 1856. This it did by an express approval in 1872 of the contract of May 10, 1857, and by requiring the governor to carry into effect.

I am of opinion that the right thus recognized by the state should be enforced. But in giving effect to the claim of the Wisconsin Railroad Farm-Mortgage Land Company, it is not necessary, I

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think, to disturb the location of lands already made by the North Wisconsin Railroad Company. Upon this particular point, however, no final decision is now made. The Farm-Mortgage Company was not entitled to any specific sections of land, and its claim can doubtless be satisfied without disregarding the selection or location of lands by the North Wisconsin Railroad Company for road constructed. But, in this respect, the rights of those two companies can be more satisfactorily determined after a report by the master, to be hereafter made. And until the coming in of that report, the court also reserves for determination the right of the several parties other than the West Wisconsin Railroad Company and the Madison and Portage Railroad Company in the fund spoken of in argument as the trespass fund.

Some question has been made as to the precise extent of the grant under the two acts of Congress. We understand that it covers six sections in width on each side of the line, in the one case, and ten sections in the other, of lands in place, as they existed on the ground, so that if any of these sections were fractional, or, from any cause, were not full sections, the state could not make up the deficiency from lands in the indemnity limits, because, as to the lands in place, the act operates directly by specific description; but, when there was not land in place to meet the call of the grants, whether the deficiency was more or less, it was competent to supply it by sections from the indemnity limits. Or, if, as might happen, there were parts of sections of the lands in place excluded from the grants by the terms of the acts, it was competent to supply the deficiency from the indemnity limits by a similar legal subdivision of the land. It would seem to be impracticable to administer the trust on any other basis. In supplying deficiencies, it must be by sections, whether full or fractional, and by legal subdivisions. Deficiencies in place limits, caused by sales or pre-emptions previous to the location of routes, whether before or after the passage of the acts, may be supplied from the indemnity limits.

Although the Wisconsin Central Railroad Company has filed no cross-bill, and has only presented its claims by answer, it may not be improper for us to express an opinion upon the effect of the grant in the act of 1864, when there is a conflict or overlapping* of lands granted to the different railroads as they approach Lake Superior, large quantities of land being thus granted by the act to different roads. These grants are made by the same law operating on the lands granted at the same time. The Wisconsin Central Railroad has completed its road to Ashland, on Lake Superior, a point not named in the act, but up to the present time, no road has been finished to Bayfield, or to the west end of Lake Superior, and, without the parties upon this question, we should be inclined to think that the different companies, as to all lands overlapping in the respective grants, must be considered tenants in common, without regard to priority of construction.

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I am not sure that I have touched upon every point in this complicated cause which is essential to the determination of the rights of parties. Nor am I quite sure that the recital of facts contained in this opinion is, in all respects, full and accurate. It would have been gratifying to me to have had more time than has transpired since the conclusion of the oral argument for the examination of the record and the consideration of the many difficult questions suggested by counsel. But the interest of parties seemed to require an early disposition of the cause, and I have not felt at liberty to postpone an announcement of my conclusions to such a time as would give me all the opportunity for careful deliberation which the large interests involved seemed to demand. I have been the more willing to pursue this course since counsel concurred in stating that the cause, however decided in this court, would be taken to the Supreme Court of the United States for final determination.

Upon the filing of this opinion in court, counsel will prepare an order dismissing the bill of complainant and the cross-bill of the West Wisconsin Railroad Company, and referring the cause to the special master with such directions as are consistent with this opinion and as will facilitate the final determination of all the remaining issues.

Third National Convention of Railroad Commissioners.

THIRD NATIONAL CONVENTION
OF
RAILROAD COMMISSIONERS.

The third general convention of the railroad commissioners of the several states, was called to order at the Clarendon Hotel, Saratoga Springs, N. Y., on Tuesday, June 10th, by Commissioner Briggs, of Massachusetts, chairman of the executive committee, who read the resolution passed at the Columbus convention in 1878, under which this meeting is held.

On motion of Commissioner Adams, of Massachusetts, Commissioner Williams of Michigan, was appointed chairman, and on motion of Commissioner Woodruff of Connecticut the secretaries of the state commissions present were appointed secretaries of the convention. The only secretary present was George T. Utley of the Connecticut board.

On motion of Mr. Adams the chair was requested to appoint a committee of three to ascertain and report at the afternoon session upon the order of new business, if any.

The chair appointed as such committee, Messrs. Adams of Massachusetts, Bonham of South Carolina, and Turner, of Wisconsin.

On motion of Commissioner Adams, adjourned until 4 P. M.

AFTERNOON SESSION.

On re-assembling in the afternoon, the roll of states was called, and the following commissioners were reported in attendance:

Connecticut — George M. Woodruff, John W. Bacon.

Illinois — George M. Bogue, John H. Oberly.

Massachusetts — C. F. Adams, Jr., A. D. Briggs, E. W. Kinsley.

Michigan — W. B. Williams.

Missouri — James Harding.

New Hampshire — Granville P. Conn, David E. Willard, Wm. A. Price.

South Carolina — M. L. Bonham.

Virginia — Thomas H. Carter.

Wisconsin — A. J. Turner.

In addition to the above commissioners, the following gentlemen

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were present: George T. Utley, secretary of the Connecticut board; Joseph H. Goodspeed, accountant of the Massachusetts board; S. F. Cook, deputy commissioner of Michigan; George E. Towne of Boston, Auditor of the Boston, Clinton, Fitchburg & New Bedford Railroad of Mass., and C. P. Leland of Cleveland, Auditor of the Lake Shore & Michigan Southern Railway.

On motion of Mr. Woodruff, the reports of committees appointed at the Columbus convention were deferred until Wednesday's session, owing to the non-attendance of several commissioners who were expected on later trains.

The special committee on the order of new business, through Mr. Adams, made the following report:

The committee appointed to consider the order in which business shall be conducted by the convention, and what new business, if any, should be brought before it, beg leave to report:

"After due consideration, they see no benefit likely to ensue from the discussion by this convention, or by committees appointed by it, of abstract questions relating to railroads, or of matters connected with our duties as commissioners, except where unity of action or legislation, or a similarity in policy among the several states is clearly desirable, and cannot otherwise be brought about. It seems, indeed, to your committee, very essential that the discussions and action of the convention should be strictly confined to practical questions of this character. These questions are obviously few in number, and as far as your committee are advised, they have been brought to the notice of the convention at its previous sessions, and have been referred to committees, which, it is understood, are now ready to report upon them. Under these circumstances your committee have to report that they are aware of no new business requiring the appointment of additional committees. We would therefore recommend that the convention proceed at once to the consideration of the reports of the committees appointed at its Columbus session, and after the same have been disposed of, unless other matters should be brought forward by individual commissioners, upon which action is desired, that an adjournment be had, subject to the call of an executive committee, either upon its own motion, or at the request of any State commissioner."

A vote to that effect is accordingly submitted :

Voted, That the present executive committee be continued with the same power for calling future conventions which were conferred upon it by the vote of the convention at its session of November 12th, 1878; and the records of this and previous sessions, certified by the chairman and secretaries thereof, be placed in their hands for safe keeping.

Voted, That said executive committee have authority to fill any vacancies which may occur in their number.

The report of the committee was accepted and adopted, and the resolutions passed.

Third National Convention of Railroad Commissioners.

On motion of Commissioner Bonham, the convention adjourned till 10 A. M. Wednesday.

WEDNESDAY'S SESSION.

The first business in order, was the report on a uniform system of accounts and returns. Commissioner Woodruff, chairman of the committee on that subject, presented the following report:

The undersigned, in behalf of the committee on book-keeping and accounts, appointed at the convention held at Columbus, Ohio, on the 12th of November, 1878, and of the railroad accountants who were requested to act with said committee, respectfully report:

That in pursuance of their instructions to prepare a uniform system of accounts and returns, this committee first issued a schedule for the consideration and criticism of those interested in the subject, and on the 24th of April last met in New York, with Messrs. Ireland of Ohio, Shinn of Pennsylvania, Wilbur and Towne of Boston, railroad accountants, where a large number of communications from representative accountants were considered, and certain rules and a form of returns agreed upon, which, as finally amended and adopted at an adjourned meeting, held on the 10th inst., are herewith submitted, viz.:

RULES, ETC.

I. All liabilities (including interest accrued on funded debt) shall be entered upon the books in the month when they are incurred, without reference to date of payment.

II. Expenses shall be charged each month with such supplies, materials, etc., as has been *used* during that month, without reference to the time when they were purchased or paid for.

III. No expenditure shall be charged to property accounts, except it be for actual increase in construction, equipments, or other property, unless it is made on old work in such a way as to clearly increase the value of the property over and above the cost of renewing the original structures, etc. In such cases, only the amount of increased cost shall be charged, and the amount allowed on account of the old work shall be stated.

IV. Mileage of passenger and freight trains shall include only the miles shown to be run by distances between stations; allowances made to passenger or freight trains for switching, and all mileage of switching engines computed on a basis of eight miles per hour for the time of actual service, shall be stated separately.

V. Season-ticket passengers shall be computed on the basis of twelve (12) passengers per week for the time of each ticket.

VI. Local traffic shall include all passengers carried on local tickets, and all freight carried at local tariff or special local rates. All other traffic shall be considered through.

Third National Convention of Railroad Commissioners.

GENERAL EXHIBIT.

Total income,	-	-	-	-	-
Total expense, including taxes,	-	-	-	-	-
Net income,	-	-	-	-	-
Interest on funded debt,	-	-	-	-	-
Interest on unfunded debt,	-	-	-	-	-
Rentals,	-	-	-	-	-
Balance applicable to dividends,	-	-	-	-	-
Dividends declared (per cent.),	-	-	-	-	-
Balance for the year,	-	-	-	-	-
Balance (profit and loss) last year,	-	-	-	-	-
Add or deduct various entries made during the year not included above (specifying same),					
Balance (profit and loss) carried forward to next year,					

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

Construction and equipment (specifying same),	-
Other charges (specifying same),	-
Total charges,	-
Property sold or reduced in value (specifying same),	-
Net addition (or reduction) for the year,	-

ANALYSIS OF EARNINGS AND EXPENSES.

Earnings:

From local passengers,	-	-	-	-
Through passengers,	-	-	-	-
Express and extra baggage,	-	-	-	-
Mails,	-	-	-	-
Other sources, passenger department,	-	-	-	-
Total earnings passenger department,	-	-	-	-
Local freight,	-	-	-	-
Through freight,	-	-	-	-
Other sources, freight department,	-	-	-	-
Total earnings, freight department,	-	-	-	-
Total transportation earnings,	-	-	-	-
Rents for use of road,	-	-	-	-
Income from others sources (specifying same)	-	-	-	-
Total income from all sources,	-	-	-	-

Expenses:

Salaries, general officers and clerks,	-	-
Law expenses,	-	-
Insurance,	-	-
Stationery and printing,	-	-
Outside agencies and advertising,]	-	-

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Contingencies,	-	-	-	-	-
Repairs, bridges (including culverts and cattle guards)	-	-	-	-	-
Repairs, buildings,	-	-	-	-	-
Repairs, fences, road-crossings, and signs,	-	-	-	-	-
Renewal rails,	-	-	-	-	-
Renewal ties,	-	-	-	-	-
Repairs, roadway and track,	-	-	-	-	-
Repairs, locomotives,	-	-	-	-	-
Fuel for locomotives,	-	-	-	-	-
Water supply,	-	-	-	-	-
Oil and waste,	-	-	-	-	-
Locomotive service,	-	-	-	-	-
Repairs, passenger cars,	-	-	-	-	-
Passenger train service,	-	-	-	-	-
Passenger train supplies,	-	-	-	-	-
Mileage, passenger cars (debit balance)	-	-	-	-	-
Repairs, freight cars,	-	-	-	-	-
Freight train service,	-	-	-	-	-
Freight train supplies,	-	-	-	-	-
Mileage, freight cars (debit balance)	-	-	-	-	-
Telegraph expenses (maintenance and operating)	-	-	-	-	-
Damage and loss of freight and baggage,	-	-	-	-	-
Damage to property and cattle,	-	-	-	-	-
Personal injuries,	-	-	-	-	-
Agents and station service,	-	-	-	-	-
Station supplies	-	-	-	-	-
Total operating expenses,	-	-	-	-	-
Taxes,	-	-	-	-	-
Total operating expenses and taxes,	-	-	-	-	-

ASSETS AND LIABILITIES.

Assets.

Construction account,	-	-	-	-	-
Equipment account,	-	-	-	-	-
Other investments (specifying same),	-	-	-	-	-
Cash items:					
Cash,	-	-	-	-	-
Bills receivable,	-	-	-	-	-
Due from agents and companies,	-	-	-	-	-
Other assets:					
Materials and supplies,	-	-	-	-	-
Sinking funds,	-	-	-	-	-
Debit balances,	-	-	-	-	-
Total assets,	-	-	-	-	-

Liabilities:

Capital stock,	-	-	-	-	-
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Third National Convention of Railroad Commissioners.

Funded debt, - - - - -		
Unfunded debt, as follows:		
Interest unpaid, - - - - -		
Dividends unpaid, - - - - -		
Notes payable, - - - - -		
Vouchers and accounts, - - - - -		
Other liabilities, - - - - -		
Profit and loss or income accounts, - - - - -		
Total liabilities, - - - - -		

PRESENT OR CONTINGENT LIABILITIES NOT INCLUDED IN BALANCE-SHEET.

Bonds guaranteed by this company or a lien on its road (specifying same).		
Over-due interest on same, - - - - -		
Other liabilities (specifying same), - - - - -		

MILEAGE, TRAFFIC, ETC.

Mileage, passenger trains, - - - - -		
Freight trains, - - - - -		
Switching trains* - - - - -		
Other trains, - - - - -		
Total train mileage, - - - - -		
Miles run by passenger, mail, and baggage cars (north or east) † - - - - -		
Miles run by passenger, mail, and baggage cars (south or west) † - - - - -		
Miles run by freight cars (north or east) † - - - - -		
Miles run by freight cars (south or west) † - - - - -		
Number of season-ticket passengers, - - - - -		
Number of local passengers (including season)		
Number of through passengers, - - - - -		
Total number of passengers carried, - - - - -		
Mileage of local passengers (north or east) † - - - - -		
Mileage of local passengers (south or west) † - - - - -		
Mileage of through passengers (north or east) † - - - - -		
Mileage of through passengers (south or west) - - - - -		
Total passenger mileage, - - - - -		

* If any allowance is made to passenger or freight trains for switching, state the amount allowed to each here. Passenger trains, ——— miles. Freight trains, ——— miles.

† This division is not compulsory, and need only be given by companies so keeping their accounts.

Third National Convention of Railroad Commissioners.

Number tons local freight carried, - - - -	
Number tons through freight carried, - . - -	
Total tons freight carried, - - - -	=====
Mileage of local tonnage (north or east), † - - -	
Mileage of local tonnage (south or west), - - -	
Mileage of through tonnage (north or east), † - -	
Mileage of through tonnage (south or west), - - -	
Total freight mileage, - - - -	=====
Average weight of passenger trains, - - - -	
Average number of cars in passenger trains, - - -	
Average weight of freight trains, - - - -	
Average number of cars in train. - - - -	
Average number of persons employed, - - - -	
Length of road branches, sidings, etc., - - - -	
Names of officers and directors, - - - -	
Corporate name of company, - - - -	

SARATOGA, *June 11, 1879.*

Signed, GEORGE M. WOODRUFF, of Connecticut,
 A. J. TURNER, of Wisconsin,
 GEORGE M. BOGUE, of Illinois,
 THOMAS H. CARTER, of Virginia,
Committee.
 C. P. LELAND,
 GEORGE E. TOWNE,
Accountants.

J. H. GOODSPEED, *Secretary.*

At this stage of the proceedings communications were received and read from Commissioners J. S. Marmaduke of Missouri, Wm. Bell, Jr., of Ohio, and W. R. Marshall of Minnesota, expressing their interest in the convention, and regretting their inability to attend this session.

The convention then resumed the consideration of the report just presented.

Mr. Adams said he supposed it was understood that the form presented was to serve as a basis for state reports, to which each state might add as they found desirable.

Mr. Woodruff replied, it was so understood, and the object was to find a form which could be complied with throughout the whole country. The different state laws required other particulars which would not change the character of the returns under the proposed form.

Third National Convention of Railroad Commissioners.

Mr. Williams asked if the committee took into consideration the expense of moving loaded and unloaded cars, to which Mr. Woodruff replied they did not particularly.

Mr. Adams said that that information could be furnished whenever the commissioners of any state should call for it, as it was optional with them.

As a matter of information, Mr. Leland said that on the Lake Shore road, the average freight trains consisted of forty cars, of which 70 per cent. were loaded, and 75 per cent. of the freight moves eastward.

In answer to Mr. Williams, Mr. Woodruff replied that in Connecticut the movement of freight was mostly northward.

Mr. Williams said the form showed a division of expense between repairs of passenger and freight cars, but not for locomotives.

Mr. Goodspeed said it was not possible to obtain that information, to which Mr. Towne replied, that the mileage of the locomotives would enable one to obtain the information.

Mr. Leland thought his experience for ten years, in making out reports for six states, would justify him in believing that the form proposed would be satisfactory in nearly every state.

Mr. Adams asked if the committee had reason to suppose the railroad accountants present in New York would join in recommending this form for adoption.

Mr. Goodspeed replied that all but one of them had already agreed to it.

Mr. Towne said this form would give the important information of the expense of moving trains, information which has never yet been given by any railroad report. It touches a class of questions continually coming before the commissioners, and would give them an opportunity to dispute any mistatement which might be made.

On motion of Mr. Oberly, the report of the committee was unanimously accepted and adopted.

Mr. Adams, on behalf of the committee on the order of new business, offered the following resolution:

WHEREAS, It is an essential feature in any system of uniformity in accounts and returns of railroad corporations, that the returns made to the several states should be made at the same date and for the same period; therefore,

Voted, That, in the opinion of this convention, the 30th day of June is the most generally convenient date for the closing the yearly accounts of railroad corporations, and that it is hereby recommended for general adoption in all the states.

Voted, That the present committee on accounts be appointed to prepare a memorial on this subject, to be presented on behalf of this convention, to the legislature of the several states at their next sessions, and that, as Commissioners, we will use our best endeavors to secure a favorable consideration of the same.

Mr. Leland, speaking for the railroad companies, said the calen-

Third National Convention of Railroad Commissioners.

dar year ending 31st of December was the most convenient, but if any change was to be made, the 30th of June would be the most satisfactory.

Mr. Adams said if the 30th of June was adopted, the commissioners would be able to have the reports in print and ready for distribution at the opening day of the various legislatures, which would be very acceptable over the plan now of necessity pursued.

Mr. Williams said the 31st day of December is the date adopted in Michigan, and some of the companies there had but just entered into that arrangement for their fiscal year. The assessment of the taxes of the roads is made in June, on the reports made for the year ending 31st of December, and for that reason he thought the 30th of June would not meet with a favorable reception in Michigan.

Gen. Bonham exhibited the form now in use in South Carolina, which was very meager, and stated, the companies they are required to make their report on 31st of October, and as the legislature meets the fourth Monday in November, they should need more time if the proposed form was adopted. He favored the 30th of June.

After further discussion, in which that date was favored by Commissioners Carter, Oberly, Woodruff, and Bogue, the resolutions were adopted.

Commissioner Turner offered the following resolutions, which were unanimously adopted:

Voted, That the thanks of this convention be tendered to the several railroad accountants, who have attended the meetings of the committee and this convention, and assisted us by their experience and council in preparing a form for a uniform system of accounts and returns.

Voted, That said accountants be invited to join in a recommendation of the new form to the railroad companies of the several states with the request that they keep their accounts in the manner prescribed, that they may be able to give the information contemplated by said form, adopted by this convention.

Mr. Adams, in behalf of the committee on taxation of railroads and railroad securities, presented the following report:

The committee appointed at the last convention of commissioners to examine into and report the methods of taxation, as respects railroads and railroad securities now in use in the various states of the Union, as well as in foreign countries, and further to report a plan for an equitable and uniform system for such taxation, at the next meeting of this convention, present the following preliminary report:

Shortly after the last convention of commissioners, your committee issued a circular and accompanying interrogatories, which were sent to all the state executives, and to a large number of the leading railroad corporations of the country. Through the courtesy of the State Department at Washington, the representatives of the

Third National Convention of Railroad Commissioners.

national government at the principal capitals in Europe were also called upon for information on the railway tax systems there in use. As a result, some sixty answers were, in all, received, covering the various states of the Union, Canada, England, Belgium, Holland, Germany, Russia, Switzerland, and Austro-Hungary. An answer is still to be received from France. The information contained in these answers is much of it of great value, presenting a large body of facts bearing directly on a subject of general interest. Your committee therefore now present merely a preliminary report, giving the general results of their inquiry and the conclusions they have deduced from them, reserving a more elaborate presentation of the subject for another time.

As respects the systems of railroad taxation now in use, the answers received by your committee show very conclusively that they are more varied than had been anticipated, or than would be supposed to be possible. It may be said that there is no one principle running through the various systems described; and further, that there is no method of taxation possible to be devised which is not at this time applied to railroad property in some part of this country. So far as those now well recognized principles which should be at the basis of all systems of taxation are concerned, they would as a rule seem to have been utterly ignored. In two adjoining states, for instance, with roads belonging to one company operating in both, will be found on one side of the line a system simple, direct, equitable, imposing a moderate and fixed burden from which there is no escape, while on the other side of the line, the whole subject is still involved in that original crudeness, with guess-work for its only basis, which marks all those patch-work systems of taxation which have been improvised since 1835 to meet the growing needs of state and local treasuries, without any regard to principle or study of the subject, on the theory, popular but fallacious, that any one knows enough to impose taxes. In certain states, the railroads are apparently looked upon as a species of wind-fall from which everything which can be exacted in the way of taxation is so much pure gain. In other states they escape with very slight and wholly disproportionate burdens. The franchise tax, the gross and net earnings tax, the personal property tax, the realty tax, are all met with indiscriminately; applied sometimes by local boards, sometimes by boards of state equalization, but almost invariably in utter disregard of any principle. A more striking, and in some respects discouraging example of general confusion as regards an important matter of fiscal legislation could hardly be imagined. This will more clearly appear from the condensed statement of the several systems now in use, which the committee propose to incorporate in their complete report.

The conclusions reached by this committee as the result of their investigations can be very briefly stated. The requisites of a correct system of railroad, as of other taxation is, that it should, in so

Third National Convention of Railroad Commissioners.

far as it is possible, be simple, fixed, proportionate, easily ascertainable and susceptible of ready levy. Very few of the systems now in use were found to have any of these features. So far from being fixed, they are most of them extremely arbitrary and fluctuating. Neither are they proportionate, as in some cases the measure of valuation is the market price of securities; in others, the arbitrary estimates of appraisers; in yet others, gross receipts; and in others, local assessment. That the tax should be almost impossible of ascertainment under these circumstances does not need to be said. As to being susceptible of ready levy, any tax assessed on and paid by the railroad corporation must be that, but it would appear that a large portion of the taxes now levied must either be evaded or else are in the nature of double taxation, for the securities on which they are levied are in the eye of the law personal property, assessable at the residence of the owner. Local taxes paid by the corporation in one state do not affect these securities if held in another, and they are thus subject to an additional levy, the amount of which must depend upon the honesty of the holder of property or the astuteness of local tax gatherers. The conclusion at which your committee arrived was that all the requisites of a sound system were found in taxes on real property and on gross receipts, and in no others, — in fact that when these were properly imposed no other taxes were or could be necessary, as nothing would escape untaxed. Under this system the real estate of the railroad corporations held for corporate uses outside of their right of way would be locally assessed exactly in the same way as the real estate of private persons or of other corporations adjoining it was assessed. There would be no distinction made in regard to it. It is the ordinary tax on real property. Beyond that a certain fixed per centage, established by law and of general application should be assessed on the entire gross earnings of the corporations, and this should be in lieu of all forms of taxation on what is known as personal property. Under this system the rolling stock of the corporation would not be assessable in its own hands, nor its securities, whether stock or bonds, either indirectly through the corporation or directly in the hands of those owning them. The entire burden, be the same more or less, would be imposed in one lump on the corporation and levied directly. It does not need to be pointed out that this system is perfectly simple; that under it taxation is fixed by a general law and not by local valuations; that it is thoroughly proportionate, inasmuch as the amount levied depends on the amount of gross receipts; finally, it can be ascertained by any one, and it can by no possibility be evaded.

The apportionment of a levy on gross receipts among the several states through which a single railroad may run, is in this country undoubtedly attended with much difficulty, and the committee have given careful consideration to the subject. The conclusion at which they have arrived is that it should be made a matter of

Third National Convention of Railroad Commissioners.

mutual understanding among the states, and that, as the levies had to be independent, they should be apportioned according to mileage. That is, the real property of the corporations being assessed where situate — the terminal grounds at New York and Chicago at those points and on the basis of valuation there in use, and other grounds also where located and at the valuations, whether business or agricultural, of those locations — the realty being thus disposed of, the entire gross earnings of the corporations should be subject to assessment by each state through which its road might run in the proportion which the miles of road in that state bear to its whole number of miles. The percentage of the levy would then be greater or smaller, according to the law of the state, but the proportion of the whole amount upon which the levy was to be made would be fixed, and always easy of ascertainment.

The disposition to be made of the tax thus levied when paid into the hands of the state authorities — whether it should be retained in the state treasury or distributed among localities, either those through which the road might run, or those in which the holders of its securities resided — would be matter for adjustment by legislation. The disposition to be made of a tax in no way affects the question of the proper mode of levying it. In their full report, however, the committee will present the methods now in use on this subject, and offer some suggestions as to any improvements which might be made in them.

Finally, the committee will say that of all the systems of taxation examined by them, those in use in England, among the countries of Europe, and in Michigan and Wisconsin, among the states of the Union, seem to them most intelligent and in conformity with correct principles. The Michigan and Wisconsin systems would seem to be especially commendable. The systems in use in many of the older states, on the contrary, and notably in the states of Massachusetts, New York, Pennsylvania and Ohio, are very cumbersome and present hardly any features worthy of study or imitation. The subject is one which evidently has in this country received very little mature consideration. It is one also which, in view of the influence and direct interest of the railroad corporations, ought not to be difficult of adjustment on correct principles. To such an adjustment your committee have hopes that the more elaborate report they now have in preparation, and of which the points only are here submitted, will materially contribute. They would, therefore, ask that the conclusions thus generally stated may be accepted by the convention, and that permission be given them to report hereafter more at length and in print.

C. F. ADAMS, JR.,
W. B. WILLIAMS,
J. H. OBERLY,

Committee.

Third National Convention of Railroad Commissioners.

On motion of Mr. Bogue the report was accepted and, at its request, the committee was given time to make a detailed report, which Mr. Adams said he would try to have printed by November 1st.

On motion of Mr. Oberly the Commissioner of Michigan was appointed a committee to print in pamphlet form the proceedings of the conventions of 1875, 1878, and 1879 — the number to be furnished each commission to be determined by the action of each.

The secretary was instructed by vote to furnish a copy of the proceedings of this convention to each of the railroad journals of the country.

Adjourned till 4 P. M. to await the arrival by mail of a report from Commissioner Marmaduke of Missouri, on "The true status of the railroad corporation in the body politic," but on reassembling at 4:50 P. M., the document had not been received, and it was voted that when received it be delivered to the executive committee subject to the order of Gen. Marmaduke.

Adjourned to meet again at the call of the executive committee Commissioners A. D. Briggs of Massachusetts, James Harding of Missouri, and Wm. Bell, Jr. of Ohio.

(Attest.)

W. B. WILLIAMS, *Chairman,*
GEORGE T. UTLEY, *Secretary.*

HARTFORD, June 14, 1879.

Following is the draft of law recommended by the committee:

DRAFT OF LAW.

SEC. I. Every corporation, person or association owning or operating any railroad or any portion thereof in this state shall on or before the — day of — in each year pay to the State Treasurer an annual tax upon the gross receipts of said railroad, computed in the following manner, viz.: Upon all gross receipts not exceeding — thousand dollars in amount per mile of road actually operated, — per cent. of such gross earnings; upon such gross receipts in excess of — thousand dollars per mile so operated, — per cent. thereof, which shall be in lieu of all other taxes upon the property, capital stock or evidences of indebtedness of such corporations, except such real estate as lies outside of the location for a right of way exclusively, not exceeding — rods in width.

SEC. II. The real estate lying outside of such location, shall be liable to taxation in the same manner as other real estate in the same place.

SEC. III. When a railroad lies partly within and partly without this state, there shall be paid into the state treasury such proportion of the tax imposed by the first section of this act, as the length of its operated road in this state bears to the whole length thereof.

Memorial.

MEMORIAL

LOOKING TO UNIFORM RAILROAD BOOK-KEEPING AND OFFICIAL RETURNS.

To the Legislatures of the various States of the Union:

GENTLEMEN — At a meeting of Railroad Commissioners held at Columbus, Ohio, on the 12th day of November, 1878, it was voted that a committee of five be appointed to mature a form of returns and system of uniform railroad book-keeping, so far as the same is practicable, and that the said committee be instructed to invite the co-operation of the leading railroad accountants of the country in the performance of this duty, and that they report at the next meeting of this convention. This was the first general attempt to unite in this work the authority requiring such returns and the corporations by whom they were to be made, and the universal approval with which it was received was alike an indorsement of its correctness and a guaranty of its success. The committee and accountants prepared a schedule, which, while calling for nothing more than any railroad company ought to be able easily to furnish, will enable any one, whether investor, student, or legislator, to determine for himself many of those matters which are essential to intelligent action.

This schedule was approved at the meeting of the commissioners holden at Saratoga, on the 10th of June last, as the basis upon which the returns in all the states should be made. It was, however, the general sentiment of the convention that the advantages of agreement in the *form* of the returns would be but partially realized, unless uniformity in the *time* of making them was also secured; and after full discussion it was voted: "That in the opinion of this convention, the 30th of June is the most generally convenient date for closing the yearly accounts of railroad corporations, and it is hereby recommended for adoption in all the states." It was also voted: "That the present committee on accounts be appointed to prepare a memorial on this subject, to be presented, on behalf of this convention to the legislatures of the several states, at their next sessions, and that, as commissioners, we will use our best endeavors to secure a favorable consideration of the same."

The expression of the convention we believe to be the universal

Memorial.

sentiment of those interested in the subject in any capacity. To require that the railroad companies make their returns at a uniform time and in a uniform manner, we believe to be the most important step toward acquiring correct and exact information in regard to this greatest material interest in our country.

In accordance therefore with the vote above quoted we, as the committee therein referred to, recommend the passage of such enactments as will fix the close of the fiscal year for railroad corporations on the 30th of June.

GEO. M. WOODRUFF,
Of Connecticut.

GEO. M. BOGUE,
Of Illinois.

THOS. H. CARTER,
Of Virginia.

M. C. WOODRUFF,
Of Iowa.

A. J. TURNER,
Of Wisconsin.

Committee.

DATED Nov. 1, 1879.

ANNUAL REPORT
OF THE
BOARD OF REGENTS
OF THE
UNIVERSITY OF WISCONSIN
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:
DAVID ATWOOD, STATE PRINTER.
1879.

BOARD OF REGENTS.

STATE SUPERINTENDENT OF PUBLIC INSTRUCTION,
Ex-officio Regent.

Life Member	C. C. WASHBURN.....	Madison.
<i>Term expires first Monday in February, 1880.</i>		
State at Large.....	E. W. KEYES.....	Madison.
1st Congressional District.....	J. B. CASSODAY.....	Janesville.
3d.....do.....	W. E. CARTER.....	Platteville.
6th.....do.....	L. B. SALE	Green Bay.
<i>Term expires first Monday in February, 1881.</i>		
7th Congressional District.....	T. D. STEELE.....	Sparta.
5th.....do.....	HIRAM SMITH	Sheboygan Falls.
2d.....do.....	J. C. GREGORY	Madison.
4th.....do.....	GEO. KOEPPEN	Milwaukee.
<i>Term expires first Monday in February, 1882.</i>		
State at Large.....	GEORGE H. PAUL	Milwaukee.
8th Congressional District	J. M. BINGHAM	Chippewa Falls.

OFFICERS OF THE BOARD.

C. C. WASHBURN,
PRESIDENT.

GEO. H. PAUL,
VICE PRESIDENT.

JOHN S. DEAN,
SECRETARY.

STATE TREASURER,
Ex-officio TREASURER.

EXECUTIVE COMMITTEE.

E. W. KEYES,	J. C. GREGORY,	GEORGE H. PAUL.
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FARM COMMITTEE.

HIRAM SMITH,	L. B. SALE,	E. W. KEYES.
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COMMITTEE ON LIBRARY, COURSE OF STUDY, AND TEXT-BOOKS.

W. C. WHITFORD,	T. D. STEELE,	GEORGE KOEPPEN.
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COMMITTEE ON LAW DEPARTMENT.

J. C. GREGORY,	J. B. CASSODAY,	W. E. CARTER.
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UNIVERSITY OF WISCONSIN.

ANNUAL REPORT OF THE BOARD OF REGENTS.

To His Excellency, WILLIAM E. SMITH,
Governor of Wisconsin:

Accompanying this report, will be found the annual report of the Secretary and Treasurer of the University, together with the annual report of work by the President and Faculty, the report of the Board of Visitors, and the annual report of the Professor of Agriculture and Chemistry.

These reports are so full, and so completely cover all the interests of the University, as to call for little addition on my part.

The past year has been one of marked prosperity, both in the internal and external affairs of the University.

The proceeds of the one-tenth of a mill tax, so wisely granted by the legislature, have enabled the Regents of the University to construct Assembly Hall without asking for an especial appropriation for that end. This building promises great usefulness to the University. The library is put by it in its true position, and affords greatly increased facilities of instruction. The Assembly Room, by making it possible to gather together all members of the University, will strengthen its internal organization. It will also afford a very desirable room for lectures and all public exercises. The University will thus not only be stronger within itself, but will be put upon broader terms of communication with the outside world.

The machine shop has received very important accessions, during the year, among them one of Brown & Sharp's milling machines. It is now in a condition to give efficient instruction, and also to enter on important work for the University.

Mr. King is, at present, engaged in making a gramme machine,

University of Wisconsin.

which will be a very valuable addition to the philosophical apparatus.

The Astronomical Observatory is being furnished as rapidly as the nature of the work permits. A portion of its instruments are in place, and the remaining portions are in construction by the very best makers.

University Hall, in the outset poorly adapted to its work, has been completely outgrown by the increase of students. The recitation rooms need a thorough overhauling, if they are to meet ordinary demands of comfort and fitness. The Board of Regents will give its attention to this subject at its next meeting.

The reports of the Board of Visitors and of the President both indicate unusual interest in the matter of discipline. This feeling the Regents of the University share, and trust that, in the training of the students, a sound conscience will be added to a sound mind in a sound body. They are fully aware that only thus can young men and young women be brought forward into good citizens, fitted to give support and guidance to the commonwealth.

Without trespass on the entire religious freedom of any parent or student, they hope none the less to promote broad and sound morality.

The Board of Regents wish to express anew their sense of the liberality and wisdom with which the state, through its legislature, is dealing with the University, and also their purpose, to the best of their ability, to carry out the intention indicated by this action. Forgetful of every conflicting or distracting interest, they desire to unite in an earnest effort to put the best education within the reach of all the youth of the state, having entire confidence that a measure so humane and generous, will vindicate itself by correspondingly great results.

Respectfully submitted,

C. C. WASHBURN,

President of the Board of Regents.

MADISON, *October 1, 1879.*

Financial Condition.

FINANCIAL CONDITION.

ANNUAL REPORT OF THE SECRETARY OF THE BOARD
OF REGENTS.MADISON, *October 1, 1879.*

HON. C. C. WASHBURN,

President of the Board of Regents, University of Wisconsin:

SIR: I have the honor to report herewith the financial condition of the State University, exhibiting the amount of productive funds on hand and the receipts and disbursements of the income of the several funds, for the year ending September 30, 1879.

Your attention is called to the large amount of productive funds on hand as cash in the treasury, yielding no income to the University. By reason of the non-investment of such funds, our income, as compared with that for the fiscal year ending September 30, 1878, has diminished \$2,081.21. The unusually large amount of cash on hand at the close of the present fiscal year (\$42,060.82), seems to demand that some more adequate means be provided for the early investment of our funds, so that the University can receive all the benefit possible to be derived therefrom.

UNIVERSITY FUND.

This fund consists of the proceeds of the sales of land granted by acts of congress for the support of the University, approved June 12, 1838, August 6, 1846, and December 12, 1854. Most of this fund is productive, being invested mainly at seven per cent. interest. The amount of this fund laying idle in the treasury varies with each year; that unemployed at the close of the present fiscal year being \$5,812.60.

Financial Condition.

The cash receipts and disbursements during the year have been as follows:

RECEIPTS.		
Sales of land.....	\$164 21	.....
Dues on certificates	2,854 00	.....
Loans repaid.....	8,957 79	.....
Total	\$11,976 00	.....
DISBURSEMENTS.		
Loan to Shawano county		\$15,000 00
Refunded for overpayments.....		6 43
	\$11,976 00	\$15,006 43
Balance September 30, 1878.....	8,843 03	.....
Balance September 30, 1879.		5,812 60
Totals	\$20,819 03	\$20,819 03

The amounts of the productive University Fund on the 30th days of September, 1878 and 1879, were as follows:

	1878.	1879.
Due on certificates of sale.....	\$45,222 96	\$41,218 99
Due on loans.....	37,367 81	27,360 02
Certificates of indebtedness.....	111,000 00	111,000 00
Dane county bonds.....	14,500 00	14,500 00
Milwaukee city bonds.....	10,000 00	10,000 00
Loan to Shawano county		15,000 00
Total at interest	\$218,090 77	\$219,079 01
Cash on hand	8,843 03	5,812 60
Total	\$226,933 80	\$224,891 61

Decrease during the year..... \$2,042 19

AGRICULTURAL COLLEGE FUND.

This fund consists of the proceeds of the sales of 240,000 acres of land granted by act of congress, approved July 2, 1862, to the state, for the support of an institution of learning, where shall be

Financial Condition.

taught the principles of agriculture and the mechanic arts. Most of this fund is productive, being so invested as to draw 7 per cent. interest. The amount of this fund in the treasury waiting for investment, at the close of the present year, is \$36,248 22.

The cash receipts and disbursements during the year have been as follows:

RECEIPTS.			
Sales of land.....	\$6,049 83	.....
Dues on certificates	8,746 00	.....
Loans repaid	8,113 46	.....
Dane county bonds.....	1,500 00	.....
	\$24,409 29		
DISBURSEMENTS.			
Loan to city of New London			\$500 00
	\$24,409 29		\$500 00
Balance September 30, 1878	12,338 93		
Balance September 30, 1879.....			\$36,248 22
	\$36,748 22		\$36,748 22

The amounts of the productive Agricultural College Fund on the 30th days of September, 1878 and 1879, were as follows:

	1878.	1879.
Due on certificates of sale.....	\$147,204 40	\$140,659 70
Due on loans.....	30,958 78	22,711 32
Certificates of indebtedness.....	51,600 00	51,600 00
Dane county bonds	4,500 00	3,000 00
Milwaukee bonds	10,000 00	10,000 00
Loan to city of New London		500 00
Total at interest.....	\$244,263 18	\$228,471 02
Cash on hand	12,338 93	36,248 22
	\$256,602 11	\$264,719 24

Increase during the year..... \$8,117 13

Financial Condition.

SALE OF LANDS.

Sale of University Lands for fiscal year ending September 30, 1879:

<i>Counties.</i>	<i>No. of acres.</i>
Chippewa	80
Door	80
Eau Claire.....	40
Pierce	80
St Croix	40
Trempealeau.....	40
Total	<u>360</u>

Sale of Agricultural College Lands for the fiscal year ending September 30, 1879:

<i>Counties.</i>	<i>No. of acres.</i>
Chippewa	120.00
Clark	160.00
Dunn	80.00
Lincoln	2,926.08
New	2,200.00
Oconto	1,682.28
Polk	160.00
Shawano	917.46
Taylor.....	3,640.00
Total	<u>11,855.82</u>

UNSOLD LANDS.

The University lands unsold at the close of the fiscal year amount to 4,485.72 acres, and the Agricultural College lands unsold amount to 26,447.53 acres.

The University lands are sold from \$2 to \$3 per acre, and the Agricultural College lands at \$1.25 per acre, on ten years' time, twenty-five per cent. of the purchase money being required in cash, and the balance due drawing seven per cent. interest, payable annually in advance.

Financial Condition.

The lands are located as follows:

UNIVERSITY LANDS.	
<i>Counties.</i>	<i>No. of acres.</i>
Burnett	215.53
Chippewa	630.87
Clark	480.00
Crawford	157.42
Door	440.00
Eau Claire	890.00
Marathon	560.00
Pepin	196.90
Portage	784.96
Richland	40.00
Rock	2.00
Trempealeau	80.00
Winnebago	8.04
Total	<u>4,485.72</u>

AGRICULTURAL COLLEGE LANDS.

<i>Counties.</i>	<i>No. of acres.</i>
Chippewa	235.93
Clark	39.22
Lincoln	13,860.46
New	1,000.48
Oconto	480.00
Polk	4,233.60
Shawano	6,467.84
Taylor	80.00
Total	<u>26,447.53</u>

LEWIS MEDAL FUND.

This fund consists of a donation of \$200 made to the University by ex Gov. James T. Lewis, in the year 1866, for the purpose of distributing medals to such meritorious students as should become entitled thereto, in accordance with the standard of merit to be prescribed by the Regents and Faculty. As the fund was hardly sufficient to accomplish the object of the donor, it remained at interest, by direction of the Regents, until June 17, 1873, when, by resolution of the Board, the Treasurer was instructed to invest the principal and interest, amounting to \$300, in such interest-bearing securities as should seem to him most desirable. In accordance with his instructions, the Treasurer purchased United States bonds, bearing six per cent. gold interest, due in January and July, which

Financial Condition.

were held by him until they were redeemed by the Government. The fund is now loaned on bond, and mortgage of real estate as security, at eight per cent. interest per annum.

At the annual meeting in June, 1874 (with the consent of ex-Gov. Lewis), the Regents resolved "to give a prize of \$20 each year, at such time and under such regulations as the Faculty shall determine, to the under-graduate student who shall produce the best written essay; that the name of the prize shall be the 'Lewis Prize,' and that the name of the successful competitor of each year shall be published in the next issued catalogue of the University."

JOHNSON ENDOWMENT FUND.

This fund was created by the liberality of Hon. John A. Johnson, of Madison, Wis.

In a communication addressed to the President of the University, dated February 12, 1876, Mr. Johnson donated the sum of five thousand dollars (one-half to be paid to the treasurer of the University January 1, 1877, and one-half January 1, 1878), as a perpetual fund, "the annual income from which shall be devoted to aiding needy students at the University of Wisconsin, who have, previously to entering the University, attended the common school in the United States at least one year in the aggregate before fifteen years of age, and have attended the University at least one term; or, if they have not attended the common school as aforesaid, they must have attended the University at least one year."

"Until the year 1900, such students only as either read or speak (or both) any of the Scandinavian languages (Norse, Swedish, Danish or Icelandic) reasonably well, shall receive aid from this fund."

"No student shall receive more than fifty dollars in one year, nor shall more than two hundred dollars in the aggregate be given to any one student."

"The President, or acting President of the University, together with two of the professors that the President may designate, shall constitute a committee to distribute the aid to the students under the provisions of this bequest."

"All applications for aid must be made to said committee, who

Financial Condition.

are hereby authorized to make such rules in relation thereto as they deem proper."

"No distinction in sex shall be made by the committee in giving aid."

"It should be impressed upon the students who may apply for such aid, the duty of paying back to the fund, as soon as they may be fairly and reasonably able to do so, the full amount they may have received from it; the money thus paid back to be added to and treated as a part of the original fund."

In accordance with the terms of this donation, Mr. Johnson has turned over to the University, securities amounting to \$5,000, drawing ten per cent. interest, payable annually, which are now on deposit with the State Treasurer.

Financial Condition.

THE RECEIPTS AND DISBURSEMENTS

For the fiscal year ending September 30, 1879, were as follows:

RECEIPTS.		
Income from productive University Fund	\$14,476 58	.....
Income from productive Agricultural College Fund.....	15,830 55	.....
State tax, chapter 117, general laws of 1876.....	41,310 30	.....
From sale of Soldiers' Orphans' Home.....	4,700 00	.....
From students for tuition, heat, light, rent, etc ...	4,008 15	.....
From students for laboratory expenses	440 99	.....
From students for library fines.....	4 04	.....
From experimental farm, for sale of products, etc.	953 63	.....
From experimental farm, interest on lots sold.....	106 15	.....
From experimental farm, rent of brick house.....	164 00	.....
For interest on Lewis Medal Fund.....	1 84	.....
For interest on Johnson Endowment Fund	500 00	.....
From librarian, for duplicate books sold	7 50	.....
From sale of old iron, shed, catalogues, etc	29 44	.....
From Madison Manuf'g Co., overcharge refunded.	11 25	.....
	\$82,544 42	
DISBURSEMENTS.		
For salaries of instructional force.....		\$40,206 77
For expenses of regents.....		304 94
For insurance.....		1,510 25
For repairs		3,256 43
For incidental expenses		7,145 17
For fuel and light.....		4,278 67
For printing and advertising.....		833 81
For library		1,185 90
For furniture		1,335 22
For cabinet		138 10
For apparatus		1,418 86
For laboratory supplies		1,173 19
For improvements		3,062 52
For experimental farm		4,188 35
For Lewis prize.....		20 00
To needy students, from Johnson Endowment Fund		
Income.....		500 00
For assembly hall and library.....		23,788 64
		\$94,346 82
Total receipts and disbursements.....	\$82,544 42	\$94,346 82
Balance September 30, 1878.....	31,910 40	.....
Balance September 30, 1879.....		20,108 00
	\$114,454 82	\$114,454 82

Financial Condition.

The accounts audited and paid during the fiscal year ending September 30, 1879, are summarized as follows:

SALARIES OF INSTRUCTIONAL FORCE.		
John Bascom, president	\$3,500 00	.....
J. W. Sterling, vice-president.....	2,200 00	.....
Wm. F. Allen, professor.....	2,000 00	.....
S. H. Carpenter, professor	500 00	.....
Alexander Kerr, professor	2,000 00	.....
W. J. L. Nicodemus, professor	1,000 00	.....
J. B. Parkinson, professor	2,000 00	.....
John E. Davies, professor	2,000 00	.....
W. W. Daniells, professor	2,000 00	.....
R. D. Irving, professor	2,000 00	.....
D. E. Frankenberg, r, professor	2,289 48	.....
James C Watson, professor.....	500 00	.....
J. C. Freeman, professor.....	500 00	.....
W. H. Rosenstengel, professor.....	500 00	.....
E. A. Birge, professor	1,575 00	.....
Edward T. Owen, professor.....	1,475 00	.....
A. D. Conover, professor.....	1,450 00	.....
R. B. Anderson, professor.....	1,525 00	.....
James C. Watson, director of the observatory.....	375 00	.....
F. A. Parker, instructor in music	1,856 58	.....
Mrs. D. E. Carson, preceptress.....	250 00	.....
Miss S. A. Carver, instructor.....	750 00	.....
Miss Alice J. Craig, instructor.....	686 84	.....
G. Mühlhauser, instructor	894 73	.....
E. J. Nichols, instructor.....	536 84	.....
H. J. Taylor, instructor	536 84	.....
C. R. Vanhise, instructor	206 25	.....
W. E. Morgan, instructor.....	134 21	.....
F. N. Hendrix, instructor.....	360 00	.....
Ellen L. Chynoweth, instructor	390 00	.....
G. A. Balg, instructor	215 00	.....
J. C. Arthur, instructor	250 00	.....
Lucius Heritage, instructor.....	250 00	.....
W. H. Williams, instructor	250 00	.....
Storm Bull, instructor.....	150 00	.....
Elizabeth S. Spencer, instructor	50 00	.....
Alice F. Frisby, instructor.....	50 00	.....
Law Faculty appropriation.....	3,000 00	.....
		\$40,206 77
EXPENSES OF REGENTS.		
N. B. Van Slyke, expenses to Chicago.....	\$17 15	.....
J. C. Gregorv, expenses to Chicago.....	13 75	.....
J. B. Cassoday, expenses attending meetings	32 24	.....
Hiram Smith, expenses attending meetings.....	103 80	.....
T. B. Chynoweth, expenses attending meetings.....	24 00	.....
W. E. Carter, expenses attending meetings.....	33 50	.....
George Koeppen, expenses attending meetings.....	26 50	.....
L. B. Sale, expenses attending meetings.....	31 75	.....
Geo. H. Paul, expenses attending meetings.....	13 25	.....
A. Kentzler, livery	9 00	.....
		304 94

Financial Condition.

INSURANCE.		
Premium paid for insurance on buildings.....		\$1,510 25
REPAIRS.		
Pay roll of carpenters and laborers.....	\$1,231 67	
Vroman, Frank & Ramsay, merchandise and labor	218 33	
Maloney Bros., gas fitting and plumbing.....	49 79	
Samuel Binks, gas fitting and plumbing.....	48 41	
Charles Baker, painting barn.....	18 86	
Murray & Richman, plastering and calcimining..	117 50	
Moulton & Chase, carpenter work.....	3 41	
Sorenson, Frederickson & Fish, lumber and labor.	37 77	
Madison Manufg. Co., material and labor.....	92 26	
John Cory, weather strips.....	3 92	
K. C. Mackay, mason work.....	26 06	
John Bascom, contingent expenses paid.....	14 49	
Moseley & Bro., wall paper and trimmings.....	321 30	
Alex. Gill, work on sewerage.....	77 15	
T. A. Nelson, painting.....	37 59	
Hoffman, Billings & Co., brass goods.....	28 40	
Bunker & Vroman, lumber.....	111 67	
H. C. Chesebrough, painting roof of Science Hall.	50 00	
Dunning & Sumner, paints, oils, etc.....	251 75	
W. W. Pollard, painting and papering dormitories.	491 10	
Crane Bros. Manuf'g Co., pump valve.....	25 00	
		3,256 43
INCIDENTAL EXPENSES.		
Salaries of officers and employees.....	\$4,771 08	
J. A. R. Rogers, expenses as visitor.....	66 15	
A. E. Bleekman.....do.....do.....	31 75	
A. Kimball.....do.....do.....	27 75	
James Bintliff.....do.....do.....	50 35	
J. V. Quarles.....do.....do.....	19 90	
E. Von Baumbach.....do.....do.....	22 00	
A. L. Smith.....do.....do.....	27 35	
Abijah Abbott, tablets for observatory.....	91 30	
Dunning & Sumner, merchandise.....	125 13	
Moseley & Brother, merchandise.....	35 91	
Klauber & Adler, merchandise.....	14 45	
Vroman, Frank & Ramsay, merchandise.....	330 35	
E. E. Campbell, taking observations.....	21 50	
Crane Bros. Manuf'g Co., stuffing boxes.....	8 00	
Babcock Manuf'g Co., charges.....	6 00	
Chas. E. Bross, agent telephone lines.....	82 00	
J. S. Dean, Sec'y, contingent expenses paid.....	373 69	
John Bascom, Pres't, contingent expenses paid....	132 71	
Western Bank Note & Eng. Co., envel'ps and dips.	65 00	
B. Westerman & Co., freight on book.....	1 50	
Park Savings Bank, rent of office.....	240 00	
E. M. Dean, expenses cleaning Ladies' Hall.....	40 35	
E. J. Wiswall, services at gymnasium.....	70 40	
G. W. Hersee, tuning pianos.....	35 00	
M. Swenson, blacksmithing.....	13 43	
C. I. King, bills paid by him.....	4 25	
J. N. Barnea, atlas.....	18 00	

Financial Condition.

INCIDENTAL EXPENSES—continued.		
Cook Brothers, sheep pelts.....	\$5 55	.....
W. P. H. Fishburn, traveling expenses.....	75 80	.....
Henry Mason, work in cabinet.....	64 27	.....
Madison Gas Co., drayage and burner.....	2 75	.....
F. A. Stoltz, leather for blowpipe.....	5 00	.....
A. Kentzler, livery.....	62 50	.....
A. H. Bright, music at commencement.....	101 85	.....
Lewis and Dyke, police services.....	5 00	.....
B. Jefferson, omnibus hire for visitors.....	4 50	.....
Phoenix Manufacturing Co., graphite.....	3 13	.....
Mrs. B. Walsh, soap for cleaning.....	12 80	.....
John Nader, surveying.....	5 00	.....
W. W. Daniels, cyclone expenses.....	29 00	.....
McKey & Folds, sheeting.....	4 00	.....
Hoffman, Billings & Co., sand and crucibles.....	3 72	.....
James M. Eddy, cleaning guns.....	35 00	.....
		\$7,145 17
FUEL AND LIGHT.		
Conklin & Gray, coal.....	\$34 50	.....
C. F. Cooley, coal.....	2,344 55	.....
Ambrose Cox, wood.....	882 62	.....
Madison City Gas Light & Coke Co., gas bills.....	1,017 00	.....
		4,278 67
PRINTING AND ADVERTISING.		
M. J. Cantwell, printing cards.....	\$7 00	.....
Cramer, Aikess & Cramer, catalogues.....	178 25	.....
David Atwood, job printing.....	179 75	.....
Democrat Co., job printing.....	2 00	.....
J. J. Stoner, university views.....	150 00	.....
Moseley & Bro., framing views.....	15 18	.....
M. J. DeWolf, framing views.....	238 93	.....
American Express Co., freight on views.....	62 70	.....
		833 81
LIBRARY.		
Wm. J. Park & Co., binding books.....	\$98 45	.....
Wm. J. Park & Co., periodicals.....	69 42	.....
F. W. Christern, periodicals.....	114 86	.....
B. Westerman & Co., periodicals.....	5 05	.....
American Journal of Mathematics, periodicals.....	10 00	.....
Moseley & Bro., books.....	15 30	.....
G. P. Putnam's Sons, books.....	138 58	.....
Houghton, Osgood & Co., books.....	82 84	.....
Jansen, McClurg & Co., books.....	67 90	.....
J. B. Parkinson, books.....	111 00	.....
R. B. Anderson, books.....	3 75	.....
Geo. H. Frost, books.....	30 50	.....
James Barnes, books.....	15 00	.....
John Bascom, paid for books.....	12 90	.....
J. S. Dean, Sec'y, paid for books.....	6 00	.....
Henry C. McCook, books.....	4 00	.....
Wm. Cushing, books.....	3 00	.....
Banks Brothers, law books.....	367 85	.....
Callaghan & Co., law books.....	29 50	.....
		1,185 90

Financial Condition.

FURNITURE.		
Klauber & Adler, carpet	\$54 40	.....
Dudley & Zehnter, matting	50 18	.....
H. Christoffer & Co., tables	40 00	.....
James E. Fisher, table and repairs	8 50	.....
Vroman, Frank & Ramsay, stove	47 60	.....
Sorenson, Frederickson & Fish, cases and tables ..	272 50	.....
Moseley & Brother, curtains	18 00	.....
Stark Brothers, carpet	94 47	.....
David Henwood, engravings	112 00	.....
Wm. G. Pitman, Manager, carpets and matting	462 57	.....
Matthews Bros. Furniture Co., furniture	170 00	.....
Darwin Clark, table	5 00	.....
		\$1,335 22
CABINET.		
A. F. Kumlien, birds and specimens	\$78 10	.....
C. N. Hitchcock, minerals	50 00	.....
S. W. Tullock, minerals	10 00	.....
		138 10
APPARATUS.		
Papyrograph Co.; papyrograph	\$65 00	.....
P. A. Frasse & Co., reamers and gouges	29 00	.....
George Wale & Co., spectroscope	12 00	.....
Madison Manufacturing Co., castings	17 42	.....
Crane Bros. Manufacturing Co., tools	22 53	.....
Wiley & Russell Manufacturing Co., taps, dies, etc.	24 58	.....
J. H. Ellis, air pump	115 00	.....
Buff & Berger, dumpy level	96 50	.....
Darling, Browne & Sharpe, metre rule	2 09	.....
A. A. Julien, lantern, etc.	211 30	.....
Nickel & Strassberger, plumb bob	7 50	.....
D. Appleton & Co., military tactics	9 80	.....
John Bascom, bills paid by him	32 83	.....
R. H. Richards, brass jet pumps	3 00	.....
Wm. Sellers & Co., iron planing machine	453 98	.....
Becker & Sons, balances	165 60	.....
Western Electric Manufacturing Co., apparatus ..	126 20	.....
H. A. Rogers, steel figures	1 64	.....
C. I. Kieg, bills paid by him	6 89	.....
Frank & Ramsay, tools	6 00	.....
		1,418 86
LABORATORY SUPPLIES.		
E. B. Benjamin, chemicals, etc.	\$666 68	.....
Shepard & Dudley, dissecting tools	46 88	.....
Whitall, Tatum & Co., glass ware	89 33	.....
Hollister & Whitman, chemicals	56 42	.....
Dunning & Sumner, chemicals	88 88	.....
Papyrograph Co., paper and ink	18 00	.....
West Chicago Alcohol Works, alcohol	23 10	.....
J. H. D. Baker, dishes	2 25	.....
Frank & Ramsay, files, etc.	7 40	.....
Madison Gas Co., gas bills	174 25	.....
		1,173 19

Financial Condition.

IMPROVEMENTS.		
Pay roll of carpenters and employees.....	\$413 00	
Vroman, Frank & Ramsay, merchandise.....	43 36	
Bunker & Vroman, lumber.....	876 76	
Thos. Davenport, mason work.....	37 80	
Charles Baker, painting.....	38 00	
Mooers, Smith & Allis, radiators and valves.....	162 05	
Madison Manuf'g Co., material and labor.....	22 08	
T. A. Nelson, painting.....	43 31	
Crane Bros. Manuf'g Co., water pipe.....	203 26	
Chas. E. Bross & Co., telegraph lines.....	100 00	
John Fay, contract for water closets.....	1,057 67	
Samuel Binks, plumbing and gas fitting.....	65 23	
		\$3,062 52
EXPERIMENTAL FARM.		
Salary of superintendent and pay of employees ...	\$3,261 94	
E. G. Hayden, boarding farm hands.....	507 54	
Firmin, Billings & Noe, plough and repairs.....	25 75	
M. Brahaney, horse shoeing.....	9 00	
A. Donovan, horse shoeing.....	25 40	
Z. Ramsdale, horse shoeing.....	1 75	
Vroman, Frank & Ramsay, tools and repairs.....	32 15	
M. Burger, corn.....	20 40	
Tim. Brown, corn.....	8 24	
A. Kentzler, manure.....	20 00	
Fuller, Johnson & Co., extras.....	8 91	
S. L. Sheldon, extras.....	2 50	
J. I. Case & Co., extras.....	6 00	
John B. Wiser, wheelbarrow.....	7 00	
Madison Manuf'g Co., repairs, etc.....	19 00	
M. B. Elmer, blacksmith work.....	36 05	
J. J. Fuller, repairing harnesses.....	9 95	
M. W. Lynch, halters and blankets.....	27 50	
Robbins & Baltzell, feed.....	15 00	
Chas. Houghton, secretary, herd books.....	2 12	
John Boyd, creamer.....	33 25	
James Maloney, grape stakes.....	8 70	
P. & M. Young, salt.....	6 00	
Dunning & Sumner, merchandise.....	13 97	
Mapes Formula Co., fertilizers.....	9 66	
J. H. D. Baker, seeds.....	11 57	
Patrick O'Neill, cow.....	37 50	
B. K. Bliss & Sons, seeds.....	2 00	
Stickney & Baumbach, trees.....	18 00	
H. Steensland, trees.....	1 50	
		4,188 35
LEWIS MEDAL FUND INCOME.		
Belle Case, Lewis prize.....		20 00
JOHNSON ENDOWMENT FUND INCOME.		
Disbursed to needy students.....		500 00

Financial Condition.

ASSEMBLY HALL.		
Advertising for proposals.....	\$109 00	.....
John Bentley & Son, estimates on contract.....	21,818 00	.....
Geo. A. Misch, glass.....	621 10	.....
D. R. Jones, plans, specifications and superintendence.....	1,240 54	.....
		\$23,788 64
Total disbursements.....		\$94,346 82

Respectfully submitted,

JOHN S. DEAN,
Secretary.

Financial Condition.

ANNUAL REPORT OF THE TREASURER OF THE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN

For the Fiscal Year ending September 30, 1879.

STATE OF WISCONSIN, *Treasurer's Office.*

MADISON, *October 1, 1879.*

Hon. C. C. WASHBURN,

President of the Board of Regents of University of Wisconsin.

SIR — I have the honor to submit herewith my annual report as Treasurer of the Board of Regents of the University of Wisconsin, of the receipts and disbursements of said institution for the fiscal year ending September 30, A. D. 1879.

Very respectfully, your obedient servant,
RICHARD GUENTHER, *State Treasurer.*

1878.	RECEIPTS.		
Oct. 1	To balance.....		\$31,910 40
Dec. 31	To transfer from University Fund In...	\$310 03	
	To transfer from Agricul. Col. Fund In ..	401 40	
1879.			
Mar. 31	To transfer from Agricul. Col. Fund In ..	2,760 15	
	To transfer from University Fund In. . . .	49,791 44	
June 30	To transfer from Agricul. Col. Fund In ..	11,422 55	
	To transfer from University Fund In. . . .	10,871 79	
Sep. 30	To transfer from Agricul. Col. Fund In ..	1,246 45	
	To transfer from University Fund In. . . .	5,740 61	
			82,544 42
	Total		\$114,454 82
	DISBURSEMENTS.		
	Salaries of instructional force.,	\$40,206 77	
	Expenses of regents.....	304 94	
	Insurance	1,510 25	
	Repairs.....	3,256 43	
	Incidental expenses.....	7,145 17	
	Fuel and light.....	4,278 67	
	Printing and advertising.....	833 81	
	Library	1,185 90	
	Furniture	1,325 22	
	Cabinet.....	138 10	
	Apparatus	1,418 86	
	Laboratory supplies.....	1,173 19	
	Improvements	3,062 52	
	Experimental farm.....	4,188 35	
	Lewis Prize.....	20 00	
	Johnson Endowment Fund Income	500 00	
	Assembly Hall.....	23,788 64	
	Balance on hand September 30, 1879	20,108 00	
			\$114,454 82
Oct. 1, 1879.	Balance on hand.....		\$20,108 00

Financial Condition.

1878.	LEWIS MEDAL FUND.		
Oct. 1	To cash on hand.....	\$200 00	.....
	To United States bond	100 00	.....
			\$300 00
Nov. 15	To interest and premium on sale of U. S. bond.....	\$1 84	1 84
			\$301 84
	DISBURSEMENTS.		
Nov. 15	Interest and premium on sale of U. S. bond transferred to University Fund Income	\$1 84	.....
Dec. 24	Paid warrant of Board to Thomas Gilligan, mortgage loan	300 00	.....
			\$301 84

All of which is respectfully submitted.

RICHARD GUENTHER,

Treasurer of the Board of Regents of the University of Wisconsin.

MADISON, October 1, 1879.

State University Colleges.

STATE UNIVERSITY COLLEGES.

ANNUAL REPORT OF THE PRESIDENT OF THE UNIVERSITY
TO THE BOARD OF REGENTS.*To the Regents of the University of Wisconsin:*

The year now finished has been one of such uniform prosperity as to be simply an occasion for congratulation, without calling for much comment. The attendance has not only been more than usual, but the grade in scholarship, both of those applying for admission and those with us, has improved. Passing, therefore, these familiar facts, I wish to present two points involved in the continuous prosperity of the University.

The first of these is the improvement of the instructional force. A university is not only primarily, but almost exclusively, for instruction. Any failure at this point can neither be hidden nor pardoned. All the expenditure involved, however remote it may seem to be from instruction, must justify itself at length as a necessary concomitant of a liberal education. All moneys and all labor, therefore, involved in the University, cannot reach their object in the educational improvement of the people, save as they are turned, sooner or later, into instruction.

The instructional force, in its variety, vigor and efficiency, represents, and must always represent, the value and power of the University.

The ratio between incidental expenditures and this primary expenditure devoted directly to instruction, thus becomes a matter of interest in an educational institution, disclosing somewhat the wisdom of its administration.

If no money is finally efficient, except as the salary of a competent instructor, or as giving such an instructor the necessary conditions of successful work, evidently the lines and proportions of expenditure in a university, furnish us with a not unimportant method of judging of the clearness with which its primary purpose

State University Colleges.

is seen, and the steadiness with which it is pursued. Such a comparison must be made wisely, because different branches of knowledge are by no means equal in the expenditures involved in the secondary adjuncts of instruction.

The natural sciences require more appliances, more aids, than language, literature and philosophy; and instruction in a practical application of these sciences to the arts, still more aid than the sciences themselves. The ratio, therefore, between these two kinds of expenditure, will seem to be more favorable in a classical institution than in a scientific one, or in one embracing broadly both branches. If, however, in any college, the incidental expenditures are relatively large, the fact demands explanation; and, if it cannot be satisfactorily explained, it indicates a state of things that needs correction.

I give the ratios of ten colleges and universities. The year covered in the reports is that of 1877-78:

	<i>Exp'se of Inst'n.</i>	<i>Entire Exp'se.</i>	<i>Rate.</i>
Amherst College.....	\$33,087	\$53,488	.61
Beloit College.....	13,800	16,500	.85
Dartmouth College.....	35,566	51,559	.69
Harvard University.....	221,000	328,000	.67
Williams College.....	23,800	32,200	.73
University of Iowa.....	38,000	54,000	.70
Michigan.....	82,250	131,959	.62
Minnesota.....	26,188	39,540	.66
Kansas.....	15,198	23,667	.64
Wisconsin.....	33,895	61,753	.55

The year 1877-78 was with us particularly free from any expenditure to be regarded as a permanent investment. We have, therefore, taken the sums entire, as they appear in the annual report. If we turn to the previous year of 1876-77 in the University, and deduct the expenditure on Science Hall, as not of the nature of incidental expenses, and also the further sum of \$13,935, put down under the general word improvements, we have in that year \$34,877 as salaries, and \$67,211, as aggregate expenditure. This gives us a ratio of .52.

In considering the above ratios, we need further to bear in mind that an institution may cripple its instruction by, failing to supply, with sufficient liberality, the accessories of a thorough and practical education. This is a comparatively safe fault, however, and

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arises in connection with narrow means and large aims. If we remember in this connection that state universities include in their instruction a relatively large scientific and practical element, we shall be satisfied that the above ratios indicate management as judicious as that of other educational institutions.

These statements would seem to show that under ordinarily favorable conditions, and a careful proportionment of funds, two out of every three dollars expended, should go to instruction; that but one dollar is required to speed the two directly to the goal. As our own ratio is and has been considerably less than this, the fact calls for attention. It certainly should not remain unnoticed on the ground that our instructional force has been fully adequate to our work. In removing this impression, I wish to make three points, accompanying them with the statement that something, though not sufficient, is now being done to remove this difficulty.

We have not been able to reduce sufficiently, in numbers, the divisions of classes. In some branches, as mathematics and languages, large divisions have been heard with considerable loss to each member; in other branches the same difficulty is not felt, at least in the same degree. If the instructional force is small, the temptation is to allow divisions too large for the best proficiency of all,—grading them by what is found to be admissible in studies the least exacting in personal oversight.

We have also been compelled to employ a large percentage of relatively inexperienced instructors. A university course ought, in all its branches, to be in the hands of accomplished and experienced professors, — men whose advantages have been, and whose attainments are, of an unusual order.

Three recitations a day from each professor, have been insisted on in too formal a way. This rule has resulted in very incongruous unions, such as Latin and Political Economy, Greek and English Literature. The rule is not objected to, because the work imposed by it is excessive; but because it is scattered, and correspondingly ineffective. If a professor is to do really superior work, his entire labor must be confined to a single department, or to closely allied departments; and he must have sufficient time at his disposal to make himself a master in his chosen line. Herein is found the

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most marked superiority of university instruction over that of an inferior grade. If we begrudge this advantage in its full measure to our professors, we mistake the proper character of the institution we are building up. Professors should not do less than they are now doing, but do it under conditions more inspiring and more favorable to superior work. In view of these facts, we believe that we ought both absolutely and relatively — at least to the best of kindred institutions — to try to make our instructional force more complete and efficient; and that we ought to inquire into the relation to each other of the two lines of expenditure now presented by us.

The second subject which I wish to consider, is one brought forward in the kindly report of our Board of Visitors. It is that of discipline. We shall all heartily agree to the assertion that what can be done successfully, in behalf of a wholesome moral life among the students of the University, should be freely done by its officers. The discipline of the University, as now administered, touches four points: (1) It requires of each member of the University such a discharge of his duties as a student, as to justify his presence in his classes. This requisition is fundamental in all good discipline. It does not aim directly at moral conduct, but indirectly. It is most intimately associated with it. Much the larger share of the discipline of the University takes place at this point. We trust that the principle involved will be wisely but very faithfully applied in the future. Indolence is profoundly immoral, and is very likely to become openly so. Faithfulness in the use of the advantages the University offers, should be the constant condition of the gift. (2) Fitting deportment is required, in all intercourse of the students with the faculty. (3) Any open immorality anywhere, on the part of a student, if brought to our notice, is regarded as a proper subject of discipline. (4) Counsel is freely given collectively and singly to students as to their duties to themselves, to each other, and to the state. This element of counsel, to be efficient, must be free and sincere, and hardly admits of any prescribed terms. Those only should be in charge of a university with whom such counsel is spontaneous.

There is an opinion, more or less current, that fails to express

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itself clearly, requiring on the part of the faculty of a university an effort — beyond what is covered by the above points — to follow the student, and intercept him in any mischief intended to himself or to others. This opinion overlooks the possibilities of the case and the natural results of the method enjoined. There are two principles of very general application in this connection.

The first is that no effort should be made to do what cannot be done. The effort itself begets mischief and falls into contempt. It is impossible to institute any effectual watch over five hundred young men and women, so as to cut them off from lines of action that they choose to pursue. The effort is so feeble and so futile, as worthily to expose to contempt those who institute it. A parent with one, two, or three sons, often fails in such an effort; much more must an instructor with one, two, or three hundred under his charge.

The second principle is that the opinions of those to be guided must be respected in all wise discipline. The students of a university think themselves old enough to guide their own action in the main. They resent, therefore, any interference within the ordinary range of personal duties. If such interference is insisted on, they set themselves to the task of resisting it, and the consequences are: first, that transgression acquires new gusto as an act of freedom; secondly, sound and kind counsels, which might have otherwise found acceptance, are now the words of an adversary. The difficulty is that there is truth in this student's view of the subject. He is on the verge of manhood, or fully within its lines, and he cannot be called on to accept the conditions of a child. If a mistake is made, it is better to make it on the side of undue freedom, rather than on that of undue restraint. After all that can be done for him, the young man is so far master of himself that he must be trusted. We shall do well, therefore, in counsel and persuasion to start with honest trust, and not with the mere appearance of it. The method that puts the moral appeal in its purest form, puts it, on the whole, in its strongest form.

We believe that this view is justified by experience. Young men do injure themselves at the University. But that, unfortunately, is a universal fault. There can hardly be found as many

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young men who, as a whole, are more considerate, better disposed, or who have a clearer perception of their duties to themselves and to others. While the room for improvement is always large, we have every reason to be satisfied with the good order and good-will that prevail with us — to be satisfied with our present methods.

There is another point in discipline of equal moment with its extent, and that is its temper. It is felt that the ultimate responsibility for discipline rests with the Regents; and that it should, therefore, in its processes, come more immediately under their observation. The premise is more sound than the conclusion. There are twenty persons dismissed from the University under general rules bearing on scholarship, for every one dismissed for bad behavior. Expulsion, as a formal punishment, is falling more and more into disuse. Its chief features, an immediate public disgrace and an exclusion from the entire circle of colleges, may well disappear. It is no part of a university discipline to brand a young man, or to cut him off from any advantages which he may have elsewhere. It is sufficient for the officers of an institution to consult its own well-being, and the well-being of the students, in their immediate relations to each other. The fitness of all discipline must be settled by these close personal dependencies. It must aim to deal kindly, yet firmly and wisely, with young men; extending all the advantages there is a disposition to improve, and withdrawing those that are abused. A student should be allowed to withdraw under suggestions, with no more publicity than the facts themselves involve.

The discipline, therefore, of a university must turn on the general temper of the institution, and on the special temper of each student subject to it. There is a uniform spirit in wise discipline, to wit, the desire to seek the common good, but there is no uniform rule in it. A concession is possible at one time, and impossible at another; is wise when made to one person, and unwise when made to another. An intimate knowledge of students, and still more of the spirit which pervades them, and a kindly and broad watchfulness over immediate and future interests, are the indispensable conditions of sound discipline. A direct participation in the discipline of the University by the Regents, would be unfortunate for three reasons.

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(1) Discipline would assume too grave and criminal a character. It rarely happens in the history of a literary institution that its officers have occasion to sit in formal judgment on the action of its members, to arraign them as before a legal tribunal, and to produce evidence sufficient to establish innocence or guilt under a given accusation. The faculty of a college are not well fitted for a formal trial, nor have they any of the civil appliances at their disposal so absolutely essential in any searching inquiry. Moreover, their purposes do not often require it. They have a much simpler and shorter question to settle, to wit: whether a young man can advantageously to himself and safely to others remain in college. If a criminal action is to be sifted, the case should be sent to the courts; for the same reason that a substance to be analyzed should be put into the hands of a chemist. The quietness and rapidity, so necessary to college discipline, are instantly and most unfortunately lost under the bungling inadequacy of a formal trial; and the true interests of the institution are sacrificed to a fanciful notion of justice to the student, which is likely also itself to be missed in the end.

(2) The discipline of an institution would thus assume by far too isolated a character. In a trial for a given offense, temper goes for nothing; previous character goes for nothing; surrounding relations go for nothing; and the inquiry is narrowed down to guilty or not guilty under the specification. Criminal law can proceed in that way profitably, but not the government of a university. At times, much may be overlooked; at other times, nothing. The inner spirit and condition of the institution determine everything, and this leads us to the third difficulty of such divided discipline.

(3) It will be a medley of two sentiments; an outside and inside one, neither quite able to understand or appreciate the other. The assertion of the outside sentiment will wound and irritate the inside sentiment; and the inside sentiment will appear to those who cannot, from the nature of the case, understand its entire conditions, more or less narrow, bigoted, and arbitrary.

(a) An attempted reconciliation of divergent views will thus be likely to end in mutual irritation, still greater division, and a general sowing of the seeds of mischief.

(b) The general interests of the institution will, in the mean-

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time, be overlooked amid the feelings engendered in pressing the views of diverse parties in a given case.

(c) The most lax sentiment will become the prevalent one. This is only too likely to be so when discipline is silent and easy; when it becomes voluble, protracted, divided, difficult, it will be shunned as an evil of more magnitude than that which it redresses. Amid the divisions of sentiment elicited, a feeble compromise will be the natural issue; or if by chance there is a little undue stringency, it will give occasion at once to undue laxity.

(d) The outside sentiment will have excessive influence. The outside sentiment should have always some influence, and is likely to have, under all circumstances, too much, rather than too little. But when it enters the tribunal itself, and has the seat of supreme authority in that tribunal, it is sure to bear down and overawe that impalpable but very real sentiment of the wholesomeness and soundness of the interior life of the institution, which abides almost exclusively in the minds of the faculty. In place of it, we shall have a hodge-podge, made up of the claims of parents, the legal rights of citizens, and the blasted prospects of a young man. Let these influences once bear sway, and there will soon be left but little in a college course and a college discipline which the most fond parent need covet for his child, or the most reckless young man claim as a right.

(e) Those who have not wisdom enough to recognize the soundness of these reasons, will be likely to fall headlong into all the bad consequences indicated by them.

What, then, is the true rendering of that responsibility for discipline which ultimately rests with the Regents? A wise and earnest faculty is to be provided, and the duty delegated to them. If they manifestly fail in its discharge, their error is to be corrected. If the error is extensive and chronic, they are to be replaced by other officers. Certainly, it is a far simpler thing to choose wise men to do this work, than it is to step in from the outside and do it wisely. Responsibility is a reason for doing a thing well, not for doing it poorly. If the persons on whom this responsibility falls, have not the required experience, and still more, the opportunity for the immediate and constant observation which the

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labor calls for, it then becomes a part of their responsibility to commit the task to those who have these advantages for its performance.

I need ask no allowance for this free statement of the conditions of a sound discipline, since no interest of the University is more critical or more important. If there is one result on which we congratulate ourselves, it is on the free yet wholesome sentiment which prevails among the students of the University.

JOHN BASCOM.

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REPORT OF THE BOARD OF VISITORS TO THE BOARD OF
REGENTS.

To the Honorable Board of Regents of the University of Wisconsin:

As visitors of the University, appointed by you, we entered upon our work with a high sense of the obligations laid upon us, and a strong desire to perform the duty faithfully. We have given our careful attention to the work committed to us, and beg leave to submit the following report:

The University differs essentially from a college founded by individuals, inasmuch as it is established and supported by the state, and stands at the head of its educational system. It receives support from the state, and if wisely managed, returns a value incomparably greater than that of the money expended. If the University of Wisconsin has that rapid growth which its present condition augurs, its influence is destined to be of the utmost importance to the future of the commonwealth; and for this reason, all its interests need to be considered with the greatest care, and its course shaped by the most far sighted wisdom.

We have found the instruction of a high order, and such as to command the respect of the ablest scholars. The division of labor allows each professor to become familiar with the range of knowledge in his department, and in some cases such as to allow the prosecution of original discoveries. In our judgment, the Faculty as a body are faithfully devoted to their work, and are teaching with unusual success. The methods of teaching seem to be those most generally approved, and in some departments the instruction is of an exceptionally high order.

The discipline of the University, so far as pertains to the conduct of the students while on the University grounds, and to their

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devotion to study, appears to be satisfactory. While, for this, much praise is due to the President and college officers, their task is made easier by reason of the character of a majority of the students. They evidently have sought college halls for the sake of knowledge, and consequently as a rule need to be guided rather than controlled. It seems to the visitors that the work of discipline has been made easier by the presence of both sexes. So far as discovered, no disadvantages have arisen from this union in the classroom, while many advantages have accrued. The scholarship of the young ladies, as a whole, appears to be fully equal to that of the other sex.

The visitors congratulate the Board of Regents and all the friends of the University upon the munificence of Hon. C. C. Washburn, late governor of the state, in presenting to the University one of the best observatories in the country, equipped with superior instruments; and also upon securing one of the most learned astronomers of the world to use the apparatus provided, thus enabling the University to perform one of its important functions, that of extending the area of human knowledge.

We also congratulate your Board that, at the commencement of the next academic year, you will have provided an Assembly Hall, where all the students can meet the Faculty daily; and we trust that then a more general attendance will be secured at chapel exercises. There is comparatively little danger that a student will yield to the temptations to wrong-doing, found everywhere in the pathway of life, and which, if embraced, compromise his manhood and grievously wound his self-respect, if by his presence in the public assembly for religious exercises, he acknowledges his obligations to God, and his responsibility to those righteous compensations which are a part of the Divine government among men.

While the University is provided with such an able corps of teachers, and is doing its work so well, your Board feels that its present success is a ground for additional efforts in every direction, rather than for satisfaction with present results. Much as has been accomplished, there are higher attainments to be secured. The present policy of making appointments only on the ground of fitness, is one essential to its prosperity. Perfection in every detail

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should not only be constantly sought, but the true scheme of a university is one that calls for continual enlargement. The circumstances of this University are such as to demand that it does not place itself simply side by side with the many excellent colleges of the state, but that it furnish superior facilities for instruction in special lines of study.

Inasmuch as the University stands at the head of the educational system of the state, it is a matter of the utmost importance that it be brought into intimate relations with the other parts of the system. We are aware that the relations of the different parts of the system are not accurately defined and but imperfectly adjusted, but for that reason there is an imperative demand for the most earnest effort to bring the whole educational scheme into harmonious working and intercommunication. In this way, the University will be filled with students, and the high schools and common schools receive the greatest aid from the University. It may not fall within the province of the Board of Visitors to make suggestions how this can be accomplished, but it seems to them one of the most important problems demanding the attention of those who have the direction of the University and of the educational interests of the state.

The instruction in the Classical Department compares favorably with that in any other part of the institution, and in the minds of the visitors is not of secondary importance; but some of our number have feared lest, with the large appropriations to the Scientific Department and increase of professorships in it, there might be danger that in some degree it might grow out of proportion to the rest of the departments. We do not think that less should be done for the scientific department, but more for the others. We would earnestly recommend to the Board of Regents that a moderate sum be appropriated for the purchase for the Classical Department of additional maps, linguistic charts, photographs of ancient buildings, models of armor, utensils, and dress, copies of busts, and coins, and such other things as aid, by the use of the eye, the fuller understanding of Latin and Greek authors and their times. The student who enters the Latin or Greek recitation room, should be helped by his surroundings, and find himself in an atmosphere stimulating him in his study.

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We also think it very desirable that French and German should be studied with reference to conversational use, as well as for a knowledge of the structure and literature of those languages. It seems to us desirable that as soon as an elementary knowledge of those languages is gained, the conversation of the class room should be exclusively in the language pursued, — a course which has been proved to be entirely practicable, as well as productive of the most desirable results.

The existence of the gymnasium on the University grounds, and of some appliances in Ladies' Hall, recognize the importance of physical culture. While students are growing to manhood and womanhood, the value of the harmonious development of all the powers of the body and mind, can scarcely be overestimated. As the number of students in the University increases, the means for physical training should keep pace with numbers, and the requirements of the institution be formulated into an intelligent and progressive system. Under proper direction and control, boats for rowing and gymnasium facilities and instruction should be provided for both sexes.

Nor less important is it that the University, in all fitting ways, promote moral culture. It is of fundamental importance that institutions supported by the commonwealth should uphold those principles which are essential to the existence and welfare of the state. On these points they must give no uncertain sound. Their influence must ever be to enhance the sacredness which pertains to the oath. They must teach with clearness and force the obligations of obedience to law, human and divine, and show the grounds of the guilt and folly of those who would destroy the rights of person and property. We are thankful for what the University is doing in these troublesome times in these respects, and trust that it will be more and more a bulwark against all destructive influences against law and order.

While the Faculty cannot take the entire control of the students, and must leave them largely to the restraints of society, and the wholesome influences of their own lives, it seems to us of the utmost importance that every practicable effort should be systematically, used for promoting the welfare of those under the care of the

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University, at the formative period of their lives. What has been done by the President and the other members of the Faculty by their personal interest in, and care for the students, we believe to be of great value, and it is worthy of inquiry whether more systematic efforts in this direction cannot be made. The system of reporting regularly to parents and guardians the scholarship and general conduct of their children and wards, we deem eminently wise, and hope that it will continue.

The facilities which the University offers to all the young men of the state who propose to pursue agriculture as a permanent occupation, to avail themselves of the knowledge which science and improvement in the arts has furnished, ought to command a larger degree of attention. No more direct method of increasing the resources of agriculture can be found than to extend the horizon of intelligence of those who are conducting this important interest; for it is as true of agriculture as of any other occupation, that, other things being equal, it will pay in proportion to the degree of light with which it is directed.

The department of agriculture and the experimental farm should become a means of disseminating a knowledge of important facts and discoveries, and of improved methods with reference to seeds and crops best adapted to our latitude to all the farmers of the state. There should also be bred there, by a skillful breeder, the best specimens of short-horns and other animals to be found in the country. We are located in the grass belt, where ultimately grazing will be the principal occupation of our farmers. To know how to breed an animal which, at two years old, will be as heavy as those we now raise are at four, will be invaluable. English farmers have accomplished this result. As our lands become more valuable, and economy of production more generally appreciated, our farmers will feel the necessity which these improved methods will force upon them. On this experimental farm there should be a man who can take the lead in these directions, and who can communicate his knowledge and the results of his experience to the agriculturists of the state.

The Law Department of the University is beginning to attract attention, and to assume a degree of importance commensurate with

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its merits. Your committee were gratified with the breadth and thoroughness of the examination of the applicants in this department for graduation, and with the evidence which the class gave of sound instruction, and honest, earnest endeavor to qualify themselves to honorably discharge the important duties of members of the legal profession.

In the construction of Ladies' Hall, Science Hall, and the new Assembly and Library building, attention has been given to ventilation. This fact is a response to the increasing perception of the importance of a constant supply of pure air in all inhabited rooms, which but emphasizes the delinquencies yet existing in the older buildings of the University. The least satisfactory reply that can be made to a demand for ventilation in all the buildings of the University, is to say that these buildings are as well ventilated as those from which students came. In a matter of so much importance to the physical and mental health of all who occupy its halls, the University should be an example to all the educational institutions of the state, and all its citizens.

It seems desirable to this Board that the Visitors to the University should be appointed by the Regents, at their meeting in June, in order that they may have fuller opportunity to prepare themselves for their work, and to visit the institution during the year. They would also suggest that it would probably be wise to discontinue the examinations made for the visitors at the close of the academic year. They deem it desirable that a portion of the papers prepared by the Faculty for written examinations be printed. This practice of many of the best universities in this and other countries, is believed to be beneficial to all concerned.

While we have seen some things which seemed to call for friendly criticism, we have seen much more which has commanded our hearty admiration. We congratulate your honorable Board, the President and Faculty and friends of the University, on what has been accomplished, and trust that past success will only be a stimulus to greater exertions in the future.

Our own work has been to us a grateful one. Coming from various parts of the state, after carefully looking into the work of the institution and discussing it in its details, we have reached our con-

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clusions unanimously. We desire gratefully to record our obligations to the committee of the Board of Regents, and the resident members of that Board, and to the President and Faculty, for their many kind attentions and for their aid in performing our work by furnishing us every facility therefor in their power. Earnestly desiring the highest prosperity of this great University, eminently worthy of the noble state of Wisconsin, we respectfully submit this our report to its honorable Board of Regents.

JAMES BINTLIFF,
E. D. HUNTLEY,
A. L. SMITH,
J. V. QUARLES,
J. M. BOWMAN,
E. VON BAUMBACH,
A. KIMBALL,
A. E. BLEEKMAN,
J. A. R. ROGERS.

University Farm.

UNIVERSITY FARM.

To the Hon. C. C. Washburn, President of the Board of Regents of the University of Wisconsin:

SIR — I have the honor to submit herewith a report of the experiments conducted upon the University Experimental Farm, for the year ending September 30, 1879. Very respectfully,

W. W. DANIELLS,

Professor of Chemistry and Agriculture.

WINTER WHEAT.

The following varieties were sown September 23, 1878, broadcast by hand, upon clay-loam land that has been cropped with cereals continuously for nine years. One and one-half measured bushels of seed were sown to the acre. Twelve wagon loads of well rotted stable manure were put upon each acre before plowing. The land was rolled after sowing, and after the disappearance of frost in the spring.

Fultz. — Weight of seed per bushel, 61 lbs. Harvested July 3, 1879. Weight of straw and grain per acre, 6,300 lbs. Weight of grain, 3,267 lbs. Weight of one measured bushel, 62 $\frac{3}{4}$ lbs. Yield per acre, 54.45 bushels. Per centage of grain to weight of straw and grain, 51.9.

This variety has now been in cultivation upon the University farm for eight years, with the following results:

	<i>Bushels.</i>
Yiel. per acre in 1872.....	33
Yield per acre in 1873.....	20
Yield per acre in 1874.....	35
Yield per acre in 1875.....	17.5
Winter killed in 1876.....	00
Yield per acre in 1877.....	47.4
Yield per acre in 1878.....	52.5
Yield per acre in 1879.....	54.4
Average yield for eight years.....	32.4

University Farm.

For the same years, with equally good cultivation, our most prolific variety of spring wheat, the Red Mammoth, yielded 19.4 bushels per acre. The relative quality of the grain for these same years is indicated by the average weight of one measured bushel of each, that of the Fultz being 61.5 pounds, and of the Red Mammoth 56.2 pounds.

The Fultz wheat has been raised to a considerable extent by farmers in the vicinity of Madison, and no instance has come to my notice where the yield was not greatly above the yield of spring wheat for the same season.

Clawson. — Weight of seed per bushel, 58 lbs. Harvested July 10. Weight of straw and grain per acre, 6,420 lbs. Weight of grain, 3,000 lbs. Weight of one measured bushel, 59 lbs. Yield per acre, 50 bushels. Percentage of grain to weight of straw and grain, 46.7.

This wheat has now been in cultivation upon the University farm for four years. The average yield per acre has been 41.8 bushels. So far as can be judged from our experience it will prove a valuable variety for general cultivation in Wisconsin.

Prussian. — Weight of seed per bushel, 57.5 lbs. Harvested July 12. Weight of straw and grain per acre, 5,740 lbs. Weight of grain, 2,284 lbs. Weight of one measured bushel, 57 lbs. Yield per acre, 38 bushels. Percentage of grain to weight of straw and grain, 39.8.

Golden Straw. — A variety obtained from the Department of Agriculture at Washington in 1877, of which the commissioner says: "Said to be an excellent variety;" from Tennessee. Weight of one bushel of seed, 60 lbs. Harvested July 12. Weight of straw and grain per acre, 5,120 lbs. Weight of grain, 2,422 lbs. Weight of one measured bushel, 60 lbs. Yield per acre, 40.6 bushels. Percentage of grain to weight of straw and grain, 47.3

Silver Chaff. — A Canada variety, received from the United States Department of Agriculture. Weight of seed per bushel, 61 lbs. Harvested July 5th. Weight of straw and grain per acre 5,100 lbs. Weight of grain, 2,378 lbs. Weight of one measured bushel, 60 lbs. Yield per acre, 39.6 bushels. Percentage of grain to weight of straw and grain, 46.2.

University Farm.

SPRING WHEAT.

The following five varieties were sown April 18, with one and one-half bushels of seed per acre. Twelve loads of stable manure were plowed in upon each acre the previous fall. Soil, a clay loam.

Red Mammoth.—Weight of one bushel of seed, 56 lbs. Harvested July 21. Weight of straw and grain per acre, 6,160 lbs. Weight of grain, 1,542 lbs. Weight of one measured bushel, 57 lbs. Yield per acre, 25.7 bushels. Percentage of grain to weight of straw and grain, 25.

White Michigan.—Weight of one bushel seed, 53 $\frac{1}{4}$ lbs. Harvested July 21. Weight of straw and grain, per acre, 6,120 lbs. Weight of grain, 1,524 lbs. Weight of one measured bushel, 57.5 lbs. Yield per acre, 25.4 bushels. Percentage of grain to weight of straw and grain, 24.9.

Touzelle.—Weight of one bushel of seed, 52 lbs. Harvested July 21. Weight of straw and grain, 5620 lbs. Weight of grain, 538 lbs. One bushel measured weighed 32 lbs. Yield per acre, 9 bushels. Percentage of grain to weight of straw and grain, 9.5.

Champlain.—A new variety obtained in 1878, of B. K. Bliss & Sons, New York City, who say of it, it was produced by Mr. Pringle, of Vermont, in his endeavors to unite the remarkable hardiness of the Black Sea and the superior quality of the Golden Drop. Several varieties were the result of this hybridization, from which this one was chosen as realizing the end in view. A careful selection from this for seven years, has fully established its character, and we have a wheat bearded like the Black Sea, with the white chaff of the Golden Drop.

Weight of seed per bushel, 50 pounds. Harvested July 22. Weight of straw and grain per acre, 5,460 pounds. Weight of grain, 1,200 pounds. Weight of one measured bushel, 57 pounds. Yield per acre, 20 bushels. Percentage of grain to weight of straw and grain, 22.

Defiance.—This variety was also obtained of B. K. Bliss & Sons. It is "the result of a series of experiments by Mr. Pringle in 1871, to incorporate superior qualities upon the hardy stock of our com-

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mon club wheat, by hybridizing it with one of the finest, whitest, and most extensively grown sorts of the Pacific coast." It is a beardless, white chaff wheat, for which great productiveness, hardiness and vigor are claimed. Weight of seed per bushel, 46 pounds. Harvested July 24. Weight of straw and grain per acre, 4,620 pounds. Weight of grain, 1,292. Weight of one measured bushel, 56 pounds. Yield per acre, 25.5 bushels. Percentage of grain to weight of straw and grain, 23.6.

This grain was all badly injured by the very hot weather which occurred while it was maturing.

BARLEY.

Sown April 8th, broadcast by hand, with two measured bushels of seed to the acre. The land was cultivated and manured the same as that for spring wheat.

Manshury.— Weight of one bushel seed, 48 pounds. Harvested July 14. Weight of straw and grain per acre, 7,100 pounds. Weight of grain, 3,712 pounds. Weight of one measured bushel, 48 pounds. Yield per acre, 77.3 bushels. Percentage of grain to weight of straw and grain, 52.2.

Common Scotch.— One bushel seed weighed 48 pounds. Harvested July 15. Weight of straw and grain per acre, 7,820 pounds. Weight of grain, 3,040 pounds. Weight of one measured bushel, 50 pounds. Yield per acre, 63.3 bushels. Percentage of grain to weight of straw and grain, 44.5.

Saxonian.— Weight of one bushel of seed, 50 pounds. Harvested July 17. Weight of straw and grain per acre, 7,080 pounds. Weight of grain, 2,640. Weight of one measured bushel, 50 pounds. Yield per acre, 55 bushels. Percentage of grain to weight of straw and grain, 37.3.

Probsteir.— Weight of one bushel of seed, 46 pounds. Harvested July 18. Weight of straw and grain per acre, 7,520 pounds. Weight of grain, 2,818 pounds. One measured bushel weighed 50 pounds. Yield per acre, 58.6 bushels. Percentage of grain to weight of straw and grain, 37.4.

University Farm.

The following table gives the yield of each of these varieties since they have been cultivated upon the University farm.

VARIETIES.	YIELD IN BUSHELS OF 48 POUNDS EACH IN THE YEAR.									Average.
	1871	1872	1873	1874	1875	1876	1877	1878	1879	
Manshury	32.7	48.0	20.3	60.0	49.6	65.0	66.8	52.2	49.3	
Chevalier	43.5	16.4	10.2	9.2	44.3	58.1	33.5	30.7		
Common Scotch.....	20.6	34.4	13.4	44.0	29.6	51.7	54.8	44.5	36.6	
Saxonian	45.9	22.2	26.5	26.5	45.0	19.6	52.5	43.6	37.3	35.4
Probstier	51.4	23.2					57.6	41.4	37.4	42.2

OATS.

Five varieties were sown April 19, with 2½ bushels of seed per acre, upon land cultivated and manured the same as that for spring wheat.

White Schonen.—Weight of one bushel of seed, 32 lbs. Harvested July 23d. Weight of straw and grain per acre, 7,660 lbs. Weight of grain, 3,078 lbs. One bushel weighed 33 lbs. Yield per acre 96.2 bushels. Percentage of grain to weight of straw and grain, 40.2.

White Waterloo.—Weight of one bushel of seed, 33 lbs. Harvested July 21st. Weight of straw and grain per acre, 8,180 lbs. Weight of grain, 3,080 lbs. Weight of one measured bushel, 36 lbs. Yield per acre, 96.2 bushels. Percentage of grain to weight of straw and grain, 37.6,

Somerset.—Weight of one bushel of seed, 32 lbs. Harvested July 21. Weight of straw and grain per acre, 7,780 lbs. Weight of grain, 2,984 lbs. Weight of one measured bushel, 37 lbs. Yield per acre, 93.2 bushels. Percentage of grain to weight of straw and grain, 35.7.

Canada.—Weight of one bushel of seed, 35 lbs. Harvested July 19. Weight of straw and grain per acre, 6,400 lbs. Weight of grain, 2,850 lbs. Weight of one measured bushel, 37½ lbs. Yield per acre, 89 bushels. Percentage of grain to weight of straw and grain, 44.5.

University Farm.

White Dutch.—Weight of one bushel of seed, 35½ lbs. Harvested July 23. Weight of straw and grain per acre, 11,680 lbs. Weight of grain, 2,684 lbs. Weight of one measured bushel, 39 lbs. Yield per acre, 83.8 bushels. Percentage of grain to weight of straw and grain, 22.9. This variety was so badly lodged that it had to be cut with a scythe, which accounts for the great amount of straw.

The following table gives the average yield of these varieties for the years mentioned:

VARIETY.	YIELD PER ACRE IN BUSHELS OF 32 POUNDS IN THE YEAR.					Average.
	1875.	1876.	1877.	1878.	1879.	
White Schonen.....	95.0	46.5	89.5	75.2	96.2	80.5
White Waterloo.....	.....	.....	86.0	70.0	96.2	84.0
Somerset.....	71.0	26.9	84.3	67.0	93.2	56.5
Canada.....	58.3	24.8	89.2	79.4	89.0	68.1
White Dutch.....	.....	.....	.....	45.4	83.8	64.6

CORN.

Four varieties were planted May 16. The land was fall-plowed. Before plowing in the spring, 12 loads to the acre of well-rotted stable manure was spread upon the ground. The white Australian was planted in hills 3½x4 feet apart. The other varieties, 4x4 feet. The cultivation in other respects was the same. The yield of Cherokee was diminished somewhat by the presence of a large tree.

<i>Variety.</i>	<i>Yield per acre in bushels of ears, weighing 75 lbs. each.</i>
White Australian.....	80.1
Lysaghts.....	80.4
Cherokee.....	83.2
Yellow Dent.....	84.5

University Farm.

The variety called Lysaght's we have had in cultivation three years. The average yield of these several varieties during this time has been as follows:

White Australian	89.4 bushels.
Lysaght's	77.8 bushels.
Cherokee	86.1 bushels.
Yellow Dent	89.7 bushels.

To test the relative value of different varieties of flint corn, Mr. Hayden planted four varieties May 20, upon 100 square rods of ground divided into four equal plats. The cultivation of all varieties was the same. The results are given in the following table:

VARIETY.	Time of Ripening.	Yield of Ears in lbs.	Bushels of 75 lbs each per acre.
Compton's Early	July 26	744	63.5
White Australian.....	Aug. 1	884	75.4
New England	Aug. 1	724	61.8
Wauhakum	Aug. 10	564	48.2

POTATOES.

The following varieties were planted May 17th, in rows $3\frac{1}{2}$ feet apart, hills 18 inches apart in the row. One-third of an ordinary sized potato was planted in a hill. The yield was greatly diminished by the drouth, which also ripened nearly all varieties prematurely.

The yield per acre is as follows:

	<i>Bushels.</i>
Ruby.....	97.5
Improved Peachblow.....	67.4
Superior.....	10.6
Early Rose	77.2
Snowflake	134.8
Manhattan.....	161.3
Bliss's Triumph.....	142.0
Prophy.....	96.8
Centennial.....	205.0

Of these varieties, Bliss's Triumph, Manhattan and Trophy are new, this being the first year we have had them in sufficient quantity for a field trial. Manhattan and Trophy are late varieties. The quality of Manhattan was poor this year.

University Farm.

We have also had in cultivation, for the first time, three new varieties of which $7\frac{1}{2}$ pounds of each were planted, giving the following yield:

- Dunmore, 375 pounds, quality excellent.
- Beauty of Hebron, 479 pounds, quality good.
- Late Snowflake, 392 pounds.

EXPERIMENT WITH FERTILIZERS.

The following experiment was begun to test the value of different fertilizers upon the soil of the University Farm. The land upon which the experiment is being tried was first brought into cultivation in 1876, consequently no fertilizer has ever been put upon it, except as stated in the conditions below given. Seventeen adjacent plats, each containing one-tenth of an acre, are to be cultivated for a series of years, in accordance with these conditions. Adjoining plats are separated by a space of three feet, in order that one plat shall not be affected by the fertilizer placed upon another. All plats were planted to corn in 1877, 1878 and 1879. In 1877 no fertilizer was used upon any of the plats, that the relative production of each might be obtained. Four unfertilized plats have been left as a basis of comparison. The following is the method of treatment.

- Plat 1. Two loads of well-rotted stable manure.
2. Nitrate of soda equal to 32 lbs. nitrogen per acre.
3. Peruvian guano, equal to 35 lbs. ammonia, 54 lbs. phosphoric acid, and 7.3 lbs. potash per acre.
4. Nothing.
5. Hard wood ashes, equal to 160 lbs. potash (KOH) per acre.
6. Potassium chloride, equal to 160 lbs. potash per acre.
7. Nothing.
8. Superphosphate of lime, equal to 18 lbs. phosphoric acid per acre.
9. One load well rotted stable manure.
10. Sulphate of ammonia, equal to 32 lbs. nitrogen per acre.
11. Nothing.
12. Wood ashes, as in No. 5.
13. Twenty-five lbs. gypsum.
14. One load well rotted stable manure, with one-half the quantity of guano used in No. 3.

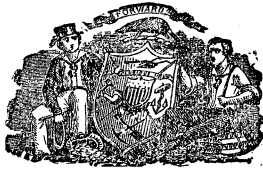
University Farm.

15. Nothing.
16. Sodium nitrate, equal to 20 lbs. nitrogen per acre, hard wood ashes, equal to 45 lbs. potash per acre, superphosphate of lime equal to 15 lbs. available phosphoric acid per acre.
17. Stable manure, as in plat 1.

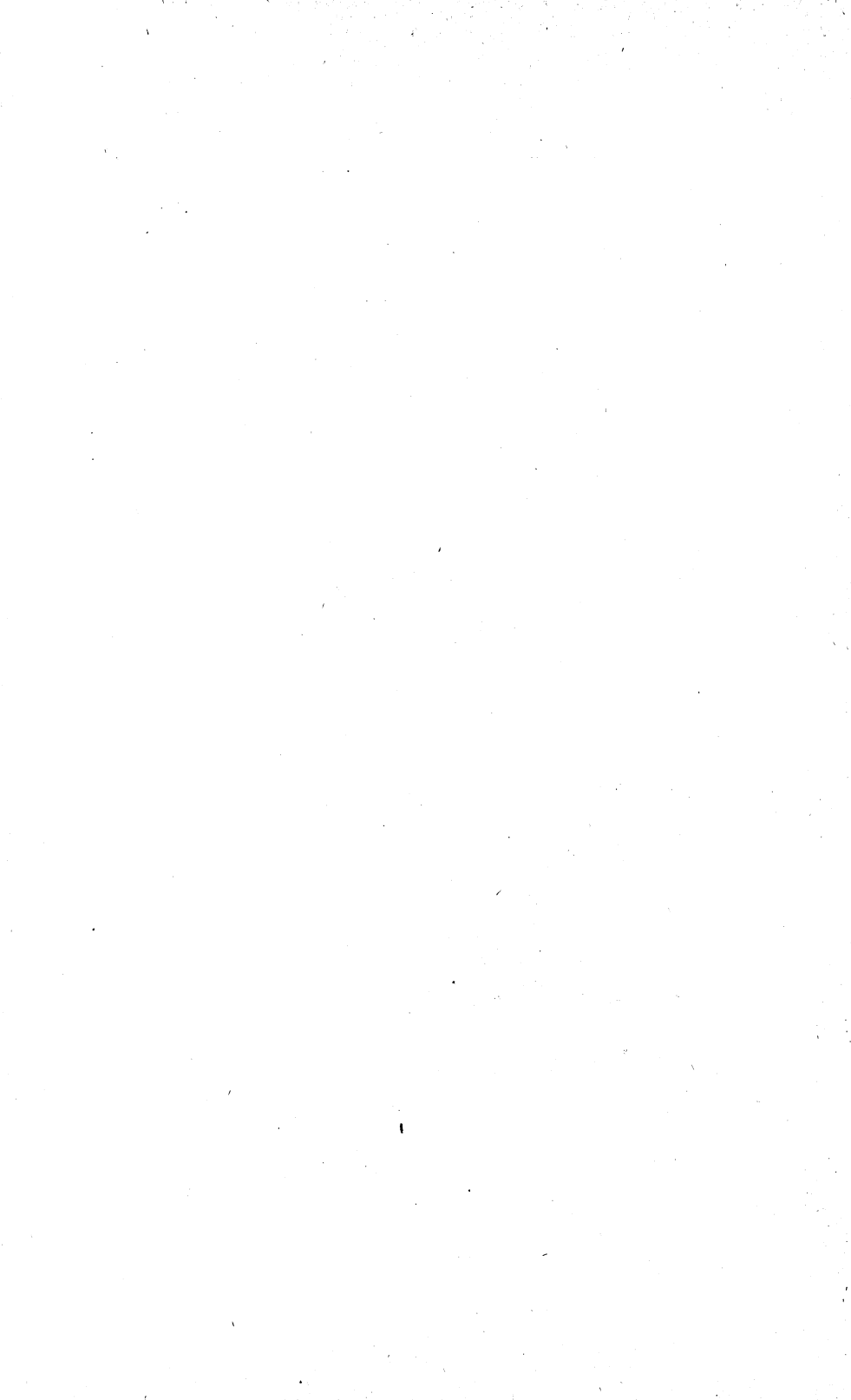
The following table contains the results of this experiment to the present time:

Plat.	POUNDS YIELD IN					
	1877.		1878.		1879.	
	Ears.	Stalks.	Ears.	Stalks.	Ears.	Stalks.
1	332	200	776	574	584	382
2	352	326	714	460	434	268
3	380	365	774	386	500	329
4	420	392	690	414	504	359
5	420	406	672	430	530	354
6	442	415	686	490	464	352
7	437	475	648	396	500	292
8	422	416	684	398	488	354
9	414	401	748	408	584	400
10	454	394	790	530	540	340
11	460	416	694	416	548	332
12	456	424	742	436	630	382
13	460	419	674	426	562	354
14	470	420	776	518	612	379
15	480	443	642	428	560	314
16	464	374	686	478	540	342
17	436	370	726	516	570	344

TWENTIETH ANNUAL REPORT
OF THE
BOARD OF TRUSTEES
OF THE
WISCONSIN
STATE HOSPITAL FOR THE INSANE
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:
DAVID ATWOOD, STATE PRINTER.
1880.



TRUSTEES AND OFFICERS.

BOARD OF TRUSTEES.

ANDREW PROUDFIT, MADISON, - - - Term expires April 1, 1880.
DAVID ATWOOD, - MADISON, - - - Term expires April 1, 1881.
JOHN A. JOHNSON, MADISON, - - - Term expires April 1, 1882.
H. N. DAVIS, - - BELOIT, - - - Term expires April 1, 1883.
KNUD HOEGH, - LA CROSSE, - - - Term expires April 1, 1884.

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LEVI ALDEN, OF MADISON.

Executive Committee— DAVID ATWOOD, ANDREW PROUDFIT.

Building Committee— ANDREW PROUDFIT, JOHN A. JOHNSON.

Auditing Committee— H. N. DAVIS, ANDREW PROUDFIT, JOHN A. JOHNSON.

Farming Committee— H. N. DAVIS, KNUD HOEGH.

Chairman Visiting Committee— DR. L. J. BARROWS.

RESIDENT OFFICERS OF THE HOSPITAL.

SUPERINTENDENT,

D. F. BOUGHTON, M. D.

FIRST ASSISTANT PHYSICIAN,

J. W. FISHER, M. D.

SECOND ASSISTANT PHYSICIAN,

OSCAR A. KING.

STEWARD,

GEORGE E. McDILL.

MATRON,

Mrs. MARY C. HALLIDAY.

TRUSTEES' REPORT.

MADISON, *September 30, 1879.*

To His Excellency, WILLIAM E. SMITH,
Governor of Wisconsin:

The Twentieth Annual Report of the Trustees of the Wisconsin State Hospital for the Insane is herewith submitted, and it is a pleasure to the Board to be able to state that the past year has been one of general prosperity in the institution. Excellent health has prevailed, and all matters pertaining to the management of the Hospital have progressed in a most satisfactory manner; and the results must prove entirely satisfactory to the people of the state, as they have been highly beneficial to the insane persons who have received Hospital treatment.

From the statistics furnished, a few figures will be presented, to show the people the great good that has been accomplished by this Hospital in the nineteen years of its existence.

In July, 1860, the Hospital was opened for the admission of patients. Since that time the number treated have been — fourteen hundred and eighty males, and thirteen hundred and seventy-five females — making a total of twenty-eight hundred and fifty-five. There have been discharged as *recovered*, four hundred and four males, and three hundred and eighty-four females — making a total of seven hundred and eighty-eight, or more than *one-quarter* of the whole number. There have been discharged, as *improved*, three hundred and thirty-one males, and two hundred and sixty-nine females — making a total of six hundred. There have been discharged as *unimproved*, two hundred and ninety-nine males, and two hundred and ninety-four females — making a total of five hundred and ninety-three, *not one-quarter* of the whole number. The number of deaths have been one hundred and ninety-eight

Trustees' Reports.

males, and one hundred and sixty-four females — making a total of three hundred and sixty-two.

The statistics of the past year are as follows: There were in the Hospital, Oct. 1, 1878, two hundred and two males, and one hundred and ninety-one females — making a total of three hundred and ninety-three. There have been admitted during the year, one hundred and three males, and one hundred and eleven females — making a total of two hundred and fourteen. There have been treated during the year, three hundred and five males, and three hundred and two females — making a total of six hundred and seven. There have been discharged as *recovered*, twenty-one males and sixteen females — total, thirty-seven. There have been discharged as *improved*, nineteen males, and sixteen females — total, thirty-five. There have been discharged as *unimproved*, five males, and six females — total, eleven. The number of deaths during the past year, has been nine males, and seven females — total, sixteen. The number discharged during the year, has been fifty-four males and forty-six females — total, one hundred. There were remaining in the Hospital, September 30, 1879, two hundred and fifty-one males, and two hundred and fifty-six females — total, five hundred and seven. The daily average under treatment during the year, was four hundred and twenty-five.

From these figures, it will be seen that the number receiving treatment during the last year, has been greater than ever before, while the death roll is less than the average for the entire time the Hospital has been in operation; and in all ways, the statistics show satisfactory results, that must prove very gratifying to the whole people of the state.

The reports of the Superintendent and of the several committees set forth so fully the operations and improvements at the Hospital during the past year, that it seems entirely unnecessary to speak of them at much length in this report. The conversion of the old chapel into wards for patients, has proved even a greater success than was anticipated by the Board when the work was undertaken. Very good room for fifty-eight patients has been provided by this use of the old chapel, and it has been procured at slight expense.

Trustees' Report.

Various other improvements have been made to the Hospital of much value during the past year, and they are fully set forth in the several reports of the Superintendent and committees.

The pressing calls for admission to the Hospital from various parts of the district, suggested to the Board the propriety of doing all in its power to relieve these wants; and the result was, a decision to erect four cross wings projecting from the front of the longitudinal sections, so as to give airy rooms for patients as day rooms, and thus relieve the rooms now used for that purpose, to serve as dormitories. There being twelve of these rooms, each capable of containing ten beds, they will add materially to the capacity of the Hospital, as well as being a valuable improvement in the management of the wards, and in the general appearance of the building.

When the improvement is completed, the capacity of the Hospital will have been increased so as to accommodate comfortably 550 patients. This increased capacity for not less than 180 patients has been attended with but slight expense, and is an improvement that would be justified on account of extra convenience and appearance of the building, even did it not afford room for a single additional patient. We look upon this as one of the very best expenditures that has ever been made in the institution, affording the largest amount of good at the smallest proportionate cost. Such must be the conclusion of all intelligent persons who take the trouble to examine the premises after the improvements are completed; and they will be ready for use during the autumn. Reference for full details of this work is made to the Superintendent's report.

A new boiler, of the latest and most highly approved kind, has been put in place during the past year, and a new heating apparatus for the east wing. The work seems to have been well done, and is satisfactory to the Board. While the Board hesitate to ask an appropriation for it, no doubt is entertained but it would be wisdom on the part of the state, for the next legislature to provide for a similar improvement for the heating of the remaining portions of the Hospital buildings. The old heating apparatus is in bad condition; very much worn, and liable to fail at almost any time, and

Trustees' Report.

it is with serious difficulty that it is made to warm the several wards so as to render them as comfortable as is desirable. Very great improvements have been devised in the apparatus for heating buildings since this Hospital was erected, and it would be very desirable to have them introduced in every department of the State Hospital; and it would result in such saving of expense, in running the institution, as to render the appropriation one of undoubted economy. We commend an examination of this matter to the members of the legislature, in the hope that they will view the subject in so favorable a light, that they will make an appropriation for the changing of the heating apparatus at the coming session, so that the work may be completed during the present year.

The estimates for the financial necessities of the Hospital for the next year are as follows:

To meet current expenses from March 1, 1880, to March 1, 1881..	\$121,550 00
To meet expenses of maintaining patients in excess of estimated number from Oct. 1, 1878, to March 1, 1880.....	22,866 00
	<u>\$144,416 00</u>
Deduct amount to be received from counties.....	41,893 00
Leaving amount to be appropriated.....	<u>\$102,523 00</u>

SPECIAL APPROPRIATIONS.

Furnishing for 200 patients and employees	\$12,000 00
Building four cross wings.....	8,000 00
Heating apparatus for same	2,000 00
Closets and wash rooms in new wards.....	1,000 00
Covering steam pipes to save heat.....	1,500 00
New floors	1,500 00
Dry house for laundry	1,800 00
Cementing basement floor and air ducts.....	1,500 00
Repairs of carpenter's shop.....	1,000 00
New reservoir	600 00
New wash basins and sinks in six old wards	900 00
Medical library and instruments.....	500 00
	<u>\$32,300 00</u>

The item for current expenses for the next year, is based on an average population of 550, at \$4.25 per week each, which is fifty

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cents per week each *less* than the estimate of last year. The other items are so fully explained by the Superintendent, that it is not necessary to say more in this report. They have been carefully examined by the Board and approved, and they are deemed so essential to the proper running of the Hospital, that this appropriation by the Legislature is earnestly requested.

A reference to the report of the products of the farm, will show that it has been well managed, and the results are eminently satisfactory. The operations of the dairy have fully met the most sanguine expectations of the Board, when it authorized that department; and the running of it has now become so thoroughly systematized that its future operations will be more remunerative than the past have been. The stock upon the farm is in excellent condition.

Since our last report, Dr. Clark Gapen has resigned the position of first assistant physician, and has been succeeded by Dr. J. W. Fisher; and Dr. Oscar A. King has been appointed second assistant physician. In other respects, the officers of the Hospital remain as they were last year.

The Board takes much pleasure in being able to make so favorable a report of the condition and operations of the Hospital, and entertains no doubt but the legislature will extend the same liberality towards it as it has done in the past, and that its future prosperity is an assured fact.

All of which is respectfully submitted.

DAVID ATWOOD,
President.

LEVI ALDEN, *Secretary.*

Superintendent's Report.

SUPERINTENDENT'S REPORT.

To the Board of Trustees of the Wisconsin State Hospital for the Insane:

GENTLEMEN: I herewith submit to you the twentieth annual report of the Hospital, and for the fiscal year ending September 30, 1879.

That a fair degree of success has attended the labors of the past year, is shown by the statistics of the various departments of the institution, which follow in their proper places. At the beginning of the year, there were 393 patients in the Hospital. There were admitted 214, and discharged 100, leaving an increase of 114, or a population of 507 at the close of the year. Of those discharged, 37 were recovered, 35 were improved, 11 were unimproved, 1 was discharged for lack of evidence of insanity, and 16 died. The total number treated during the year was 607, and the daily average 425.14. Of those who died, four were brought here in a dying condition and survived only a day or so after their arrival. This would reduce the number of deaths to 12, of those who really received hospital treatment here. The number of deaths this last year as compared with the average population, gives a mortality of less than three per cent. The usual mortality lies between seven and eight per cent., according to our past reports, when estimated on the average population. For some reason not known to us, the habit formerly was to estimate the mortality on the basis of admissions; this is unphilosophical, and without point or meaning. We have changed table No. 15 for the above reason. The reduced mortality may be largely accidental, but it does not argue a bad sanitary condition of the hospital during the last year.

The large number of insane in this hospital district who have no

Superintendent's Report.

hospital accommodations, has made the pressure upon us for admission very great. We have not been able to resist these appeals on the one hand, nor to longer find room on the other. We have found during the last year, that our excess of population, together with our limited conveniences, were really prejudicing the interests of those already here. There have been appeals from families to relieve them from the burden of an incurable member, whom they had cared for for years, but could no longer do so on account of increasing danger to the family, and the fact that the constant care was paralyzing their efforts at other labor which was necessary for the support of the family. They could not consent to consign the insane member to the county jail or poor house. Their only hope was in the hospital. We could not but receive them, and yet these constant indulgences were increasing our already too large population. When we attempted to make room by returning incurable cases to the custody of the counties, the county authorities would plead against it, saying they had no means to make them even comfortable. We can readily believe this, when we consider, that in the county house the insane must often be secluded from the rest; that is to say, must be shut up in a room having no stove, cold and comfortless. If filthy, there is not help enough employed to keep them clean, and they are often cold, filthy and wretched. Now, when we look at the actual number that need hospital care, compared with the small number of those who receive it, we find something like the following: The number of insane in the district of the State Hospital is about 700 to 800, while the capacity of the State Hospital has been only from 350 to 380 patients. Every autumn, just before the setting in of cold weather, we have had to reduce our summer's population of 400 down to 340 or 350, to avoid the danger of over-crowding during the winter, when abundant ventilation could not be had by opening windows, and when patients could not be kept out of doors, as in the summer. At each such effort to reduce our population, we have met with such resistance as to convince us that the lack of accommodation in this hospital district was sorely felt by our people.

This pressure against removal and relief to us, has been growing greater constantly. Some of those connected with the interests of

Superintendent's Report.

the insane in this district, have been led to believe that the erection of the hospital at Milwaukee would operate finally to relieve this district. This is an error. When Milwaukee county removes all her patients from the Northern Hospital, there are enough insane in the district of that hospital to step in and fill all vacancies so caused in that institution and still leave a goodly number unaccommodated. So that were the Milwaukee Hospital to be furnished and filled to-day, it would afford no relief to the insane of this district. In fact, it is a question if it will much more than hold the increase in our insane population since the institution was begun. In view of the pressing need of room for the insane in this hospital district, and as no prospect of relief appeared in the immediate future, and in view of the fact, also, that increasing our population would cheapen our per capita expense, your board at its second quarterly meeting in April last, began the consideration of the question of, in some way, increasing the capacity of this institution. The result was, that it was decided to construct four cross wings projecting from the front of each longitudinal section, toward the south.

These projections are each three stories in height, and by connecting with the old alcoves, gives us twelve splendidly lighted, airy rooms, 13 x 28 feet, connected by an arch with the center of the corridor of each ward. These rooms we will use for day rooms, and use the former day rooms for dormitories. This change very much improves the working and management of all our wards. For instance, it enables one attendant, standing opposite the arch communicating between these new rooms and the corridor, to observe every patient in the hall at any time, and thus allows one attendant to maintain as good a watch over the 50 patients that the wards will contain, as two could do over the 35 patients formerly, when a part were on the corridor and a part in the day room, opening on it by a small door. Some changes have been made in the furniture and other matters which affect the entire population, which was made necessary by our increasing numbers. This change gives us twelve more large dormitories, capable of containing ten beds each, so that with the change in the old chapel we have increased our capacity for 180 patients. Now we have made all the

Superintendent's Report.

necessary changes, and provided all the furniture needed to accommodate the 180 more patients, or a total of 550, and the cost per capita has been less than \$140, including building and furnishing, and all the various modifications required to accommodate so large a number. Now up to this time, while the population of the hospital lay under 380 patients, the average cost per capita never, in the most favorable years, fell under \$4.75 per week. We think now that we can maintain 550 at a cost of \$4.25 per capita per week. Thus it will be seen, that while these improvements have relieved 180 more of our unfortunate insane, at the same time it has reduced the cost per capita fifty cents per week, or in round numbers \$10,000 per year, on the original population of the hospital.

The resulting saving on our original population will pay the entire expense of building and furnishing for 180 more, in a period of less than three years. Now it is a matter of record that from \$60,000 to \$100,000, or four times the cost of our recent enlargement, has been repeatedly asked of the legislature to furnish buildings alone for this number of patients. And it will be also seen that the original cost of the building of the State Hospital was from eight to ten times this cost per capita, to say nothing of furnishing. It will, of course, readily appear that this is not because we have built so much more economically, but because, having all the essentials for the care of a large number of patients already, we really only have to provide sleeping room for whatever number we propose to add to our population, and then add the requisite amount of furniture. Such expensive requisites to a hospital as boilers and engine house, with their equipment, laundry, workshops and machinery, barn and out-buildings, water and gas works, kitchen, etc., are already here in size and capacity sufficient for twice our former population. This is why it costs so little to provide for more patients in a well equipped hospital, and is a good and sound reason why, if economy is the criterion, it pays to enlarge our existing hospitals. That this principle has been recognized by most of the other states, is shown by the fact that, until just now, this institution was one of a half dozen of the smallest state institutions in the entire north, out of a list of something like sixty state institutions, and even with its future capacity of

Superintendent's Report.

550 patients, is below the average population of modern hospitals.

Now it would seem that a saving of \$10,000 annually on the original number of patients kept here, will of itself justify the enlargement of the hospital even before an appropriation was made for the purpose. The plan was put into execution in a month after it first occurred to us; while to have waited till the next session of the legislature would have delayed the matter a year, and we must have had to estimate our cost of maintenance \$10,000 higher for that year than we have done. Taking this view of it, it seemed to us, that if by proceeding at once, we would not only relieve the distress of the insane who were uncared for in our district, but would save \$10,000 in our running expenses for the year, in the support of our original population, it seemed that we would be fully justified in anticipating the appropriation for this purpose.

We are happy to say, in conclusion, that not a patient in this hospital district is to-day denied admission to the State Hospital — a condition of things that has not before existed for many years.

It may not be out of place in this report to review briefly the improvements that have been accomplished within the past three or four years. The entire roof of the hospital, which was formerly laid of slate at so low a pitch that they were swept off in loads at every high wind, left only two alternatives — one was to raise the pitch of the roof, if slate was to be used, or else, retaining the present pitch, to use shingle or metal in place of the slate. To change the pitch of the roof would be an expensive job. Shingle would make the cheapest and safest covering. This covering was adopted by the Building Committee. The only drawback is, it is not fire-proof. Pine and cedar shingle dipped in oil, were used. New iron stairs have been placed in either extreme of the building, running from basement to attic. Before this was done there was only one way of escape in case of fire from the six extreme wards, and it was possible for a fire occurring in certain points, to cut off at least two hundred people from any means of escape, and as the windows are guarded with iron scroll work, no escape was possible. Now there is a means of escape at each end of all our

Superintendent's Report.

twelve wards, so that it is impossible for any one to be cut off from escape in case of fire. These stairs are all fire-proof, and the stairways cannot even get hot. The entire hospital has been newly painted, inside and out, with three coats of lead and oil.

The wood working shops and also iron working shops have been newly fitted out with new machinery, enabling us to do all repairs whatsoever, and also to manufacture anything that we need. Our bill for repairs at the foundry and machine shops, and for boilers, was never less than about \$1,000 yearly, sometimes more. We now do all this work ourselves. Our machinery consists of one engine lathe, 20 in. swing, 10 ft. bed. One iron planer, power feed, 5 ft. x 3 ft. x 2 ft. One power drill, 16 in. swing. One bolt and nut threading machine. One pipe threading machine, and all the necessary and auxiliary tools for the above machines.

In the wood working shops are a double surfacer, a moulding machine, with four heads (upper and lower being 8 inches), a shaper, a band sawing machine, slitting and cut-off saws, a turning lathe, a Buffalo pony planer, a foot mortising machine and a panel raising machine; also a sand papering machine. All these have been purchased during the last three years except the pony planer and the slitting and cut-off saw.

The entire list of machinery in the two shops which have been purchased in the last three years, will inventory at present value \$3,000. They save us in repairs alone one-third that sum, yearly. What we do in the way of manufacturing is of course an outlay, and the apparent result is not perhaps that we spend less money, but that we have more and better furniture and do much in the way of building and the like, that we must go without were it not for the machinery. I am not sure that very much machinery for an institution of this kind will make the expenses actually less, but it will certainly place very many conveniences, and even necessities, in reach that can be had by making them, which, if purchased outright, could never be had at all, in the way of furniture and substantial repairs and improvements, and thereby elevates the efficiency and character of the institution. It is a fact, however, that the additional machinery put into the laundry during the past year has enabled us to wash for a household increased from 450 to

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550 persons with scarce any increase in the expense; and as the year closes and our household is increased by 150 from what it formerly was, the increased cost of running it is hardly perceptible.

The improvements and additions to laundry consist of a new stone floor laid in cement in washroom and two soap rooms. A new centrifugal wringer, a new reverse motion washing machine and a shirt ironer, beside a complete new outfit of trucks, and new apparatus for soap making. The saving in soap alone is \$1,000, since we make both bar and toilet soap. The total cost of all the above is about \$3,000. The entire system of water closets and bath rooms of the original twelve wards has been reconstructed, substantial stone floors four inches thick have taken the place of the old loose, shaky tile floors, two stools have been placed in each closet instead of one, and in all wards where filthy patients are kept a special bath tub has been provided for them. The entrances have been retired, and a thorough downward ventilation to the smoke stack has been secured, which keeps the air pure when the stack is working, which is perhaps three-fourths of the time.

A complete new water system has been constructed, bringing us water from the lake at a depth of 26 feet, and capable of supplying us 600 to 800 barrels per hour continuously. Two large duplex pumps are placed in the new pump house, one with a capacity of 600 barrels per hour, and the other capable of supplying from 800 to 1,000 barrels per hour. Both these pumps are connected with our supply pipes as well as with our fire pipes. Should one break, the other can do its duty till it is repaired. Any needed repairs we can do here, even to the rebuilding of either one, which we did do recently to one of them. We have also completed a reservoir in the form of an artificial lake holding 30,000 barrels, which is connected with either pump, and in case of fire, supplies about 2,000 barrels per hour to the pumps. We have abundant hose attachments at all necessary points to enable us to protect any or all our buildings, and hose enough to do it. In case of any accident to our main pipe running to the lake, our reservoir will give us 15 days' full supply, or, by using carefully, will supply us with water for 30 days or longer, giving us time to make any necessary repairs. Four sheet-iron tanks have been constructed, holding in the aggregate 1,000

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barrels. This water being essentially soft, relieves our boilers from scale.

New coal gas works have been constructed and are working well. A large barn has been erected, having a total capacity greater than all our other barn buildings. This was a necessity to dairy farming.

A fine new engine of large power has replaced the old one. A new Firminich boiler of 150 horse-power has been put in place and is giving splendid results. It is absolutely non-explosive and capable of carrying 150 pounds steam if needed. The efficiency of our fire apparatus rests upon this powerful boiler and the large reservoir above mentioned, which is placed 32 feet above the pumping engine, and delivers its water under this head through a six inch pipe, which, instead of being a suction pipe, is really a supply pipe, having a pressure of 14 pounds per square inch.

The whole 14 wards have been almost refurnished with everything, scarce anything being left of the old furniture but a few beds, tables, chairs, etc. The rear center building has been furnished throughout from current funds, and nearly all of the rooms in the fourth story of the main center building; the discarded furniture being used some in the wards and elsewhere as needed.

At least \$2,400 has been expended in new floors, half of which sum came from current expenses, that is, the whole appropriation was expended for flooring, and the floors were dressed, laid and finished with our own help, thus making the fund go twice as far as though it were let by contract.

Last, but not least, a new heating apparatus has been placed under the entire east wing, which we hope will give great economy in heating the building. The steam main from the boiler house up to first branch is now a twelve-inch pipe, having just four times the capacity of the old one. The radiators are the improved Gold Radiator, and by a tank placed at a proper height in the boiler-house, a perfect water seal is maintained on the entire apparatus, which has an automatic overflow—thus doing away with the troublesome and expensive attachment of steam traps.

It will thus be seen that the entire institution has been re-modeled in all its important workings. The prime necessities of water,

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light, power, safety from fire, have all been brought to the highest point of perfection, while that of heat is nearly half done. We have now arrived at a point where little will be required in the future save mere running expenses. Three years ago, we were behind the times in almost every essential; our appliances were small and inefficient. Now we stand foremost in all that pertains to the means for the successful conduct of our daily work. These improvements have not been got without great expense. In many cases we made our estimates so close that we had to draw upon current funds to complete the improvements, and in but one or two cases have we asked to have this re-appropriated to us. Not for many years will it again be necessary to tax our current funds so severely to make improvements, nor shall we again find it necessary to estimate our current expenses so high.

In asking for appropriations to begin a dairy in connection with our farming operations, we have urged that the result of this, in connection with a well conducted garden, would be to diminish the cost of maintenance. We are now able to show that this result has been obtained to a marked degree. Up to the time of our first efforts in the direction of a dairy, our total average population was about 450 persons, including employees and all. During the same period, the yearly cost of subsistence was about \$26,000, on an average. Now, during the last three years our population has steadily risen until last year, when the average reached about 550, including our own employees, and the men working on contract, whom we boarded. During these three years when our population was increasing, our cost of subsistence has been rapidly diminishing, until during the last year, with a population of 550, our cost of subsistence was something over \$16,000, or a decrease in round numbers of \$10,000, while there was an increase in population of 100 persons. Now, there are three reasons for this great saving: first, the amount of food furnished by the garden, dairy, and other farm products; second, the depreciation in price of such articles as we purchase; third, the system of issuing stores to the kitchen in stated quantity, and keeping a sharp surveillance over the waste, etc. I should say, however, that the increase of population would counterbalance the effect of the fall in prices, for the increase has

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been about twenty-two per cent. It is doubtful if the fall in prices has been that much. But suppose it to be so — that leaves \$10,000 saved by the products of farm and garden and careful management of supplies. I should say that at least \$8,000 of this comes from the farm and garden. In fact, I believe that the farm and garden do even more than this, for I doubt if the fall in values has been enough to counteract twenty-two per cent. increase of population, and am of opinion, that at least \$2,000 more ought to be credited to farm and garden as saving in cost of subsistence. I anticipate that during the next year, with an increase of 100 more patients, that if prices remain the same our cost of subsistence will hardly be increased from what it is now. It will certainly fall inside of \$20,000, and I think inside of \$18,000.

With the \$3,000 appropriated by the last legislature, the following work has been done: The old chapel, which was two stories in height, was divided by a floor into two stories; each of these stories was divided into four rooms for dormitories. Of the eight dormitories thus obtained, two contain five beds each, two six beds each, and the remaining four contain nine beds each; making fifty-eight beds in all. Each of the two dormitories of five beds, have also a wardrobe sufficient to contain all the clothing and extra bedding of the respective wards on which they are located.

We got dining rooms by taking enough of the large center corridors for that purpose, and cutting across with a glass partition. This brings the new dining rooms exactly between the old dining rooms of the adjacent male and female wards, and thus enables us to bring the food up on the old dumb waiters, and saves the cost of constructing a new one. China closets are constructed in each. These two wards are denominated the 7th male and female respectively, the lower one being used for the men. For this ward the amusement room is used as a day room, and being supplied with closets and wash-room, has answered; but these rooms should be reconstructed and refitted. The attendants lodge in the rooms adjacent. On the upper ward, the old closet and bath-room formerly used by the occupants of the center fourth story, is now used by the ward, while one of the adjacent rooms formerly used by employees, is now used as a patients' day room, while the other

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room is used by the attendants. By making this arrangement we have found room for sixty patients, where we only promised room for thirty.

To reconstruct the closets and make a bath room for the seventh male ward, will require an appropriation of \$500. To divide up the large closet and bath in the center fourth story, and restore those conveniences to the occupants of the lodging rooms in the front of the fourth story center, will require \$500. This necessity is imperative, as the officers' guests and others lodging in those rooms, are deprived at present of any of the conveniences of water closets and bath room.

The conveniences in the amusement room, for this purpose, are not only utterly inadequate, but, having wood floors, are constantly leaking down into the rooms below. They are also very offensive.

With the remainder of the \$3,000, we constructed ten rooms for employees in the attic of the rear center, having ample accommodations for twenty or thirty employees, including all those displaced by the changes made in the construction of the new seventh ward.

The only conveniences for hand and face washing in the rear wards at either extreme of the hospital, *i. e.*, the second, fourth and sixth wards, male and female respectively, are the single basins in the old bath-rooms, which were put in on the original contract, and were designed to accommodate, at the utmost, twenty-five patients on a ward, and were really inadequate for that number. Those wards now average about fifty patients each, so that it is no longer possible for all to cleanse their hands and faces in the wash basins in time for meals. The same inadequacy is felt in the fourth stories on both sides, making in all ten rooms to be fitted up with hot and cold water and basins for hand washing, and sinks, for which purpose \$100 per room is a low estimate, or \$1,000 for the whole. The present piping, which is so small as to be clogged almost daily, should be replaced with a larger size, and it should be galvanized. The old pipes are of plain iron, and so badly corroded as to be very leaky.

Two years ago we began the excavation of a reservoir or artificial lake, the use of which has already been explained, as an adjunct

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to our water supply and fire apparatus. It contains 30,000 barrels of water, and would supply us with water during a month, should repairs become necessary to the pipe going to Lake Mendota. As it is placed 32 feet above the fire pumps and supplies them through a six inch pipe, it gives us three or four times as much water in case of a fire, as we could possibly draw from Lake Mendota. In fact this reservoir is the one thing that completes our equipment for water, and makes our entire system an accomplished success, unequalled in efficiency, so far as I know, by that of any other hospital in the country. Now we have twice puddled this reservoir clay, but have not been able to make it tight, and have had to resort to hydraulic cement. To complete the reservoir with a coat of cement we need an appropriation of \$600. For the construction of it, we have asked nothing, but have done it within ourselves. Since the construction of this reservoir we have had an obstruction to our main pipe, caused by its sinking in the mud in the lake, but thanks to the supply of water stored up in the reservoir, we were enabled to repair our main pipe and scour the mud out of it that had settled all along its course, by merely turning on the water from the reservoir, without which we do not know what we could have done.

We require the usual appropriation of \$500 for medical library and instruments.

A serious accident, which came near being fatal to the Superintendent and several of the employes of the hospital, occurred recently in the carpenter shop. A weight, of something like twelve tons of walnut lumber, had been put in the attic immediately on the completion of the building over six years ago. We have used it up and replaced it several times since then. Upon assuming charge of the hospital three years ago, I asked of our mechanics if this floor was safe with its weight, and received the natural reply, "If it has lasted three or four years, why will it not always last?" However, the constant vibration of machinery had started it gradually, and finally, one day while myself and two carpenters were placing a new machine, the whole floor above with its twelve tons of lumber, came crashing down upon us. The machine we were placing received the blow that would have crushed us, and partially broke its force. The mass, however went on through the floor we

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stood on, smashing up machinery, pulleys, etc., and ruining the whole line of shafting. To repair this injury cost us \$1,000, but as it had to be repaired at once, in order to allow our workmen to proceed with their work, we had to replace this from our current funds, and they should again be reimbursed to the amount of \$1,000.

A large part of the basement floor of the hospital, together with the floors of the large air-ducts leading up from the engine-house, have never been cemented, but still consist of a surface of the natural soil. Now, all the air coming from the heating apparatus into the rooms comes over this soil floor. These air-ducts and the basement are traversed with the sewer pipes leading from all the closets to the main sewer. All sewers are more or less liable to clogging, especially soil pipes in insane hospitals, on account of the patients mischievously putting all sorts of things, as rags, and even articles of clothing, into them. An overflow is the result, and they have always occurred here more or less. Every overflow saturates the soil floors with sewage, and it is impossible to cleanse them, a part of the sewage being retained in the soil. Anyone can see that the air passing over this polluted soil into the rooms must be impure and offensive, if not injurious. These floors should be coated with a waterproof cement, so that they can be scrubbed and cleaned. It will cost to do this and to repair what has been done years ago, \$1,500.

Two or three years ago we asked for an appropriation for a larger and better drying-room for the laundry — which was finally deferred. Ever since then our population has been increasing, and the want has become more pressing. We are now washing 15,000 articles per week, instead of our former number of 7,000 to 8,000. It is only by drying out of doors that we have got through the past summer. To get through the winter is impossible. Unless we have a drying room built at once, our patients must wear unclean clothing and sleep in unclean beds. This would expose us to greater and better founded censure than to incur the expense of a dry house. The need is imperative and cannot be put aside. I recommend the erection of a proper building at once, and to ask for the cost of it to be appropriated by our next legislature. The contractor is willing to give us the building, ready to use by December 1st, and wait for

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the appropriation. The amount of the contract is \$1,800, while we have enough of old pipe and material to put in the heating apparatus. The building is 30x40 feet, with a 7 foot basement and 12 foot story, and contains 96 drying bars or frames, 12 feet long by 11½ feet high, strung with galvanized wire. The whole is heated with steam coils in the basement. The sides and roof are to be of sash glazed, so that a flood of light on the clothing has the effect to bleach them instead of turning yellow, as they do in the present dark, unventilated room. We shall then be able to dispense with the destructive methods of chemical bleaching.

There is and always has been a large quantity of steam pipe unprotected by any kind of covering to prevent loss of heat by radiation. The waste of fuel from the escape of heat must be an important loss during a year, and it is a loss, since the escaped heat does not enter the rooms we are trying to heat. As the entire east wing has been supplied with a new heating apparatus, and none of this pipe has been covered, and when we add to this all the main pipes unprotected, and many pipes in the old system, the amount of pipe to be covered is considerable. There are about 500 feet of 12 inch pipe, nearly as much both of eight inch and six inch, besides all the smaller sizes down to one inch. It will require to do the whole of this \$1500, and the necessity is imperative.

During the past year we have refloored from the special fund, five ward dining rooms and three ward corridors, besides four day rooms in the wards. This has all been done with alternate strips of sugar maple and cherry. The superintendent's office and the medical office have been refloored in the same way. We still have a great deal of soft pine floor, some of which we paint every year, and some has become so worn and saturated as not to be fit for painting. Especially in the wings where filthy patients are lodged, where the floors have to be mopped and scrubbed every day, the pine brooms up like a sponge and retains the filth, so that cleanliness and freedom from bad odor are impossible. Painting is alike impossible. A new floor is imperative, and hardwood is the only material that will answer permanently. When it is considered how many years these floors have lasted, and how poor they were at first, it will be conceded that they have served their full time. Aside from this, it is not econ-

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omy to keep a large floor surface that must be painted every year. These floors have already cost more to paint than would supply the new floors we now ask for. A little oil once a year will keep the new hardwood floors in perfect repair. This will effectually prevent them from absorbing filth as our soft pine floors do. Oftentimes when one of these pine floors has become soiled, it is a whole season before they cease to give out an offensive odor. Hardwood floors should be substituted for reasons of cleanliness, durability, the ease with which they are cared for, and for their economy. We ask for \$1500 for this purpose.

The estimate of the current expenses of the hospital have been provided for as follows: From October 1st, 1878, to March 1st, 1879, on an estimated population of 380 patients, and from March 1st, 1879, to March 1st, 1880, on a population of 400 patients. Now our average from October 1st, 1878, to October, 1879, was a fraction over 425; that is to say, we exceeded the estimated population from October 1st, 1878, to March 1st, 1879, by 45 patients, and from March 1st, 1879, to October 1st, 1879, by 25 patients, making in all an excess of 45 patients for 151 days, and an excess of 25 patients for 214 days, or a total of 12,145 days, or 1,735 weeks' maintenance, which, at \$4.60 per week, the rate allowed, makes \$7,981 to which we are entitled for maintaining more patients than we received appropriation for. Our current fund should be reimbursed to this amount for this work.

Now this excess of population, together with the entire increase for which room has been provided, which will bring our population up to 550 patients, we have provided with furniture, beds, bedding, seats, dishes, etc. The increased number of attendants required have also been furnished. This required furnishing for 180 patients and about 20 more employees, or 200 persons in all. The cost of this was about \$60 per capita, or \$12,000. This sum added to the above makes \$19,981 to be appropriated to reimburse us for maintaining and furnishing for extra population up to October 1, 1879.

Now the appropriation from October 1, 1879, to March 1, 1880, was on an estimated population of 400 patients. We shall average 550 for the year, so that 150 more are to be provided for; this

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will amount, at the rate allowed, to \$14,885.71, which should also be appropriated.

From March 1, 1880, to March 1, 1881, we shall try to run on \$4.25 per week, and we shall average at least 550 patients.

It will be seen that this estimate is from 50 cents to 75 cents per capita lower than we have ever before estimated. The reason for it is our increased population, and the reduction on the original 380 patients amounts to from \$10,000 to \$15,000, which we expect to save to the state annually. It will also be seen that this saving for less than three years to come will pay the entire cost of building and furnishing for the increase of the 180 patients. The amount required to maintain 550 patients from March 1, 1880, to March 1, 1881, at \$4.25 per capita, is \$121,650. There will be due from counties and other outside sources, about \$42,000, deducting which, leaves \$79,757.00 to be appropriated.

RECAPITULATION OF APPROPRIATIONS NEEDED TO CURRENT FUNDS.

For maintenance of patients in excess of estimated population, from October 1, 1878, to March 1, 1879	\$22,866
For maintenance of 550 patients from March 1, 1880, to March 1, 1881, at \$4.25 per week, \$121,550; less money to be received from counties and other outside sources, \$41,893.....	79,657
Current fund, total.....	<u>\$102,523</u>

FOR SPECIAL PURPOSES.

Furnishing for two hundred patients and employees.....	\$12,000
Building of cross wings	8,000
Heating apparatus for same	2,000
Closets and bath rooms in new male ward.....	500
Closets and bath rooms in fourth story of center building.....	500
Covering steam pipes to prevent loss of heat.....	1,500
New floors.....	1,500
Dry house for laundry	1,800
Cementing floor of basement and air ducts.....	1,500
Medical library and instruments.....	500
New wash basins and sinks in six wards.....	900
Repair of accident to carpenter shop.....	1,000
To complete reservoir.....	600
Total.....	<u><u>\$32,800</u></u>

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Among the above items, the sum of \$7,981 for excess in maintenance over and above our estimate, and also the \$12,000 for furnishing, and the \$1,000 for repair of accident to carpenter shop, are all to be regarded as deficits in our current expense during the last fiscal year. The sums have already been expended. Also, the sum of \$14,885 for excess of maintenance up to March, 1880, on 150 patients more than we had estimated in a deficit that will have been incurred by March 1, 1880. The sum of \$8,000 for building cross-wings, and \$2,000 for heating them, are deficits for the current year, and the sums will have been expended between October, 1879, and January 1, 1880.

We wish in this connection to reiterate and emphasize the fact, that the construction of the four cross-wings and other improvements that have resulted in increasing our capacity by 180 beds for patients, has enabled us, on account of the increased population, to reduce by \$10,000, at least, the estimate for maintenance of the original 380 patients which constituted our population before this enlargement.

Now, had we delayed the matter and asked the appropriation of means for the enlargement first, and done the building next summer, we must in the meantime have asked for \$10,000 more than we now do to maintain the original population of 380 patients — that is, the delay of a year would have cost \$10,000, and the same for every succeeding year.

We deem this, together with the great amount of suffering relieved by it, a good reason for having moved promptly and anticipated the appropriation.

We have been specially gratified with the faithfulness and zeal displayed by each of our corps of assistant officers, as well as by our employees generally. The result of their devotion to duty has been abundantly apparent in the good order and cleanliness of the wards, the excellence of the work in all parts of the institution, as well as the substantial results generally of the year's labors.

Following in their proper places, are the reports of the steward, on expenditures, and of the farmer and gardener, on the products of their respective departments, and the report of the matron, on the number of articles made in the sewing room.

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We again express our gratitude to the Board of Trustees, for their hearty co-operation and support in all plans proposed to them for advancing the interests of the hospital, and for the courage with which they have assumed the unusual responsibilities thrown upon them in providing for our enlarged population in the absence of adequate appropriations. We trust that they are duly rewarded in seeing so large an additional number of the unfortunate insane comfortably cared for at so small a cost, and in the consciousness that there is not in this hospital district one insane person to whom hospital care is denied.

The following list of state papers has been sent us gratuitously, and have been keenly appreciated by our patients, who look with pleasure for the arrival of the news from their respective localities. We hope to see them all on our tables the coming year, and can assure the proprietors that no one copy of their paper has so many appreciative readers as the one sent here.

Appleton Crescent.
Appleton Volksfreund (G).
Badger State Banner.
Brandon Times.
Beloit Free Press.
Black Earth Advertiser.
Buffalo County Journal.
Buffalo County Republican (G).
Concordia, Green Bay (G).
Der Hausfreund, Milwaukee (G).
Der Northwestern.
Eau Claire Free Press.
Evansville Weekly Review.
Geneva Lake Herald.
Grant County Herald.
Germania (G).
Janesville Gazette.
Juneau County Argus.
Jefferson County Union.
La Crosse Republican and Leader.
Kenosha Telegraph.

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Lodi Valley News.
Mineral Point Tribune.
Mauston Star.
Manitowoc Tribune.
Polk County Press.
Pierce County Herald.
Rock County Record.
Ripon Free Press.
Reedsburg Free Press.
The Dodgeville Chronicle.
The Monroe Sentinel.
Waukesha Freeman.
Waupaca County Republican.
Watertown Waltbierger.

D. F. BOUGHTON,
Superintendent.

MENDOTA, WIS., *October 1, 1879.*

Statistical Tables.

STATISTICAL TABLES, 1879.

Table No. 1.

Movement of population.

	Male.	Female.	Total.
Remaining September 30, 1878.....	203	191	393
Admitted during the year.....	103	111	214
Whole number treated.....	305	302	607
Discharged recovered.....	21	16	37
Discharged improved.....	19	16	35
Discharged unimproved.....	5	6	11
Died.....	9	7	16
Not insane.....		1	1
Whole number discharged.....	54	46	100
Remaining September 30, 1879.....	251	256	507
Daily average under treatment.....	210.70	214.44	425.14

Table No. 2.

Admissions and discharges from beginning of hospital.

	Male.	Female.	Total.
Admitted.....	1,480	1,375	2,855
Discharged recovered.....	404	334	788
Discharged improved.....	331	269	600
Discharged unimproved.....	299	294	593
Died.....	198	164	362
Not insane.....	1	1	2

Statistical Tables.

Table No. 3.

Number at each age in the year.

AGE.	WHEN ADMITTED.			WHEN ATTACKED.		
	Male.	Fem.	Total.	Male.	Fem.	Total.
Less than 15 years .....	.....	4	4	4	6	10
Between 15 and 20 years	9	12	21	14	20	34
Between 20 and 30 years	33	30	63	24	28	52
Between 30 and 40 years	25	25	50	23	20	43
Between 40 and 50 years	17	24	41	14	18	32
Between 50 and 60 years	13	12	25	11	7	18
Over 60 years.....	6	3	9	4	3	7
Unknown .....	.....	.....	.....	9	8	17
Not insane .....	.....	1	1	.....	1	1
Total	103	111	214	103	111	214

Table No. 4.

Number at each from beginning of hospital.

AGE.	WHEN ADMITTED.			WHEN ATTACKED.		
	Male.	Fem.	Total.	Male.	Fem.	Total.
Less than 15 years	7	14	21	29	28	57
Between 15 and 20 years	81	76	157	124	116	240
Between 20 and 30 years	465	420	885	429	443	872
Between 30 and 40 years	330	374	704	305	345	650
Between 40 and 50 years	314	262	576	279	226	505
Between 50 and 60 years	170	142	312	140	103	243
Over 60 years.....	109	82	191	70	52	122
Unknown	4	4	8	104	61	165
Not insane .....	.....	1	1	.....	1	1
Total.....	1,480	1,375	2,855	1,480	1,375	2,855

Statistical Tables.

Table No. 5.

Nativity of patients admitted.

NATIVITY.	Within the year.	From the beginning.	NATIVITY.	Within the year.	From the beginning.
Austria.....	2	4	Indiana.....	3	34
Bavaria.....		10	Iowa.....	1	2
Belgium.....		1	Kentucky.....	2	8
Bohemia.....	2	30	Maine.....	3	49
Canada.....	3	70	Massachusetts.....	2	50
Cuba.....		2	Maryland.....		3
Denmark.....	1	19	Michigan.....	2	19
England.....	9	144	Missouri.....		3
France.....		5	Minnesota.....		1
Germany.....	23	470	New Hampshire.....	1	42
Holland.....		1	New Jersey.....		11
Ireland.....	18	318	New York.....	26	453
Isle of Man.....		2	North Carolina.....		2
Isle of Wight.....		1	Ohio.....	6	90
New Brunswick.....		7	Pennsylvania.....	5	89
Norway.....	29	207	Rhode Island.....		5
Nova Scotia.....	1	12	South Carolina.....		3
Poland.....		9	Tennessee.....	1	3
Sweden.....	2	27	Vermont.....	1	67
Switzerland.....	2	37	Virginia.....	1	8
Scotland.....	1	34	Wisconsin.....	48	295
Wales.....		37	On Ocean.....		2
Alabama.....	1	2	United States.....	3	6
Connecticut.....	3	43	Unknown.....	10	104
Illinois.....	2	24			
			Total.....	214	2,855

*Statistical Tables.***Table No. 6.***Residence of patients admitted.*

RESIDENCE.	Whole No. admitted.	Remaining	RESIDENCE.	Whole No. admitted.	Remaining
Adams	14	4	Marathon	3	.....
Barron	4	2	Marquette	12	.....
Brown	25	.....	Milwaukee	223	2
Buffalo	24	7	Minnesota	1	1
Burnett	6	3	Monroe	30	13
Calumet	12	.....	Oconto	14	.....
Chippewa	24	7	Outagamie	20	.....
Clark	7	1	Ozaukee	22	.....
Columbia	126	17	Pepin	10	5
Crawford	43	13	Pierce	34	15
Dane	301	68	Polk	24	7
Dodge	75	.....	Portage	16	.....
Door	4	.....	Racine	69	.....
Douglas	1	1	Richland	40	10
Dunn	46	22	Rock	170	33
Eau Claire	49	21	St. Croix	33	8
Fond du Lac	84	.....	Sauk	98	22
Grant	150	48	Shawano	3	.....
Green	88	23	Sheboygan	35	.....
Green Lake	19	.....	Trempealeau	37	14
Iowa	109	35	Vernon	42	22
Jackson	23	12	Walworth	106	17
Jefferson	70	.....	Washington	32	.....
Juneau	38	6	Waukesha	98	1
Kenosha	37	.....	Waupaca	19	.....
Kewaunee	3	.....	Waushara	8	.....
La Crosse	84	29	Winnebago	47	.....
La Fayette	69	18	Wood	4	.....
Manitowoc	36	.....	State at large	34	.....
Total .....	.....	.....	.....	2,855	507

*Statistical Tables.***Table No. 7.***Civil condition of those admitted.*

CONDITION.	IN THE YEAR.			FROM THE BEGINNING.		
	Male.	Fem.	Total.	Male.	Female.	Total.
Single	48	46	94	749	393	1,142
Married	45	54	99	628	825	1,453
Widows	7	7	7	127	127	127
Widowers	6	6	6	50	50	50
Divorced	4	4	4	4	14	18
Unknown	4	4	4	49	16	65
Total	103	111	214	1,480	1,375	2,855

Table No. 8.*Duration of insanity before entrance of those admitted.*

DURATION.	IN THE YEAR.			FROM THE BEGINNING.		
	Male.	Fem.	Total.	Male.	Female.	Total.
Less than 3 months	23	29	52	454	361	815
Between 3 and 6 months	7	9	16	165	184	349
Between 6 and 12 months	14	8	22	160	187	347
Between 1 and 2 years	13	8	21	168	145	313
Between 2 and 3 years	8	7	15	93	89	182
Between 3 and 5 years	9	11	20	88	97	185
Between 5 and 10 years	12	16	28	81	106	187
Between 10 and 20 years	6	10	16	43	55	98
Between 20 and 30 years	1	1	2	12	11	23
Over 30 years	1	1	1	1	3	4
Unknown	9	12	21	215	137	352
Total	103	111	214	1,480	1,375	2,855

Statistical Tables.

Table No. 9.

Recovered, of those attacked at the several ages, from the beginning.

AGE WHEN ATTACKED.	NUMBER ADMITT'D.			NO. RECOVERED.			PER CT. RECOVER'D		
	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.
Less than 15 yr.	29	28	57	2	5	7	6.89	17.87	12.28
Bet. 15 and 20.	124	116	240	50	40	90	40.32	34.48	37.50
Bet. 20 and 30.	429	443	872	125	143	268	29.13	32.28	30.73
Bet. 30 and 40.	305	345	650	89	85	174	29.14	24.63	26.77
Bet. 40 and 50.	279	226	505	74	62	136	26.52	27.43	26.93
Bet. 50 and 60.	140	103	243	36	17	53	25.71	16.50	21.81
Over 60 years .	70	52	122	25	19	44	35.71	36.53	36.06
Unknown.....	104	61	165	2	4	6	1.92	6.55	3.63
Not insane....	.....	1	1	.....	.....	.....	.....	.....	.....
Total.....	1,480	1,375	2,855	403	375	778	27.23	27.27	27.25

Table No. 10.

Recovered after various durations of disease before treatment, from the beginning.

DURATION OF DISEASE BE- FORE ADMIS- SION.	NUMBER ADMIT'D.			NUMBER RECOV'D.			PER CT. RECOVER'D		
	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Fem.	Total.
Less than 3 mo.	454	360	814	203	170	373	44.71	47.22	45.83
Bet. 3 and 6 mo.	164	187	351	69	69	138	42.07	36.90	39.31
Bet. 6 and 12..	163	184	347	33	49	82	20.24	26.63	23.63
Bet. 1 and 2 yrs	168	149	317	21	21	42	12.50	13.40	13.24
Bet. 2 and 3...	90	86	176	12	11	23	13.33	12.80	13.07
Bet. 3 and 5...	90	100	190	6	17	23	6.66	17.00	12.10
Bet. 5 and 10..	81	105	186	4	5	9	4.93	4.76	4.83
Bet. 10 and 20.	40	54	94	2	1	3	5.00	1.85	3.19
Bet. 20 and 30.	14	12	26	.....	.....	.....	.....	.....	.....
Over 30 years .	.....	3	3	.....	.....	.....	.....	.....	.....
Unknown.....	216	135	351	53	32	85	24.53	23.70	24.21
Total.....	1,480	1,375	2,855	403	375	778	27.23	27.27	27.25

*Statistical Tables.***Table No. 11.***Duration of treatment of those recovered, from the beginning.*

DURATION OF TREATMENT.	NUMBER RECOVERED.		
	Male.	Female.	Total.
Less than 3 months.....	116	68	184
Between 3 and 6 months.....	125	125	250
Between 6 and 12 months.....	105	121	226
Between 1 and 2 years.....	44	49	93
Between 2 and 3 years.....	8	16	24
Between 3 and 5 years.....	3	5	8
Between 5 and 10 years.....	2	1	3
Between 10 and 20 years.....			
Between 20 and 30 years.....			
Total.....	403	385	788
Average duration of treatment.....	8 mos.	9 mos.	8½ mos.

Table No. 12.*Whole duration of disease of those recovered, from the beginning.*

DURATION OF DISEASE.	NUMBER RECOVERED.		
	Male.	Female.	Total.
Less than 3 months.....	35	14	49
Between 3 and 6 months.....	82	67	149
Between 6 and 12 months.....	116	122	238
Between 1 and 2 years.....	73	88	161
Between 2 and 3 years.....	21	28	49
Between 3 and 5 years.....	12	18	30
Between 5 and 10 years.....	8	14	22
Between 10 and 20 years.....	2	1	3
Between 20 and 30 years.....	1	1	2
Over 30 years.....			
Unknown.....	53	32	85
Total.....	403	385	788
Average duration of disease.....	15.437	18.316	16.876

Statistical Tables.

Table No. 13.

Number of deaths from the beginning, and the causes.

	IN THE YEAR.			FROM BEGINNING.		
	Male.	Fem.	Total.	Male.	Fem.	Total.
Apoplexy.....				5	4	9
Bony tumor of brain.....					1	1
Cerebro-spinal meningitis.....					1	1
Chlorosis.....					5	5
Chronic diarrhœa.....				2	1	3
Cystitis.....				2		2
Cynanche maligna.....				1		1
Cancer.....				1	1	2
Cancer of larynx.....				1		1
Chronic pleurisy.....				1		1
Dysentery.....				5	3	8
Dropsy.....				1		1
Exhaustion from chronic mania.....	2	3	5	33	50	83
Exhaustion from acute mania.....	2		2	25	13	38
Exhaustion from melancholia.....				5	4	9
Exhaustion, senile.....	1		1	7	3	10
Exhaus of feeble and worn out cases.	1	2	3	12	11	23
Epilepsy.....	1		1	13	8	21
Fracture of skull.....				1		1
Gastritis.....					1	1
Gastro-enteritis.....				2	1	3
Gangrene of lung.....					1	1
General paresis.....	1		1	27	1	28
Inanition.....				1	2	3
Intemperance.....					1	1
Marasmus.....				2	4	6
Organic disease of brain.....				6	2	8
Osteo-sarcoma of scapula.....				1		1
Pathisis pulmonalis.....		1	1	10	31	41
Purpura hemorrhagica.....				2		2
Puerperal mania.....					1	1
Phlegmonous erysipelas.....				1		1
Pneumonia.....				2	2	4
P. ritonitis.....				2	1	3
Suicide.....	1	1	2	7	5	12
Typhoid fever.....				3	6	9
Typhomania.....				3	2	5
Valvular disease of heart.....				2		2
Total.....	9	7	16	186	166	352

*Statistical Tables.***Table No. 14.***Age at death.*

AGES.	IN THE YEAR.			FROM BEGINNING.		
	Male.	Fem.	Total.	Male.	Fem.	Total.
Between 15 and 20 years.....				6	3	9
Between 20 and 30 years.....		2	2	38	39	77
Between 30 and 40 years.....	1	2	3	39	37	76
Between 40 and 50 years.....	2	1	3	47	29	76
Between 50 and 60 years.....	3	2	5	36	27	63
Between 60 and 70 years.....	2	.....	2	23	18	41
Over 70 years.....	1	.....	1	10	10	20
Total.....	9	7	16	199	163	362

Table No. 15.*Ratio of death for eight years.*

YEAR.	RESIDENT DAILY AV.			NUMBER DIED.			PER CENT. DIED.		
	Male.	Fem.	Total.	Male.	Fem.	Total.	Male.	Female.	Total.
1872..	177	188	365	11	14	25	6.20	7.44	6.85
1873..	161	168	329	9	13	22	5.59	7.73	6.68
1874..	166	171	337	12	12	24	7.22	7.01	7.12
1875..	186	178	364	9	11	20	4.83	6.18	5.76
1876..	175	159	334	10	10	20	5.71	6.28	5.98
1877..	186	184	372	17	11	28	9.14	5.98	7.52
1878..	192	187	379	18	12	30	9.37	6.36	7.92
1879..	210	214	424	9	7	16	4.28	3.28	3.77
G. Av. '72-'79	182	181	363	12	11	23	6.59	6.08	6.33

*Statistical Tables.***Table No. 16.**

*Attributed causes of insanity in 687 cases.
(1876 to 1879 inclusive.)*

ATTRIBUTED CAUSES OF INSANITY.	Male.	Fem.	Total.
Childbirth.....		25	25
Change of life.....		7	7
Chorea.....		1	1
Cerebral hemorrhage.....	2	.....	2
Cerebral softening.....	1	.....	1
Cerebral congestion.....		1	1
Congenital.....	1	.....	1
Debility.....	1	7	8
Domestic trouble.....	6	19	25
Epilepsy.....	10	6	16
Fever.....	1	2	3
Fever, typhoid.....		1	1
Fright.....	2	2	4
Grief.....	8	13	21
Heredity.....	97	96	193
Heredity with child birth.....		2	2
Heredity with miscarriage.....		1	1
Heredity with typhoid fever.....	1	.....	1
Heredity with injury to head.....	1	.....	1
Heredity with change of life.....		1	1
Heredity with domestic trouble.....	1	1	2
Heredity with old age.....		1	1
Heredity with poverty.....	1	.....	1
Heredity with uterine disease.....		2	2
Heredity with intemperance.....	4	2	6
Hepatic disease.....	1	.....	1
Intemperance.....	32	2	34
Injury of head.....	4	2	6
Injury.....	3	3	6
Infantile cerebral disease.....		1	1
Locomotor ataxia.....	1	.....	1
Masturbation.....	27	2	29
Menstrual derangement.....		3	3
Meningitis.....	3	2	5
Overwork.....	5	4	9
Old age.....	4	3	7
Pecuniary embarrassment.....	6	1	7
Prostration, nervous.....		2	2
Religious excitement.....	11	12	23
Rheumatism.....	2	.....	2
Sexual excess.....	1	2	3
Struck by lightning.....	1	.....	1
Sun struck.....	3	1	4
Suppressed auricular discharge.....	1	.....	1
Syphilis.....	1	2	3
Uterine disease.....		10	10
Not insane.....		1	1
Unknown.....	109	92	201
Total.....	353	334	687

*Statistical Tables.***Table No. 17.**

Form of insanity in 687 cases.
(1876 to 1879 inclusive.)

FORM OF INSANITY.	Male.	Fem.	Total.
Aphasia	1	.....	1
Dementia	44	27	71
Dementia, acute.....	.....	3	3
Dementia, partial .....	.....	2	2
Dementia, senile.....	2	3	5
Dipsomania	6	.....	6
Erolomania.....	.....	5	5
General paresis	4	.....	4
Hysteria.....	.....	11	11
Idiocy	2	1	3
Kleptomania	2	.....	2
Locomotor ataxia .....	.....	1	1
Mania	144	108	252
Mania, chronic	21	36	57
Mania, epileptic	7	3	10
Mania, puerperal .....	.....	20	20
Mania, recurrent.....	11	10	21
Melancholia	96	80	176
Melancholia, recurrent.....	6	10	16
Melancholia, chronic	7	14	21
Total	353	334	687

Table No. 18.

Showing the Statistics of the Hospital from July 14, 1860, to September 30, 1879 (Hospital year ending September 30), for each year.

WHOLE NUMBER.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	Total.
Admitted.....	45	106	89	123	112	87	95	114	175	209	168	154	166	212	143	160	181	144	148	214	2,855
Discharged.....	4	44	61	66	130	80	92	114	109	91	172	169	148	271	110	132	199	116	137	100	2,345
Recovered.....	1	19	25	37	56	33	42	49	55	51	53	54	60	39	31	32	34	45	35	37	783
Improved	1	8	8	16	21	25	30	33	32	14	41	52	26	76	32	53	40	21	36	36	601
Unimproved.....	1	7	7	4	36	9	13	22	7	13	46	34	37	134	23	27	105	21	36	11	593
Died.....	1	10	21	9	17	13	7	10	15	13	32	29	25	22	24	20	20	28	30	16	362
Treated.....	45	47	192	254	300	257	272	294	355	455	532	524	521	585	457	507	557	498	530	607	.....
Remaining at end of year.....	41	103	131	188	170	177	180	180	246	364	360	355	373	314	347	375	355	382	393	507	.....
Males admitted.....	23	50	49	62	59	44	57	57	95	109	82	81	92	115	73	82	99	61	90	103	1,480
Females admitted.....	22	56	40	61	53	43	38	59	80	100	86	93	74	89	70	78	82	83	58	111	1,375
Males discharged.....	...	23	33	44	64	34	50	61	51	58	92	83	83	148	44	70	98	62	76	54	1,227
Females discharged....	4	21	28	22	66	46	42	53	58	33	80	86	65	123	66	62	101	54	61	46	1,118
Males died.....	...	3	14	8	9	7	6	7	7	8	18	14	11	9	12	11	10	17	18	9	199
Females died.....	1	7	7	1	8	6	1	3	8	5	14	15	14	13	12	9	10	11	12	7	163
Males recovered.....	...	13	12	24	23	16	19	30	25	31	31	23	33	21	11	16	19	21	14	21	403
Females recovered.....	1	6	13	13	33	17	23	19	20	21	22	31	27	18	20	16	15	24	21	16	385
Daily average each year.....	...	90	117	162	187	179	181	185	203	310	362	359	365	329	337	364	334	370	379	425	.....

Statistical Tables.

Current Expenses.

CURRENT EXPENSES.

<i>Attendants —</i>		
Male	\$5,681 48	.....
Female	3,284 09	.....
		\$9,965 57
<i>Amusements —</i>		
Music	\$144 00	.....
Sundries	286 28	.....
		430 28
<i>Boilers and engines —</i>		
E gineer's wages	\$1,380 00	.....
Firemen and blacksmith.....	1,175 00	.....
Lubricating oil	311 53	.....
Belting, packing, etc.....	199 68	.....
		3,056 21
<i>Clothing —</i>		
Dry goods	\$1,040 65	.....
Hats and caps	192 47	.....
Ready made clothing.....	4,637 58	.....
Boots, shoes and slippers	1,188 47	.....
		7,059 17
<i>Dairy —</i>		
Dairy man.....	\$327 80	.....
Milk coolers, tin pails.....	389 56	.....
		717 36
<i>Fuel —</i>		
Coal, 2024 ⁷ / ₈ tons.....	10,498 08	.....
Charcoal.....	31 40	.....
Wood and chopping.....	1,384 84	.....
Hauling coal and wood.....	600 00	.....
		12,514 32
[FARM, BARN AND GARDEN, IMPROVING.		
<i>Grounds and hauling merchandise —</i>		
Farmer and laborers	\$1,117 50	.....
Gardener's wages	764 13	.....
Teamsters	778 99	.....
Herders	864 07	.....
Live stock	2,838 50	.....
Feed, etc.	1,625 38	.....
Machinery and tools.....	271 55	.....
Repairs of machinery and tools	38 87	.....
Seeds, pots and plants	487 29	.....
Wagons, carts, etc.....	614 00	.....
Repairing wagons, carts, etc	246 93	.....
Extra labor	948 13	.....
Miscellaneous.....	472 95	.....
	11,068 29	.....
Less live stock on hand.....	2,838 50	.....
		8,229 79
<i>Freights, telegrams and express</i>		1,586 65
<i>Returning elopers and expenses home (patients).....</i>		233 95

Current Expenses.

<i>House furnishing —</i>		
Blankets, quilts and spreads.....	\$1,962 18	.....
Sheeting, 4,821 $\frac{3}{4}$ yards.....	495 51	.....
Ticking, 1,347 $\frac{1}{4}$ yards.....	180 44	.....
Straw, 136.430 tons.....	544 86	.....
Towels.....	38 00	.....
Crash, 1,586 $\frac{3}{4}$ yards.....	218 98	.....
Hair for pillows and mattresses.....	820 68	.....
Furniture.....	1,902 18	.....
Carpets and oil cloth.....	340 89	.....
Cutlery.....	171 84	.....
Miscellaneous.....	1,254 73	.....
		\$7,930 24
<i>Store room —</i>		
Combs, hair brushes, etc.....	\$12 75	.....
Brooms, brushes and mops.....	205 89	.....
Wooden ware.....	53 95	.....
Crockery.....	759 74	.....
Glassware.....	38 43	.....
Tobacco.....	593 46	.....
		1,664 22
<i>Kitchen —</i>		
Cook and assistants.....	\$1,544 06	.....
Baker.....	501 50	.....
Kitchen ware.....	47 95	.....
Tinware.....	200 00	.....
		2,293 51
<i>Laundry —</i>		
Wags.....	\$1,789 64	.....
Soap stock.....	193 19	.....
Starch.....	59 92	.....
Indigo.....	12 00	.....
Wash tubs, etc.....	18 00	.....
		2,072 75
<i>Library —</i>		
Librarian.....	\$180 00	.....
Books.....	777 41	.....
Papers and magazines.....	155 10	.....
Binding, etc.....	184 74	.....
		1,247 25
<i>Light —</i>		
Gasoline, 40 barrels.....	\$493 18	.....
Gas coal, 352.1295 tons.....	2,017 47	.....
Tapers and fuses.....	90 55	.....
Gas engineer.....	435 00	.....
Gas fixtures, lanterns, etc.....	447 84	.....
		3,484 04
<i>Medical dispensary —</i>		
Drugs, medicine and surgical instruments.....	\$696 32	.....
Whisky (bourbon), 90 gallons.....	237 60	.....
Whisky (rye), 41 gallons.....	108 90	.....
Alcohol, 45 gallons.....	99 85	.....
Wine, Rhine.....	62 30	.....
		1,204 97

Current Expenses.

SUBSISTENCE.		
Salt (dairy), 7 bbls.....		\$27 75
Salt, coarse, 54 bbls		82 80
Carb. soda, 110 lbs.....		10 20
Cloves, 10 lbs.....		4 50
Cream tartar, 150 lbs		67 50
Corn starch, 360 lbs		32 05
Extr cts		27 20
Farina, 1½ bbls.....		12 00
Gelatine 2 doz		5 00
Ginger, 104 lbs		19 39
Mustard, 106 lbs.....		25 20
Nutmegs, 2 lbs.		1 90
Pearl barley, 125 lbs		5 63
Pepper, 220 lbs		54 30
Tapioca, 145 lbs.....		13 33
Sago, 169 lbs.....		13 52
Cocoanut, 1 doz. papers.....		4 20
Sugar, granulated, 19,135 lbs	1,728	28
Sugar, brown, 872 lbs	61	03
Tea, Japan, 1,165½ lbs.....	423	50
Coffee, Rio, 2,359 lbs	350	49
Coffee, Java, 298 lbs	87	22
Coffee essence, 6 gross	14	15
Syrup, 569 gals	259	63
Vinegar, 402 gals	62	71
Beans, 165¾ bush	238	26
Potatoes, 1,741½ bush.....	888	19
Apples, green, 316 bbls	669	85
Apples, dried, 961 lbs.....	40	34
Cranberries, 4 bbls	27	00
Currants, 112 lbs	13	65
Lemons, 54 doz.....	28	55
Prunes, 2,404 lbs	170	56
Peaches, green, 8 baskets	4	80
Peaches, dried, 424 lbs.....	14	31
Raisins, 6 boxes	19	10
Butter, 7,021½ lbs.....	860	33
Honey, 31½ lbs	3	78
Eggs, 10,055 doz	907	30
Flour, family, 725 bbls.....	2,772	54
Flour, patent, 14 bbls	129	88
Flour, graham, 23 bbls	118	15
Flour, buckwheat, 950 lbs.....	21	25
Crackers, 1,573½ lbs	87	21
Corn meal, 3 bbls.....	7	25
Hominy, 250 lbs.....	5	25
Rice, 659 lbs	42	84
Beef (on foot), 151,652 lbs.....	5,035	58
Codfish, 264 lbs	17	43
Mackerel, 6 kits.....	21	25
Trout, 8 half bbls.....	25	00
Fresh fish, 14,087½ lbs.....	702	08
White fish, 8 half bbls.....	29	75
Sardines, 1½ doz.....	5	75
Oysters, 16¾ doz.....	77	12

Current Expenses.

SUBSISTENCE -- continued.		
Chickens	1	\$83 14
Turkeys, 2,562 $\frac{1}{4}$ lbs.....		153 57
Ducks, 75.5 doz		178 49
Oat meal, 6 bbls.....		26 63
Saltpetre, 5 lbs.....		1 00
Mutton, 6,685 lbs.....		231 88
Lambs, 22.....		44 00
Veal, 2,587 lbs.....		96 52
Venison, 1,072 lbs		82 08
Tartaric acid, 15 lbs		9 75
Hops, 10 lbs		2 00
Canned fruits, 10 doz		45 13
Miscellaneous groceries		220 70
<i>Postage</i>		\$17,552 72
<i>Stationery</i>		319 56
		307 09
REPAIRS.		
Tinners' wages.....		\$674 42
Carpenters' wages.....		3,656 79
Painters' wages.....		1,044 74
Iron, bolts, etc		1,591 26
Pipe, hardware, etc.....		2,042 58
Tools and machinery.....		615 02
Lumber		3,893 35
Paints, oils, putty, etc		1,553 97
Glass		133 71
		14,145 84
SALARIES AND MISCELLANEOUS WAGES.		
Officers.....	\$6,069	74
Housemaids	884	97
Seamstresses.....	573	32
Butcher	399	75
Porters	584	00
Night watches	573	80
Depot agent.....	262	50
Clerk.....	230	00
Chaplain	240	00
Carriage driver	300	60
		10,118 08
<i>Board of Trustees and Visiting Committee</i>		899 90
<i>Interest and exchange</i>		364 23
<i>Rent of grounds and taxes</i>		392 21
<i>Managers' expenses</i>		608 55
PERMANENT IMPROVEMENTS.		
Masonry.....	\$4,349	78
Water work repairs	352	70
Gutter tin and building.....	531	15
Window guards.....	162	50
Tar well	87	75
Iron beams, etc	251	70
Weather strips	107	65
Yokes for pump.....	75	00
Registers	65	58

Current Expenses.

PERMANENT IMPROVEMENTS — continued.		
Pump house.....	\$875 77	.....
Setting pump.....	204 66	.....
Telephone line.....	431 00	.....
Scow.....	177 00	.....
Frescoing.....	61 22	.....
Miscellaneous.....	409 04	.....
		\$8,142 50
Add live stock, deducted page 33.....		2,838 50
		\$119,389 46
Total current expenditures.....		1,785 47
Less sales from above items.....		
		\$117,603 99
Expenditure of current funds.....		
Deduct cost of furnishing for 200 persons, patients and employees.....	\$12,000 00	.....
Deduct repairs, accident to carpenter shop.....	1,000 00	.....
		13,000 00
		\$104,603 99
Actual current expense.....		
SPECIAL APPROPRIATIONS.		
New boiler and heating apparatus.....	\$922 85	.....
New pump.....	2,500 00	.....
Modification of chapel.....	3,000 00	.....
Water closets.....	859 86	.....
Washing machine and wringer.....	671 55	.....
Medical books and surgical instruments.....	500 00	.....
New barn.....	127 56	.....
Gas works.....	7,319 14	.....
Total.....		\$15,900 96

Productions of the Farm.

REPORT OF FARM.

The farm has furnished 71,957 gallons of milk, from which, after taking a full supply of rich cream and milk for our large population, we have made —

13,239 pounds of butter.
3,000 pounds of cheese,

besides feeding thirty-two calves, sixteen of which are now over six months old.

We have 15,040 pounds of pork this year—the hogs having been, to a considerable extent (probably one-half), fed from the refuse of the dairy; and the milk is entitled to a corresponding credit.

We have slaughtered from farm stock, eighteen head of cattle, yielding 10,296 pounds of beef, net; and have fed thirty-three two-year-old and yearling heifers, increasing their value at least \$330.00, or \$10.00 each.

We have farm products in store, for winter use, as follows:

150 tons hay.
700 bushels corn.
10,077 bushels mangles.
9,264 bushels rutabagas.

GARDEN PRODUCTS.

106 bushels strawberries.	96 cucumbers, selected.
46 bushels raspberries.	542 bushels tomatoes.
50 bushels apples.	184 bushels parsnips.
5 bushels crab apples.	28 bushels sweet potatoes.
1,135 pounds grapes.	55 bushels lettuce.
3,491 watermelons.	15 bushels rhubarb.
4,625 muskmelons.	37 pounds asparagus.
2,020 bushels potatoes.	11 bushels spinach.
51 bushels onions.	3,264 heads of cabbage.
53 bushels radishes.	220 heads of cauliflower.
5 bushels turnips.	5 bushels parsley.
204 bushels beets.	615 heads of celery.
81 bushels green peas.	500 roots turnips, rooted celery.
194 bushels carrots.	2,119 roots leeks.
149 bushels string beans.	800 roots horse radish.
218 bushels sweet corn.	

Productions of the Sewing Room.

ARTICLES MANUFACTURED IN SEWING ROOM.

575 dresses.	140 table cloths.
264 skirts.	284 roller towels.
183 night gowns.	1,369 hand and dish towels.
320 chemises.	172 bed spreads.
304 drawers.	84 shelf spreads.
295 shirts.	67 sun bonnets.
18 over-alls.	54 hats, trimmed.
788 pillow slips.	185 pairs suspenders.
937 sheets.	26 cam solas.
215 pillows.	80 aprons.
189 mattresses.	97 mittens.
291 straw ticks.	72 handkerchiefs.
192 table napkins.	1 ulster.

Treasurer's Report.

TREASURER'S REPORT.

To the Trustees of the Wisconsin State Hospital for the Insane:

I herewith submit the annual report of the treasurer for the fiscal year ending September 30, 1879:

Balance on hand October 1, 1878.....	\$7,311 88
Amount received from the state treasurer during the fiscal year ending September 30, 1879.....	138,341 24
Amount received from the steward of the hospital.....	1,000 00
Amount returned by N. A. Williams.....	135 10
Received from D. F. Boughton	130 30
	\$146,918 52
By amount paid out on the orders of the secretary.....	\$135,555 82
By balance.....	11,362 70
	\$146,918 52
Leaving balance in the treasury.....	11,362 70

ANDREW PROUDFIT,
Treasurer.

Secretary's Report.

SECRETARY'S REPORT.

To the Board of Trustees of the Wisconsin State Hospital for the Insane:

The following is a statement of the financial condition of the Hospital for the year ending September 30, 1879:

1878.	RECEIPTS.		
Oct. 1	Balance in Treasurer's hands.....	\$7,311 88	.....
Oct. 1	Cash from State Treasurer	5,000 00	.....
Nov. 1	Cash from State Treasurer	12,000 00	.....
Dec. 1	Cash from State Treasurer	10,000 00	.....
1879.			
Jan. 1	Cash from State Treasurer	4,241 24	.....
Feb. 1	Cash from State Treasurer	10,000 00	.....
Mar. 1	Cash from State Treasurer	47,100 00	.....
May 1	Cash from State Treasurer	10,000 00	.....
June 1	Cash from State Treasurer	5,000 00	.....
July 1	Cash from State Treasurer	10,000 00	.....
Aug. 1	Cash from State Treasurer	15,000 00	.....
Sept. 1	Cash from State Treasurer	10,000 00	.....
			\$145,653 12
	N. A. Williams, on account of duplicate order refunded	\$135 10	.....
Sept. 19	G. E. McDill, Steward	1,000 00	.....
Sept. 30	D. F. Boughton, Superintendent	130 30	.....
			1,265 40
			\$146,918 52
	EXPENDITURES.		
	Secretary's orders drawn on the Hospital Treasurer during the year — Nos. 1 to 292 inclusive — amounting to.....		\$135,555 82
	Balance in Treasurer's hands, Oct. 1, 1879		11,362 70
	Balance of appropriation remaining in the hands of the State Treasurer, Sept. 30, 1879		9,933 88

Annexed is a detailed statement of the Secretary's orders drawn on the treasurer.

Respectfully submitted,

LEVI ALDEN,

Secretary.

Secretary's Warrant Account.

SECRETARY'S WARRANT ACCOUNT.

1878.			
Oct.	Contingent expenses, steward.....	1	\$1,000 00
	Atkins, Ogden & Co., boots and shoes.....	2	196 37
	Jno. B. Wiser, wagon repairs.....	3	34 68
	Jno. N. Jones, hardware.....	4	186 39
	Moseley Bros., stationery.....	5	75 24
	Pardee Bros., drugs.....	6	517 16
	Klauber & Adler, dry goods.....	7	210 31
	Dunning & Sumner, drugs.....	8	78 30
	Dudley & Zehnter, dry goods.....	9	32 18
	Robbins & Baltzell, flour.....	10	666 83
	McKey & Folds, dry goods.....	11	34 74
	James E. Fisher, furniture.....	12	101 50
	Jno. M. Sumner, solder, etc.....	13	28 27
	Geo. W. Huntley, groceries.....	14	43 28
	Sorenson, Frederickson & Fish, wood.....	15	153 18
	T. A. Nelson, painting.....	16	185 90
	Wm. Farrell, wagon work.....	17	219 95
	Hospital steward, current expenses.....	18	1,000 00
	Clarence Shepard & Co., tinners' work.....	19	50 33
	Roundy, Peckham & Co., groceries.....	20	145 47
	Ball & Goodrich, groceries.....	21	445 20
	H. L. Eisen & Co., clothing.....	22	494 50
	Dennis Long & Co., sewer pipe.....	23	432 86
	H. J. Blum, coal.....	24	112 50
	Curwen, Stoddart & Bro., blankets.....	25	425 75
Nov.	Vroman, Frank & Ramsey, hardware.....	26	197 10
	J. L. Mott, plumbing, hardware.....	27	415 99
	Menomonee Lumber company.....	28	113 32
	Pardee Bros., drugs and paints.....	29	911 39
	Isaac Klauber, groceries, etc.....	30	139 41
	N. A. Williams, fire brick, etc.....	31	135 10
	Goodyear Rubber Co., hose.....	32	44 05
	Hospital steward, current expenses.....	33	1,000 00
	J. C. Johnson, beef.....	34	247 22
	John C. Dye, apples.....	35	235 50
	Hospital steward, current expenses.....	36	1,000 00
	Pay roll, October.....	37	2,963 11
	Frank Foy, wood.....	38	373 00
	Field, Leiter & Co., dry goods.....	39	1,520 78
	Hospital steward, current expenses.....	40	1,000 00
	C. H. Arnold, beef.....	41	200 13
	Roundy, Peckham & Co., groceries.....	42	183 99
	Ball & Goodrich, groceries.....	43	507 85
	M. J. Hackett & Co., sewer pipes.....	44	178 45
	C. H. Townsend, clothing.....	45	82 00
	Klauber & Adler, dry goods.....	46	153 13
	Menomonee River Lumber Co.....	47	114 00
	N. A. Williams, fire bricks.....	48	135 10
	Sorenson, Frederickson & Co., lath, etc.....	49	40 68
	Kerr Murray, gas works.....	50	6,820 00
	Winner Bros., alcohol.....	51	99 85
	Chicago Stamping Co., roofing.....	52	195 36
	T. S. & A. J. Kirkwood, water fixtures.....	53	56 96
	Darwin Clark, furniture.....	54	54 40

Secretary's Warrant Account.

1878.			
Nov	E. Baggott, gas fixtures.....	55	\$72 21
	Robbins & Baltzell, flour, etc.....	56	255 98
	Field, Leiter & Co., dry goods.....	57	184 50
	Geo. C. Morgan & Co., hydraulic engine.....	58	104 60
	Ball & Dudgeon, castings.....	59	85 13
	F. A. Stoltze, shoes.....	60	356 00
	Hospital steward, current expenses.....	61	1,000 00
	Hospital steward, current expenses.....	62	1,000 00
	Hiram G. Dodge, coal.....	63	3,264 23
	Robbins & Baltzell, flour.....	64	276 40
	Singer & Talcott, cut stone.....	65	147 37
	Sorenson, Frederickson & Fish, lumber.....	66	202 44
	M. S. Rowley, hats.....	67	108 00
	Isaac Klauber, groceries.....	68	44 53
	Dunning & Sumner, groceries and drugs.....	69	260 18
	Wisconsin Lock Factory, locks.....	70	158 75
	Wm. Bird, potatoes.....	71	135 90
	Field, Leiter & Co., dry goods.....	72	111 99
	H. L. Eisen & Co., shirts and overalls.....	73	1,040 00
	H. Friend & Bro., clothing.....	74	1,932 00
	John Furlong & Son, fish.....	75	46 15
	Milwaukee Cement Co., cement.....	76	85 44
	Crane Bros., water pipes, etc.....	77	156 76
	M. W. Lynch, harness work.....	78	157 40
	Pay roll, November.....	79	2,887 20
	Hospital steward, current expenses.....	80	1,000 00
	Klauber & Adler, dry goods.....	81	182 99
	Thos. O'Malley, beef.....	82	212 88
	James Livesey, cofferdam, etc.....	83	851 44
	R. undy, Peckham & Co., groceries.....	84	104 64
	Ball & Goodrich, groceries.....	85	92 54
	John B. Wisner, wheelbarrows, etc.....	86	62 75
	James Clayton, duplex pump.....	87	75 00
	T. A. Nelson, painting.....	88	55 62
	Madison Gas Company, coal.....	89	75 62
	James E. Fisher, furniture.....	90	109 25
	Studebaker, cutter.....	91	90 00
	Sharp & Smith, surgeon's instruments.....	92	95 48
1879	Hospital steward, current expenses.....	93	1,000 00
Jan.	Pay roll, December.....	94	2,725 28
	Hospital steward, current expenses.....	95	1,000 00
	Pardee Bros., groceries, etc.....	96	640 99
	Vroman, Frank & Ramsey, hardware.....	97	207 48
	McFetridge, Burchard & Co., blankets.....	98	574 50
	Moseley Bros., books and stationery.....	99	92 22
	Robbins & Baltzell, flour.....	100	192 00
	Dunning & Sumner, drugs and medicine.....	101	68 75
	John M. Sumner, hardware.....	102	19 55
	John Black, whisky.....	103	108 90
	Madison Gas Company, coal.....	104	67 47
	T. W. Brackie, surgical instruments.....	105	67 65
	Klauber & Adler, dry goods.....	106	72 34
	Mooers, Smith & Allis.....	107	130 65
	Dudley & Zehnter, dry goods.....	108	167 83
	Sorenson, Frederickson & Co., work.....	109	118 00
	H. G. Dodge, coal.....	110	2,040 33
	G. W. Huntley, groceries.....	111	64 41

Secretary's Warrant Account.

1879.			
Feb.	Steward, current expenses.....	112	\$1,000 00
	Pay roll, January.....	113	2,747 63
	A. G. Locke, teas.....	114	34 45
	Chicago Stamping Co., iron, etc.....	115	79 76
	Abijah Abbott, marble.....	116	38 25
	Field, Leiter & Co., dry goods.....	117	38 87
	Kellogg & Harris, butter.....	118	62 73
	Isaac Klauber, groceries.....	119	49 02
	Tobey Furniture Co., furniture.....	120	75 00
	Klauber & Adler, dry goods.....	121	37 68
	Robbins & Baltzell, flour.....	122	188 50
	Sorenson, Frederickson & Fish, work.....	123	71 00
	Danning & Sumner, drugs and groceries.....	124	65 84
	M. W. Lynch, harness work.....	125	68 65
	H. G. Ddge, coal.....	126	96 80
	F. A. Stoltze, boots and shoes.....	127	275 00
	Hospital steward, current expenses.....	128	1,000 00
	Hospital steward, current expenses.....	129	1,000 00
	First National Bank, interest and exchange.....	130	364 23
Mch.	Hospital steward, expenses.....	131	1,000 00
	Pay roll, February.....	132	2,602 81
	James Livesey, work on gas house.....	133	59 70
	Roundy, Pechham & Co., groceries.....	134	213 53
	Ball & Goodrich, groceries.....	135	283 98
	Field, Leiter & Co., dry goods.....	136	337 82
	Jansen, McClurg & Co., books.....	137	105 52
	Sorenson, Frederickson & Fish, work.....	138	78 10
	Peter Henderson & Co., seeds.....	139	194 58
	John Wiley & Son, book bill.....	140	246 65
	Wm. J. Park & Co., books, etc.....	141	71 15
	Crane Bros., iron, pipe, etc.....	142	179 41
	Robbins & Baltzell, flour.....	143	156 50
	Tobey Furniture Co., upholstery goods.....	144	74 64
	Hospital steward, current expenses.....	145	1,000 00
	Field, Leiter & Co., dry goods.....	146	474 52
	E. W. Dale, chairs.....	147	60 92
	Hospital steward, current expenses.....	148	1,000 00
	Hospital steward, current expenses.....	149	1,000 00
	Pay roll, March.....	150	2,606 39
	Hospital steward, current expenses.....	151	1,000 00
	Tucker & Howe, cherry lumber.....	152	327 00
	John W. Hudson, hay.....	153	268 27
	Mosely Bros., books, etc.....	154	74 20
	Tobey Furniture Co., parlor set.....	155	75 00
	Holden & Pendleton, ash lumber.....	156	250 80
	Ball & Goodrich, groceries.....	157	163 89
	Menomonee River Co., lumber.....	158	73 41
	John M. Sumner, hardware.....	159	37 33
	John N. Jones, hardware.....	160	279 86
	Robbins & Baltzell, flour.....	161	231 53
	McNeal & Higgins, groceries.....	162	254 53
	Reed, Murdock & Fischer, provisions.....	163	16 96
	Srague, W. rner & Co., coffee.....	164	95 81
	Franklin, McVeigh & Co.....	165	839 01
	G. W. Huntley, groceries.....	166	42 65
	Dunning & Sumner, sundries.....	167	37 38
	Crane Bros. Manufacturing Co.....	168	70 49
	Field, Leiter & Co., dry goods.....	169	279 11

Secretary's Warrant Account.

1879.			
Mch.	Chicago Stamping Co., tin plates.....	170	\$61 00
	Isaac Klauber, groceries.....	171	45 33
	T. S. & A. J. Kirkwood, tools.....	172	230 73
	L. J. Mott, plumbing goods.....	173	117 60
	Blair & Persons, crockery.....	174	474 89
	Kellogg & Harris, butter and eggs.....	175	138 97
	Spoor Mackey, paper hanging.....	176	80 64
	Duncan, Campbell & Co., glass.....	177	81 55
April	Hospital steward, current expenses.....	178	1,000 00
	Geo. C. Morgan, pump turnings, etc.....	179	2,087 56
	Hospital steward, current expenses.....	180	1,000 00
	Pay roll, April.....	181	2,651 33
	Hospital steward, current expenses.....	182	1,000 00
	A. W. Geeman & Bro., eggs.....	183	278 00
	Hospital steward, current expenses.....	184	1,000 00
	J. C. Johnson, cows.....	185	320 00
	New York Store, dry goods.....	186	82 24
	Union Glass Manufacturing Co.....	187	99 30
	Klauber & Adler, dry goods.....	188	17 10
	Bull & Goodrich, groceries.....	189	36 90
	M. W. Lynch, harness work.....	190	72 70
	Hitchcock & Walker, washer, etc.....	191	610 50
	Madison Gas Co., coal.....	192	48 00
	S. L. Sheldon, corn planter, etc.....	193	88 99
	Pardee Bros., drugs, etc.....	194	598 43
	H. L. Eisen & Co., clothing.....	195	109 12
	Rouudy, Peckham & Co., groceries.....	196	40 80
	Walter A. Wood, reaper extras.....	197	13 13
	A. Weigell, geese feathers.....	198	50 25
	Wm. Wood & Co., medical works.....	199	48 00
	Gibbs Bros., lumber.....	200	585 64
	Green, Button & Co., whisky.....	201	135 35
	Blair & Persons, crockery.....	202	315 65
	Wisconsin Boot and Shoe Factory.....	203	79 90
	Field, Leiter & Co., dry goods.....	204	328 58
	E. H. Sargent & Co., drugs, etc.....	205	103 19
	Kellogg & Harris, butter and eggs.....	206	137 14
	Singer & Talcott, cut stone.....	207	55 02
	Baeder, Adamson & Co., cur'd hair.....	208	686 04
	Robbins & Baltzell, flour and meal.....	209	221 25
	E. Baggot, gas fixtures.....	210	54 00
	F. A. Stoltze, boots and shoes.....	211	186 15
	Jansen, McClurg & Co., books, etc.....	212	33 27
	John Wiley & Sons, books.....	213	73 64
	Hospital steward, current expenses.....	214	1,000 00
	Pay roll, May.....	215	2,700 42
	Andrew Proudfit, services and expenses.....	216	227 65
	John B. Wiser, wagon work.....	217	42 93
	Conklin & Gray, coal.....	218	5,106 67
	Conklin & Gray, coal.....	219	320 90
	Hospital steward, current expenses.....	220	1,000 00
	James Livesey, mason work.....	221	993 91
	Hospital steward, current expenses.....	222	1,000 00
	Chas. E. Bross, telephone line.....	223	325 00
	David Robinson, beef.....	224	595 34
	Sorenson, Frederickson & Fish, contract.....	225	2,937 14
July.	Hospital steward, current expenses.....	226	1,000 00
	L. J. Farwell, rent of farm.....	227	300 00

Secretary's Warrant Account.

1879.			
July.	Ball Bros., castings and repairs	228	\$534 95
	Geo. W. Huntley, groceries	229	25 14
	Roundy, Peckham & Co., groceries	230	59 00
	Phillips, Nimmick & Co., iron beams	231	60 30
	Sharp & Smith, surgical instruments	232	58 30
	Bader, Adams & Co., black drawings	233	134 64
	Field, Leiter & Co., dry goods	234	128 41
	T. A. Nelson, painting	235	54 00
	J. B. Shannon & Son, socks	236	72 00
	Blair & Persons, crockery	237	41 75
	Kenosha Milk Pan Co., pans	238	185 00
	Walter A. Wood, hay cutter, etc	239	78 74
	Atkins, Ogden & Co., shoes	240	75 35
	E. Baggot, gas fixtures	241	31 00
	New York Store, dry goods	242	19 28
	Dunning & Sumner, drugs and groceries	243	123 82
	Isaac Klauber, groceries	244	44 81
	E. P. Allis & Co., pulleys	245	30 11
	Robbins & Baltzell, flour and feed	246	746 34
	Kellogg & Harris, potatoes	247	39 54
	Crane Bros., iron machinery	248	44 74
	Chicago Stamping Co., work	249	192 06
	Wm. Farrell, wagons and repairs	250	265 55
	John N. Jones, hardware	251	185 66
	Nelson, Mather & Co., wardrobes	252	309 00
	Wiley & Russell, bolt cutter, etc	253	86 65
	Hospital steward, current expenses	254	1,000 00
	Pay roll, June	255	2,708 53
	Charles Askew, window guards	256	112 50
	Vroman, Frank & Ramsey, hardware	257	411 57
	Hospital steward, current expenses	258	1,000 00
	W. B. Earthman & Co., lumber	259	208 10
	Hospital steward, current expenses	260	1,000 00
	Chas. E. Bross, telephone fixtures	261	106 00
	Madison Manufacturing Co., work	262	44 81
	Moseley Bros., books and stationary	263	102 46
	Jno. M. Sumner, hardware	264	16 56
	Phillips, Nimmick & Co., iron	265	482 65
	Crane Bros.' Manufacturing Co.	266	90 59
	Singer, Nimmock & Co., steel for tools	267	79 67
	Field, Leiter & Co., dry goods	268	33 25
	James E. Fisher, furniture	269	420 80
	Dunning & Sumner, groceries and medicines	270	103 42
	Geo. W. Huntley, groceries	271	38 10
	New York Store, dry goods	272	37 29
	Madison Gas Co., coal	273	99 89
	Sharp & Smith, surgical instruments	274	40 80
	Robbins & Baltzell, flour and feed	275	345 18
	Blair & Persons, crockery	276	74 12
	Hospital steward, current expenses	277	1,000 00
	Pay roll, July	278	3,213 39
Aug.	James Baxter, beef	279	140 63
	Patrick Downing, beef	280	109 43
	Hospital steward, current expenses	281	1,000 00
	F. A. Brewer, beef and mutton	282	75 94
	W. G. Dunn, fish	283	74 00
	H. Shillinglaw, beef	284	65 36
	Patrick Downing, beef	285	104 32
	Pay roll, August	286	3,245 20

Secretary's Warrant Account.

1879.			
Sept.	B. Reddy, beef.....	287	\$96 85
	Hospital steward, current expenses	288	1,000 00
	James Baxter, beef	289	112 50
	John Jones, beef.....	290	111 11
	Pay roll, September	291	3,187 50
	James Livesey, mason work.....	292	863 90
	Total		\$135,555 82

Report of the Executive Committee.

REPORT OF THE EXECUTIVE COMMITTEE.

To the Board of Trustees of the Wisconsin State Hospital for the Insane:

The past hospital year has been one of marked success. General good health has prevailed among the inmates, and they have been attended with all the comfort and enjoyment their unfortunate condition will permit. There has been entire harmony among those in charge of the institution—all have worked together zealously for the common good of the hospital.

The several reports of officers and committees will give detailed accounts of the operations of the several departments of the hospital, and they need not be repeated in this connection.

The improvements made about the premises during the past year have been of unusual importance, embracing vastly increased and improved facilities for heating the building, and for providing room for a largely increased number of patients at a trifling expense. Every available space has been utilized, and when the improvements now in progress are fully completed, convenient and comfortable room for nearly two hundred additional patients will have been provided. In view of the great number of insane persons in the state who needed hospital attention and could not have it, this increase of room is of vast importance, and it has been procured at slight cost. The orders of the board, in all particulars, have been executed with reasonable dispatch, and the utmost economy, consistent with good work, has been exercised in all things. Your committee view with pride the operations of the past year, and feel assured that a careful examination by the board, and by the people, will convince them that this has been the most

Report of the Executive Committee.

prosperous year our hospital has experienced since it was opened for use in 1860.

The farm and garden have produced well, as will be seen by the report of products. The dairy meets the just expectations of the board when it entered upon this enterprise. It is not doubted but this will prove a source of profit to the hospital, as well as one of vast usefulness in furnishing the institution with milk, butter and cheese of the best quality.

The committee has endeavored to look after the interests of the hospital in all respects, and the results of the year have proved entirely satisfactory to its members, and no doubt is entertained by them but the full board will be equally well satisfied when thoroughly advised of what has been accomplished during the year.

The appropriations asked from the next legislature have been carefully examined by the committee, and are approved. It will no doubt be found advisable, at an early day, to furnish for the center building and the west wing a new and approved heating apparatus, similar to that with which the east wing is now supplied. The committee is satisfied that the sooner this is done the better it will be for the interests of the hospital and the state.

All of which is respectfully submitted.

DAVID ATWOOD,
ANDREW PROUDFIT,
Executive Committee.

MADISON, *September 30, 1879.*

Report of Building Committee.

REPORT OF BUILDING COMMITTEE.

MADISON, *October, 1879.*

To the Trustees of the Wisconsin State Hospital for the Insane:

GENTLEMEN: A large amount of money has been expended in permanent improvements during the current year; also quite an amount in repairing and changing. The work on the old water closets, which has been progressing for some three seasons, has been completed this year, at a cost of \$859.56. The improvement in the heating arrangements, which was provided for by the last legislature, was let by contract to Mooers, Smith & Allis, at \$9,150.00 (exclusive of boiler), and will be completed during the month of November. The work is well done, and so far as it has been tested, works to perfection. The plan of changing the chapel and rear center into wards, has been completed within the appropriation of \$3,000, and makes room for 58 additional beds. The work of building four cross wings, decided upon by your board in April last, was let by contract to Sorenson, Frederickson & Fish, at \$7,900, in June, and the completion of this contract is assured within the next month. The work is well done, and adds greatly to the capacity and beauty of the entire structure. This, with the alteration in the chapel and in the rear center, furnishes good quarters for 180 additional patients and for twenty attendants, and this room is secured at a cost of less than \$11,000 for the building, and less than \$2,000 for heating apparatus for same. There can be no doubt of this being a judicious investment.

Owing to the accident in the carpenter shop, which had to be repaired at once, about \$1,000 has been expended from the general fund. The old floors of pine that were nearly worn through, have been replaced with maple and cherry strips in the superin-

Report of Building Committee.

tendent's office, and in the medical office; also in five ward dining rooms, four day rooms, and three ward corridors.

The inside of the hospital has been newly painted in a thorough manner. The work has been done by competent workmen, employed by the month, and the material good. An appropriation should be asked for closets and bath rooms in the new male ward, and in the fourth story center building, to cost in all about \$1,000. It is recommended that an appropriation of \$1,500, for new hardwood floors, be asked for, as the old floors are nearly worn out, and being of soft wood, and having been used so long, they have become impure and sometimes offensive. A dry house for the laundry is *imperatively* necessary, and we think it will be impossible to get through the coming winter with the present facilities for drying the clothing, bedding, etc.

Respectfully,

ANDREW PROUDFIT,

JOHN A. JOHNSON,

Building Committee.

Report of Visiting Committee.

REPORT OF VISITING COMMITTEE.

To the Board of Trustees of the Wisconsin Hospital for the Insane:

GENTLEMEN: I cannot better bring before you the results of our respective visits during the past six months, than by giving you the record made from month to month at the time of our inspection.

May.—The Hon. H. N. Davis was my associate. “We note with pleasure the excellent condition and good order and general good health we find prevailing. We have no suggestions or criticisms to make.”

June.—Doctor K. Hoegh, of the committee, states that “We find everything clean and orderly, and the management humane and efficient.”

July.—The general condition and internal management of the institution was inspected by your board, assembled in quarterly meeting.

August.—We report (Hon. Andrew Proudfit of the committee), “We have carefully inspected the hospital, visiting the wards, dining room and dormitories during the supper hour, and before and after the patients had retired. We find a remarkable condition of health prevailing. From a population of 468 patients, all but ten or fifteen are able to, and do, pass more or less of each day in the open air.

“We find but one case of sickness — malarial fever — an attendant in the male department. The repairs ordered in the spring are progressing finely.” And again, last month, September (Hon. John W. Johnson, of committee), “We find the general working condition of the institution admirable and tending to secure the greatest success.” We recognize the faithful manner in which the sev-

Report of Visiting Committee.

eral officers perform their respective duties and the prompt acquiescence of the various employes. The crowded condition of the Hospital — 505 patients, this day — it is hoped, will be relieved by the early completion of the repairs now in progress. General health of inmates excellent, and no sickness prevailing.”

Your attention is particularly called to the wonderful condition of health that has prevailed. I think no crowded population of equal number can be found enjoying more perfect freedom from diseases of a malarial or typhoid type. It speaks loudly in favor of the sanitary condition and hygienic management of the hospital. In this connection, and as an additional precaution against diseases of a zymotic character, the complete cementing of the basement floor under-ground passages and air ducts should be finished at once. This work was commenced and left incomplete. The sewerage pipes frequently get to leaking, and several times have become obstructed and an over-flow has saturated the basement soil. The air used above and passing through the heating apparatus carries with it much filth from this source, and in more than one instance, in our own experience, a grave type of disease in the wards above has only been warded off by extraordinary efforts.

A cemented floor could be cleansed and purified at once, and every source of unhealthy emanation removed. Permit me to urge upon your attention this necessity.

Other needs of the institution, tending to its greater usefulness, your committee have from time to time had under consideration, and your superintendent has presented them for your deliberation.

A very pressing want, before winter sets in, is more and better facilities for drying clothes. The requirements of our increased population have outgrown the possible capacity of the present drying room.

With thanks for continued courtesies, in the performance of my official duties, from your board, and all connected with the institution.

Respectfully,

LYMAN J. BARROWS,

Chairman of Visiting Committee.

MADISON, WIS., October 14, 1879.

Report of Auditing Committee.

REPORT OF AUDITING COMMITTEE.

To the Trustees of the Wisconsin State Hospital for the Insane:

GENTLEMEN: We, the auditing committee, would respectfully report that we have examined the books kept by the steward during the current year, and find them correct. We have also examined the bills for purchases made during the same time, and, as far as we are able to judge, the goods were well bought. We have made a full examination of the account of the treasurer, and of the secretary, and find them to correspond with the vouchers, and to be correct.

Respectfully,

H. N. DAVIS,

JOHN A. JOHNSON,

ANDREW PROUDFIT,

Auditing Committee.

MADISON, *October, 1879.*



SEVENTH ANNUAL REPORT

OF THE

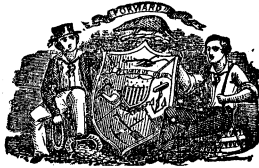
Northern Hospital for the Insane

OF THE

STATE OF WISCONSIN,

FOR THE

FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:

DAVID ATWOOD, STATE PRINTER.

1879.



BOARD OF TRUSTEES.

D. W. MAXON,	CEDAR CREEK,	- -	Term expires November, 1879.
PETER RUPP,	FOND DU LAC,	- -	Term expires November, 1880.
W. P. ROUNDS,	MENASHA,	- -	Term expires November, 1881.
N. A. GRAY, M. D.,	MILWAUKEE,	- -	Term expires November, 1882.
T. D. GRIMMER,	OSHKOSH,	- -	Term expires April, 1883.

OFFICERS OF THE BOARD.

PRESIDENT.

D. W. MAXON.

SECRETARY.

N. A. GRAY, M. D.

TREASURER.

THOMAS D. GRIMMER.

RESIDENT OFFICERS.

WALTER KEMPSTER, M. D.,

MEDICAL SUPERINTENDENT.

WM. H. HANCKER, M. D.,	- - -	<i>First Assistant Physician.</i>
JOHN R. THOMSON, M. D.,	- - -	<i>Second Assistant Physician.</i>
ALEX. TRAUTMAN, M. D.,	- - -	<i>Third Assistant Physician.</i>

JOSEPH BUTLER, *Steward.*

MRS. L. A. BUTLER, *Matron.*



TRUSTEES' REPORT.

OFFICE OF TRUSTEES,
Northern Hospital for the Insane,

OCTOBER 15, 1879.

To His Excellency, WILLIAM E. SMITH,
Governor of Wisconsin:

SIR:— In compliance with chapter 32 of the Revised Statutes, the trustees of the Northern Hospital for the Insane have the honor to present their seventh annual report.

This hospital was opened for the reception of patients on the 21st day of April, 1873.

It was completed with a capacity for the accommodation of 550 patients on the 11th day of January, 1875. Its history, embracing the entire cost of the buildings, furniture and farm, was given in the annual report of the board of trustees, October, 1876.

What most concerns the public at this time is, its management, cost of maintenance, and results.

Since its first opening and up to the 30th day of September last, 1,333 patients have been admitted, of which number 238 have returned to their families or friends fully recovered. Two hundred and two have been discharged improved, 156 have been discharged unimproved, and 190 have died.

It should be observed that when the hospital was first opened for the reception of patients, it had less than half its present capacity; that it was not completed till nearly two years thereafter. That for want of room only 214 patients were admitted the first year. Of this number 117 were transferred to this hospital from the State Hospital at Madison. The remainder, 97, were received from the poor-houses and county jails. That 127 had been insane from two

Trustees' Report.

to fifty years. That many of them were aged, infirm and extremely feeble.

The foregoing statement, united with the fact that since the organization of the hospital no epidemic or accident of a serious nature has occurred, demonstrates good management, attended with good fortune and good results.

The following statement shows the movement of the household for the fiscal year ending September 30, 1879:

Remaining under treatment Sept. 30, 1878.....	559
Admitted during the year.....	108
Total under treatment during the year.....	757
Average under treatment.....	553 $\frac{1}{4}$
Discharged recovered.....	65
Discharged improved.....	68
Discharged unimproved.....	43
Died.....	35
Total discharged.....	211
Remaining under treatment Sept. 30, 1879.....	<u>546</u>

The wards of the hospital have been thoroughly inspected each month by competent physicians residing in different parts of the state. These inspections were made with members of the board of trustees alternately. They are not confined to an inspection of the wards only, but the fullest liberty is given to examine into all the affairs of the institution relative to its general management, conduct of officers, employees and treatment of patients. Reports of these inspections are herewith submitted for publication. For further information and details, relative to the cure and treatment of patients, the medical and internal management of the hospital, we ask your special attention to the able report of Dr. Walter Kempster, the medical superintendent of the hospital, which is fully indorsed by the trustees. The report of the steward, Mr. Butler, shows that, with the exception of potatoes, there is an increase over last year in nearly all the products of the farm and garden. Accompanying his report is a list of vouchers for all expenditures made during the fiscal year. Supplies furnished the hospital, so far as consistent, have been open to competition;

Trustees' Report.

the rule being to purchase where most advantageous to the state. Itemized accounts for all purchases have been examined and approved by the executive committee of the board of trustees.

The reports of the secretary and treasurer are herewith submitted, showing the financial condition of the hospital; also reports of the several committees of the board of trustees, showing the transactions in the respective departments under their charge. The buildings and improvements for which special appropriations were made at the last session of the legislature, have all been completed. About thirty acres of land have been cleared and enclosed with a board fence, from which our agricultural products have been increased this year. A new barn has been constructed, 180 by 49 feet. A new root cellar has been completed with a capacity which meets the present wants of the hospital. The laundry has been enlarged by extending its walls 46 by 40 feet. Improved machinery has been added so that it may be operated with less expense. Some improvements have also been made on the grounds in front of the hospital buildings, all of which has been done with the amount appropriated therefor. Besides several other improvements have been made chiefly by regular employees and help about the hospital; among which, pipes have been laid to supply the barns with water, a new green house has been commenced, and the gas works finished and put in successful operation.

The appropriations for subsistence and current expenses will be ample, unless there should be an extraordinary advance in the cost of supplies. Between this time and the beginning of the hospital year, March, 1880, there will be no deficiency, but on the contrary, there will be a balance on hand of \$193.23. The fuel forms a large item of current expenses. It consists chiefly of coal delivered by cars. To prevent errors or abuse, the hospital should be furnished with scales of a capacity sufficient to weigh by car load. The estimated cost of such scales is \$800. The artesian well which thus far has afforded an ample supply of water, appears to be gradually failing. Fears are entertained that the supply will soon be inadequate. One of the original plans for water supply was that of constructing a tunnel to Lake Winnebago, a distance of 4,554 feet,

Trustees' Report.

and thus obtain water by natural flow. This plan was approved by several experts, but the appropriation was inadequate. The estimated cost of such tunnel at this time is \$15,000, and the trustees recommend that this amount be appropriated, that the work may be commenced early in the spring.

The trustees also indorse the recommendation of the superintendent on the subject of further protection against fire, and therefore ask for an appropriation of \$5,000 for a steam fire engine, and \$1,300 for pipe and hose. An appropriation is also asked of \$500 to enlarge the dry room, which does not now embrace sufficient space for drying clothing. For the further protection of the wards against cold, the trustees ask for an appropriation of \$900 for storm-windows.

With special appropriations made for the purposes above mentioned, we believe that \$4.25 per week will be sufficient for the per capita cost of maintenance, notwithstanding the recent advance in the price of all the necessary articles of consumption.

It appears by the report of the secretary and treasurer that there was on the 1st day of October, 1879, a balance on hand and in the state treasury to the credit of the hospital.	\$56,819 51
There will be required for the support of 554 patients for 21 5-7 weeks (to March 1st, 1880), at \$4.25 per week.	51,126 28
Required to defray outstanding liabilities.	5,500 00
Leaving on hand March 1st, 1880.	<u>\$193 23</u>
There will be required for the support of 555 patients from February 29, 1880, till March 1, 1881 (52 1-7 weeks), at \$4.25 per week.	<u>\$122,991 96</u>
Balance on hand from this year.	\$193 23
Due from the counties.	47,459 28
Will be received from the steward.	3,000 00
Appropriation required for current expenses for the year.	72,339 45
Total.	<u><u>\$122,991 96</u></u>

Trustees' Report.

The special appropriations asked for are as follows:

Water supply.....	\$15,000 00
Steam fire engine	5,000 00
Pipe and hose....	1,300 00
Weigh scales	800 00
Enlarging dry-room	500 00
Storm windows	900 00
	<hr/>
	\$23,500 00
	<hr/>

Since the opening of the hospital there has been a constant want of room for the accommodation of patients. For this reason the trustees in former reports have recommended the enlargement of the hospital sufficiently to accommodate 400 additional patients, that being the estimated number confined in poor houses and county jails. The cost of such enlargement, including furnishing, would not exceed \$190,000. It is a just policy for the State to provide and care for all its insane at public expense. All should be cared for in like manner. It is manifestly unjust that the more violent and most unfortunate should be confined in county jails, while those less unfortunate are provided with good care in comfortable hospitals. To provide a uniform and economic care of the insane, there should be but one system, controlled by one government. The double system of providing for one portion by county, and another by state government, is attended with unequal care and greater expense. On this subject we desire to call your special attention to that portion of the superintendent's report relative to a report of a committee of the British Parliament, wherein it is proposed that the government shall purchase and control all the private asylums, and have them officered and governed similar to the state hospitals in this country.

The officers of the hospital remain the same as at the date of the last annual report, except that of the second assistant physician, John W. Goe, who was relieved from duty on the 18th of May last.

Walter Kempster, M. D., is the Medical Superintendent; William H. Hancker, First Assistant Physician; John R. Thomson, M. D., Second Assistant Physician; Alexander Trautman, M. D., Third

Trustees' Report.

Assistant Physician; Joseph Butler, Steward; Mrs. L. A. Butler, Matron.

Each have discharged their respective duties to the best of their ability and to the satisfaction of the board of trustees.

In conclusion we thank Your Excellency for the interest you have manifested in the affairs of this Institution, and trust you will continue to guide its onward progress in the cause of charity.

Respectfully submitted,

D. W. MAXON, *Prest.*,

N. A. GRAY, *Secy.*,

THOS. D. GRIMMER, *Treas.*,

PETER RUPP,

W. P. ROUNDS,

Board of Trustees.

Superintendent's Report.

SUPERINTENDENT'S REPORT.

To the Board of Trustees of the Northern Hospital for Insane:

GENTLEMEN: In accordance with the law organizing the hospital, I have the honor to present the seventh annual report.

The following table indicates the movement of the household for the year ending September 30, 1879:

	Male.	Fem.	Total.
Remaining under treatment Sept. 30, 1878	280	279	559
Admitted during the year.....	104	94	198
Total number under treatment.....	384	373	757
Average under treatment daily			553 $\frac{3}{4}$
Discharged recovered	31	34	65
Discharged improved	35	33	68
Discharged unimproved.....	31	12	43
Died	16	19	35
Total number discharged.....	113	98	211
Remaining under treatment Sept. 30, 1879.....	271	275	546

This table shows that there has been a steady increase in the whole number annually treated in the hospital from the day of its completion until this time. The hospital has been kept constantly overful, but notwithstanding this fact the health of the household during the entire year has been excellent. We have had no fevers, no epidemic of any kind and no serious accidents. There has been no suicide since the organization of the hospital. Of the 198 admissions, 44 were cases of Melancholia, 30 of Acute Mania, 14 of

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Sub-acute Mania, 61 of Chronic Mania, 12 of Paroxysmal Mania, 4 of Epileptic Mania, 1 of Mania a potu, 24 were cases of Dementia, 1 of Senile Dementia, 4 of General Paresis, 2 of Alcoholism and one not insane; this was a case recently admitted in which the delirium of disease was mistaken for insanity, and upon its subsidence or as soon thereafter as the person is able to travel, she will be discharged. The two cases of Alcoholism and the case of Mania a potu were discharged as soon as the peculiar manifestations of this form of difficulty had subsided.

Of the whole number admitted, 184 were admitted for the first time, 12 for the second time, and two for the third time — 9 of the re-admissions were because of second attacks — 5 were returned from home or jails whither they had been removed to make room for recent cases, or to gratify the wishes of friends. A word may be said in this connection relative to the return of persons to hospitals with second attacks of insanity. This disease does not differ from others in liability to recurrence — especially where predisposition or environment foster the germs of disorder. For instance, certain people are liable to repeated attacks of lung disorder, others to bowel or kidney trouble, others to rheumatism and its allied complaints, each attack recurring after some breach in hygienic conditions by which the general tone is impaired and health interfered with. This is a matter of common observation, and is recognized by all; it simply indicates that lungs or stomach or kidneys, or the muscular or arterial system, are the weak points in family or individual organization, giving way when more than ordinary strain is put upon them, and so the individual may have one, two, three — a dozen attacks of either form of disease and recover, providing no serious lesion results in the organ specially affected. Brain disease follows precisely the same general laws as do other forms, recurring when the conditions recur which gave origin to the first attack, and subsiding when health is restored, providing as before, that no serious organic change has taken place within the brain which precludes it from properly performing its functions. In the one instance a chronic change in liver, heart, stomach, and so on, precludes the affected organ from acting

Superintendent's Report.

properly; so in the other a chronic change in brain tissue prevents that organ from properly performing its function — the ultimate condition in each case being that in repeated attacks, the affected organ succumbs. In the one instance the nature of the complaint does not often prevent the family or friends from properly caring for the sufferer; in the other, the manifestation of disease is of such a character as to preclude, in many instances, proper care at home, and society is called upon to care for them; it may be in one or a half dozen attacks.

There is one important item, however, to be taken into consideration. I believe that in many cases second attacks of insanity occur because the individual is removed from treatment and required to pick up the tangled ends dropped from the mental grasp on the approach of disease and again attempt to weave them into the daily fabric of his life, before the brain has had time to recover from its first shock of disease, and is in a proper state to perform labor. In this respect, it differs from the other organs, which have a specific amount of work to do. But the brain is often in the hands of a hard task-master, who lashes it onward to its own overthrow, when it should be nursed and protected from violence without or within. It is therefore important that everyone should know that, in a great measure, he carries in his own hands that which shall contribute to his weal or woe according as he uses or abuses it.

The appropriate table, No. 2, shows that there were a large number of cases admitted during the year, having forms of disease which, as a rule, are protracted; Melancholia, Chronic Mania and Dementia contributing 129 of the whole number admitted. These particular forms of insanity are essentially long continued, or, as they are usually called, chronic. This term, however, is merely one of convenience, and does not mean incurable.

The terms acute and chronic are arbitrary; they are used simply to express a type of disease, and do not imply curability or incurability either in one case or the other, and table No. 17 will show that 19 of those discharged recovered had been insane upwards of one year, which is the period of time used as an arbitrary limit, a sort of boundary line marking off the acute, or rather the first

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stages of the disease. These terms acute and chronic are not infrequently confounded by non-professional writers with curability and incurability, the term chronic being regarded by them as synonymous with incurable. Such, however, is not the professional meaning—an arbitrary line, sharply defining one year's time as the ultimate limit to be fixed to the curable cases, would have consigned at least 19 of our cases discharged recovered this year, to the limbo of incurability or to an "institution for incurables" or chronic cases, supposing such to exist. From several of the chronic cases who have been discharged improved, we have had very gratifying accounts. One of the cases so discharged had been insane, at times violently so; for 12 years the recovery was very gradual, but this gentleman is now following a professional life in a neighboring state, in an acceptable manner. Three of the cases had been insane for 10 years and upwards, whose recovery was apparently complete, and they have sustained the various relations of life under the watchfulness of critical and suspicious neighbors ever since in a manner void of any symptom of insanity. This is not only true of this year; previous reports furnish similar examples, so that our own experience in this hospital, providing we had no other, which however is abundant, indicates that the term chronic must not be regarded as synonymous with incurability; and it further indicates that any system which would attempt to divide by sharp boundary lines, the two types of disease, by providing separate establishments for each, would result in great injustice to many who were unfortunate enough to be regarded as chronic cases, by depriving them of proper treatment. Just here I desire to call your attention to the fact that during the entire year we have been crowded beyond our capacity, and we have been compelled to refuse admission to cases by reason of this fact. Even with the Milwaukee county asylum completed, which will relieve us to some extent, there will then be lack of accommodation for all the insane.

I see no reason to change the views heretofore expressed—that is, that the state should foster all its insane, and that it should be done by constructing additional room adjacent to the hospitals

Superintendent's Report.

proper, where all the insane may be properly watched, and transferred from one part to the other as symptoms would indicate, without incurring a railroad journey and incidental expenses in each case; it appears to be the most economical and satisfactory method. Even the English, who have for so many years fostered private establishments and licensed houses, are preparing to abandon the plan. At the last session of Parliament a bill was introduced, and is still under advisement, authorizing the adoption by the government of all such establishments which are to be called "public asylums," and providing means to purchase those owned by private parties, together with rules for government, etc. In fact, adopting a method of caring for their insane in nearly all respects identical with our present methods of caring for them by the state; they however authorize providing superior accommodation for private patients in the same structure. The bill is known as Mr. Dillwyn's, and is called the "Lunacy Law Amendment Bill;" see *Journal Mental Science*, No. CX, July, 1879, p. 229, *et seq.* In that country nearly all methods have been tried, and well tried, and it appears that they are now on the point of abandoning their plan for one nearly identical with ours—a plan that experience demonstrates is at once the most economical and efficient.

Sixty-five persons were discharged recovered, 31 men and 34 women, a larger number than in any previous year, and 65 were discharged improved. Many of those discharged improved were removed to their homes where they completed convalescence, the removal being made a necessity because of the crowded state of the hospital. Some of those discharged improved were returned soon afterward by reason of great violence, and some other case then quiet, being removed to make room. Of those discharged recovered, 31 had been insane three months or less; 2 had been insane four months; 8 six months, and 5 one year; the balance had been insane from one to ten years. As before stated, 3 of those discharged recovered had been insane for ten years or more. The greatest number of recoveries were from attacks of Acute or sub-acute Mania, 28 of the number recovered having either Acute or sub-acute Mania at

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the time of admission, and 18 of the recovered had Melancholia when admitted; 52 of the patients admitted inherited insanity directly or it existed in collateral branches of the family, and 77 inherited some form of disease independent of insanity; 58 of the number admitted were acknowledged to be addicted to some form of intemperance or immorality in the use of liquor, opium, tobacco, or all combined, and there are others who although not acknowledged to be of immoral habits, have symptoms which lead to a lively suspicion that they were induced by one or other of the excesses above enumerated. It was Voltaire, I believe, who being called upon to describe a physician replied, He is an unfortunate gentleman who is daily called upon to reconcile health and intemperance; using the term intemperance in the broad sense, our statistical record shows that he was authority upon this subject if no other. Two persons had committed homicide and 72 others had attempted or threatened with intent to execute either homicide, suicide, or both; one had committed arson.

Tables 13 and 14 indicate predisposition so far as could be ascertained, to insanity and other forms of disease in those expressing violence.

There were 35 deaths — 17 were from consumption; 4 from general paresis; 2 from epilepsy; 2 from encephalitis; 2 from apoplexy, and one each from progressive pernicious anæmia, cerebral hemorrhage, septicæmia, eclampsia, spinal sclerosis, cerebral tumor, cerebro spinal apoplexy and pulmonary apoplexy. The percentage of deaths on the whole number under treatment for the year was 4.6. But two of the entire number died from acute forms of disease — these were the cases of encephalitis — one was the case of an aged gentleman who fell backward from a wagon, striking his head upon hard ground, and, as a result, soon became “furiously mad,” and lived but a few days after reaching the hospital; the other also followed an injury to the head, the case being complicated by the use of liquor and tobacco, and excessive sexual indulgence. All the other deaths were from chronic forms of disease, consumption as usual, claiming the largest number, nearly one-half the deaths being from this cause. It thus appears from the statistics that

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while we have had a large number of unpromising cases admitted during the year, there has been a larger number of recoveries and fewer deaths than in any previous year. The statistical tables have been prepared with caution, and an effort made to eliminate everything of a doubtful character unless it is stated as doubtful, the desire being to place before you and through you to those who take the pains to read the report, the facts relative to the cause of insanity, and the deductions to be drawn therefrom.

In attempting to arrive at a satisfactory conclusion as to the causation of insanity, we are at the outset met by a complex question, not easily solved. To explain this, let each endeavor for a time to resolve into component parts the ideas which lead one presumably sane to do certain acts or perform certain offices, or in other words, to analyze one's own mental operations, giving the steps, one by one, by which conclusions are reached, and the reasons for such conclusions. The task will be no easy one, and there are but few who undertake the experiment. Now if this matter of analysis is so difficult for an individual to do for himself, how much more difficult is it for one to analyze the conditions existing in the mind of another, especially when the operation of that mind is affected by disease. To resolve the tangled web of causation and determine what item is harmful and what item harmless to mental health, is a task that only infinitude can comprehend. It is impossible under the most favorable states to separate into elementary parts all the minute circumstances leading up to a final change from a sane to an insane state; it is, indeed, often difficult to draw the line between these two conditions, and to say where one ends and the other begins, so subtle are the beginnings. It is not often that one grand catastrophe overtops mental health; it is the constant recurrence of unfavorable acts or thoughts, the steady disregard of healthful conditions, the accumulation of adverse surroundings which from selection or misfortune heap themselves upon the individual; the oft repeated disregard of the common laws of hygiene, ignoring temperance in all things, deviating from established principles either in thought or morals; in fact, any or all things which tend to lower vitality and produce disease, oper-

Superintendent's Report.

ate as a cause. Now, it is impossible to separate out from all the rest one factor which would be more likely to produce disease than its congeners, and if we could do so it would not affect the result. Each individual organism has its own peculiarities, its own weaknesses, and what might seriously retard healthy growth in the brain tissue of one person, might not so seriously affect the same tissue in another.

The threads of mental life, like the threads of a fabric, are of different textures, and are affected differently by different agents and treatment, but all alike undergoing deterioration under unfavorable conditions, some faster, some slower, according as use or abuse determines. Unfortunately for humanity, however, deterioration resulting from the abuse of the brain in one generation does not die with the generation, but is handed down as a legacy, foul though it is, to be carried on intensified perhaps, by the same moral obliquities in the child that generated it in the parent. No amount of penitential anguish can efface from the tablets of a sin-scarred brain the marks of a broken and disordered life. The scar left by the thunder bolt of intemperance, which has lacerated the delicate brain structure, is not banished by a few repentant sighs; it seams and furrows the mental organization with non-eradicable wounds, and generation after generation scarcely afford opportunity to rid one of the inheritance. Nature never forgives sins committed against her in the individual. The moral code of civilization is flexible, and theologians wisely teach us to forgive sins, but nature is inflexible and unrelenting; the record of crime committed against her is not effaced. The penalty is graven in characters that do not alter, and are as imperishable as the everlasting hills. In the vast majority of cases insanity is the last of a succession of links, in many instances chaining the individual to an unsound inheritance, each successive link being a germ of disease acquired by unwise tampering with the laws of health or by positive disregard of them. Disease is not often accidental in character; it is far more frequently a matter of growth, and it is retarded or accelerated according to the nature of the soil in which it has root.

If we presuppose an individual possessed of a perfectly healthy

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nervous system, capable of conforming to the natural laws governing him, adapting himself to the varying conditions of existence and in harmony with the whole, in short, not only healthy but well balanced, a healthy normal operation of the mind results and there is a margin left for emergencies, so that the harmony is not destroyed upon extraordinary demands.

Now reverse the picture; link the individual to a depraved ancestry and his first breath is the initial skirmish to a life-long battle with disease and death. The harmony which should exist is turned to discord, and the relations between the man and his surroundings are likely to be disturbed by the very circumstances which had he been in the glow of health he would control. Combine the action of the inharmonious processes working within the man to the worries and frets that he does not control without, and even if he does not inherit disease, the constant jarring between the two will initiate the process of decay, and the mental powers yield at last to the discord and soon become out of tune.

It has been remarked (Maudsley) that man cannot escape the tyranny of his organization. In part this is doubtless correct, but it will not do to accept it as a whole. While faulty organization will dominate the individual if left unwatched, still by proper training and education, much may be done to ward off or retard the progress of the downward tendency, and elevate the tone of the organization; and it is just at this point that so many fail to comprehend the great importance of setting a watch over their lives that disturbing influences may be repressed, noxious tendencies rooted out, and every untoward circumstance eliminated from the warp and woof of mental growth, which will mar symmetry or distort the proportions of a perfect mind. But it may be asked, how can this be done? How can we know what is harmful? How shall we escape from our heritage? The answer is by avoiding all things which common sense dictates are harmful, by living temperately, and walking uprightly and doing justly, eschewing evil, cleaving to good, living temperately in all things, and with lithesome heart and cheerful disposition rising above the petty annoyances and jealousies of life. It is not to be assumed

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that men can make circumstances, but it is a fact that they may make use of circumstances, so that instead of being controlled for worse, they may control for better, at least so far as proper regard to hygienic conditions is concerned, for it is evident that to disregard them is to invite defeat in life.

Good habits formed early in life will do more to mollify and propitiate offended nature than all the philosophy in the world without them, for philosophy, with sin thrown into the balance over against good habits with enough of intelligence to guide a person in the use of them, will repeat the paradox of the philosopher's scales.

In the rush for speculative intelligence and wealth, there is danger that the golden mean will be overleaped and in the race, those habits which constitute the bulwark of a nation's strength, will be disregarded or lost sight of, and when this happens, disastrous results inevitably follow; in proof witness the fall of Rome. As is the individual, so is the nation; deterioration in the unit weakens the sum of the units, and the downfall of the whole is assured unless the process of degeneracy is checked. A redeeming feature presents itself in connection with this subject; it is that in certain states of the organism before degeneracy has proceeded too far, there is under favoring conditions a tendency in the disordered organism to revert to its sound state. I say disordered because where actual destruction of tissue has proceeded far, it is rare that such reversion occurs as to eventually eradicate the difficulty, and when this does occur it is only under favoring conditions maintained through long periods of time, conditions which in many ways our present methods of thought and habits of life do not favor; conditions which are irksome, because they interfere with the gratification of tastes and appetites, formed without due consideration as to results, and to interfere with which, thwarts the desire or ambition; the effect upon general health being entirely a secondary consideration until it is lost, and only a mental wreck remains. It will not do to presume that the return to sound health will come by and by when we have time to attend to the matter. Nature's laws are not adjourned at our motion, her sway is absolute and undeviating; con-

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stant obedience gives health, the reverse, death, with an intermediate train of suffering and despair, which in many instances compasses generations. Is it not strange that these considerations which are day by day, year in and year out, within the purview of the people, considerations which are paramount to all others in whatever light we view them, considerations affecting not only the life and welfare of the individual but also the life and welfare of the nation, are utterly ignored both in nursery and university training. Is it of more importance that young men and women should be taught how to master the *gerund in dum*, than it is to conduct so as to avoid a breach with nature's laws?

I find by conversing with some of those who stand well in this community as educators, that they are self-confessed, absolutely ignorant of some of the elementary physiological principles which when ignored are fruitful causes in the production of mental disease, as our statistical registers will show. Is it right, is it wise, is it patriotic, that the study of those habits and laws of life which are to maintain the supremacy of the individual and the nation should be completely ignored? Habits, too, which are to affect the daily life of each and the protection of all, because there is not time to devote to the subject, apart from a smattering of those studies which people might better do without than lose their health. Is it not time that the subject of health and how to maintain it should be made of primary importance; its study beginning in the nursery, progressing through each successive educational step, and ending only with the life of the individual? What, then, would you have everyone a doctor? No! but I would have everyone to know that health is paramount; that disease and degeneration may be avoided by adherence to a few simple hygienic rules; that it is courted when the rules are ignored. I would have them to know how to interpret nature's language; to know the law of their own being, and how to apply it to their environment. I would have them know that nature has fixed bounds which may not be overstepped; in short, I would have a multiplication table of health, which should be as sedulously instilled into the mind of a child as is its mathematical symbol; then we should have fewer doctors, fewer asylums

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for the mentally inferior, fewer criminals, and a higher, better, loftier, healthier people to battle with the problems of life. Let us have sound bodies, and we shall, in the main, have sound minds. While an unsound mind is ever the outcome of an unsound body, of a violated law often committed through ignorance, man is none the less exempt from penalty because of ignorance. The sting is no less sharp because we fail to know that the sting exists. It is for us to learn how to pluck it out, or better yet, avoid it altogether.

I submit that this is practicable — that it is right; what, then, stands in the way? A system of education that falls short of instructing people how to develop the mental faculties in the proper order — neither over-feeding nor starving them — and how best to maintain them in a state of health when developed, does not fulfill all the requirements, and leaves the individual in profound ignorance of those things which materially affect his own welfare and the welfare of society. The influence of the body upon the functions of the mind is conceded, but the concession has been wrung out of a bitter experience, bought at a price that the world can ill afford to pay. Disease dims the intellect and snuffs out many a brilliant light which, but for it, might have shed a ray in some dark corner. In saying this I am aware that brilliant intellects have often dwelt for a time in disease-burdened bodies, but these have generally partaken more of the character of extraordinary departures from a natural law — more like the brilliancy of a meteor which lights up for a moment, eclipsing all about it, but leaving the darkness more intolerable, as compared with the steady, undeviating brightness of the pole star.

We need more men like Lyell, and Carpenter, and Faraday, and Owen, and Bain, to cry halt! to the present system of education, which ignores the teaching of those things which are best calculated to enhance the value of human life and its experiences, by disregarding a knowledge of the laws governing the same. We want a system which shall incorporate this knowledge into its very foundation, which shall at each and all stages of its growth, disseminate right views upon the subject of maintaining health.

I am led to remark upon this subject in this manner because, in

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reviewing the year's work, I have been struck with the large number of persons admitted who have the most unmistakable characteristics of race-deterioration.

It is not alone this past year that this feature has been noticeable. Among the number who yearly come to the hospital, quite a large proportion would be marked by an observing person as deteriorated, or as the phrase goes, "broken down in health." In many, the break down is clearly attributable to some form of disease; in others it can be traced to overwork and under-feeding, to the puerperal state, and as a sequel of fevers, injuries, etc., but there is another proportion, and it is large, in whom it is much more difficult to connect cause and effect, those, indeed, to whom we have already referred, where the disease, in some cases inherited, goes on steadily increasing in intensity until the mind is overthrown. The great majority of these cases are affected by a disease called scrofulosis. This is not only transmitted from one generation to another, but is induced by the continued use of improper food—coarse vegetable diet and unwholesome, unsalutary surroundings; it is a condition favored by poverty and its concomitants, though not alone confined to the more newly settled portions of the state. A coarse, poorly cooked vegetable diet, swallowed without proper mastication, especially in the young, gives rise to conditions of the system favoring the development of this form of degeneracy. Then to this, want of proper ventilation and inattention to cleanliness of the skin, each and all act as aids to the production of this form of disease. As the disease is unquestionably hereditary, it is frequently intensified in the second generation, and even when it first appears, the tendency is steadily downwards. It is a disease that pre-eminently saps the foundations of mental and physical vitality, and is one great cause of consumption; and it is to be regarded as one of the precursors of consumption, to which it rapidly tends. The conditions for its development are not wanting among those who seek homes in the new world; indeed, the disease spoken of is more frequently found among foreigners. In small cabins built upon the ground, and never thoroughly ventilated, all sanitary conditions totally disre-

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garded, the disease finds a hot-bed upon which it thrives. Young children are especially liable to it, and it attacks them with vigor, often resulting in open sores and ulcers about the neck, jaws or lower limbs.

From the table of causation it will be observed how large a proportion of cases have been admitted this year who present unmistakable evidences of this disease — and yet practical writers upon this subject tell us that the most effective way to treat it is by giving it plenty of good food, fresh air and cleanliness, and this is in accord with our observation unless the disease has advanced beyond the first stages or has passed the bounds of scrofulosis and has become consumption. The majority of these cases improve physically and mentally, but if the person is in middle age there remains a habitude about them from which they do not permanently recover, and the tendency is toward deterioration under the slightest adverse circumstance. Now it is not fair to assume that the persons thus affected knew that their manner of life predisposed them to this degeneracy; they are doubtless in fatal ignorance of the whole subject, suffering penalties inflicted for transgression, transgressions within their own power to rectify and by very simple processes.

The multiplication table of sanitary truths instilled into the minds of the growing generation will exercise a potent influence in eradicating this disease.

The disease is often the result of a succession of external influences operating against sound physiological principles at first wholly within the power of individuals to remove, but fostered in ignorance it attains its unhealthy development, and when once established it not only undermines the constitution of its possessor, but is left as a heritage to the children, who thus start in life with a millstone about the neck.

A very striking feature is apparent in examining the record of persons admitted during the year with scrofulosis. In all 42 persons presented unmistakable evidence of well marked scrofulous diathesis. Of this number only 3 were addicted to the intemperate use of liquor and tobacco — and two who smoked to excess; 5

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persons out of 42, whose habits, so far as the use of liquor and tobacco is concerned, were bad, a little more than 11 per cent.; while the percentage of cases using liquor and tobacco (acknowledged) on the whole number admitted, was 29 per cent. The scrofulous cases admitted were in the main, hard working, industrious men and women, and there was no history of syphilitic infection in any of them.

Here is a somewhat surprising record of disease afflicting these individuals, apparently without complications of intemperance or acute disorder; a canker slowly undermining development, leading steadily downwards to destruction of the tissues, and which, according to observation and experience, needs only proper sanitary measures to prevent. A little knowledge of this fact, made available at the proper time, would have been of more importance to these unfortunate individuals than all the philosophy of the ancients.

This form of disorder is a plague, no less than those acute, infectious diseases like yellow fever, scarlet fever, diphtheria and typhus, and in like manner is amendable to proper sanitary rules. In some of these cases there were complications of heredity and scrofulosis — 9 persons being thus doubly afflicted; but the margin of pure, uncomplicated cases of scrofulosis is sufficiently large to attract more than passing mention, particularly as it is a disease bred in unsanitary soil and fostered by unsanitary conditions, the removal of which eliminates one cause of bodily deterioration and race degeneracy. The number here represented constitute but a fraction of the whole number of cases who succumb in other ways, where the nervous system is not the first part of the organization to break down and who do not find their way into institutions of this character, as, for instance, consumption and kindred diseases of the several organs of the body, which scrofulosis attacks sooner or later; but with this we have nothing to do further than merely to point out the wide spread extent of the difficulty and the bearing it has upon the production of diseases of a depressing character, frequently terminating in insanity.

Good food, pure water, fresh air, all of which we have in abund-

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ance in the state, are all that is needed to prevent and cut short this cause; apparently the only thing lacking is the knowledge required to properly apply the remedy.

We need missionaries at home to preach the gospel of health and a plan of physical salvation; we need teachers in the schools to iterate a knowledge of sanitation, and professors in the colleges to reiterate the same theme until there shall be developed, as Maudsley says, "a sort of sanitary conscience, repugnant to disease breeding conditions," incompatible as they are with the best order of society. So shall society come to regard them in the same light as it now regards a breach against the moral code—that is, as criminal not only against the community, but also against the individual.

The 42 cases of scrofulosis do not include all who were admitted during the year with forms of disease in a great measure preventible.

The statistical tables indicate that 35 other individuals became insane, as a result in great measure of the disregard of hygienic conditions. Intemperance and excesses of various kinds claim 58 victims, while in others the overwork, underfeeding and its accompaniments present a list of cases which are in the main within the power of the individual or of society to prevent; and until society sees fit to make the effort for prevention the same spectacle will be annually exhibited—an army of people blindly marching to their own destruction, and giving an impulse to the next generation, their descendants, in the same direction. I am aware that the effort to prevent disease has been called by some impracticable. The same remark, we are informed, was made to Columbus, to Wilberforce, to Lincoln; let the results that each attained be an answer to the dogma of impracticability when applied to a movement which has for its object the betterment of mankind. It is not impracticability that defeats; it is indifference, disinclination, or both.

Table X makes a remarkable exhibit. Of the 198 persons admitted 52 are known to have had insane relatives more or less remote—a little more than 26 per cent. of the whole number admitted.

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I have repeatedly called attention to the facts concerning heredity so far as it relates to the admissions into this hospital, not only because the subject presents many points of deep interest, but because of the bearing it has upon the extension of the disease. Examples are not wanting where the force of this remark may unhappily be applied. In one of our patients we have the following history: The father eccentric; the mother died insane; the eldest child, a son, became insane and shot himself; the second child, the eldest daughter, is now in the hospital; a second daughter is insane and an inmate of another hospital; another daughter became insane and committed suicide by taking poison; a son was insane and shot himself; another daughter, insane, hung herself; the eldest child of the eldest daughter above mentioned has already become insane — a beginning in the second generation.

The interdependence of diseased states is also illustrated, as well as the hereditary transmission. In one case admitted, the maternal grandfather and paternal uncle were insane; in another, the father, mother and maternal uncle died of consumption; in another, the maternal uncle is insane, and the maternal grandfather died of consumption; in another, the patient's maternal and paternal uncle died insane, and the father and mother died of consumption; in another case, the patient's brother is insane, an aunt has been insane, a cousin had epilepsy, and one brother died of consumption, also insane; in another case, the brother was insane, her parents were cousins; still another, where the parents were cousins, the mother and grandmother of the patient died of consumption; in another case, one sister was insane and epileptic, and another sister died of cancer; in another, a sister died of "paralysis," the mother was epileptic; in another, the father died insane, and all the paternal and maternal uncles and aunts died of consumption; in another the maternal great-grandmother was insane, the grandmother died of cancer, and two maternal aunts died of apoplexy; another, where the paternal great-grandfather, a paternal uncle and paternal aunt were all insane, the father is peculiar and has meditated suicide, the patient committed a homicide, and is suicidal and markedly scrofulous — a condition, I should say, which is apparent in most

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of the cases presented above, nearly all presenting the features I have spoken of as pertaining to race degeneracy. Such facts are vastly more valuable than all the logic, no matter how finely spun, in establishing the truth of the interdependence of disease and its transmissibility.

A rather peculiar phase presents itself in connection with this subject, and is given more as a curiosity than of scientific value, although it is not without interest. Since the opening of the hospital, not quite seven years ago, we have had in the hospital as patients, and generally, I think with only one exception, at the same time, the following relatives: Father and son, mother and son, mother and daughter, husband and wife, brother and sister, brothers and sisters, uncles and niece, uncle and nephew, while aunts and cousins have been numerous. Another curious fact illustrating how the disease sometimes becomes manifest in a child before it attacks the parent, being also hereditary. A young man was admitted who subsequently passed through the various phases of acute mania, from which he recovered. A short time previous to his leaving the hospital, and somewhat more than a year after his admission, the mother was admitted also acutely maniacal. She passed through the various stages of acute mania, but afterwards died from uterine cancer. The disease in this case was inherited, the mother of the latter patient having been insane, or the grandmother, mother and son, the disease appearing in the son before it did in the mother. As a further proof of the process of degeneracy in families where this disease appears, we find among the admissions this year that 77 persons inherited some form of disease independent of insanity, the majority of cases being either consumption, "dropsy" or cancer. While consanguinity is mentioned as a predisposition in 6 cases, this table is entirely independent of the direct heritage of insanity, in other words, there were 77 who had inherited some form of disease independent of insanity, and fifty-two who inherited insanity, a total of 129 cases inheriting disease in some form; over 65 per cent. of the whole number admitted.

These numbers represent in both instances only those cases in which we have undoubted evidence of the pre-existence of disease

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in the families of our patients, of one phase or other, but we are not to assume that the figures represent all, for in some instances where the peculiar type of disease indicates heritage, no information can be obtained, but assuming that the figures represented the entire number of cases inheriting some form of degeneracy the record is sad enough and cannot fail to furnish material for thought to the reflective mind. The whole subject of hereditary transmission is a mysterious one and research throws but very little light upon it, beyond multiplying the examples which prove the correctness of what is sometimes called a law.

Whether the prophet had heredity in view when he stated that the fathers had eaten sour grapes and the children's teeth were set on edge, or not, the fact could not well be stated more concisely, the oriental imagery clothing an ugly fact in so homely a style that even a child could gather the meaning, and if it were possible so to clothe the facts relative to this disease that they became proverbs, inestimable good would result. The present generation is, to a certain extent, framing the social fabric of the generation which is to follow, and upon us rests in a large measure the responsibility for the weal or woe of those to come, and it behooves us to marshal all the forces of good to combat the evil within, for by so doing while we may not overcome all the degenerate tendencies of our nature we shall be healthier and better ourselves and endow our immediate descendants with more strength of purpose to resist and overcome the tendencies to degeneracy either in morals, or bodily infirmity. That these, to us, subtle influences which determine peculiar traits of character in families are influenced by the life and character of each is undoubted, and the mental aptitudes and moral qualities are affected in like manner.

In well ordered lives this disease may be dormant for one or two generations, and then suddenly recur in the third; the latent germ being roused into activity and growth by the bad habits, or ill-timed life of the inheritor.

As usual, we find in the statistical tables that insanity and other infirmities of health, go hand in hand. Insanity, consumption, epilepsy, etc., developing in the several members of a family

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having the same ancestry, and certain traits of character often mark each peculiar type of disease. So true is this that the eccentricities often observable in the immediate relatives of the insane, have become matter of common remark, among those who are, by their calling, brought into relation with them; this peculiarity of disposition has been most happily described by Dr. Maudsley, in a recent treatise on insanity. He says: "Those who have had much to do with the treatment of insane persons, have not failed to note the marked mental peculiarities of their near relatives in many instances, and to lament that they oftentimes show themselves more distrustful and more difficult to reason with, more impracticable, than the member of the family who is confessedly insane. In the first place they have such an intimate radical sympathy of nature with those tendencies of character which have culminated in insanity in him, that they cannot sincerely see alienation which is patent to all the rest of the world. They will minimize bit by bit, finding reason or excuse for each strange act, feeling or idea, until they have accounted for all the strangeness of it, and it only remains for the patient listener to confess that the palpable madness was, after all, very natural in him, and that their relative is not mad like other mad persons, or at any rate that which would be great madness in all the rest of the world, is not madness in him.

In the second place, as a consequence of their essential likeness and sympathy of nature, they will question, dispute, carp at every restraint which those under whose care he is may find it necessary to place upon him. Notwithstanding that they may have been obliged to send him from home and to put him under control because he was an intolerable trouble or an actual menace and danger, they will talk as if they would exact a mode of treatment which entirely ignored his insanity, and will end, probably, if he does not get better, in the firm belief that his disease has been caused and kept in action by the improper treatment to which he has been subjected. The worst of them would risk the chance of his attendant being killed by a lunatic rather than suffer what they call his sensitive disposition to be hurt by the necessary means of control;

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and if such a catastrophe happened, their genuine sympathies would be with him, not with the victim of his violence. Their intensely suspicious and distrustful natures, their tortuous habit of thought, their wiles and insincerities, their entire absorption in a narrow selfishness, mark a disposition which is incapable of coming into wholesome relations with mankind; it is a character to lead to guile in social intercourse, to petty fraud in business, and when the conditions of life are hard and tempt to evil doing, even to crime, and which in any case is pretty sure to breed insanity or crime in the next generation. Moral feeling is based upon sympathy; to have it one must have imagination enough to realize the relations of others and to enter ideally into their feelings; whereas these persons have not the capacity of going in feeling beyond the range of their family, unless it be to embrace a favorite cat or dog, and are governed by an intense and narrow family selfishness. They are capable sometimes of an extraordinary self-sacrifice for one another within that small circle, but they are completely shut up within it. Being in such slight and unstable relations with their kind, what wonder that a son or daughter who has descended from such unsound stock, and who most likely sucked in suspicion and egotism with the mother's milk, should get so far astray as to be loosened from wholesome bonds of social relation, and to become insane or criminal."—(Pathology of Mind, H. Maudsley, M. D.)

This condition is undoubtedly largely due to the disordered condition of the individual's nervous system, and also to the want of proper balance, a lack of will to guide the mental operations out of the rut of morbid thought in which their heritage has placed them. They cannot, of course, be expected to escape wholly from the "tyranny of their organization," but it is just here where education, if properly applied, can aid the person to combat his morbid tendencies and widen his mental horizon, and unless this is done, the end, sooner or later, is madness. The pertinacity with which this curse may cling to a family, has been well shown in a short essay recently published by William W. Ireland, M. D., who traces the "Hereditary Neurosis of the Royal Family of Spain," from unquestioned sources of information for a period of 350 years,

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appearing at times in various forms such as epilepsy, hypochondria, melancholia, mania and imbecility, until it extinguished finally the direct royal line in Spain. But between the time of the accession of the disease until the extinction of the family, nearly every species of disease, crime and rascality, was fostered by the respective heads of the house, and the misery and actual distress brought upon their subjects by the insane conduct of the rulers during the entire period of their reign, is beyond computation.

The author's conclusions I take the liberty of quoting: "The baneful tendency in the blood, was reinforced by close intermarriages with families of the same stock; and it is worthy of notice, that the house of Austria, with which the Spanish line were so often connected by marriage, had few members insane, and in the end threw off the hereditary curse. What vigor was in the first Spanish kings appeared in their illegitimate descendants, and those born in wedlock only inherited their diseases. In spite of the known ancestral taint, a match with Spain was much courted by the royal families of Europe; as an example we may recall the silly eagerness shown by James I of England to marry his son Charles with the Infanta Maria. Whoever attends closely to history, must know that there is a great deal in birth, but not birth as fixed by laws and traced by heralds. A man who is well made, strong, mentally gifted, and able to do much work and stand much strain must be well born; and a race sodden with epilepsy, insanity, and scrofula, whatever its fictitious rank, is necessarily low-born, and in reality is not worth preserving. The royal families of Europe have shown a tendency to segregate themselves, as if the possession of political power conferred some peculiar virtues on stock, and this leads them to seek alliances which sound notions would teach them to avoid, and to brand as Morganatic or left hand marriages, which would putrify their blood. If the people they rule over had any voice in such matter, as they have so deep an interest, they would forbid two royal families, each tainted with insanity, from intermarrying with one another as fraught with great dangers, not only to the family, but to the nation placed under its rule, and which must suffer for the extravagance of its members."

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IMPROVEMENTS AND FINANCES.

At the date of the last annual report the new gas works had not been completed.

Within a month from that time, however, the works were finished, the connections made, and we have been using them ever since. We now have an abundance of light manufactured at a cost of 81 cents a thousand cubic feet; this includes coal, lime and men's full time. At the last session of the legislature, two thousand dollars were appropriated for the purpose of enlarging the wash house and laundry. This work has been done in accordance with the plan submitted to this board at your quarterly meeting in April last. The wash room is now 70 by 42 feet, the lower room being used for a wash room, the upper floor for ironing.

New wash tubs, mangle and ironing machinery have been put in, and with the exception of a dry room we have a very complete arrangement. A dry room is required, and I would suggest the propriety of raising the walls of the boiler room one story, making the upper part the dry room; this could be done at a very moderate expense, the estimate based upon present prices being five hundred dollars to complete the work. The dry room is a necessity, because in rainy and very cold weather it is impossible to dry the clothing.

Eighteen hundred dollars was appropriated to build additional barn-room and a vegetable cellar. This work has been done. The root cellar is of brick, 100 feet long, 30 feet wide. The cellar is 7 feet deep, the first floor 10, and the attic will average about the same height. The walls of the building are hollow, having a four-inch air chamber between the two. It was finished in time to put in our crops. The new barn is 108 feet long, 40 feet wide, 18 feet posts. This building is now practically finished. All the work has, in the main, been performed by the regular employees of the hospital, assisted by the labor of patients who were inclined to assist. Had it been otherwise, the cost of the construction would have been in excess of the amounts appropriated in each case. As it is, this amount did not pay for the material purchased.

In addition to the work reported above, we have with our own

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help been able to begin the construction of a new green-house, which, when completed, will be a great addition to our means of amusement during the long winter months, when it is almost impossible to get patients out of the house without force. It has been built in the garden so that the patients will be obliged to take a short walk out of doors in order to get there, and there will be some object in view to induce them to go out. Wherever this plan has been tried, as it has been in several similar institutions, it has been found an admirable way of getting patients out in the winter. Hitherto there has been no special inducement; it is not a cheerful matter simply to put on clothing to run out in the cold a few minutes and back again, without any object in view, especially to those who are constantly wrapped up in morbid thoughts and chilled with horrible ideas of their own imagining.

It is the design to use some of the old pipe coil taken from under the north wing to heat the house with, so that there will be but a trifling outlay of money for that purpose. The structure has been built according to the plan submitted to your board at the April meeting, with the single exception that it is not so high by six feet as the plan contemplated. A three inch water pipe has been laid from the south end of the south wing to the new barns and hose connections placed in each barn; the pipe is coupled in the building, so that water from the tanks can be used or the force pump put on if required; hose will be needed for each of the buildings, 600 feet in all, with nozzles for each; this will cost at least \$500, for which I would respectfully suggest that an appropriation be asked. While on this subject, I would suggest that an appropriation be asked for to connect two inch pipes with the steam main in the basement, to extend into the attics, so that in the event of fire occurring in the attics, steam could be at once delivered there. It is well known that a majority of the fires occurring in such institutions "take" in the attic, where it is difficult to get at them and almost impossible to fight them successfully. A volume of live steam turned into a closed attic such as there are here would be more effectual in subduing the flames than any other means that we now command. The valves would be placed in the basement so as to be under the immediate control of the engineer.

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I would suggest a two inch pipe at each end of each ward. Each tank should be connected directly with the pump, so that all could be controlled in the engine room instead of 300 feet away, which is the case now. To do the entire work it is estimated that the cost will be \$842, a total of \$1,342.00, for further protection against fire. I would also present to your Board for your consideration, the propriety of asking for a steam fire engine, to be the property of the State. The United States government deems such a protection essential, and the Soldiers' Home in Milwaukee owns a steam fire engine; the money value of property in buildings there is not as great as it is here, yet the government takes this wise precaution. The chances for fire here are vastly greater than there. Not a year passes but that persons are admitted here who have committed or attempted arson, and that propensity exists at this very time with several patients. The expense of maintaining an apparatus of this kind would be nothing more than the wear and tear; there is a room which could be used for its shelter near our boilers, so that the water in the fire engine boiler could always be kept hot as it is in cities, and the engineer or assistant are on duty night and day, while our regular force of employees would constitute a brigade always on hand should emergency require them; it would certainly seem that every precaution should be taken to meet such an awful contingency as a fire in a hospital of this character, not only to prevent destruction of property, but to prevent loss of life which so often results from the destruction by fire of hospitals for insane, where it is no unusual thing to have patients resist to the uttermost all attempts to remove them from a burning building. The cost for a complete outfit of this kind would be about five thousand dollars. I would particularly urge this matter upon your attention, believing it to be of real importance.

This would seem to be the proper place, also, to speak of water supply. The artesian well continues to supply us with all the water we need for ordinary purposes. On one occasion it showed evident signs of lessened supply, but at present it yields all we need for use in the household, the estimated quantity being 7,500 gallons per hour. In the event of fire this supply would be of lit-

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the avail, and there is no safety without a supply for any emergency. Situated as we are, upon the shore of a lake, it would seem simply a matter of ordinary prudence to be able to command a flow of water from the lake to the house so as to have practically an inexhaustible supply. In accordance with your direction, I have communicated with parties relative to the cost of doing this work — that of laying a pipe from the lake to a cistern near the engine-room, and herewith submit a plan and estimate.

There will be no deficiency at the close of the financial year unless there should be a material rise in the cost of provisions, labor or household stores — in which case there must be — flour has already advanced materially, and nearly all supplies are tending upwards, but with what we have on hand we hope to be able to go through the balance of the year without incurring a deficiency.

For the ensuing year, should it meet you approval, I would suggest the propriety of maintaining the cost of maintenance at the same price per week as last year, viz: \$4.25. At the present time, provisions of all kinds have an upward tendency, while flour is now two dollars per barrel more than at one time within the past fiscal year, and the prospects are that it will take another rise. Labor is also higher, and I do not think it would be safe to venture upon a lower rate in the face of a rising market.

The statistics indicate increasing usefulness of the institution year by year, and it is attributable, in a great measure, to the means at disposal for bettering the class sent here for treatment, and to lower the standard of utility would be a fatal mistake.

In the last Annual Report I called attention to the fact that the average cost per week in thirty-six insane hospitals in different parts of the United States, including all the western states, some of the eastern, middle and southern states, was according to their annual reports, \$5.88 per week, and the ratio of difference in cost remains about the same for the last year.

The work of clearing land which was directed by your board nearly one year ago was proceeded with as rapidly as circumstances permitted; the ground was ready for cropping in the spring, and by it we have added materially to supplies for stock. I think

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it would be prudent to secure 80 acres of land adjacent to the present farm; it is needed now and can not fail to be a decided benefit to the hospital in the future.

Without entering into minute detail, it will be sufficient to say that the work of improving the premises has progressed during the year; not as rapidly as we could have wished, because we had no means available for such purposes; nevertheless, some advance has been made, the work being accomplished by the aid of patients who were willing to assist in light out of door work.

A record kept to show the amount of work done and time spent out of doors by the patients, indicates that during the months of May, June, July, August and September, there were 18,774 days' work credited to men; the most of it was out of door work, and 12,883 days were spent out of doors by those who did not work out. The women are credited with 19,872 days' work, and 9,741 days out of doors during the same time; and it is no infrequent occurrence to find the majority of the wards empty, the patients being out of doors either at light employment, walking, or sitting under the trees. Quite a number are engaged in the garden, and the proper table in the appendix will show that the results in that department have been good.

In behalf of the household, we extend thanks to Mr. and Mrs. C. M. Bell, for a very agreeable and entertaining concert; to Miss Mattie Murdock, for assisting in preparing a concert given to the patients by our corps of attendants; to Miss Sadie C. Goe, for illustrated papers and magazines; to Mr. J. H. Manshoot, for illustrated and other papers; also to Rev. James O'Malley, for officiating at the bedside of the sick and dying, and for chapel services; to the Rev. Messrs. Cochran, Rowlands, Meads, and K. C. Anderson, for chapel services conducted by them. During the year we have received visits from the State Homœopathic Medical Society, and from the Wisconsin State Editors' Association. The following publications have been regularly received:

Appleton Post.

Appleton Crescent.

Brandon Times.

Superintendent's Report.

Der Banner und Volksfreund (German).
Der Nord Western (German).
Der Herold (German).
Der Stimme die Wahrheit, Detroit (German).
Fond du Lac Saturday Reporter.
Fond du Lac Weekly Commonwealth.
Germania (German).
Green Bay Advocate.
Green Bay State Gazette.
Kenosha Telegraph.
Marinette and Peshtigo Eagle.
Milwaukee Blade.
New London Times.
Oshkosh Times.
Oshkosh Weekly Northwestern.
Oshkosh Wisconsin Telegraph (German).
Racine Advocate.
Ripon Commonwealth.
Ripon Free Press.
Union Grove Enterprise.

To the proprietors of each we return thanks in behalf of the members of the household. As far as it is possible to do so, the several papers are sent to those patients from near where the paper is issued, and they are often handed from one to the other until they are literally read to pieces. Those who go from home sometimes, will understand how eagerly a paper from home is sought for; by the troubled mind it is no less earnestly sought after, and often tends to divert the thoughts for a time from gloomy and distorted ideas.

The staff of the hospital, with one exception, remains unchanged. In May last, Dr. John W. Goe left the service of the hospital, and has engaged in the practice of his profession elsewhere. To fill the vacancy thus created, Dr. John R. Thomson was promoted to be second assistant physician, and Dr. Alexander Trautman has received the appointment of third assistant physician.

Superintendent's Report.

The corps of attendants has changed somewhat, but its efficiency has not been interfered with; their duties are always onerous, often extremely trying, but in the main they deserve praise for their promptitude and faithfulness.

Gratefully acknowledging the assistance I have received from you in all that pertains to the management and well-being of the institution, this report is respectfully submitted.

WALTER KEMPSTER.

NORTHERN HOSPITAL FOR INSANE.

Winnebago, Wis., Oct. 15, 1879.

Statistical Information.

STATISTICAL INFORMATION.

TABLE NO. I.

Showing movement of household for fiscal year ending September 30, 1879.

	Male.	Fem.	Total.
Remaining under treatment September 30, 1878.....	280	279	559
Admitted during the year.	104	94	198
Total number under treatment.....	384	373	757
Average under treatment daily.....	.....	.....	553³/₁₂
Discharged recovered.....	81	34	65
Discharged improved.....	32	33	65
Discharged unimproved.....	31	12	43
Discharged sober.....	3	.....	3
Died.....	16	19	35
Total discharged.....	113	98	211
Remaining under treatment September 30, 1879. ...	271	275	546

TABLE NO. II.

Showing the form of insanity in those admitted.

	Male.	Fem.	Total.
Melancholia.....	23	21	44
Acute Mania.....	13	17	30
Sub-acute Mania.....	3	11	14
Chronic Mania.....	34	27	61
Paroxysmal Mania.....	7	5	12
Epileptic Mania.....	2	2	4
Mania a potu.....	1	.....	1
Dementia.....	16	8	24
Demertia senilis.....	.....	1	1
General Paresis.....	5	1	4
Alcoholism.....	2	.....	2
Not insane.....	.....	1	1
	104	94	198

Statistical Information.

TABLE NO. III.

Showing probable exciting causes in those admitted.

	Male.	Fem.	Total.
Injury to head	2	1	3
Ictus solis	2	.....	2
Meningitis seq. to injury of head	1	.....	1
Meningitis	3	1	4
Sub-acute Meningitis	13	6	19
Cerebral hemorrhage	1	.....	1
Aphasia	1	.....	1
Phthisis pulmonalis .....	.....	2	2
Locomotor ataxia	1	.....	1
Periencephalitis	3	.....	3
Chronic cerebral atrophy .....	.....	1	1
Tabes dorsalis	1	.....	1
Syphilis	2	.....	2
Epilepsy	5	6	11
Pubescent state	1	.....	1
Second climacteric .....	.....	3	3
Menstrual irregularities .....	.....	2	2
Puerperal state .....	.....	2	2
Postpuerperal state .....	.....	2	2
Sexual excess	1	.....	1
Masturbation	1	.....	1
Scrofulosis	8	13	21
Scrofulosis and postpuerperal state .....	.....	1	1
Scrofulosis and menstrual irregularities .....	.....	1	1
Scrofulosis seq. to typhoid fever	1	.....	1
Scrofulosis, spinal sclerosis and opium habit .....	.....	1	1
Scrofulosis, overwork and grief	3	3	6
Scrofulosis and intemperance	1	.....	1
Heredity	4	.....	4
Heredity and sub-acute meningitis	1	.....	1
Heredity and masturbation	3	.....	3
Heredity and overwork	1	1	2
Heredity and second climacteric .....	.....	1	1
Heredity and intemperance	2	.....	2
Heredity, intemperance and excess .....	.....	1	1
Heredity and puerperal state .....	.....	1	1
Heredity and scrofulosis	4	5	9
Heredity and syphilis	1	.....	1
Intemperance	6	.....	6
Intemperance and sub-acute meningitis	1	.....	1
Intemperance and opium habit .....	.....	1	1
Intemperance and excesses .....	.....	1	1
General illhealth	1	4	5
Illhealth seq. to overwork, want, privation, etc	4	12	16
Illhealth seq. to grief, anxiety, fright, etc	3	3	6
Illhealth seq. to overwork and anxiety	1	2	3
Illhealth seq. to fevers	2	1	3
Unknown	19	16	35
	104	94	198

Statistical Information.

TABLE NO. IV.

Showing duration of insanity previous to admission.

	Male.	Fem.	Total.
Four days.....	1	.....	1
Six days.....	.....	1	1
One week.....	1	2	3
Eight days.....	2	1	3
Nine days.....	1	1	2
Ten days.....	1	1	2
Twelve days.....	.....	1	1
Two weeks.....	2	.....	2
Three weeks.....	1	8	9
Four weeks.....	5	4	9
Five weeks.....	2	3	5
Six weeks.....	2	4	6
Seven weeks.....	.....	1	1
Eight weeks.....	6	3	9
Ten weeks.....	1	2	3
Three months.....	6	2	8
Four months.....	1	2	3
Five months.....	2	3	5
Five and a half months.....	1	.....	1
Six months.....	6	3	9
Seven months.....	1	1	2
Eight months.....	3	2	5
Eleven months.....	1	.....	1
Twelve months.....	8	6	14
Thirteen months.....	.....	1	1
Fifteen months.....	1	.....	1
Seventeen months.....	1	.....	1
Eighteen months.....	2	4	6
Twenty-two months.....	.....	1	1
Two years.....	6	3	9
Three years.....	5	6	11
Four years.....	3	4	7
Five years.....	2	1	3
Six years.....	2	2	4
Seven years.....	2	.....	2
Eight years.....	.....	2	2
Ten years.....	.....	3	3
Eleven years.....	1	.....	1
Twelve years.....	2	2	4
Fourteen years.....	1	.....	1
Fifteen years.....	.....	1	1
Sixteen years.....	1	1	2
Twenty-three years.....	.....	1	1
Thirty-one years.....	.....	1	1
Thirty-two years.....	1	.....	1
Forty years.....	.....	1	1
Several years.....	3	.....	3
Unknown.....	17	9	26
	104	94	198

Statistical Information.

TABLE NO. V.

Showing age of those admitted.

	Male.	Fem.	Total.
Fifteen to twenty years.....	5	5	10
Twenty to twenty-five years	13	16	29
Twenty-five to thirty years....	14	8	22
Thirty to thirty-five years.....	13	16	29
Thirty-five to forty years.....	14	13	27
Forty to forty-five years	7	9	16
Forty-five to fifty years.....	10	10	20
Fifty to fifty-five years.....	6	5	11
Fifty-five to sixty years.....	11	6	17
Sixty to sixty-five years.....	4	2	6
Sixty-five to seventy years	4	3	7
Seventy to seventy-five years.....	2	...	2
Unknown	1	1	2
	104	94	198

Statistical Information.

TABLE NO. VI.

Showing occupation of those admitted.

	Male.	Fem.	Total.
Housekeepers		69	69
Farmers	48		48
Laborers	14		14
Servants		9	9
Teachers.....	1	3	4
Scholars	1	3	4
Students	3		3
Carpenters	3		3
Millers.....	2		2
Lawyers.....	2		2
Merchants.....	2		2
Peddlers.....	2		2
Harnessmakers.....	2		2
Hotelkeepers.....	2		2
Blacksmiths.....	2		2
Tailor.....	1		1
Lumberman.....	1		1
Mason.....	1		1
Shoemaker.....	1		1
Gunsmith.....	1		1
Ironworker.....	1		1
Expressman.....	1		1
Shipcarpenter.....	1		1
Printer.....	1		1
Baker.....	1		1
Seamstress		1	1
Clerk.....	1		1
Cooper.....	1		1
Laundress.....		1	1
Photographer.....	1		1
Dressmaker.....		1	1
Fisherman.....	1		1
Painter.....	1		1
Bookkeeper.....	1		1
Upholsterer.....	1		1
Editor.....	1		1
No occupation	2	7	9
	104	94	198

Statistical Information.

TABLE NO. VII.

Showing nativity of those admitted.

	Male.	Fem.	Total.
Germany.....	25	30	55
Wisconsin.....	20	19	39
New York.....	14	16	30
Ireland.....	11	5	16
England.....	5	2	7
Canada.....	5	1	6
Austria.....	3	1	4
Massachusetts.....	3	1	4
Denmark.....	2	1	3
Holland.....	3	.....	3
Wales.....	1	2	3
Pennsylvania.....	1	2	3
Vermont.....	2	1	3
Rhode Island.....	1	1	2
Maine.....	2	.....	2
Ohio.....	2	.....	2
Belgium.....	.....	2	2
Bohemia.....	.....	2	2
France.....	1	1	2
Sweden.....	1	.....	1
Norway.....	.....	1	1
New Jersey.....	1	.....	1
Tennessee.....	.....	1	1
Illinois.....	.....	1	1
Connecticut.....	.....	1	1
Alabama.....	.....	1	1
Indiana.....	.....	1	1
Louisiana.....	.....	1	1
Unknown.....	1	.....	1
	104	94	198

TABLE NO. VIII.

Showing the degree of education in those admitted.

	Male.	Fem.	Total.
Academic.....	1	1	2
Collegiate.....	2	2	4
Common school.....	81	72	153
Reads and writes.....	7	10	17
Reads.....	11	2	13
No education.....	2	6	8
Unknown.....	.....	1	1
	104	94	198

Statistical Information.

TABLE NO. IX.

Showing civil condition of those admitted.

	Male.	Fem.	Total.
Married	46	57	103
Single	51	31	82
Widowed	6	6	12
Divorced	1	.....	1
	104	94	198

TABLE NO. X.

Showing hereditary transmission in fifty-two patients admitted and their insane relations.

	Male.	Fem.	Total.
Father insane	3	2	5
Mother insane	1	5	6
Sister insane	3	7	10
Maternal uncle insane	2	3	5
Paternal uncle insane .....	.....	2	2
Maternal and paternal uncle insane	1	.....	1
Cousin insane .....	.....	1	1
Paternal cousin insane .....	.....	1	1
Father and paternal grandfather insane	1	.....	1
Father and maternal uncle insane	1	.....	1
Father and paternal uncle insane	2	.....	2
Father, brother, paternal cousin and paternal uncle insane	1	.....	1
Father and sister insane	1	.....	1
Mother and maternal aunt insane	1	.....	1
Mother and brother insane	1	.....	1
Mother and two brothers insane	1	.....	1
Mother, sister and brother insane .....	.....	1	1
Maternal grandfather insane	1	.....	1
Maternal grandmother insane	1	.....	1
Maternal grandfather and maternal aunt insane .....	.....	1	1
Maternal grandfather, great aunt and great uncle insane .....	.....	1	1
Paternal grandfather and uncle insane	1	.....	1
Paternal grandmother and aunt insane	1	.....	1
Maternal granduncle and maternal uncle insane	1	.....	1
Great grandfather insane .....	.....	1	1
Gr. gr'dfather, pat. gr'dfather, pat. uncle and aunt insane .....	.....	1	1
Paternal aunt, maternal cousin and brother insane .....	.....	1	1
Brother and son insane	1	.....	1
	25	27	52

Statistical Information.

TABLE NO. XI.

Showing predisposition to disease independent of insanity.

PREDISPOSITION.	Patients.		Parents and Grandparents.		Brothers.	Sisters.	Uncles.	Aunts.	Consanguinity.	Unknown.	Total.
	M.	F.	M.	F.							
Phthisis pulmonalis	14	15	10	9	7	7	5	...	...	2	40
Phthisis, Ascites, Paralysis	1	1	1	1	...	...	...	...	...	...	2
Dropsy*	1	3	1	...	...	2	1	1	...	1	6
Cancer	5	4	...	6	1	4	1	...	...	...	12
Paralysis*	1	...	1	...	...	1	...	...	...	...	2
Heart disease*	2	...	1	2	...	...	...	...	...	...	3
Epilepsy	1	...	...	1	...	2	...	...	...	...	3
Apoplexy	1	...	...	...	...	...	2	...	...	...	2
Consanguinity	1	6	...	...	...	...	...	7	...	...	7
	26	29	...	...	...	...	...	...	...	...	77

TABLE NO. XII.

Showing those who have committed, attempted or threatened homicide, suicide, or arson.

	Male.	Female	Total.
Attempted suicide	7	8	15
Attempted homicide	5	1	6
Attempted homicide and suicide	2	1	3
Threatened suicide	4	9	13
Threatened homicide	8	5	13
Threatened homicide and suicide	7	8	15
Attempted and threatened suicide . . . . .	...	2	2
Attempted and threatened homicide	2	...	2
Attempted and threatened suicide and homicide	1	...	1
Attempted suicide, threatened homicide	1	...	1
Attempted homicide, threatened suicide	1	...	1
Committed homicide, threatened suicide	1	1	2
Committed arson . . . . .	...	1	1
	39	36	75

*The information being furnished by the relatives, we are unable to state the exact nature of the disease.

Statistical Information.

TABLE NO. XIII.

Showing hereditary predisposition to insanity in those who attempted or threatened homicide or suicide.

	Attempted sui- cide.		Threaten'd suicide.		Threaten'd homi- cide.		Attempt'd suicide and homicide.		Threat'd & attempt- ed homicide.		Threat'd homicide and suicide.		Cm't'd homicide; threat'd suicide.		Total.	
	M	F	F	M	F	M	M	F	M	F	M	F	F	M	F	
Mother insane.....	1	1							1						1	2
Father eccentric.....		1														1
Father and uncle insane	1															1
Father and sister insane.....								1								1
Father, pat. uncle, bro. and cousin insane.....										1						1
Mother and maternal aunt insane.....	1															1
Mother, sister and brother insane.....			1													1
Sister insane		1	1						1							2
Paternal uncle insane.....										1	1					1
Maternal uncle insane				1	1					1						2
Maternal and paternal uncle insane.....							1									1
Mater'l aunt and mater'l grandfather.....											1					1
Paternal cousin insane.....			1													1
Pat. gr.-g'df'r, g'df'r, pat. uncle & aunt.....												1				1
Mater'l grandfather and pat. uncle.....									1							1
Bro., pat. aunt, mater'l cousin insane.....											1					1
															10	12

TABLE NO. XIV.

Showing hereditary predisposition to disease in those who attempted or threatened homicide or suicide.

PREDISPOSITION.	PA- TIENTS.		PAR'NTS & GR'D PAR'NTS.		Brothers.	Sisters.	Uncles.	Consang'y.	Total.
	M.	F.	M.	F.					
Phthisis pulmonalis.....	5	7	6	4	5	2	1		18
Heart disease	3	1	1		2				3
Dropsy		1	1						1
Dropsy and Phthisis.....	1			1		1			2
Cancer	1	1		1		1			2
Cancer and Phthisis	1				2				2
Epilepsy	1			1		2			3
Consanguinity	1	2						3	3
	13	12							34

Statistical Information.

TABLE NO. XV.

Showing cause of insanity in those who recovered.

	Male.	Fem.	Total.
Illhealth seq. to fevers	2	2	4
Ill health seq. to overwork, privation, etc.....	7	9	16
Illhealth seq. to grief, anxiety, etc	1	1	2
Illhealth and scrofulosis		3	3
Anæmia		1	1
Scrofulosis.....	1	2	3
Scrofulosis and menstrual irregularities.....		1	1
Scrofulosis and heredity		1	1
Heredity	1		1
Sub-acute meningitis	4	1	5
Injury to head	1		1
Cerebral hyperæmia	2		2
Ictus solis.....	3		3
Epilepsy		2	2
Intemperance	4		4
Intemperance and excesses.....	1	1	2
Intemperance and sub-acute meningitis.....	1		1
Masturbation	1		1
Pregnancy		1	1
Puerperal state.....		3	3
Pubescent state.....		1	1
Menstrual irregularities.....		1	1
Nostalgia		1	1
Unascertained.....	2	3	5
	31	34	65

TABLE NO. XVI.

Showing form of insanity in those who recovered.

	Male.	Fem.	Total.
Acute mania.....	9	8	17
Sub-acute mania	4	7	11
Puerperal mania.....		1	1
Epileptic mania		1	1
Recurrent mania	3	1	4
Chronic mania	1	2	3
Melancholia.....	7	11	18
Dementia	6	3	9
Alcoholism	1		1
	31	34	65

Statistical Information.

TABLE No. XVII.

Showing duration of insanity before admission, and time under treatment in those who recovered.

DURATION BEFORE ADMISSION.	TIME UNDER TREATMENT.														Total.				
	3 months or less.		6 months or less.		9 months or less.		1 year or less.		15 months or less.		24 months or less.		30 months or less.			4y's. or less		6y's. or less	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		F	M	F	M
One week or less.....			1				1												2
One month or less.....	1	1	2	3	2	2	1	2				1							15
Three months or less.....	1		3	2		1	2	1	1										14
Four months or less.....			1										1						2
Six months or less.....		1	1	1		1		2									1	1	8
One year or less.....				1		1		1	1	1									5
Two years or less.....		1				1						1		1					4
Three years or less.....				1			1	1				1							4
Four years or less.....														1			1		1
Five years or less.....														1					1
Ten years or less.....							1		1				1						3
Several years.....	1																		1
Unknown.....			1	1	1		1									1			5
	3	3	9	9	3	5	8	6	3	1	3	1	3	3	2	5	1		65

Statistical Information.

TABLE NO. XVIII.

Showing the cause of death in those who died during the year, and the form of insanity in each case at the time of admission.

FORM OF INSANITY AT THE TIME OF ADMISSION.	CAUSE OF DEATH.														Total.												
	Phthisis pulmonalis.		Epilepsy.		General Paresis.		Progr. pernicious anæmia		Encephalitis.		Apoplexy.		Cerebral hemorrhage.			Septicæmia.		Eclampsia.		Spinal sclerosis.		Cerebral tumor.		Cerebro-spinal apoplexy.		Pulmonary apoplexy.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F
Melancholia	1	4														1											6
Acute mania									2																	1	3
Sub-acute mania ..			2																								2
Chronic mania ...	1	3						1			1			1				1								9	
Epileptic mania...			1																								1
Dementia	2	4	1								1			1										1			10
General Paresis...					3	1																					4
	4	13	2	3	1		1	2	1	1		1	1	1	1	1	1	1	1		1	1	1	1	1	35	

TABLE NO. XIX.

Showing the cause of death and the age of those who died.

AGE AT TIME OF DEATH.	CAUSE OF DEATH.														Total.												
	Phthisis pulmonalis.		Epilepsy.		General Paresis.		Progr. pernicious anæmia		Encephalitis.		Apoplexy.		Cerebral hemorrhage.			Septicæmia.		Eclampsia.		Spinal Sclerosis.		Cerebral tumor.		Cerebro-spinal apoplexy.		Pulmonary apoplexy.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F
15 to 20			2	1																							3
20 to 25			2	2																							3
25 to 30	1	2	1																								4
30 to 35		2						1							1												5
35 to 40	1							1																			3
40 to 45								1																			1
45 to 50		3		2																							5
50 to 55						1				1			1														3
55 to 60		1		1							1																3
60 to 65		1																									1
65 to 70		1													1												2
Unknown	1																1										2
	4	13	2	3	1		1	2	1	1		1	1	1	1	1	1	1	1		1	1	1	1	1	35	

Statistical Information.

TABLE No. XX.

Showing duration of disease in those who died.

	Male.	Fem.	Total.
Between three and six months.....	2	2	4
Between six and nine months.....	3	.....	3
Between nine and twelve months.....	1	.....	1
Between one and two years.....	2	2	4
Between two and three years.....	1	3	4
Between three and four years.....	1	3	4
Between four and five years.....	2	.....	2
Between six and seven years.....	2	1	3
Between seven and eight years.....	.....	1	1
Between eight and ten years.....	.....	2	2
Between ten and twelve years.....	.....	1	1
Between fourteen and sixteen years.....	.....	1	1
Between sixteen and eighteen years.....	.....	1	1
Unknown.....	2	2	4
	16	19	35

TABLE No. XXI.

Showing general statistics of the hospital from its opening, May 11, 1873, to September 30, 1879.

	Male	Fem.	Total	Male	Fem.	Total
Total number admitted.....	.....	.....	.....	672	661	1333
Total number discharged recovered.....	113	115	228	.....	.....	.....
Total number discharged improved.....	93	109	202	.....	.....	.....
Total number discharged unimproved.....	99	57	156	.....	.....	.....
Total number discharged sober.....	5	1	6	.....	.....	.....
Total number discharged not insane.....	2	3	5	.....	.....	.....
Total number died.....	89	101	190	.....	.....	.....
Total number discharged.....	.....	.....	.....	401	386	787
Remaining in hospital Sept 30, 1879.....	.....	.....	.....	271	275	546

Statistical Information.

TABLE NO. XXII.

Showing number of patients in the hospital from each county, and the number to which each is entitled.

COUNTIES.	No. to which entitled.	Whole number admitted	Remaining in hospital Sept. 30, 1879.
Ashland.....	2	.....	.....
Bayfield.....	2	.....	.....
Brown.....	27	78	29
Clark.....	6	10	6
Calumet.....	12	33	10
Columbia.....	.....	1	.....
Dodge.....	37	69	35
Door.....	6	14	6
Fond du Lac.....	39	129	38
Green Lake.....	12	21	11
Grant.....	.....	1	1
Jefferson.....	27	80	25
Kenosha.....	10	20	10
Kewaunee.....	11	13	9
Lincoln.....	2	2	1
Manitowoc.....	30	70	23
Marathon.....	8	12	6
Marquette.....	6	11	6
Milwaukee.....	95	213	92
Marinette.....	.....	2	2
Outagamie.....	20	61	21
Ozaukee.....	13	23	12
Oconto.....	11	36	11
Portage.....	11	22	12
Racine.....	22	42	23
Shawano.....	5	8	4
Sheboygan.....	26	77	23
Taylor.....	2	3	1
Washington.....	19	46	20
Waukesha.....	23	42	24
Waupaca.....	15	31	15
Waushara.....	9	15	8
Winnebago.....	35	115	37
Wood.....	5	12	6
State at Large.....	.....	21	14
.....	.....	1,333	546

Statistical Information.

TABLE No. XXIII.

Showing number of admissions to the hospital of those admitted during the year.

	Male.	Fem.	Total.
Admitted for the first time	98	90	188
*Admitted for the second time	5	3	8
*Admitted for the third time.....	1	1	2
	104	94	198

TABLE No. XXIV.

Showing the number recovered from previous insanity in those recovered during the year.

	Male.	Fem.	Total.
Recovered from first attack... ..	29	33	62
Recovered from second attack.....	1	1	2
Recovered from third attack.....	1	.....	1
	31	34	65

* These cases were returned from their homes or the county jails on account of their violence.

Steward's Account.

STEWARD'S ACCOUNT.

The following is the Steward's list of vouchers for all expenditures made during the fiscal year ending September 30, 1879:

1878.			
Oct. 7	1	Sundry persons, pay roll for August, 1878.....	\$2,448 71
Oct. 7	2	Sundry persons, officers' pay roll.....	1,950 00
Oct. 9	3	P. Rupp, trustee's expenses.....	8 50
Oct. 9	4	Henry Bochmer, straw cutter.....	12 00
Oct. 9	5	L. Valentine, fruit.....	59 74
Oct. 9	6	R. D. Paris & Co., butter and eggs.....	167 70
Oct. 9	7	Jos. Butler, traveling expenses.....	6 92
Oct. 14	8	J. A. Davis, returning eloper.....	4 90
Oct. 14	9	C. J. Russell, fruit.....	5 20
Oct. 14	10	I. M. Davis, fruit.....	28 60
Oct. 14	11	J. M. Dervey, potatoes.....	194 46
Oct. 16	12	Matt. Neis, beef.....	229 25
Oct. 16	13	G. Wiederman, beef.....	206 85
Oct. 16	14	T. Hoeinig, beef and poultry.....	45 57
Oct. 16	15	G. B. Adams, butter.....	139 93
Oct. 16	16	Krueger, Lehrkind & Co., butter.....	166 37
Oct. 16	17	W. Wakema, lard.....	73 68
Oct. 16	18	W. B. Felker, flour.....	12 50
Oct. 16	19	I. M. Davis, oysters.....	12 90
Oct. 16	20	J. M. Dewey, potatoes.....	368 16
Oct. 16	21	Weed & Gumaer, flour.....	265 00
Oct. 16	22	Foot Bros. & Co., flour.....	214 70
Oct. 16	23	Sprague, Warner & Co., sal. soda.....	14 22
Oct. 16	24	N. T. Stickney, slippers.....	36 50
Oct. 16	25	Wisconsin Sock Factory, socks.....	32 50
Oct. 16	26	H. S. Manville, socks.....	21 82
Oct. 16	27	A. Eisenach, sand.....	33 20
Oct. 16	28	S. Neff, hauling sand.....	62 25
Oct. 16	29	Hoffman, Billings, & Co., pipe.....	40 73
Oct. 16	30	E. Howard & Co., electric bells.....	60 50
Oct. 16	31	E. P. Allis, pipe.....	231 23
Oct. 16	32	Neenah Elevator, feed.....	36 15
Oct. 16	33	McLeon & Haas, buggy.....	175 00
Oct. 16	34	Bachelder & Fisher, flower pots.....	8 00
Oct. 16	35	N. A. Gray, trustee's expenses and salary.....	99 10
Oct. 16	36	W. P. Rounds, trustee's expenses.....	39 55
Oct. 16	37	P. Rupp, trustee's expenses.....	5 50
Oct. 16	38	W. Kempster, traveling expenses.....	13 50
Oct. 17	39	Snell & Bates, hardware.....	10 00
Oct. 19	40	Rudd & Holden, carriage.....	200 00
Oct. 19	41	J. A. McPartling, stump machine.....	50 00
Oct. 21	42	C. P. Coslett, returning eloper.....	9 25
Oct. 23	43	Sundry persons, laborers.....	16 00
Oct. 23	44	J. F. Corrigal, repairing vehicles.....	8 25
Oct. 23	45	J. L. Patton, M.D., visiting physician.....	2 01
Oct. 23	46	Owens & Reese, butter.....	85 29
Oct. 30	47	Sundry persons, pay roll for September.....	2,451 44
Oct. 30	48	Chas. Sumner, beef.....	431 97

Steward's Account.

1878.			
Oct. 30	49	J. M. Dewey, beans	\$133 65
Oct. 30	50	C. Williams, butter ..	92 65
Oct. 30	51	Roundy, Peckham & Co., groceries	238 30
Oct. 30	52	Fiel, Leiter & Co., dry goods	1,395 00
Oct. 30	53	J. H. Gautier & Co., retorts and tile	362 90
Oct. 30	54	E. P. Allis, pipe fittings	12 94
Oct. 30	55	Geo. F. Stroud, paints and oils	47 35
Oct. 30	56	A. S. Chubbuck, locks	414 00
Oct. 30	57	R. Haney, hardware	33 57
Oct. 30	58	Bachelder & Fisher, feed	90 00
Oct. 30	59	John Saul, plants	28 10
Oct. 30	60	E. A. Potter, straw	15 00
Oct. 30	61	J. G. Langguth, transit and other instruments	220 00
Oct. 31	62	G. B. Adams, vinegar	83 74
Oct. 31	63	C. S. Weston, butter and eggs	32 45
Oct. 31	64	Am. Exp. Co., exp. message	12 30
Oct. 31	65	C. M. & St. P. R. R. Co., freight	3 01
Oct. 31	66	C. & N. W. R. R. Co., freight	584 04
Oct. 31	67	Sundry persons, petty cash	5 16
Nov. 2	68	A. Ketcher, cow	35 00
Nov. 2	69	J. J. Marshall, cow	35 00
Nov. 2	70	J. B. Geer, cow	45 00
Nov. 2	71	G. H. Keyes, cows	450 00
Nov. 2	72	S. S. Roubey & Co., beef	33 00
Nov. 2	72	Brown & Lloyd, beef	163 79
Nov. 4	74	Sundry persons, labor	256 99
Nov. 4	75	N. W. T. I. Co., telegrams	7 48
Nov. 4	76	R. D. Paris, butter and eggs	167 36
Nov. 4	77	Cameron & Eighme, beef	58 00
Nov. 7	78	M. Fillner, beef	28 00
Nov. 7	79	L. Valentine, fruit	26 86
Nov. 8	80	P. Christenson, hauling gravel	62 44
Nov. 8	81	Kohlen, Haysen & Stehn, straw cutter	5 00
Nov. 8	82	Frank Percey, hardware	2 70
Nov. 13	83	Jansen, McClurg & Co., books	367 82
Nov. 13	84	Chas. Sumner, beef	106 75
Nov. 13	85	M. Sill, butter	34 85
Nov. 13	86	W. C. Dickerson, butter	107 87
Nov. 13	87	John Ross, butter	225 91
Nov. 13	88	T. Smith & Co., butter and eggs	159 14
Nov. 13	89	Krueger, Lehrkind & Co., butter and eggs	170 46
Nov. 13	90	John Lloyd, butter and eggs	40 16
Nov. 13	91	C. J. Russell, fruit	110 17
Nov. 13	92	Sprague, Warner & Co., groceries	330 68
Nov. 13	93	Foots Bros. & Co., flour	122 77
Nov. 13	94	J. M. Rollins & Co., shoes	150 73
Nov. 13	95	Carswell & Hughes dry goods	275 70
Nov. 13	96	Baeder, Adams & Co., hair	840 84
Nov. 13	97	Field, Leiter & Co., dry goods	264 00
Nov. 13	98	Smith & Proctor, feed	130 58
Nov. 13	99	Clements & Stevens, feed	80 62
Nov. 13	100	Rudd & Holden, repairing vehicles	9 65
Nov. 13	101	E. S. Bristol & Co., root cutter	12 60
Nov. 13	102	J. Bauman & Co., drugs	214 67
Nov. 13	103	E. H. Sargent & Co., medical supplies	64 50
Nov. 13	104	C. D. Colvin, tile	12 50
Nov. 13	105	Cook & Hyde, stone	119 28
Nov. 13	106	W. E. Goodman, pipe fixtures	64 20
Nov. 13	107	Hoffman, Billings & Co., pipes, etc	184 70

Steward's Account.

1878.			
Nov. 13	108	L. Dimpsey, repairs on roof.....	\$24 16
Nov. 13	109	G. C. Morgan & Co., water meter.....	60 25
Nov. 13	110	R. Stiles, butter.....	35 14
Nov. 20	111	Fernandez & Glaze, stationery.....	47 75
Nov. 20	112	P. Rupp trustee, expenses.....	8 50
Nov. 20	113	J. F. Knebs, labor.....	12 00
Nov. 20	114	Sawyer & Co., stationery.....	15 00
Nov. 23	115	Brown & Lloyd, beef.....	343 22
Nov. 23	116	J. Lalley, beef.....	401 95
Nov. 23	117	I. M. Davis & Co., apples.....	350 00
Nov. 23	118	W. B. Kingsbury, butter.....	136 96
Nov. 23	119	Sprague, Warner & Co., sugar.....	289 06
Nov. 23	120	Baeder, Adamson & Co., hair.....	150 92
Nov. 23	121	J. P. Gou'd, windows.....	60 18
Nov. 23	122	H. Shenny, lumber.....	165 00
Nov. 23	123	E. H. Sargeant, surgical appliances.....	50 96
Nov. 23	124	T. E. Folly, fruit.....	1 60
Nov. 23	125	P. Christenson, services mason.....	36 00
Nov. 23	126	Wm. Ayers, services mason.....	29 25
Nov. 23	127	Sundry persons, pay-roll for October.....	2,539 04
Nov. 28	128	Kerr Murray, gas works.....	4,045 99
Nov. 28	129	Kreuger, Leaskind & Co., butter.....	154 90
Nov. 28	130	R. Barnett, beef.....	112 00
Nov. 28	131	Foote Bros. & Co., flour.....	199 63
Nov. 28	132	Mann, Beals & Co., slippers.....	102 20
Nov. 28	133	Hoffman, Billings & Co., pipe, etc.....	136 76
Nov. 28	134	P. Christenson, beef.....	26 00
Nov. 28	135	D. La Count, M. D., visiting physician.....	5 10
Nov. 28	136	C. A. Sumner, turkeys.....	20 28
Nov. 28	137	E. H. Davis, eggs.....	10 80
Nov. 28	138	N. C. Christenson, carpenter work.....	10 00
Nov. 28	139	M. Kelly, butter.....	17 32
Nov. 30	140	E. Stilson, butter.....	45 12
Nov. 30	141	W. M. Walker, stamps.....	12 56
Nov. 30	142	American Express Co., expressage.....	7 65
Nov. 30	143	C. & N. W. Railway, freight.....	263 58
Nov. 30	144	Sundry persons, petty cash.....	4 86
Dec. 4	145	T. Grady, beef.....	28 00
Dec. 4	146	J. Rasske, butter.....	38 04
Dec. 6	147	E. Chapman, services.....	32 00
Dec. 6	148	N. W. Telegraph Co., telegrams.....	10 59
Dec. 6	149	W. G. Brauer, violin strings.....	5 30
Dec. 11	150	G. Cameron, beef.....	133 00
Dec. 11	151	E. Dealy, turkeys.....	17 28
Dec. 11	152	M. B. Green, turkeys.....	43 14
Dec. 11	153	E. Williams, butter.....	105 39
Dec. 11	154	W. E. Dickerson, butter.....	56 52
Dec. 11	155	W. Wakeman, lard.....	77 84
Dec. 11	156	E. D. Davis, fruit.....	150 80
Dec. 11	157	G. B. Adams, apples.....	11 45
Dec. 11	158	Thos. Wallace, straw.....	24 19
Dec. 11	159	Snarp & Smith, surgical appliances.....	75 00
Dec. 11	160	E. H. Sargent, drugs.....	27 43
Dec. 11	161	Jansen & McClurg, books.....	60 31
Dec. 11	162	Am. Journal of Insanity, subscription, 2 years.....	10 00
Dec. 11	163	W. E. Godman, gas fixtures.....	6 00
Dec. 11	164	Cook, Brown & Co., brick and lime.....	1,158 82
Dec. 11	165	J. M. Brunswick & Balke, billiard table supplies.....	24 00
Dec. 11	166	Matthews Bros. & Co., furniture.....	300 00

Steward's Account.

1878.			
Dec. 11	167	Jas. Wiley, threshing.....	\$39 53
Dec. 12	168	E. M. Bennett, straw.....	11 27
Dec. 14	169	Webster & Lawson, lumber.....	23 66
Dec. 14	170	G. A. Badger, eggs.....	11 40
Dec. 14	171	L. Rosa, labor.....	51 50
Dec. 17	172	A. R. Horn, pig.....	10 00
Dec. 17	173	C. J. Dalton, evergreens.....	10 00
Dec. 17	174	W. Spikes, coffins.....	24 00
Dec. 18	175	John Lusty, barrels.....	16 25
Dec. 18	176	Bergstrom Bros. & Co., stove.....	19 00
Dec. 25	177	Ball & Goodrich, groceries.....	384 42
Dec. 25	178	Roundy, Peckham & Co., groceries.....	268 21
Dec. 25	179	C. J. Russell, canned fruit.....	49 20
Dec. 25	180	F. Smith, butter and eggs.....	85 80
Dec. 25	181	Lankton & Clarke, eggs.....	18 60
Dec. 25	182	J. F. W. Decker, crockery.....	196 90
Dec. 25	183	Yale Lock Co., locks.....	74 82
Dec. 25	184	G. F. Stroud, paints and oils.....	186 48
Dec. 25	185	Hoffman, Billings & Co., pipe and tools.....	81 21
Dec. 25	186	Field, Leiter & Co., dry goods.....	96 76
Dec. 25	187	W. Hill & Co., dry goods.....	460 86
Dec. 25	188	H. Friend & Bro., clothing.....	1,491 50
Dec. 25	189	Straw, Ellsworth & Brandt, clothing.....	102 75
Dec. 25	190	H. L. Eisen & Co., clothing.....	82 00
Dec. 25	191	Mann, Beals & Co., slippers.....	42 10
Dec. 25	192	W. Knabe, piano.....	475 00
Dec. 25	193	P. Rupp, expenses as trustee.....	8 50
Dec. 25	194	John Nevills, services as night watch.....	25 00
Dec. 31	195	Sundry persons, pay roll for November.....	2,477 13
Dec. 31	196	Sundry persons, officers' pay roll.....	1,950 00
Dec. 31	197	Math. Neis, beef and poultry.....	332 45
Dec. 31	198	Footo Bro. & Co., flour.....	325 44
Dec. 31	199	H. Bosworth & Sons, liquors and drugs.....	489 35
Dec. 31	200	W. E. Goodman, gas fixtures.....	112 00
Dec. 31	201	Stark Bros., oilcloth.....	4 50
Dec. 31	202	T. A. Chapman, dry goods.....	15 00
Dec. 31	203	J. F. Bassler, repairing roof.....	47 15
Dec. 31	204	John Wiley & Son, books.....	1 60
Dec. 31	205	E. H. Sargent, surgical appliances.....	1 25
Dec. 31	206	Geo. Mayer, repairing organ.....	12 35
Dec. 31	207	Fernandez & Glaze, printing.....	11 50
Dec. 31	208	John Kingle, labor.....	53 50
Dec. 31	209	W. D. Morehouse, M. D., visiting physician.....	4 05
Dec. 31	210	Moses Warren, books.....	6 00
Dec. 31	211	W. M. Walker, postage stamps.....	12 08
Dec. 31	212	Am. Exp. Co., expressage.....	15 40
Dec. 31	213	C. & N. W. R. R., freight.....	90 44
Dec. 31	214	Sundry persons, petty cash.....	4 04
1879.			
Jan. 1	215	W. F. Keener, book.....	6 00
Jan. 6	216	F. Pratt, woodenware.....	14 00
Jan. 8	217	Chas. Sumner, beef.....	461 10
Jan. 8	218	Jas. E. Kennedy, fruit.....	52 28
Jan. 8	219	Johnson and Oshier, eggs.....	20 15
Jan. 8	220	E. R. Squibb, M. D., drugs.....	350 70
Jan. 8	221	J. Bauman, drugs.....	159 53
Jan. 8	222	H. Bosworth & Sons, wine.....	187 25
Jan. 8	223	W. E. Goodman, locks.....	17 00
Jan. 8	224	H. Friend & Bros. clothing.....	81 00

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1879.			
Jan. 8	225	Rowland & Marble, brooms.....	\$38 00
Jan. 8	226	D. Mierswa, blacksmithing.....	90 27
Jan. 8	227	D. M. Schoonover, blacksmithing.....	66 00
Jan. 8	228	N. W. Telegraph Co., telegrams.....	2 74
Jan. 8	229	W. T. Keener, book.....	2 50
Jan. 8	230	Wm. Wood & Co., sub. to periodical.....	5 00
Jan. 8	231	E. D. Davis, canned fruit.....	5 15
Jan. 8	232	J. W. Lord, beef.....	22 00
Jan. 9	233	W. T. Casgrain, services.....	18 25
Jan. 9	234	T. D. Grimmer, trustee expenses.....	27 50
Jan. 9	235	W. P. Rounds, trustee expenses.....	7 50
Jan. 9	236	N. A. Gray, expenses and salary as Secretary.....	93 35
Jan. 11	237	J. M. Brunswick & Balke, billiard balls.....	12 25
Jan. 11	238	John Wiley & Son, subscription to journals.....	19 00
Jan. 11	239	J. M. Davis, oysters.....	2 50
Jan. 11	240	C. J. Russell, flour.....	2 00
Jan. 11	241	Milwaukee Sentinel, subscription to daily.....	2 75
Jan. 11	242	The Tribune Co., subscription to daily.....	6 00
Jan. 11	243	W. H. Jenkyns, butter and eggs.....	19 60
Jan. 11	244	S. Ehrmann, repairs on billiard table.....	5 00
Jan. 13	245	W. Colvin, salt.....	26 80
Jan. 13	246	W. M. Sanderson, straw.....	26 72
Jan. 13	247	G. Mueller, M. D., visiting physician.....	6 40
Jan. 13	248	E. Stilson, butter.....	15 12
Jan. 16	249	Western News Co., books.....	3 27
Jan. 16	260	A. L. Williston, ink.....	22 50
Jan. 16	251	T. F. Wright, elopers.....	7 97
Jan. 18	252	D. McCurdy, services.....	25 00
Jan. 18	253	W. Kempster, traveling expenses.....	45 25
Jan. 21	254	E. Howard & Co., record dials.....	5 00
Jan. 23	255	John Nugent, beef.....	127 50
Jan. 23	256	D. H. Forbes, hats.....	10 80
Jan. 23	257	B. J. Musser, crackers.....	28 72
Jan. 23	258	A. Meilikee, gravel.....	34 65
Jan. 25	259	M. Davis, expenses home.....	20 00
Jan. 27	260	W. Spikes & Co., coffin.....	8 00
Jan. 27	261	P. Christenson, labor.....	19 50
Jan. 19	262	Sundry persons, pay roll for December.....	2,429 26
Jan. 29	263	John Lalley, beef.....	309 72
Jan. 29	264	Roundy, Peckham & Co., syrup.....	23 10
Jan. 29	265	Foote Bros. & Co., flour.....	308 13
Jan. 29	266	Gilbert Stewart, flour.....	119 00
Jan. 29	267	D. T. Davis, butter and eggs.....	83 04
Jan. 29	268	Kreuger & Lehrkind, butter and eggs.....	48 30
Jan. 29	269	Johnson & Oshien, eggs.....	33 00
Jan. 29	270	Sprague, Warner & Co., groceries.....	882 53
Jan. 29	271	Ricker, McCullough & Dixon, S. soda and soap.....	1,049 22
Jan. 29	272	W. E. Goodman, gas fixtures.....	25 00
Jan. 29	273	Oliver Bond, screens.....	75 06
Jan. 29	274	Hoffman, Billings & Co., pipe, etc.....	58 75
Jan. 29	275	Goodyear Rubber Co., weather strips.....	75 30
Jan. 29	276	O. L. Packard, machinery.....	479 48
Jan. 29	277	Jansen, McClurg & Co., books.....	52 50
Jan. 29	278	H. Bosworth & Sons, drugs.....	57 00
Jan. 29	279	N. H. Edgerton, fixtures.....	123 25
Jan. 29	280	Clements & Stevens, feed.....	72 00
Jan. 29	281	J. S. Jewell, subscription to periodicals.....	5 00
Jan. 29	282	P. Tennesson, straw.....	7 31

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1879.			
Jan. 29	283	L. Valentine, oysters.....	\$33 95
Jan. 29	284	J. Standenraus, stabling horse.....	6 90
Jan. 29	285	W. M. Walker, stamps.....	17 12
Jan. 29	286	American Express Co., expressage.....	11 75
Jan. 29	287	Chicago & Northwestern Railway, freight.....	59 27
Jan. 29	288	Sundry persons, petty cash.....	4 75
Feb. 3	289	Northwestern Telegraph Co., telegrams.....	9 42
Feb. 7	290	Henry Abel, amusements.....	25 00
Feb. 8	291	Fernandez & Glaze, printing.....	14 00
Feb. 13	292	G. Wiederman, beef.....	334 60
Feb. 13	293	G. Baumann, beef.....	155 75
Feb. 13	294	John Nugent, flour.....	85 00
Feb. 13	295	Johnson & Son, eggs.....	44 10
Feb. 13	296	C. J. Russel, flour.....	7 75
Feb. 13	297	Matthews Bros. & Co., chairs.....	84 00
Feb. 13	298	Gardner & Co., furniture.....	417 58
Feb. 13	299	C. M. Bell, repairs on furniture.....	18 50
Feb. 13	300	J. M. Maris & Co., fixtures.....	13 66
Feb. 13	301	Bachelder & Fischer, stone ware.....	35 15
Feb. 13	302	H. Bo-worth & Sons, drugs.....	6 00
Feb. 13	303	Jansen, McClurg & Co., books.....	16 05
Feb. 13	304	Hoffman, Billings & Co., pipe and fixtures.....	17 98
Feb. 13	305	Yale Lock Manufacturing Co., locks.....	19 44
Feb. 13	306	G. F. Stroud, paints and oils.....	50 20
Feb. 13	307	J. F. W. Decker, crockery.....	90 40
Feb. 13	308	D. H. Hine, oysters.....	19 30
Feb. 13	309	J. R. Thomson, patients' expenses home.....	5 00
Feb. 13	310	J. A. Davis, patients' expenses home.....	3 00
Feb. 13	311	J. E. Austin, eggs.....	29 52
Feb. 13	312	G. W. Athearn, bus fare.....	2 00
Feb. 14	313	A. N. Bell, subscription to Sanitarian.....	3 00
Feb. 18	314	G. A. Badger, butter.....	7 56
Feb. 18	315	I. Miles, fruit.....	4 27
Feb. 20	316	J. Dalton, butter.....	33 50
Feb. 20	317	Lankton & Clark, butter.....	3 80
Feb. 25	318	Matt. Neis, beef.....	296 23
Feb. 25	319	G. F. Theily, beef.....	105 00
Feb. 25	320	A. Walker, butter.....	320 94
Feb. 25	321	J. B. Olcott, butter.....	65 85
Feb. 25	322	J. R. Miller, butter.....	84 82
Feb. 25	323	W. Wakeman, sausage.....	47 76
Feb. 25	324	Gilbert Stewart, flour.....	221 75
Feb. 25	325	Roundy, Peckham & Co., groceries.....	952 07
Feb. 25	326	Bramhall Dean & Co., firebrick and castings.....	51 70
Feb. 25	327	R. P. Elmore, coal.....	600 00
Feb. 25	328	N. Thibeault, chopping wood.....	75 00
Feb. 25	329	R. & J. Beck, fixtures.....	5 00
Feb. 25	330	Pott, Young & Co., books.....	2 00
Feb. 25	331	E. D. Wickwire, butter.....	28 00
Feb. 26	332	James W. Queen, fixtures.....	4 65
Feb. 28	333	E. R. Pelton, subscriptions to magazines.....	10 00
Feb. 28	334	S. S. Bowers, M. D., visiting committee.....	1 30
Feb. 28	335	W. M. Walker, stamps.....	12 00
Feb. 28	336	American Express Co., expressage.....	12 20
Feb. 28	337	Chicago & Northwestern Railway, freight.....	79 91
Feb. 28	338	Sundry persons, petty cash.....	7 33
Mar. 1	339	Northwestern Telegraph Co., telegrams.....	5 89

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1879.			
Mch. 3	340	Sundry persons, pay roll for January	\$2,569 26
Mch. 3	341	Heisenger Bros., fruit	13 10
Mch. 3	342	Pott, Young & Co., books	10 55
Mch. 3	343	Reynolds & Reynolds, stationery	12 00
Mch. 7	344	A. T. Wilson, services	20 00
Mch. 7	345	Am. Ex. Co., expressage	13 10
Mch. 14	346	P. Henderson, seeds	7 50
Mch. 14	347	B. Wild & Co., crackers	5 64
Mch. 18	348	Chas. Sumner, beef	573 00
Mch. 18	349	Matt. Neis, beef	292 45
Mch. 18	350	R. Barnett, beef	46 87
Mch. 18	351	W. M. Homan, butter	42 19
Mch. 18	352	Clemous & Bemis, butter	54 97
Mch. 18	353	Johnson & Son, eggs	34 80
Mch. 18	354	T. A. Chapman & Co., blankets	273 53
Mch. 18	355	Ricker, McCullough & Dixon, soda	38 55
Mch. 18	356	Fernandez & Glaze, printing	53 00
Mch. 18	357	W. E. Goodman, sinks	33 65
Mch. 18	358	R. Haney & Co., hardware	21 15
Mch. 18	359	H. Friend & Bro., clothing	96 75
Mch. 18	360	Rudd & Holden, repairs on vehicles	33 25
Mch. 18	361	Clements & Stevens, feed	67 80
Mch. 18	362	J. J. H. Gregory, seeds	48 80
Mch. 18	363	G. Youngmaker, chopping wood	161 25
Mch. 18	364	A. Faust, chopping wood	245 62
Mch. 18	365	John Gie t, chopping wood	149 81
Mch. 18	366	A. Gilboe, chopping wood	46 31
Mch. 18	367	Battle Creek Mach. Co., machinery	29 00
Mch. 18	368	Buckstaff Bro. & Coase, lumber	102 51
Mch. 18	369	J. M. C. Martin & Son, brushes	85 67
Mch. 18	370	Webster & Lawson, lumber	3 41
Mch. 18	371	Jansen, McClurg & Co., book	6 38
Mch. 20	372	G. F. & L. M. Eastman, stationery	3 00
Mch. 20	373	Miller & Bronson, grass seed	22 12
Mch. 20	374	J. Gillingham, wheelbarrow	4 50
Mch. 25	375	Sundry persons, pay roll	2,596 33
Mch. 25	376	Sundry persons, pay roll, officers	1,950 00
Mch. 25	377	Roundy, Peckham & Co., coffee	117 03
Mch. 25	378	C. J. nuss-ll, canned fruit	147 05
Mch. 25	379	Foote Bros. & Co., flour	227 95
Mch. 25	380	H. Bosworth & Sons, liquors	460 96
Mch. 25	381	Field, Leiter & Co., twine and tufts	18 37
Mch. 35	382	T. A. Chapman & Co., dry goods	92 32
Mch. 25	383	Milwaukee Cement Co., cement	25 00
Mch. 25	384	W. Spikes & Co., coffins	17 00
Mch. 25	385	Hopson & Shepard, medicine cups	9 25
Mch. 25	386	W. T. Keener, book	2 50
Mch. 28	387	E. C. Pollard, patients' expenses home	8 73
Mch. 29	388	Branch, Cooke & Co., tools	1 50
Mch. 29	389	Perfection Window Cleaner Co., window cleaner	2 81
Mch. 31	390	P. B. Wilson, hardware	2 00
Mch. 31	391	Lankton & Clarke, butter	14 04
Mch. 31	392	W. M. Walker, postage stamps and envelopes	77 45
Mch. 31	393	Am. Exp. C., expressage	10 25
Mch. 31	394	C. & N. W. R. R., freight	57 04
Mch. 31	395	Sundry persons, petty cash	7 20
Apr. 1	396	J. H. McNeel, M. D., visiting physician	2 00
Apr. 2	397	Alphonzo King, entertainment	15 00
Apr. 2	398	N. W. Tel. Co., telegrams	12 02

Steward's Account.

1879.			
Apr. 5	399	F. Smith, butter.....	\$71 54
Apr. 7	400	Math. Neis, beef.....	591 45
Apr. 7	401	J. Hoernig, beef.....	257 50
Apr. 7	402	D. E. Williams, butter and eggs.....	76 36
Apr. 7	403	J. Dalton, butter and eggs.....	52 27
Apr. 7	404	E. D. Davis, canned fruit.....	97 69
Apr. 7	405	Johnson & Sons, butter and eggs.....	79 99
Apr. 7	406	Gilbert Stewart, flour.....	159 37
Apr. 7	407	Smith & Chandler, groceries.....	119 86
Apr. 7	408	T. A. Chapman, dry goods.....	193 18
Apr. 7	409	Atkins, Ogdan & Co., shoes and slips.....	195 40
Apr. 7	410	J. M. Rollins & Co., shoes and slips.....	141 75
Apr. 7	411	Edward R. Squbb, drugs.....	278 99
Apr. 7	412	G. F. Stroud, paints and oils.....	110 00
Apr. 7	413	S. M. Hay & Bros., tin and hardware.....	336 85
Apr. 7	414	Batchelder & Fisher, flower pots.....	36 85
Apr. 7	415	J. A. Davis, returning elopers.....	1 15
Apr. 11	416	J. E. Austin, butter.....	21 56
Apr. 11	417	P. Rupp, trustee expenses.....	13 87
Apr. 11	418	N. A. Gray, trustee exp. and salary as secretary..	83 10
Apr. 11	419	B. Wild & Co., crackers.....	4 54
Apr. 12	420	L. Anderson, exp. home.....	10 00
Apr. 12	421	T. D. Grimmer, trustee expenses.....	8 50
Apr. 16	422	J. E. Williamson, services, mason.....	85 00
Apr. 16	423	Moses Warren, book.....	6 00
Apr. 22	424	C. & N. W. R. R., car fare home for patient.....	8 50
Apr. 26	425	C. Foster, beef.....	513 14
Apr. 26	426	G. Baumann, beef.....	130 00
Apr. 26	427	W. Wakeman, lard.....	56 48
Apr. 26	428	A. E. Bishop, butter.....	56 18
Apr. 26	429	Clemons & Bemis, butter and eggs.....	181 58
Apr. 26	430	F. L. Newell, butter and eggs.....	118 87
Apr. 26	431	Johnson & Sons, butter and eggs.....	27 81
Apr. 26	432	Footo Bro. & Co., flour.....	191 50
Apr. 26	433	Roundy, Peckham & Co., groceries.....	812 66
Apr. 26	434	Sprague, Warner & Co., groceries.....	545 40
Apr. 26	435	C. J. Russell, canned fruit.....	96 70
Apr. 26	436	T. H. Chapman & Co., dry goods.....	175 79
Apr. 26	437	Ricker, McCullough & Dixon, soap.....	64 21
Apr. 26	438	J. Bauman, drugs.....	79 95
Apr. 26	439	Jansen, McClurg & Co., books.....	46 33
Apr. 26	440	Hoffman, Billings & Co., pipe and fixtures.....	50 54
Apr. 26	441	Daniel Mierswa, blacksmithing.....	40 40
Apr. 26	442	R. and J. Beck, apparatus.....	75 50
Apr. 26	443	Matthews Bro. & Co., furniture.....	112 75
Apr. 26	444	D Adler, clothing.....	490 21
Apr. 26	445	Menasha W. W. Co., pails.....	9 30
Apr. 26	446	R. T. Farmington, shoes.....	1 50
Apr. 26	447	Mary E. Hughes, M. D., visiting physician.....	5 10
Apr. 30	448	Sundry persons, pay roll for March.....	2,676 38
Apr. 30	449	A. Anderson, exp. home.....	10 00
Apr. 30	450	R. Brand, lumber.....	3 00
Apr. 30	451	A. Schoan, fresh fish.....	21 64
Apr. 30	452	A. E. Bishop, butter.....	83 20
Apr. 30	453	E. Thayer, eggs.....	3 00
Apr. 30	454	N. W. Tel. Co., telegrams.....	5 50
Apr. 30	455	W. M. Walker, postage stamps.....	7 00
Apr. 30	456	Am. Exp. Co., expressage.....	14 50

Steward's Account.

1879.			
Apr. 30	457	Chi. & N. W. R'y, freight.....	\$101 66
Apr. 30	458	Sundry persons, petty cash.....	10 01
May 1	459	Bell Telephone Co., lease of telephones.....	50 00
May 1	460	Chas. Sumner, beef.....	331 25
May 6	461	John Lalley, beef.....	356 50
May 6	462	W. Wakeman, Jr., lard.....	72 66
May 6	463	C. C. Walker, butter.....	25 00
May 6	464	F. L. Newell, butter.....	38 25
May 6	465	Clemons & Bemis, butter and eggs.....	112 66
May 6	466	C J. Russell, fruit.....	20 98
May 6	467	Hoffman & Billings, pipe and fittings.....	158 16
May 6	468	Goodyear Rubber Co., fire apparatus.....	557 53
May 6	469	Clement & Stevens, feed.....	96 00
May 6	470	Rev. W. Cochrane, services as chaplain.....	85 00
May 6	471	Stark Bros., dry goods.....	110 73
May 6	472	A. Eisenoah, sand.....	126 40
May 6	473	S. Neff, hauling sand.....	237 00
May 6	474	B. J. Musser, crackers.....	8 92
May 6	475	Brainard Bros., plants.....	6 05
May 10	376	G. E. Cameron, poultry.....	7 26
May 10	477	A. Faust, chopping wood.....	61 68
May 12	478	Buskirk & Britton, dried apples.....	22 18
May 12	479	J. M. Davis, grass seed.....	4 45
May 15	480	A. Schoan, fresh fish.....	32 48
May 15	481	D. Forbes, hats.....	17 75
May 22	482	S. L. Whitney, beef.....	384 75
May 22	783	C. Heath, beef.....	234 45
May 22	484	Foote Bros. & Co., flour.....	332 80
May 22	485	J. E. Kennedy, groceries.....	46 59
May 22	486	C. J. Russell, fruit.....	62 91
May 22	487	Stark Bros., dry goods.....	18 00
May 22	488	Carswell & Hughes, dry goods.....	155 31
May 22	489	W. Hill & Co., dry goods.....	510 23
May 22	590	Atkins, Ogden & Co., slippers.....	62 40
May 22	481	B. E. Haatvedt, books.....	42 00
May 22	492	John Saul, plants.....	44 40
May 22	493	Clement & Stevens, feed.....	108 00
May 22	494	H. Bosworth & Sons, drugs.....	54 96
May 22	495	G. Stroud, glass.....	506 25
May 22	496	Sundry persons, pay roll for April.....	2, 652 85
May 27	497	R. Searles, butter and eggs.....	40 29
May 28	478	B. Wild & Co., crackers.....	4 88
May 31	499	W. Colvin, freight.....	2 05
May 31	500	Math. Neis, beef.....	252 90
May 31	501	W. M. Walker, postage stamps.....	6 00
May 31	502	Am. Exp. Co., expressage.....	21 80
May 31	503	C. & N. W. R'y, freight.....	526 09
May 31	504	Sundry persons, petty cash.....	5 10
Jun. 2	505	F. T. Thompson, services.....	18 00
Jun. 2	506	W. Gibson, butter.....	18 07
Jun. 2	507	J. S. Cox, seeds.....	20 37
Jun. 2	308	N. W. Tel. Co., telegrams.....	5 99
Jun. 5	509	A. Schoan, fish.....	31 28
Jun. 5	510	Clements & Stevens, feed.....	108 00
Jun. 6	511	E. Stilson, butter.....	63 39
Jun. 6	512	E. A. Potter, eggs.....	2 60
Jun. 6	513	C. Coslett, retuning eloper.....	3 00
Jun. 7	514	J. Hohler, butter and eggs.....	53 78
Jun. 9	516	R. Paige & Co., butter.....	30 70

Steward's Account.

1879.			
June 9	516	R. Haney, tools	\$6 30
June 9	517	Ira M. Davis, seeds	12 10
June 12	518	Alfred Chapple, stone	17 70
June 12	519	Henry Bair, beef	56 70
June 13	520	G. B. Adams, vinegar	42 56
June 13	521	B. Wild & Co., crackers	5 22
June 16	522	W. Colvin, salt	9 20
June 16	523	C. Costlett, returning eloper.	4 00
June 19	524	Math. Neis, beef	450 90
June 19	525	M. B. Green, beef and butter	94 51
June 19	536	C. Williams, butter	10 65
June 19	527	Fred Smith, butter	71 51
June 19	528	R. J. Hughes, butter and eggs	83 82
June 19	529	D. E. Williams, butter and eggs	192 98
June 19	530	A. Walker, butter	209 97
June 19	531	Roundy, Peckham & Co., groceries	403 73
June 19	532	C. J. Russell, fruit	92 75
June 19	533	E. H. Sargent, drugs	19 50
June 19	534	Edward R. Squibb, M. D., medicines	349 49
June 19	535	R. & J. Beck, fixtures	50 75
June 19	536	Carnegie Bros. & Co., iron beams,	17 31
June 19	537	Battle Creek Machine Co., machinery	15 50
June 19	538	L. Dimpsey, repairs on roof	9 00
June 19	539	Cook & Hyde, cut stone	283 00
June 19	540	Hoffman, Billings & Co., iron posts	194 76
June 19	541	Goodyear Rubber Co., hose	72 80
June 19	542	A. E. Foote, hose	51 75
June 19	543	Mathews Bros. & Co., furniture	335 50
June 19	544	Stark Bros., dry goods	319 57
June 19	545	J. F. W. Decker, crockery	197 47
June 21	546	W. Decker, dental work for patients	27 00
June 21	547	W. Spikes & Co., coffin	15 00
June 21	548	A. Scoar, fresh fish	6 60
June 26	549	H. N. Hempsted, books	7 20
June 26	550	Sundry persons, pay roll for May	2,712 43
June 30	551	Sundry persons, office pay roll	2,050 00
June 30	552	Rhodes & Co., coal	5,085 00
June 30	553	F. Hurlbut, handling coal	593 25
June 30	554	A. Faust, handling coal	151 56
June 30	555	Henry Sherry, lumber	1,992 71
June 30	556	J. Ross, beef	470 03
June 30	557	W. Sill, beef	159 44
June 30	558	Roundy, Rockham & Co., tea	201 15
June 30	559	Foote Bros. & Co., flour	182 50
June 30	560	W. Wakeman, Jr., lard	64 75
June 30	561	J. Bauman & Co., Drugs	21 15
June 30	562	H. Bosworth & Sons, drugs	41 01
June 30	563	Beals, Torry & Co., slippers	47 50
June 30	564	Wisconsin Sock Factory, socks	62 50
June 30	565	Pott, Young & Co., books	84 15
June 30	566	Jansen, McClurg & Co., books	20 93
June 30	567	A. E. Foote, spray nozzles	228 00
June 30	568	Ricker, McCullough & Dixon, soda	41 60
June 30	569	I. Rogers, brooms	79 25
June 30	570	G. F. Stroud, paints and oils	245 31
June 30	571	C. C. Paige, castings	137 74
June 30	572	Hoffman, Billings & Co., pipe	142 18
June 30	573	Rudd & Holden, repairs on vehicles	137 84
June 30	574	W. Fox, M. D., visiting physician	6 64

Steward's Account.

1879.			
Jun. 30	575	N. W. Telegraph Co., telegrams	\$6 94
Jun. 30	576	J. M. Frank, services, carpenter	46 00
Jun. 30	577	J. E. Williams, services, mason	132 00
Jun. 30	578	A. Faust, services	9 16
Jun. 30	579	W. M. Walker, postage stamps	8 00
Jun. 30	580	American Express Co., expressage	19 55
Jun. 30	581	C. & N. W. R. R. Co., freight	882 36
Jun. 30	582	Sundry persons, petty cash	6 20
July 5	583	I. Lang, expenses home	5 00
July 5	584	Cole's Circus, tickets for patients	1 00
July 6	585	Morgan & Bro., lath	4 38
July 6	586	Allen & Hicks, subscription to papers]	9 00
July 8	587	G. W. Russell, polishing powder	3 75
July 8	588	W. M. Sanderson, straw	24 15
July 8	589	G. W. Blair, fruit	12 96
July 8	590	E. M. Bennett, fruit	30 83
July 10	591	Chas. Sumner, mutton	321 00
July 10	592	A. Kutcher, beef	347 20
July 10	593	Roundy, Peckham & Co., groceries	95 00
July 10	594	L. Valentine, confectionery	24 20
July 10	595	Weed & Gumaer, flour	243 75
July 10	596	Bachelor & Fisher, feed	234 50
July 10	597	H. Friend & Bro's., clothing	84 00
July 10	598	Cook, Brown & Co., brick and lime	991 40
July 10	599	G. F. Eastman, stationery	113 29
July 10	600	Iron Clad Paint Co., paint	12 60
July 10	601	D. M. Schoonover, shoeing horses	59 55
July 10	602	E. Stilson, Butter	31 05
July 10	603	P. Rupp, trustee expenses	37 50
July 10	604	D. W. Maxon, trustee expenses	22 33
July 10	605	N. A. Gray, M. D., trust. exp. and salary as Sec'y..	91 70
July 10	606	J. Scott, horses	400 00
July 10	607	Bassler & Goe, tin roof, etc.	438 91
July 10	608	W. P. Rounds, trustee expenses	50 07
July 10	609	W. Kempster, traveling expenses	201 62
July 11	610	Oshkosh Times, stationery	9 60
July 11	611	Cook, Brown & Co., driving piles	15 00
July 11	612	H. Karow, returning eloper	3 00
July 11	713	Buckstaff Bros. & Chase, lumber	20 78
July 11	614	C. A. Johnson & Co., shoes and slippers	16 80
July 11	615	Lankton & Clark, eggs	4 28
July 15	616	W. T. Keener, books	5 25
July 15	617	Sundry persons, patients' expenses home	9 75
July 15	618	D. Mierswa, iron, etc.	138 26
July 17	619	E. Williams, butter	12 48
July 17	620	Heisenger Bros., fruit	14 95
July 17	621	A. Chapple, stone	4 50
July 19	622	W. H. Hancker, patients' expenses home	2 00
July 19	623	C. C. Walker, mutton	71 78
July 23	624	Math. Neis, poultry	13 46
July 26	625	Foote Bros. & Co., flour	180 50
July 26	626	S. Hoernig, poultry	86 39
July 26	627	D. M. Bennett, potatoes	39 63
July 26	628	Johnson & Son, eggs	17 70
July 26	629	C. A. Russell, fruit and vegetables	84 77
July 26	630	K. M. Hutchinson, nails	77 93
July 26	631	Matthew Bros. & Co., furniture	215 00
July 26	632	Stark Bros., pillows	31 65
July 26	633	N. T. Stickney, slippers	36 00

Steward's Account.

1879.			
July 26	634	Krueger, Lehrkind & Co., clothing.....	\$53 25
July 26	635	Pott, Young & Co., subscrip. to periodicals, books	103 20
July 26	636	Jansen, McClurg & Co., books.....	135 44
July 26	637	West & Co., stationery.....	9 18
July 26	638	H. Bosworth & Sons, drugs.....	357 67
July 26	639	Nat. Tube Works Co., pipe.....	14 90
July 26	640	Milwaukee Cement Co., cement.....	64 75
July 26	641	L. Wolfe, Manufacturing Co., pipe fittings.....	5 63
July 26	642	R. Haney & Co., hardware.....	17 15
July 26	643	Sundry persons, pay roll for June.....	2,710 28
July 26	644	Ball & Goodrich, groceries.....	727 56
July 26	645	R. P. Eighme, beef.....	43 20
July 26	646	Goldsmith & Co., carpet.....	42 67
July 26	647	J. Rogers, brooms.....	24 00
July 26	648	W. Colvin, salt.....	9 80
July 26	649	E. H. Sargent & Co., drugs.....	19 60
July 26	650	C. D. Stanhope, visiting committee.....	6 10
July 31	651	W. M. Walker, postage stamps.....	10 00
July 31	652	American Express Co., expressage.....	11 75
July 31	653	Chicago & North Western Railroad, freight.....	108 57
July 31	654	Sundry persons, petty cash.....	10 69
July 31	655	A. Kellogg, returning eloper.....	4 35
Aug 8	656	N. W. Telegraph Co., telegrams.....	6 60
Aug 8	657	A. Robinson, expenses home.....	20 00
Aug 15	658	E. Williams, eggs.....	3 00
Aug 18	659	R. Searles, butter.....	43 77
Aug 19	660	F. Pratt, cooperage.....	3 50
Aug 19	661	Weed & Gumaer, flour.....	550 00
Aug 27	662	E. Coleman, beef.....	500 65
Aug 27	663	W. C. Rich, beef.....	636 00
Aug 27	664	Charles Sumner, beef.....	502 00
Aug 27	665	D. E. Williams, butter and eggs.....	220 47
Aug 27	666	R. J. Hughes, butter and eggs.....	130 21
Aug 27	667	J. S. Hunter, butter and eggs.....	118 16
Aug 27	668	M. Kelley, butter and eggs.....	10 44
Aug 27	669	J. Dalton, butter and eggs.....	29 54
Aug 27	670	James Hohler, butter and lard.....	41 83
Aug 27	671	W. Wakeman, lard.....	73 65
Aug 27	672	Johnson & Son, eggs.....	6 00
Aug 27	673	G. B. Adams, potatoes.....	12 50
Aug 27	674	E. M. Bennett, potatoes.....	6 80
Aug 27	675	Sprague, Warner & Co., groceries.....	664 65
Aug 27	676	W. Hill & Co., dry goods.....	418 08
Aug 27	677	Rollins & Co., slippers.....	102 06
Aug 27	678	A. B. Bailey, sewing machines.....	70 00
Aug 27	679	J. F. W. Decker, crockery.....	110 16
Aug 27	680	Reed & Carnrick, drugs.....	37 40
Aug 27	681	E. R. Squibb, M. D., drugs.....	264 63
Aug 27	682	Sargent & Co., needles.....	2 80
Aug 27	683	Rand J. Beck, surg. appliances.....	18 10
Aug 27	684	Sharp & Smith, medical appliances.....	8 85
Aug 27	685	Pott, Young & Co., books.....	150 45
Aug 27	686	W. T. Keener, books.....	3 50
Aug 27	687	Cook & Hyde, stone.....	476 00
Aug 27	688	L. Wolf, Manufacturing Co., soap stone tubs.....	378 00
Aug 27	689	G. M. & L. Munger, machinery.....	1,001 25
Aug 27	690	Rassler & Goe., tin work.....	168 15
Aug 27	691	Sundry persons, services.....	350 63

Steward's Account.

1879.			
Aug. 27	692	Foster & Jones, lumber.....	\$11 71
Aug. 27	693	Hoffman, Billings & Co., pipe and shafting.....	122 15
Aug. 27	694	J. Lloyd Haigh, machinery.....	14 35
Aug. 27	965	Jones & Booth, bed bottoms.....	99 75
Aug. 27	696	Sundry persons, pay roll for July.....	2, 736 83
Aug. 27	697	G. J. Hatch, butter.....	107 36
Aug. 27	698	Spellman & Co., stationery.....	24 00
Aug. 27	699	E. Stilson, butter.....	16 25
Aug. 30	700	J. H. Ward, repairing tools.....	8 50
Aug. 30	701	American Express Company, expressage.....	10 10
Aug. 30	702	Chicago & Northwestern Railroad, freight.....	135 54
Aug. 30	763	Sundry persons, petty cash.....	25
Sept. 1	704	D. T. Stewart, livery.....	2 00
Sept. 3	705	G. M. L. Munger, rubber tube.....	2 72
Sept. 3	706	C. M. Robbins, M.D., committee expenses.....	7 10
Sept. 5	707	John Lloyd, butter.....	89 11
Sept. 6	708	M. B. Green, butter.....	25 50
Sept. 6	709	J. Williamson, services mason.....	30 00
Sept. 7	710	C. Ladd & Bro., yoke cattle.....	110 00
Sept. 15	711	E. L. M. Bristol, M.D., committee expenses.....	7 60
Sept. 15	712	A. Sauer, expenses home.....	20 00
Sept. 17	713	C. Fillner, expenses home.....	2 00
Sept. 17	714	Richard Lea, baskets.....	5 40
Sept. 22	715	J. Johnson, butter.....	29 68
Sept. 22	716	A. Kuchen, mutton.....	59 70
Sept. 22	717	Jos. Butler, cash advanced.....	18 43
Sept. 22	718	E. Dealy, potatoes.....	27 04
Sept. 25	719	B. Wild & Co., crackers.....	7 88
Sept. 25	720	North Wisconsin Agl. Asso'n, admission to fair..	11 00
Sept. 25	721	Northwestern Telegraph Co., telegrams.....	5 71
Sept. 26	722	John Lloyd, butter.....	90 60
Sept. 26	723	P. Rupp, trustee expenses.....	20 00
Sept. 26	724	Thos. Wallace, straw.....	11 38
Sept. 29	725	C. Sumner, beef.....	336 40
Sept. 29	726	T. E. Thomas, beef.....	240 80
Sept. 29	727	Fred. Smith, butter.....	78 87
Sept. 19	728	G. J. Hatch, butter.....	147 89
Sept. 29	729	W. Colvin, salt.....	28 40
Sept. 29	730	R. F. Paige & Co., butter.....	58 19
Sept. 29	731	J. W. Laffin & Co., fruit.....	14 08
Sept. 29	732	G. B. Adams, vinegar.....	48 78
Sept. 29	733	Weed & Gumaer, flour.....	481 60
Sept. 29	734	Roundy, Peckham & Co., groceries.....	501 95
Sept. 29	735	Van Schaack, Stevenson & Co., potash.....	27 26
Sept. 29	336	Bramhall, Dean & Co., tin ware.....	17 90
Sept. 29	737	O. S. Flavor starch.....	12 50
Sept. 29	738	Jones Bros. clothing.....	6 00
Sept. 29	739	Beals, Torrey & Co., shoes and slippers.....	244 05
Sept. 29	740	Caldwell & Hodson, slippers.....	217 50
Sept. 29	741	W. T. Keener, books.....	13 75
Sept. 29	741	Oshkosh Times, stationery.....	75 00
Sept. 29	743	W. Spikes & Co., coffins.....	47 87
Sept. 29	744	S. M. Hay, hardware.....	606 03
Sept. 29	745	D. Mierswa, blacksmithing.....	73 93
Sept. 29	746	Gerts, Lombard & Co., paint brushes.....	27 95
Sept. 29	747	G. F. Stroud, paints and oils.....	205 23
Sept. 29	748	Frank Percy & Co., hardware.....	7 19
Sept. 29	749	Hoffman, Billings & Co., pipe and fixtures.....	489 22

Steward's Account.

1879.			
Sept. 29	750	Cook, Brown & Co., brick and lime.....	\$670 47
Sept. 29	751	Webster & Lawson, lumber	73 48
Sept. 29	752	Hadfield & Co., cement	45 00
Sept. 29	753	W. E. Goodman, gas fixtures.....	64 00
Sept. 29	754	C. D. Colson, gas retort	61 50
Sept. 29	755	Patterson Bros., medical appliances.....	2 25
Sept. 29	756	E. R. Squibb, M. D., drugs.....	19 10
Sept. 29	757	C. J. Russell, fruit.....	83 32
Sept. 29	758	H. N. Hempsted, books.....	3 55
Sept. 29	759	I. M. Davis, seed	17 33
Sept. 29	760	J. F. W. Decker, crockery.....	39 06
Sept. 29	761	Sundry persons, services.....	258 75
Sept. 29	762	H. Bosworth & Sons, drugs.....	96 28
Sept. 29	763	Pott, Young & Co., books.....	1 63
Sept. 29	764	Carswell & Hughes, dry goods.....	95 07
Sept. 28	765	Foote Bros. & Co., oats	25 92
Sept. 29	766	Ball Bros., laundry trucks	51 50
Sept. 29	767	J. P. Gould, mouldings and sash	94 66
Sept. 29	768	Goodyear Rubber Co., rubber goods	14 40
Sept. 29	769	N. W. Tel. Co., telegraphing	8 46
Sept. 29	770	W. M. Walker, postage stamps.....	13 55
Sept. 29	771	Am. Exp. Co., expressage.....	7 70
Sept. 29	772	C. & N. W. R. R., freight.....	55 29
Sept. 29	773	Sundry persons, petty cash.....	16 10
		Total.....	\$132,066 82

Summary of Expenditures.

SUMMARY OF EXPENDITURES,

For the Fiscal Year Ending September 30, 1879.

ARTICLE AND QUANTITY.	Average price.	Amount.	Total.
AMUSEMENT AND INSTRUCTION —			
Tickets to fair, etc		\$268 77	
Books		1,054 39	
Newspapers and periodicals		172 95	
			\$1,496 11
CLOTHING —			
Boots	16 pairs ..	\$2 65	\$42 40
Shoes	270 pairs ..	1 38	372 78
Slippers	1,169 pairs ..	84	981 31
Hats and caps	24½ dozen ..		111 50
Flannels	2,697 yards ..	14	280 35
Shirting	1,737 yards ..	10	187 95
Calicos	5,276 yards ..	11	591 92
Collars, ties, etc.			14 85
Hose and socks	140 dozen ..	1 51	211 84
Mittens	16 dozen ..	6 36	101 80
Marking ink			22 50
Buttons, thread, etc.			360 45
Suits	244		
Coats	63		
Shawls	3		
Pants	106 pairs ..		
Overalls and jackets ..	13½ dozen ..		
Underclothing	6½ dozen ..		
		2,413 55	
		50 27	
			5,743 47
DRUGS AND MEDICAL SUPPLIES —			
Drugs		\$2,181 29	
Whiskey	141 gallons	4 50	635 20
Wine	136 gallons	4 00	544 75
Surgical and medical appliances			275 01
Gin	10 gallons	4 67	46 75
			3,683 00
FARM AND GARDEN —			
Cows	9		
Horses	2		
Pig	1		
Oxen	2		
Feed	93 tons	13 63	1,268 11
Blacksmithing			125 55
Vehicles and repairs			657 67
Repairs, harnesses			14 52
Tools and repairs			350 10
Fertilizers			13 14
Seeds			159 35
Plants			78 55
			\$1,085 00
		1,268 11	
		125 55	
		657 67	
		14 52	
		350 10	
		13 14	
		159 35	
		78 55	
			3,751 99

Summary of Expenditures.

ARTICLES AND QUANTITY.	Average price.	Amount.	Total.
FUEL AND LIGHTS —			
Coal, hard 96 tons.	\$6 25	} \$7,744 99	
soft 1,695 "	4 21		
Chopping wood 986 cds.	75		739 67
Oil for lights			53 88
Matches, tapers, etc		32 11	
			\$8,570 65
FURNISHING AND GENERAL HOUSEHOLD SUPPLIES.			
Mattresses		\$1,010 13	
Curtains		72 08	
Cotton 7,346 yds.	06	508 46	
Table linen 315 yds.		258 24	
Blankets 12		120 00	
Straw for beds 31 tons.	3 87	120 02	
Sheeting 3,670 yds.	15	575 97	
Towelling 2,298 yds.		393 45	
Ticking 1,909		302 13	
Carpeting		711 07	
Bed spreads 165		156 00	
Furniture		2,125 85	
Oil cloth		25 29	
Tinware		120 02	
Woodenware		66 76	
Hardware		86 26	
Crockery and glassware		643 30	
Cutlery and spoons		8 90	
Brooms 78 doz.		141 25	
Mops	1 81	11 00	
Twine		2 64	
Laundry starch 1,769 lbs.		140 03	
Soap, hard 960 lbs.	08	64 21	
Soap, stock 21,076 lbs.	06	410 43	
Brushes 25 doz.		85 67	
Baskets 2 doz.		18 40	
Sal. soda and borax 28,835 lbs.		781 32	
Bath brick, indigo, etc		100 30	
Combs, hair brushes, etc		78 86	
Stationery		351 91	
Printing		67 00	
			9,682 85
Express			168 05
Freight			1,635 37
Telegraphing			137 34
Livery			8 90
Postage			175 76
Traveling expenses			267 29
Trustee expenses			625 07
Visiting committee expenses			53 40
Petty cash			81 69
Patient's exp. home, for burial, and eloper			296 03
Laboratory			274 91
Tobacco 421 lbs.			154 43

Summary of Expenditures.

ARTICLES AND QUANTITY.	Average Price.	Amount.	Total.
ADDITIONS, REPAIRS AND IMPROVEMENTS.			
Repairs and additions.....		\$4,511 29	
Improvements road and farm.....		489 93	
Sand..... 399 yds	\$1 15	458 85	
Brick..... 377½ M	5 00	1,889 48	
Lime and cement..... 997 bbl		618 32	
Stone.....		1,013 26	
Paint and oil.....		735 79	
Glass.....		551 70	
Pipe and fixtures.....		1,361 58	
Lumber.....		2,384 07	
Gas works and fixtures.....		5,284 71	
Tools and machinery.....		1,790 13	
Fire apparatus.....		896 45	
			\$21,985 56
SALARIES AND WAGES —			
Officers' pay rolls.....		\$7,900 00	
Employees' pay rolls.....		30,999 94	
Labor.....		364 65	
			39,264 59
PROVISIONS —			
Salt..... 57 bbl	\$1 41	\$80 75	
Baking powder, cream tartar and soda.....		64 76	
Cinnamon..... 4½ pds	23	1 06	
Cloves..... 8 pds	44	3 54	
Corn starch..... 320 pds	07	24 00	
Extracts.....		57 34	
Ginger..... 75 pds	18	13 95	
Mustard..... 172 pds	33	57 20	
Nutmegs..... 3 pds	90	2 70	
Pepper..... 99 pds	20	20 20	
Chocolate, cocoanut, etc.....		57 28	
Tapioca and sago.....		7 93	
Small groceries.....		10 30	
Tea..... 2,309 pds	41	961 00	
Coffee..... 9,171 pds	16	1,511 45	
Sugar..... 27,718 pds	8½	2,389 44	
Syrup..... 701 gal	45	316 53	
Molasses..... 197½ gal	34	67 80	
Vinegar..... 959 gal	16	158 36	
Vegetables.....		92 37	
Beans..... 81 bus	1 65	133 65	
Potatoes..... 1,496 bus	43	650 03	
Apples..... 224 bbl	1 81	406 15	
Apples, dried..... 4,258 pds	05	232 91	
Cranberries..... 5 bbl	5 50	27 50	
Currants, dried..... 272 pds		12 97	
Lemons and oranges..... 328 doz	34	122 10	
Prunes..... 6,629 pds	06	447 24	
Grapes.....		91 51	
Peaches.....		47 73	
Peaches, dried..... 3,877 pds	04	179 32	
Raisins..... 28 b'xs	2 36	66 10	

Summary of Expenditures.

ARTICLES AND QUANTITY.		Average Price.	Amount.	Total.
<i>Provisions — continued.</i>				
Strawberries.....	1,249 qts..	09	\$116 98	.....
Black and raspberries..	59 qts..		6 23	.....
Canned fruit			426 20	.....
Confectionery			65 17	.....
Miscellaneous fruit.....			102 49	.....
Butter.....	37,736 lbs..	15 ⁵ / ₁₀	5,670 84	.....
Cheese	140 lbs..	09	13 28	.....
Eggs.....	5,039 doz.	13	662 18	.....
Flour	896 bbl.	4 50	4,024 22	.....
Flour, Graham and pat.	36 ¹ / ₂ bbl.		223 54	.....
Crackers	1,329 lbs..	05	67 25	.....
Corn meal.....	900 lbs..	01 ⁴ / ₁₀	15 25	.....
Hominy.....	16 bbl.	3 06	49 65	.....
Rice	4,517 lbs..	07	331 44	.....
Oat meal	21 bbl.	5 06	106 40	.....
Cracked peas.....	963 lbs..	03	29 39	.....
Pearl barley.....	850 lbs..	03	28 02	.....
Sweet potatoes.....	3 bbl.	3 30	9 90	.....
Poultry	2,941 lbs..	09	284 14	.....
Ham and Sausage	1,585 lbs..	08	132 19	.....
Beef, dried.....	327 lbs..	16	54 45	.....
Beef, on foot	312,920 lbs..	03 ⁸ / ₁₀	11,981 31	.....
Mutton	13,962 lbs..	04	457 48	.....
Lard.....	6,187 lbs..	07	440 56	.....
Fresh fish.....	2,310 lbs..	04	94 10	.....
Cod fish.....	4,130 lbs..	04	188 53	.....
Halibut	45 lbs..	09	4 45	.....
Oysters	171 qts..	36	61 60	.....
Can fish			39 75	.....
Venison	52 lbs..	16	8 25	\$34,010 31
Total				\$132,066 82

Fractions are not inserted.

Products of the Farm and Garden—Farming Utensils, etc.

PRODUCTS OF THE FARM AND GARDEN.

2938 bushels of beets.	65 bushels onions, green.
98 bushels beets, green.	415 bushels onions, dry.
112 bushels beans, green.	2303 bushels oats.
18 bushels beans, Lima.	1200 bushels parsley.
1520 bushels corn in ear.	190 bushels parsnips.
420 bushels corn, sweet, green.	350 bushels potatoes.
210 tons corn sowed.	225 bushels peas, green.
34 tons cornstalks.	22,608 lbs. pork, slaughtered.
2313 bushels carrots.	10,280 lbs. beef, slaughtered.
198 bushels cucumbers.	15 dozens peppers.
2000 head cabbage, early.	92 bushels rhubarb.
4300 head cabbage, late.	260 bushels squash, summer.
2500 head celery.	11 $\frac{7}{10}$ tons squash, winter.
3 dozen egg plants.	15 bushels salsify.
150 dozen eggs.	35 tons straw.
115 tons hay.	520 bunches sage.
215 bushels lettuce.	355 bushels tomatoes.
106,634 quarts milk.	350 bunches thyme.

INVENTORY OF FARMING UTENSILS, ETC.

No.	Name of Article.	No.	Name of Article.
5	Axes.	3	Wheelbarrows.
1	Mower.	1	Ox cart.
1	Reaper.	3	Ox yokes.
6	Bush hooks.	3	Ox chains.
4	Cultivators.	1	Omnibus.
1	Cart and harness.	7	Plows.
1	Cutter.	12	Pickaxes.
12	Corn hooks.	2	Horse rakes.
1	Coal wheelbarrow.	18	Hand rakes.
2	Carriages (double).	12	Garden rakes.
1	Carriage (single).	2	Horse powers.
2	Feed cutters.	12	Shovels.
20	Forks.	10	Spades.
4	Harrows.	3	Lumber sleighs.
36	Hoes.	3	Sleighs.
6	Harnesses (double).	6	Scythes and snaths.
2	Harnesses (single).	2	Scrapers.
3	Iron bars.	5	Wagons (lumber).
	Ice tools.	2	Wagons (market).
1	Seeder.	1	Hay fork.
2	Hay cars and ropes.		

Inventory of Stock — Matron's Report.

INVENTORY OF STOCK.

Cows.....	54
Calves.....	13
Bulls.....	2
Oxen.....	2
Hogs.....	83
Pigs.....	168
Horses.....	11
Chickens and other fowl.....	113

MATRON'S REPORT.

Articles made in the sewing room in addition to mending:

Aprons.....	600	Napkins.....	60
Bedspreads.....	160	Nightdresses.....	165
Bedticks.....	253	Overalls, pairs.....	25
Bureauspreads.....	121	Pillow cases.....	997
Caps.....	19	Pillow ticks.....	43
Capes.....	2	Polonaise.....	3
Chemise.....	352	Sacques.....	71
Collars.....	10	Sheets.....	1,071
Cuffs, pairs.....	8	Shirts.....	367
Curtains.....	276	Skirts.....	274
Carriage covers.....	2	Socks, pairs.....	8
Drawers, pairs.....	518	Strong waists.....	21
Dresses.....	547	Straight suits.....	5
Handkerchiefs.....	204	Sun bonnets.....	37
Holders.....	186	Table cloths.....	88
Horse blankets.....	19	Towels.....	1,637
Hose, pairs.....	19	Underwaists.....	49
Jackets.....	36	Wrappers.....	441

Secretary's Report.

SECRETARY'S REPORT.

HOSPITAL BUILDING, *Winnebago*, Oct. 15, 1879.

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN:—The Secretary herewith respectfully presents his annual report for the year ending September 30, 1879:

RECEIPTS.

Balance on hand October 1, 1878.....	\$39,882 55
Received from State Treasurer.....	117,463 08
Received from Hospital Steward.....	3,954 27
	\$161,299 85
	\$161,299 85

DISBURSEMENTS.

As per Secretary's orders:	
From No. 1 to 60, inclusive.....	\$132,452 62
	\$28,847 23
	\$28,847 23

Appended is a list of the orders drawn by the Secretary, giving number of the order, date, in whose favor drawn, for what, and the amount.

N. A. GRAY,
Secretary.

List of Secretary's Orders.

LIST OF SECRETARY'S ORDERS.

Date.	No.	To whom payable.	Individ'l claims.	Total amount.
1878.				
Oct. 7	1	Pay roll for August, 1878.....		\$2,448 71
Oct. 7	2	Officers' pay roll to October 1, 1878.....		1,950 00
Oct. 9	3	Joseph Butler.....		1,000 00
Oct. 16	4	Bills 12 to 34, inclusive, as follows.....		2,487 01
		Math. Neis.....	\$229 25	
		G. Weideman.....	206 85	
		F. Hoering.....	45 57	
		G. B. Adams.....	139 93	
		Kreuger, Lehrkind & Co.....	166 37	
		W. Wakeman, Jr.....	73 68	
		W. B. Felker.....	12 50	
		Ira M. Davis & Co.....	12 90	
		J. M. Dewey.....	368 16	
		Weed & Gumaer.....	265 00	
		Foote Bro. & Co.....	214 70	
		Sprague, Warner & Co.....	14 22	
		N. T. Stickney.....	36 50	
		Wis. Sock Factory.....	32 50	
		H. S. Manville.....	21 82	
		A. Eisenook.....	33 20	
		S. Neff.....	62 25	
		Hoffman, Billings & Co.....	40 73	
		E. Howard & Co.....	60 50	
		E. P. Allis & Co.....	231 23	
		Neenah Elevator.....	36 15	
		McLean & Haas.....	175 00	
		Bachelor & Fisher.....	8 00	
Oct. 16	5	Joseph Butler.....		1,000 00
Oct. 30	6	Pay roll for September, 1875.....		2,451 44
Oct. 30	7	Bills 48 to 59, as follows.....		3,280 43
		Chas. Sumner.....	431 97	
		J. M. Dewey.....	133 65	
		E. Williams.....	92 65	
		Roundy, Peckham & Co.....	238 30	
		Field, Leiter & Co.....	1,395 00	
		J. H. Gautier & Co.....	362 90	
		E. P. Allis & Co.....	12 94	
		George F. Stroud.....	47 35	
		A. S. Chubbuck.....	414 00	
		R. Haney & Co.....	33 57	
		Bachelor & Fisher.....	90 00	
		John Saul.....	28 10	
Nov. 1	8	Joseph Butler.....		1,000 00
Nov. 13	9	Bills 83 to 109, inclusive, as follows.....		4,285 56
		Jansen, McClurg & Co.....	367 82	
		Charles Sumner.....	106 75	
		W. Sill.....	34 85	
		W. C. Dickerson.....	107 87	
		J. Ross.....	225 91	
		F. Smith & Co.....	159 14	
		Krueger, Lehrkind & Co.....	170 46	
		J. Lloyd.....	40 16	

List of Secretary's Orders.

Date.	No.	To whom payable.	Individ'l claims.	Total amount.
1878.				
Nov. 13	9	Chas. J. Russell	\$107 17	.....
		Sprague, Warner & Co	330 63	.....
		Foote Bro. & Co	122 77	.....
		J. M. Rollins & Co	150 73	.....
		Caswell & Hughes	275 70	.....
		Baeder, Adamson & Co.....	840 84	.....
		Feld, Leiter & Co	264 00	.....
		Smith & Proctor	130 58	.....
		Clement & Stevens.....	80 62	.....
		Rudd & Holden	9 65	.....
		E. S. Bristol & Co.....	12 60	.....
		J. Bauman & Co	214 67	.....
		E. H. Sargent & Co.....	64 50	.....
		C. D. Colson	12 50	.....
		Cook & Hyde	119 28	.....
		W. E. Goodman	64 20	.....
		Hoffman, Billings & Co	184 70	.....
		L. Dimpsey	24 16	.....
		Geo. C. Morgan	60 25	.....
Nov. 13	10	Joseph Butler.....		\$1,000 00
Nov. 23	11	Bills 115 to 123, as follows		1,948 25
		Brown & Lloyd.....	343 22	.....
		J. Lalley	401 95	.....
		Ira M. Davis & Co	350 00	.....
		W. B. Kingsbury & Co	136 96	.....
		Sprague, Warner & Co	289 06	.....
		Baeder, Adamson & Co.....	150 92	.....
		Jas. P. Gould	60 18	.....
		H. Sherry.....	165 00	.....
		E. H. Sargent & Co	50 96	.....
Nov. 28	12	Pay roll for Oct., 1878 (127).....		2,539 04
Nov. 28	13	Kerr, Murray bill 128.....		4,045 99
Nov. 28	14	Bills 129 to 134 inc., as follows		781 49
		Kreuger, Lehrkind & Co	154 90	.....
		R. Barnet.....	112 00	.....
		Foote Bros & Co.....	199 63	.....
		Mann, Beals & Co... ..	102 20	.....
		Hoffman, Billings & Co	136 76	.....
		P. Christenson	26 00	.....
Dec. 11	15	Bills 150 to 166 inc., as follows		2,281 14
		Geo Cameron	133 00	.....
		E. Dealy	17 28	.....
		M. B. Green.....	43 14	.....
		E. Williams	105 39	.....
		W. C. Dickerson	56 52	.....
		W. Wakeman, Jr.....	77 84	.....
		E. D. Davis.....	150 80	.....
		G. B. Adams	11 45	.....
		Thos. Wallace.....	24 19	.....
		Sharp & Smith	75 00	.....
		E. H. Sargent & Co.....	27 40	.....
		Jansen, McClurg & Co	60 31	.....
		Am. J. of Insanity.....	10 00	.....

List of Secretary's Orders.

Date.	No.	To whom payable.	Individual claims.	Total amount.
1878.				
Dec. 11	15	W. E. Goodman.....	\$6 00	.....
		Cook, Brown & Co.....	1,158 82	.....
		J. M. Brunswick & Balke Co.....	24 00	.....
		Matthews Bros. & Co.....	300 00	.....
Dec. 11	16	Joseph Butler, Steward.....		\$1,000 00
Dec. 25	17	Bill 177 to 191 inclusive, as follows.....		3,571 61
		Ball & Goodrich.....	384 42	.....
		Roundy, Peckham & Co.....	268 21	.....
		Chas. J. Russell.....	79 20	.....
		F. Smith.....	85 80	.....
		Lankton & Clark.....	18 60	.....
		J. F. W. Decker.....	196 82	.....
		Yale Lock Manuf'g Co.....	74 92	.....
		Geo. F. Stroud.....	136 78	.....
		Hoffman, Billings & Co.....	81 21	.....
		Field, Leiter & Co.....	96 76	.....
		Wm. Hill & Co.....	460 86	.....
		H. Friend & Bro.....	1,491 50	.....
		Straw, Ellsworth & Brandt.....	102 75	.....
		H. L. Eisen & Co.....	82 00	.....
		Mann, Beals & Co.....	42 10	.....
Dec. 30	18	Bill 192 (piano).....		475 00
Dec. 31	19	Officers' pay roll to Jan'y 1, '79.....		1,950 00
Dec. 31	20	Bills 197 to 203 inclusive, as follows.....		1,325 89
		Math. Neis.....	332 45	.....
		Foote Bros. & Co.....	325 44	.....
		H. Bosworth & Sons.....	489 35	.....
		W. E. Goodman.....	112 00	.....
		Stark Brothers.....	4 50	.....
		T. A. Chapman & Co.....	15 00	.....
		J. T. Bassler.....	47 15	.....
Dec. 31 1879.	21	Pay roll for Nov., 1878.....		2,477 13
Jan. 8	22	Bills 217 to 227 inclusive, as follows.....		1,523 28
		Chas. Sumner.....	461 10	.....
		Jas. E. Kennedy.....	52 28	.....
		Johnson & Oshier.....	20 15	.....
		Edward R. Squibb.....	350 70	.....
		J. Bauman & Co.....	159 53	.....
		H. Bosworth & Son.....	187 25	.....
		W. E. Goodman.....	17 00	.....
		H. Friend & Bros.....	81 00	.....
		Rowland & Marble.....	38 00	.....
		Daniel Mierswa.....	90 27	.....
		D. M. Schoonover.....	66 00	.....
Jan. 9	23	Joseph Butler.....		1,000 00
Jan. 29	24	Pay roll, Dec., 1878.....		2,429 26
Jan. 29	25	Bills No. 263 to 280 inclusive.....		3,873 35
		John Lalley.....	309 72	.....
		Roundy, Peckham & Co.....	23 10	.....
		Foote Bro. & Co.....	308 13	.....
		Gilbert Stewart.....	119 00	.....
		D. S. Davis.....	83 04	.....
		Kreuger, Lehrkind & Co.....	48 30	.....

List of Secretary's Orders.

Date.	No.	To whom payable.	Individual claims.	Total amount.
1879.		Johnson & Oshier.....	\$33 00	.....
		Sprague, Warner & Co	882 53	.....
		Ricker, McCullough & Dixon.....	1,049 22	.....
		W. E. Goodman	25 00	.....
		Oliver Bond	75 06	.....
		Hoffman, Billings & Co	58 72	.....
		Goodyear Rubber Co	75 30	.....
		O. L. Packard	479 48	.....
		Jansen, McClurg & Co	52 50	.....
		H. Bosworth & Sons.....	57 00	.....
		N. H. Edgerton	122 25	.....
		Clement & Stevens	72 00	.....
Feb. 13	26	Bills 292 to 307, inclusive, as follows.....		\$1,396 22
		G. Wiedeman	337 60	.....
		G. Baumann	155 75	.....
		John Nugent.....	85 00	.....
		Johnson & Son.....	44 10	.....
		Chas. J. Russell.....	7 75	.....
		Matthews Bros. & Co.....	84 00	.....
		Gardner & Co.....	417 58	.....
		C. M. Bell	18 50	.....
		John M. Maris & Co	13 66	.....
		Bachelder & Fisher.....	35 15	.....
		H. Bosworth & Son.....	6 00	.....
		Jansen, McClurg & Co.....	16 05	.....
		Hoffman, Billings & Co	17 98	.....
		Yale Lock Manufacturing Co.....	19 44	.....
		Geo. F. Stroud	50 20	.....
		J. F. W. Decker.....	90 46	.....
Feb. 13	27	Joseph Butler.....		1,000 00
Feb. 25	28	Bills 318 to 328, inclusive, as follows		2,821 12
		Math. Neis.....	296 23	.....
		Geo. H. Theby	105 00	.....
		A. Walker	320 94	.....
		J. B. Olcott	65 85	.....
		John R. Miller.....	84 82	.....
		W. Wakeman, Jr.....	47 76	.....
		G. Stewart	221 75	.....
		Roundy, Peckham & Co.....	952 07	.....
		Bramhall, Deane & Co.....	51 70	.....
		R. P. Elmore & Co.....	600 00	.....
		N. Thiebeault.....	75 00	.....
Mar. 3	29	Pay roll for Jan., 1879		2,569 26
Mar. 18	30	Bills 348 to 369, inclusive, as follows		2,530 43
		Chas. Sumner.....	573 00	.....
		Math. Neis.....	292 45	.....
		R. Barnett	46 87	.....
		W. M. Hinman	42 19	.....
		Clemont & Bemis	54 97	.....
		Johnson & Son	34 80	.....
		T. A. Chapman & Co.....	273 53	.....
		Ricker, McCullough & Dixon.....	38 05	.....
		Fernandez & Glaze.....	53 00	.....

List of Secretary's Orders.

Date.	No.	To whom payable.	Individual claims.	Total amount.
1879.		W. E. Goodman.....	\$33 65	.....
		R. Haney & Co.....	21 15	.....
		H. Friend & Bro.....	96 75	.....
		Rudd & Holden.....	33 25	.....
		Clement & Stevens.....	67 80	.....
		Jas. J. H. Gregory.....	48 80	.....
		G. Youngmaker.....	161 25	.....
		A. Faust.....	245 62	.....
		John Gielt.....	149 81	.....
		A. Gilboe.....	46 31	.....
		Battle Creek Mach. Co.....	29 00	.....
		Buckstaff Bros. & Chase.....	102 51	.....
		J. McMartin & Son.....	85 67	.....
Mch 25	31	Pay roll for February, 1879.....		\$2,596 33
Mch 25	32	Officers pay roll for quarter ending April 1, 1879.....		1,950 00
Mch 25	33	Bills 377 to 383 inclusive, as follows.....		1,088 68
		Roundy, Peckham & Co.....	117 03	.....
		Chas. J. Russell.....	147 05	.....
		Footo Bro. Co.....	227 95	.....
		H. Bosworth & Sons.....	460 96	.....
		Field, Leiter & Co.....	18 37	.....
		T. A. Chapman & Co.....	92 32	.....
		Mil. Cement Co.....	25 00	.....
Apr. 7	34	Bills 400 to 414 inclusive, as follows.....		2,727 51
		Math. Neis.....	591 45	.....
		J. Hoering.....	257 50	.....
		D. E. Williams.....	76 36	.....
		J. Dalton.....	52 27	.....
		E. E. Davis & Co.....	97 69	.....
		Johnson & Sons.....	79 99	.....
		G. Stewart.....	159 37	.....
		Smith & Chandler.....	119 86	.....
		T. A. Chapman & Co.....	193 18	.....
		Atkins, Ogden & Co.....	195 40	.....
		J. M. Rollins & Co.....	141 75	.....
		Edward R. Squibb, M. D.....	278 99	.....
		Geo. F. Stroud.....	110 00	.....
		S. M. Hay & Bro.....	336 85	.....
		Bachelor & Fisher.....	36 85	.....
Apr. 26	35	Bills 425 to 444 inclusive, as follows.....		3,866 00.
		C. Foster.....	513 14	.....
		G. Baumann.....	130 00	.....
		W. Wakeman.....	56 48	.....
		A. E. Bishop.....	56 18	.....
		Clements & Bemis.....	181 58	.....
		F. L. Newell.....	118 87	.....
		Johnson & Son.....	27 81	.....
		Footo Bro. & Co.....	191 50	.....
		Roundy, Peckham & Co.....	812 66	.....
		Sprague, Warner & Co.....	545 40	.....
		Chas. J. Russell.....	96 70	.....
		T. A. Chapman & Co.....	175 79	.....
		Ricker, McCullough & Co.....	64 21	.....

List of Secretary's Orders.

Date.	No.	To whom payable.	Individual claims.	Total amount.
1879.				
Apr. 16		J. Baumann & Co.....	\$79 95	.....
		Jansen, McClurg & Co.....	46 33	.....
		Hoffman, Billings & Co.....	50 54	.....
		Daniel Mierswa.....	40 40	.....
		R. & J. Beck.....	75 50	.....
		Mathews Bros. & Co.....	112 75	.....
		D. Adler & Sons.....	490 21	.....
Apr. 26	36	Joseph Butler, Steward.....		\$1,000 00
Apr. 30	57	Pay roll for March, 1879.....		2,676 38
May 6	38	Bills 460 to 469, inclusive, as follows.....		1,768 99
		Chas. Sumner.....	331 25	.....
		John Lally.....	356 50	.....
		W. W. Keman, Jr.....	72 66	.....
		C. C. Walker.....	25 00	.....
		F. L. Newell.....	38 25	.....
		Clements & Bemis.....	112 66	.....
		Chas. J. Russell.....	20 98	.....
		Hoffman, Billings & Co.....	158 16	.....
		Goodyear Rubber Co.....	557 53	.....
		Clement & Stevens.....	96 00	.....
May 6	39	Bills 471 to 473, inclusive, as follows.....		474 13
		Stark Brothers.....	110 73	.....
		A. Ersenoak.....	126 40	.....
		Sam. N. ff.....	237 00	.....
May 22	40	Bills 482 to 495, inclusive, as follows.....		2,563 10
		S. L. Whitney.....	384 75	.....
		E. Heath.....	234 45	.....
		Foote Bros. & Co.....	332 80	.....
		James E. Kennedy.....	46 59	.....
		Chas. J. Russell.....	62 91	.....
		Stark Bros.....	18 00	.....
		Caswell & Hughes.....	155 31	.....
		Wm. Hill & Co.....	510 28	.....
		Atkins, Ogden & Co.....	62 40	.....
		B. E. Haatvedt.....	42 00	.....
		John Saul.....	44 40	.....
		Clement & Stevens.....	108 00	.....
		H. Bosworth & Sons.....	54 96	.....
		Geo. F. Stroud.....	506 25	.....
May 22	41	Pay roll for April, 1870.....		2,652 85
Jun. 19	42	Bills 524 to 545, inclusive, as follows.....		3,527 02
		Math. Neis.....	450 90	.....
		M. B. Green.....	94 51	.....
		E. Williams.....	10 65	.....
		Fred. Smith.....	71 51	.....
		R. J. Hughes.....	83 82	.....
		D. E. Williams.....	192 98	.....
		A. Walker.....	209 97	.....
		Rundy, Peckham & Co.....	403 73	.....
		Chas. J. Russell.....	92 55	.....
		E. H. Sargent & Co.....	19 50	.....
		Edward R. Squibb.....	349 49	.....
		R & J. Beck.....	50 75	.....
		Carmeyer Bros. & Co.....	17 31	.....

List of Secretary's Orders.

Date.		To whom payable.	Individual claims.	Total Amount.
1879.		Battle Creek Machine Co.	\$15 50	.....
		L. Dimpsey	9 00	.....
		Cook & Hyde	283 00	.....
		Hoffman, Billings & Co.	194 76	.....
		Goodyear Rubber Co.	72 80	.....
		A. E. Foote	51 75	.....
		Matthews Bros. & Co.	335 50	.....
		Stark Bros.	319 57	.....
		J. F. W. Decker.	197 47	.....
Jun. 19	43	Joseph Butler, Steward.		\$1,000 00
Jun. 30	44	Pay roll for May, 1879.		2,712 43
Jun. 30	45	Officers' pay roll for quarter ending June 30, 1879.		2,050 00
Jun. 30	46	Bills 552 to 554 inc., as follows.		5,829 81
		Rhodes & Co	5,085 00	.....
		T. Hurlbut	593 25	.....
		Adam Faust	151 56	.....
Jun. 30	47	Henry Sherry (Bill No. 555)		1,982 71
Jun. 30	48	Bills 556 to 573 inc., as follows		2,367 03
		J. Ross.	470 03	.....
		W. Sill.	159 44	.....
		Roundy, Peckham & Co.	201 15	.....
		Foote Bros. & Co.	182 50	.....
		Wm. Wakeman, Jr.	64 75	.....
		J. Baumann & Co.	21 15	.....
		H. Bosworth.	41 01	.....
		Beals, Torrey & Co.	47 50	.....
		Wis. Sock Factory	62 50	.....
		Pott, Young & Co.	84 15	.....
		Jansen, McClurg & Co.	20 93	.....
		A. E. Foote.	228 00	.....
		Ricker, McCullough & Dixon.	41 60	.....
		J. Rogers	79 25	.....
		Geo. F. Stroud	245 31	.....
		C. C. Paige	137 74	.....
		Hoffman, Billings & Co	142 18	.....
		Rudd & Helden	137 84	.....
Jun. 30	49	Joseph Butler.		1,000 00
July 10	50	Bill 591 to 601 inc., as follows		2,527 32
		Chas. Sumner.	321 00	.....
		A. Kutcher.	347 20	.....
		Roundy, Peckham & Co	95 83	.....
		L. Valentine.	24 20	.....
		Weed & Gumaer	243 75	.....
		Bachelor & Fisher	234 50	.....
		H. Friend & Bro.	84 00	.....
		Cook, Brown & Co.	991 40	.....
		G. F. Eastman	113 29	.....
		The Iron Clad Paint Co	12 60	.....
		D. M. Schoonover	59 55	.....
July 10	51	Joseph Butler		1,000 00
July 11	52	Scott Horses.		400 00
July 11	53	Bassler & Goe.		438 91
July 26	54	Bills 625 to 642 inc., as follows.		1,530 74
		Foote Bros. & Co	180 50	.....

List of Secretary's Orders.

Date.	No.	To whom payable.	Individual claims.	Total Amount.
1879.				
July 26		J. Hoernig	\$86 30	.....
		D. M. Bennett	39 63	.....
		Johnson & Sons	17 70	.....
		Chas. J. Russell	84 77	.....
		K. M. Hutchinson	77 93	.....
		Matthew Bros. & Co.	215 00	.....
		Stark Bros.	31 65	.....
		Niles T. Stickney	36 00	.....
		Krueger, Lehrkind & Co.	53 25	.....
		Pott, Young & Co.	103 20	.....
		Jansen, McClurg & Co.	135 44	.....
		West & Company	9 18	.....
		A. Bosworth & Sons	357 67	.....
		National Tube Works Co.	14 90	.....
		Mil. Cement Co.	64 75	.....
		L. Wolf Manufacturing Co.	5 63	.....
		R. Haney & Co.	17 15	.....
July 26	55	Pay roll for June, 1879.		\$2,710 28
July 26	56	Bills 644 to 647, inclusive, as follows.		837 43
		Ball & Goodrich	727 56	.....
		R. P. Eighme.	43 20	.....
		Goldsmith & Co.	42 67	.....
		J. Rogers	24 00	.....
Aug. 27	57	Pay roll for July, 1879.		2,736 83
Aug. 27	58	Joseph Butler		1,000 00
Aug. 27	59	Bill 661 to 695, inclusive, as follows.		7,310 92
		Weed & Gumear	550 00	.....
		E. Coleman	500 65	.....
		W. C. Rock	636 00	.....
		Chas Sumner	502 00	.....
		D. E. Williams	220 47	.....
		R. J. Hughes	130 21	.....
		J. S. Hunter	118 16	.....
		M. Kelley	10 44	.....
		J. Dalton	29 54	.....
		J. s Hohler	41 83	.....
		Wm. Wakeman, Jr.	73 65	.....
		Johnson & Son	6 00	.....
		G. B. Adams	12 50	.....
		E. M. Burnett	6 80	.....
		Sprague, Warner & Co.	664 65	.....
		Wm. Hill & Co.	418 08	.....
		J. M. Rollins & Co.	87 06	.....
		A. P. Bailey	70 00	.....
		J. F. W. Decker	110 16	.....
		Reed & Carnrick	37 40	.....
		Edward R. Squibb, M. D.	264 63	.....
		E. H. Sargent & Co.	2 80	.....
		R. & J. Beck	18 10	.....
		Sharp & Smith	8 85	.....
		Pott, Young & Co.	150 45	.....
		W. S. Keener	3 50	.....
		Cook & Hyde	476 00	.....
		L. Wolf Manufacturing Co.	378 00	.....

List of Secretary's Orders.

Date.	No.	To whom payable.	Individ'l claims.	Total Amount.
1879.		G. M. & L. Munger & Co	\$1,001 25	.....
		Bassler & Goe	168 15	.....
		Sundry persons, services.....	350 63	.....
		Foster & Jones	11 71	.....
		Hoffman, Billings & Co.....	122 15	.....
		J. Lloyd Haigh.....	14 35	.....
		Jones & Booth	99 75	.....
Sept. 29	60	Bills 725 to 768 inclusive, as follows..	.....	\$35,725 61
		Chas. Sumner	366 40	.....
		T. E. Thomas.....	240 80	.....
		Fred. Smith.....	78 87	.....
		G. J. Hatch	147 89	.....
		W. Colvin	28 40	.....
		R. F. Paige & Co.....	58 19	.....
		J. W. Laffie & Co	14 08	.....
		G. B. Adams.....	48 78	.....
		Weed & Gummer	481 60	.....
		Rouady, Peckham & Co.....	501 95	.....
		Van Schich, Stevenson & Co.....	27 26	.....
		Bremhall, Deane & Co	17 90	.....
		Otis S. Ferrer.....	12 50	.....
		James Bro	6 00	.....
		Beals, Torrey & Co.....	244 05	.....
		Caldwell & Hodsdon	217 50	.....
		W. T. Keeler.....	13 75	.....
		Oshkosh Times	75 00	.....
		W. Spikes & Co.....	47 87	.....
		S. M. Hay & Bro.....	606 03	.....
		Daniel Mierswa.....	73 93	.....
		Gerts, Lombard & Co.....	27 05	.....
		Geo F. Stroud.....	205 23	.....
		Frank Percy & Co.....	7 19	.....
		Hoffman, Billings & Co.....	489 22	.....
		Cook, Brown & Co	670 47	.....
		Webster & Lwson	73 48	.....
		Hodfield & Co	45 00	.....
		W. E. Goodman.....	64 00	.....
		Chas. D. Colson.....	61 50	.....
		Patterson Bros	2 25	.....
		Ed. R. Squibb, M. D.....	19 70	.....
		Chas. J. Russell.....	83 32	.....
		H. N. Hempsted.....	3 55	.....
		Ira M. Davis.....	17 33	.....
		J. F. W. Decker.....	39 06	.....
		Sundry persons, farm implements ..	258 75	.....
		H. Bosworth & Sons.....	96 28	.....
		Pot, Young & Co	1 63	.....
		Coswell & Hughes	95 07	.....
		Foote Bros. & Co	25 92	.....
		Ball Bros	52 50	.....
		J. P. Gould	94 66	.....
		Goodyear Rubber Co	14 40	.....
				132,452 62

Treasurer's Report.

TREASURER'S REPORT.

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN:— I have the pleasure herewith to present a statement to you of the transactions of the treasurer with the Hospital, for the year ending September 30, 1879:

Balance on hand October 1, 1878.....	\$39,882 55
Received from state.....	117,463 03
Received from steward.....	3,954 27
Total.....	<u>\$161,299 85</u>

I have paid secretary's orders, Nos. 1 to 60, inclusive,

Amounting in all to.....	\$132,452 62
Balance on hand October 1, 1879.....	28,847 23
Total.....	<u>\$161,299 85</u>

List of orders mentioned above, hereto attached.

Respectfully submitted,

THOS. D. GRIMMER,

Treasurer.

October 1, 1879.

LIST OF VOUCHERS *paid by Thos. D. Grimmer of N. H. I., during the year ending Sept. 30, 1879.*

Date.	No.	To whom paid.	Amount.
1878.			
Oct. 7	1	Pay roll, August, 1878.....	\$2,448 71
Oct. 7	2	Officers' pay roll, quarter ending Sept. 30, 1878 ..	1,950 00
Oct. 9	3	Joseph Butler.....	1,000 00
Oct. 16	4	Bills 12 to 13, inclusive..	2,487 01
Oct. 16	5	Joseph Butler	1,000 00
Oct. 30	6	Pay roll, September, 1878.....	2,451 44
Oct. 30	7	Bills 48 to 59, inclusive.....	3,280 43
Nov. 1	8	Joseph Butler	1,000 00
Nov. 13	9	Bills 83 to 109, inclusive.....	4,285 56
Nov. 13	10	Joseph Butler	1,000 00
Nov. 13	11	Bills 115 to 123, inclusive	1,948 25

List of Vouchers Paid by Thomas D. Grimmer.

Date.	No.	To whom paid.	Amount.
1878.			
Nov. 13	12	Pay roll, October, 1878.....	\$2,539 04
Nov. 13	13	Bill 128, Kerr Murray.....	4,045 99
Nov. 14	14	Bills 129 to 134, inclusive.....	731 49
Dec. 11	15	Bills 150 to 166, inclusive.....	2,281 14
Dec. 11	16	Joseph Butler.....	1,000 00
Dec. 25	17	Bills 177 to 191, inclusive.....	3,571 61
Dec. 30	18	Bill 192.....	475 00
Dec. 31	19	Officers' pay roll.....	1,950 00
Dec. 31	20	Bills 197 to 203, inclusive.....	1,325 89
Dec. 31	21	Pay roll, Nov. 1878.....	2,477 13
1879.			
Jan. 8	22	Bills 217 to 227, inclusive.....	1,523 28
Jan. 9	23	Joseph Butler.....	1,000 00
Jan. 29	24	Pay roll, December, 1878.....	2,429 26
Jan. 29	25	Bills 263 to 280, inclusive.....	3,873 35
Feb. 13	26	Bills 292 to 307, inclusive.....	1,396 22
Feb. 13	27	Joseph Butler.....	1,000 00
Feb. 13	28	Bills 318 to 328, inclusive.....	2,821 12
Mch 3	29	Pay roll, January, 1879.....	2,569 26
Mch 18	30	Bills 348 to 399, inclusive.....	2,530 43
Mch 25	31	Pay roll, February, 1879.....	2,596 33
Mch 25	32	Officers' pay roll to April, 1879.....	1,950 00
Mch 25	33	Bills 376 to 383, inclusive.....	1,088 68
Apr. 7	34	Bills 400 to 414, inclusive.....	2,727 51
Apr. 26	35	Bills 425 to 444, inclusive.....	3,866 00
Apr. 26	36	Joseph Butler.....	1,000 00
Apr. 30	37	Pay roll, March, 1879.....	2,676 38
May 6	38	Bills 460 to 469, inclusive.....	1,768 99
May 6	39	Bills 171 to 172 and 173.....	474 13
May 22	40	Bills 482 to 495, inclusive.....	2,563 10
May 22	41	Pay roll, April, 1879.....	2,652 85
Jun 19	42	Bills 524 to 545, inclusive.....	3,527 03
Jun 19	43	Joseph Butler.....	1,000 00
Jun 30	44	Pay roll, May, 1879.....	2,712 43
Jun 30	45	Officers' pay roll, qr. ending June 30, 1879.....	2,050 00
Jun 30	46	Bills 552 to 554, inclusive.....	5,829 81
Jun 30	47	Henry Sherry, bill 555.....	1,992 71
Jun 30	48	Bills 556 to 573, inclusive.....	2,367 03
Jun 30	49	Joseph Butler.....	1,000 00
July 10	50	Bills 591 to 601, inclusive.....	2,527 32
July 10	51	Joseph Butler.....	1,000 00
July 11	52	Jas. Scott.....	400 00
July 11	53	Bassler & Goe.....	438 91
July 26	54	Bills 625 to 642.....	1,530 74
July 26	45	Pay roll, June, 1879.....	2,710 28
July 26	46	Bills 644 to 647, inclusive.....	837 43
Aug. 27	57	Pay roll, July, 1879.....	2,736 83
Aug. 27	58	Joseph Butler.....	1,000 00
Aug. 27	59	Bills 661 to 695, inclusive.....	7,310 92
Sep. 29	60	Bills 725 to 768, inclusive.....	5,725 61

Report of Auditing Committee.

REPORT OF AUDITING COMMITTEE.

WINNEBAGO, October 15, 1879.

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN:—The Auditing Committee, to which was referred the reports of the Secretary and Treasurer of the Hospital, after having made a careful examination of the books and vouchers of the Treasurer and the financial books of the Secretary and Steward, and the financial transactions of the Executive Committee, ask leave to report that all matters pertaining to the financial management of said Hospital, together with the books and vouchers, are found to be correct.

D. W. MAXON,
PETER RUPP,
Auditing Committee.

Report of the Executive Committee.

REPORT OF THE EXECUTIVE COMMITTEE.

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN: — Your committee would respectfully report that they have, in compliance with law, made their visits of inspection between the several meetings of the Board. They have faithfully scrutinized the financial affairs of the Hospital, have made the monthly estimates, examined the books and vouchers of the Secretary, Treasurer and Steward, and find them correct.

They take pleasure in commending the general management of the Hospital, as well as the economical and satisfactory manner in which the permanent improvements of the past year have been made.

Would respectfully refer you to the Superintendent's annual report for the needed improvements.

PETER RUPP,
W. P. ROUNDS,
Executive Committee.

Report of Building Committee.

REPORT OF BUILDING COMMITTEE.

To the Board of Trustees of the Northern Hospital for Insane:

GENTLEMEN:—The Building Committee respectfully submit the following report:

The gas works have been completed and in successful operation for nearly a year. The supply of gas is now ample and of excellent quality.

The laundry building has been enlarged by extending the walls east 40 feet, and north 46 feet. New machinery for ironing and soap stone tubs for washing have been supplied. The improvements already made have effected great saving in labor and expense, six hands having been dispensed with from the corps of laborers. But we find that the old washing machines are so badly worn that new ones are necessary to do the work economically and well; we therefore recommend that others be put in. With the addition of such new machines, the appointments of the laundry will be complete.

We found the capacity of the old horse barn wholly inadequate to the needs of the stock, and also that more room was needed for storing hay and grain. We have enlarged the barn room by constructing a new building one hundred and eight feet long and forty feet wide. The barn room is now sufficient for present needs.

The new root cellar has been completed, and we are satisfied from experience already had that it is a great improvement over the old one.

The work of laying pipes for supplying the barn with water has been finished, and the result is satisfactory.

We have expended the money appropriated for farm improvement, and have been able to clear about thirty acres of heavily timbered land, inclosed the same with a substantial board fence, and have gathered crops from the land this year. We have made some

Report of Building Committee.

improvements in front of the Hospital, but for want of funds and time they are still unfinished, it having seemed advisable to pay more attention to practical than ornamental improvements. The labor upon the farm has largely been done by patients who were able and willing to work, and it is on account of this fact that we have been able to accomplish so much with the money furnished.

The green-house was begun in pursuance of a recommendation of the Board at the April meeting, and it is now in process of construction.

In view of the recent burning of the Delavan Asylum for Deaf and Dumb, and the fact that there is insufficient outside protection to the Hospital against fire, we indorse the recommendation of the Superintendent, that suitable means be provided for the better security of life and property in case of fire.

Respectfully submitted,

W. P. ROUNDS,
THOS. D. GRIMMER,
Committee.

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PHYSICIANS' REPORTS.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, Wis., *October 24, 1878.*

To the Trustees of the Northern Hospital for the Insane:

Upon invitation of the Hon. W. P. Rounds, I made a visit to the Northern Hospital for the Insane to-day. Under the guidance of Dr. Hancker, together with Mr. Rounds, I made a tour of all the wards of the Hospital. I found everything in perfect order, and was surprised at the cleanliness of the different wards. All the rooms, dining rooms, etc., were examined, and found clean and in good order. I also went to all the water closets, and was surprised to find no bad odors in any of them. There are too many patients occupying the dormitories, for their size. I would suggest that some other provision be made for the chronic insane, as there are a great many in the institution that cannot be benefited, and their removal would make more room for the curable cases. I also visited the kitchen, boiler and engine room, and found everything first-class and in good running order. The patients of the Hospital seemed to be all happy, and under the able corps of physicians are doing well. Was much pleased with my visit.

I remain, yours truly,

F. L. POTTER, M. D.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, Wis., *November 26, 1878.*

I have this day visited the Northern Hospital for the Insane by appointment of, and in company with Hon. W. P. Rounds, trustee. In going through the different wards I was highly gratified to see such cleanliness and general good order. The patients were looking cheerful, and I think a good proportion of them were con-

Physicians' Reports.

valescent. The management of the hospital under Dr. Kempster and his able assistants, so far as my judgment goes, cannot be excelled by any medical corps in this country in the treatment of insanity. They are evidently the right men in the right place. The cleanly and comfortable appearance of the inmates gives ample proof of their kind treatment and the care they receive in this institution. I have one suggestion to make which I think is of vital importance. I find that there are a great many incurable cases of insanity now in the Hospital and confined in jails and county poor houses. The state should certainly make some provision for these cases, and in my opinion should enlarge this Hospital so that they could all be received and cared for by the same medical corps, instead of providing a separate establishment for them.

It is self evident that this course would be much more economical, and would save the state much of the expense of erecting another building for that purpose. As gas works, heating apparatus and all the out-buildings necessary for the larger building are already erected at the asylum, it would be inexcusable extravagance on the part of the state to erect a separate building for that purpose, and I will venture to say that the voice of the people is very much in favor of making such provision for the incurable insane.

If our legislature could one and all visit this institution and see its workings, and witness the benefits conferred upon the mass of suffering humanity there assembled, we are morally certain that in any provision they see fit to make for these incurables, they would be actuated by the desire of continuing them under the control of Dr. Kempster and his assistants, instead of trying the experiment of founding a new and costly institution for that purpose. It is a common error that appears to be firmly rooted in the minds of the community, that incurables can be more cheaply and easily treated and provided for than the curable cases under the charge of the Insane Hospital; but the contrary is the case, as shown by the opinions of all those familiar with the treatment of the insane, owing to the destruction of property by, and the extra care required by this unfortunate class, the incurables.

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If this false argument (economy), which has been so often made use of by the advocates of a separate institution, be shown to be wholly erroneous, it would seem that there could be no obstacle to the providing for these incurables at your asylum, except it might be selfish desire of those who wish to benefit some particular locality by the erection there of a separate institution, that would cost the State unnecessary thousands. Perhaps, in my report, I am exceeding the duties required at my hands, but my desire to alleviate the sufferings of an unfortunate class, must be my excuse in this instance.

D. LA COUNT, M. D.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *December 31, 1878.*

Through the courtesy of Hon. W. P. Rounds and in company with him and Dr. Kempster, the Superintendent, I have made a careful examination of this Hospital and its surroundings and find everything kept in excellent condition. The thorough manner that the Superintendent and his assistants are doing the work allotted them — and particularly in that important and essential branch of medicine, pathology of the brain and nervous system — cannot be too highly commended.

W. D. MOREHOUSE, M. D.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *January 16, 1879.*

Agreeably to an invitation extended to me by the Hon. Peter Rupp, one of the trustees of this Hospital, I visited it this day, accompanied by Mr. Rupp and Dr. Hancker, first assistant.

My observations were of a pleasant character. The unfortunate inmates seem to be comfortably situated, at least to such an extent as it is possible in an institution of this kind. I would make one suggestion, and that is, the Hospital should be enlarged,

Physicians' Reports.

so as to accommodate more cases. This would, of course, give more time to cases which are under the present conditions discharged as incurable, in order to make room for new applicants.

G. A. MUELLER, M. D.

Concurred in.

PETER RUPP, *Committee.*

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *Feb. 27, 1879.*

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN:—Upon the invitation of the Hon. Peter Rupp, a member of your committee, I accompanied him on a visit of inspection to the Northern Hospital for the Insane. We were cordially welcomed by Dr. Kempster, the medical superintendent, and his three assistants, Drs. Hancker, Goe and Thomson, to all of whom I desire to express my grateful acknowledgments for their many gentlemanly courtesies extended. To a visitor, the absence of all hotel accommodations in the vicinity of the Hospital is at once apparent. The accommodation of ordinary visitors, friends and relatives of the many unfortunates in the Hospital, must necessarily impose quite an additional burden upon the officers and employes of the institution, and withal incur a considerable expense upon the state. A brief examination of all the departments of the Hospital developed indisputable evidence of good management. The fact that every part of the immense building was comfortably warm, the day being the coldest in the winter, the thermometer indicating not less than 30 deg. below zero, was to my mind convincing proof that the heating arrangements were perfect.

The entire absence of that characteristic "hospital smell" was evidence of good ventilation and scrupulous cleanliness. Dr. Kempster's proficiency in laboratory work and microscopical manipulations as demonstrated to my complete satisfaction, convinces me that the patients entrusted to his care receive the best and most scientific treatment known to the profession. I deem the hospital a model one of its kind in every particular.

Respectfully yours,

S. S. BOWERS, M. D.

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FOND DU LAC, *March 31, 1879.*

Through the courtesy of the Hon. Peter Rupp, I visited the Northern Hospital for the Insane this day, where I had the pleasure of meeting Dr. Kempster, the superintendent, together with his able corps of assistants. I was shown through the several wards of the hospital by Dr. Kempster and found them in good condition, well ventilated and all hygienic measures strictly conformed to, so far as possible from the state of the patients and the overcrowding of some of the wards. The sleeping apartments, beds, etc., were scrupulously tidy and clean. The culinary department was especially in a good condition. From my short stay I should say, so far as I was able to judge, that the *morale* of the institution was good. I think more room a necessity for the care of the incurable, and think our legislature should be strongly urged to make appropriation therefor.

Yours truly,

[Signed]

J. HENRY McNEEL, M. D.

NORTHERN HOSPITAL FOR THE INSANE,*April 28, 1879.*

The impressions received of this institution during my visit were of so favorable a character that I can express myself in only the most complimentary terms; and these impressions were not the result of a merely superficial survey, but of a very minute inspection.

The defective discipline which is so conspicuous a feature in the majority of western hospitals, had not prepared me for the degree of order and neatness and general comfort which I found prevailing here. In this respect it is inferior to no eastern hospital which I have seen, and I am familiar with some of the best. Neither was I prepared to find accommodations on so extensive a scale and so complete in all sanitary essentials.

The position of Superintendent is most admirably filled by Dr. Kempster, a gentleman of fine culture, whose valuable observations must materially influence conclusions in this department of medicine, and win for him a more than local prominence.

Physicians' Reports.

So much has been accomplished during the short time this Hospital has been in existence, that the remaining needs which occurred to my mind, and had already been suggested, cannot be long in receiving the necessary attention.

To Dr. N. A. Gray and D. W. Maxon, Esq., through whose kindness the opportunity for this visit was afforded me, and for the courtesy shown me while in the institution, I am under many obligations.

Very respectfully,

MARY E. HUGHES, M. D.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *May 3, 1879.*

To the Board of Trustees of the Northern Hospital for the Insane:

I have this day examined the above institution, and its inmates, and think the management is equal to any in the United States.

I would suggest that you recommend bringing water from the lake to supply the Hospital, as your well is liable to give out at any time.

Yours truly,

A. FARR, M. D.

Concurred in.

D. W. MAXON,
Committee.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *June 30, 1879.*

To the Board of Trustees of the Northern Hospital for the Insane:

On the invitation of the Hon. D. W. Maxon, and in company with him, I visited and made the tour of inspection of the Hospital.

We visited the wards, finding everything in the usual neat and excellent order, and the patients well cared for. Our attention was attracted especially by the tidy manner in which the beds were made, and on closer examination found them most perfectly arranged for the comfort of the patient, being supplied with spring

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hair mattresses, clean blankets and comfortable pillows; in fact, perfectly equipped. We noticed among the many improvements that of the enlargement of the laundry and the plans for the new green houses, adding both to the utility and beauty of this great institution. Even in our short visit we could but notice the admirable and wise manner in which the Superintendent controlled and governed the diverse interests and necessities of this large Hospital, making it truly one of noblest charity.

WILLIAM FOX, M. D.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *July 31, 1879.*

By invitation of Dr. N. A. Gray, of Milwaukee, in company with and by the kindness of Dr. Walter Kempster, I have this day carefully examined and inspected all the departments of the Northern Hospital for the Insane, and find it, so far as I am competent to judge, a model institution. Neatness and perfect order prevail everywhere. The supply of water and heat, the ventilation and light, seem to be all that could be asked. It was my privilege to examine at leisure the books and records of the institution, and the manner in which all cases sent to the Hospital for treatment are recorded and the reports made of each and every case daily. The systematic and harmonious working of this department, as well as all others, speaks very highly of the superior qualifications and marked ability of Dr. Kempster to fill with profit to the commonwealth and honor to himself the position which he holds. I have no criticisms to make or suggestions to offer, except it be that provision be made either by adding to or building elsewhere for the accommodation of that class of patients who are incurably insane, thereby relieving the over-crowded condition of the Hospital and helping to mitigate a growing evil.

To Dr. Kempster and his gentlemanly assistant physicians I am under many obligations.

C. D. STANHOPE, M. D.

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NORTHERN HOSPITAL FOR INSANE,

August 24, 1879.

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN:—By the invitation of Dr. N. A. Gray, and accompanied by him and Dr. Kempster, I have this day made a thorough inspection of this institution. The management of the Hospital and everything connected with it is all that can be desired. The only fault to be found with the wards—at this time an unavoidable one—is that some of them are too full. The Hospital has accommodation for five hundred patients, but to-day there are five hundred and sixty-two patients under Dr. Kempster's care. The Mendota Hospital, with room for four hundred, has to-day over five hundred patients under treatment, and applications still continue to come in to both superintendents.

It is estimated that there are over five hundred insane people in Wisconsin to-day, who are unable to get admission to the Hospitals. To meet this trouble, and it is a growing one, it has been suggested that the State buy the Milwaukee County Asylum now in process of erection at Wauwatosa, and enlarging it, make a State Hospital for the Insane of it. It seems to me that the water supply, a single artesian well, is a risky dependence. Artesian wells are notoriously uncertain. What if it should give out suddenly? Suspend payment as it were like a savings bank? This thing has happened abroad. The well at Argenteuille being a notable exception, having now flowed for more than sixty years. But elsewhere in France and in England, wells have suddenly stopped flowing, and should this happen at Winnebago, the Hospital would be stranded. This matter needs your early and serious attention.

Respectfully,

CHAS. W. ROBBINS, M. D.

Physicians' Reports.

NORTHERN HOSPITAL FOR THE INSANE,
WINNEBAGO, WIS., *September 10, 1879.*

To the Board of Trustees of the Northern Hospital for the Insane:

GENTLEMEN: — By the invitation of Dr. N. A. Gray, and in his company and that of Dr. Walter Kempster, I have this day visited and inspected the institution, finding an able superintendent and an efficient corps. I beg leave to report its excellent condition in all respects, and in its minutest details, the cleanliness everywhere visible; the success attending the destruction of gases and excremental effluvia is notably conspicuous. This result speaks well for the management. The abundance of air, light and sunshine in all the wards is another essential and noteworthy fact. I have but one suggestion to offer and that is, the inability to provide for more patients, the necessary crowding of some wards being the result. The enlargement of the asylum is urged.

Respectfully yours,

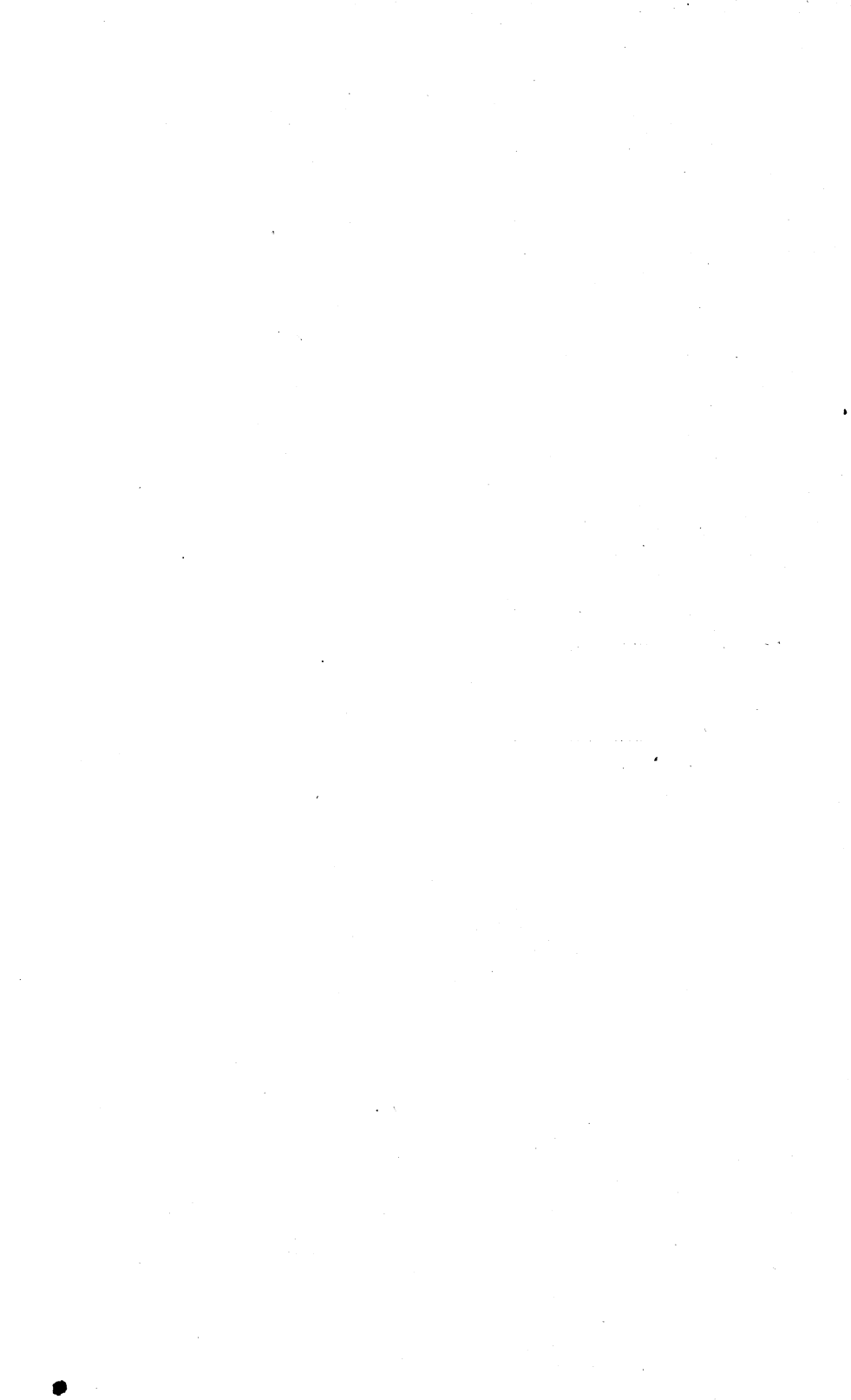
E. L. M. BRISTOL, M. D.



THIRTIETH ANNUAL REPORT
OF THE
BOARD OF TRUSTEES
OF THE
WISCONSIN INSTITUTION
FOR THE
EDUCATION OF THE BLIND
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:
DAVID ATWOOD, STATE PRINTER.
1879.



BOARD OF TRUSTEES.

Term expires April 3, 1880.

B. R. HINCKLEY.*

Terms expire April 3, 1881.

H. S. HOGOBOOM.

W. T. VANKIRK.

Terms expire April 3, 1882.

CYRUS MINER.

E. BOWEN.

OFFICERS OF THE BOARD.

E. BOWEN,

PRESIDENT.

W. T. VANKIRK,

TREASURER.

H. S. HOGOBOOM,

SECRETARY.

*Resigned.

OFFICERS OF THE INSTITUTION.

SUPERINTENDENT,

Mrs. SARAH F. C. LITTLE, A. M.

TEACHERS,

MISS S. A. WATSON, MISS A. I. HOBART,
MISS HELEN F. BLINN.

TEACHERS OF MUSIC,

EDGAR G. SWEET, Mrs. JOANNA H. JONES.

MATRON,

MISS LIZZIE J. CURTIS.

TEACHERS OF HANDICRAFT,

WILLIAM B. HARVEY, MISS M. L. McKIBBEN.

TRUSTEES' REPORT.

His Excellency, WILLIAM E. SMITH,
Governor of the State of Wisconsin :

The trustees of the Wisconsin Institution for the Education of the Blind have the honor to present herewith their thirtieth annual report. We are gratified to be able to report another prosperous year for the institution. We have sought to make the educational work of the institution as efficient as possible, believing that in the successful education of the blind lies the highest part of the work committed to our hands. We have labored therefore to incorporate in the workings of the institution the results of the best thought, and the best methods known in this special but noble educational work, and we believe the institution is reaching from year to year a greater degree of usefulness. The usual number of pupils have received instruction during the past year. In the expenditures of money we have tried to meet all the wants of the institution, remembering that economy in the use of public funds is as much a duty as any other part of our work. The following statement of the receipts and expenditures gives an exhibit of the finances of the institution since our last report.

RECEIPTS — CURRENT FUND.

Balance on hand November 1, 1878.....	\$2,655 83	.....
Received from state treasurer	18,755 00	.....
sales in girls' work department	137 51	.....
clothing furnished pupils	104 97	.....
sale of apparatus and books	26 47	.....
sale of swine	85 74	.....
miscellaneous sources.....	80 76	.....
Total.....	\$21,846 28	.....

EXPENDITURES — CURRENT FUND.

Apparatus and means of instruction	\$539 81
Clothing for pupils	155 47
Farm and barn expenses	889 23
Fuel, coal and wood.....	2,530 39

Trustees' Report.

House furnishing		\$545 99
Laundry and cleanliness.....		284 29
Light, including gas used for ventilation		503 29
Manufacturing departments		128 77
Medical attendance and medicines.....		100 63
Miscellaneous purposes		1,392 07
Permanent improvements.....		258 57
Repairs.....		518 89
Salaries and wages.....		6,420 57
Subsistence:		
Bread, 18,173 lbs.....	\$594 06	
Crackers, 520 lbs.....	31 56	
Flour	131 90	
Meal	15 75	
Rusks and cookies	30 10	
Butter, 3,402 lbs.....	482 63	
Coffee, 443 lbs.....	78 96	
Eggs, 1,007 dozen.....	110 05	
Fruit.....	274 19	
Lard, 627 lbs.....	48 81	
Meats —		
Beef, fresh, 16,162 pounds	\$1,051 66	
Beef, dried, 138 pounds	14 33	
Fish	71 25	
Hams, 896 pounds.....	78 40	
Mutton, 849 pounds	75 56	
Poultry	39 00	
Pork	3 00	
Sausage, 110 pounds	10 00	
Tongues.....	7 50	
Veal, 1,695 pounds	99 33	
Rice	21 87	
Sugar, 5,319 pounds.....	491 89	
Sugar, maple, 339 pounds	42 38	
Syrup and molasses.....	52 88	
Tea, 234 pounds.....	83 18	
Vegetables	271 28	
Vinegar	29 68	
Miscellaneous articles of subsistence	144 67	
Total subsistence		\$4,385 87
Total expenditures, current fund.....		\$18,653 84

Trustees' Report.

ESTIMATES.

The estimates for the expenses of the institution for the coming year are as follows:

Apparatus and means of instruction	\$570 00
Clothing for pupils, not repaid	75 00
Executive expenses.....	- 390 00
Farm and barn expenses.....	610 00
Fuel	2,300 00
House furnishing.....	534 00
Laundry and cleanliness.....	280 00
Light, including gas used in ventilation.....	500 00
Medical attendance and medicines.....	150 00
Miscellaneous	625 00
Manufacturing departments.....	110 00
Repairs	400 00
Salaries and wages.....	6,726 00
Subsistence.....	4,730 00
Total estimated current expense.....	\$18,000 00
Special improvements.....	1,200 00
Total estimates.....	<u>\$19,200 00</u>

During the year some changes have occurred in the officers of the institution, of which fuller mention will be made in the report of the Superintendent, sent you herewith. We wish to say, however, that it caused us much regret to lose the services of Mrs. M. H. Whiting, as matron, and J. S. Van Cleve and Miss M. L. Blinn, as teachers of music, and to testify in this report to the ability and faithfulness with which they performed their work while with us, and wish our "well done" to follow them to their new fields of labor. In the work of filling their places we have been greatly aided by the Superintendent, and are hopeful that the institution has not suffered by the changes.

With the one thousand dollars appropriated last year for permanent improvements, we have had the halls of the institution building frescoed, under the direction of P. M. Almini, of Chicago, at an expense of \$714, adding greatly to the finish of the building. With the balance, we have built a sidewalk over a large part of the distance between the institution and the city, an improvement we think much needed. The institution is greatly in need of a suitable ice house. We have

Trustees' Report.

procured estimates for an ice house of sufficient capacity for the institution, with room for cold storage, and find that it will cost about \$800. We wish to finish the sidewalk between the institution and the city, which, it is estimated, will cost \$200. The roof of the building needs repainting, at an estimated expense of \$200. We have, therefore, included in our estimates the sum of twelve hundred dollars for special improvements.

With the appropriation of last year for current expenses, we have been able to meet fairly all the wants of the institution. Notwithstanding the advance in price of many of the supplies of the institution, we hope to meet the demands of the next year without increasing the appropriation. We respectfully ask, therefore, that the sum of eighteen thousand dollars be appropriated for the current expenses, and the sum of twelve hundred dollars for special improvements for the next year.

The thanks of the Board are again due to the officers of the Chicago and Northwestern, and the Chicago, Milwaukee and St. Paul Railways, for their kindness in passing the pupils free over their roads. We close this report hoping for continued growth and prosperity for the institution, until every blind person in the state shall share in its advantages, and be helped by it to better positions in life.

Very respectfully,

E. BOWEN,

President.

H. S. HOGOBOOM,

Secretary.

JANESVILLE, Nov. 11, 1879.

Treasurer's Report.

To the Board of Trustees of the Wisconsin Institution for the Education of the Blind:

GENTLEMEN: I hand you herewith a statement of my receipts and disbursements as Treasurer, from the date of my last report, to May 2, 1879:

CURRENT EXPENSE ACCOUNT.

1878.	RECEIPTS.		
Nov. 1	Balance on hand.....	\$2,655 83	.....
Nov. 2	Amount from State Treasurer.....	1,420 00	.....
Nov. 25	Secretary.....	5 31	.....
Dec. 4	State Treasurer.....	2,085 00	.....
1879.			
Jan. 4	State Treasurer.....	1,850 00	.....
Jan. 7	Secretary.....	25 00	.....
Feb. 5	State Treasurer.....	1,235 00	.....
Feb. 10	Superintendent.....	198 33	.....
M'ch. 3	State Treasurer.....	1,305 00	.....
M'ch. 4	Building Fund.....	1 70	.....
April 2	State Treasurer.....	1,655 00	.....
May 2	State Treasurer.....	1,710 00	.....
	Total		\$14,146 17
DISBURSEMENTS.			
	Paid orders 111 to 239, inclusive.....	\$9,623 05	.....
	Paid W. T. Vankirk, treasurer.....	4,523 12	.....
			\$14,146 17
1878. BUILDING FUND ACCOUNT.			
Nov. 1	Balance on hand.....	\$1 70	.....
	Total		\$1 70
1879.			
M'ch 4	Transferred to current expense account.....	\$1 70	.....
	Total		\$1 70
HOUSE-FURNISHING ACCOUNT.			
1878. RECEIPTS.			
Nov. 1	Balance on hand.....	\$330 20	.....
	Total		\$330 20
DISBURSEMENTS.			
	Paid orders 5 and 6	\$111 60	.....
	Paid W. T. Vankirk, treasurer.	218 60	.....
	Total.....		\$330 20

Treasurer's Report.

IMPROVEMENT FUND ACCOUNT.

1878.			
Nov. 1	Balance on hand.....	\$34 22	.....
	Total		\$34 22
1879.			
May 1	Paid W. T. Vankirk, Treasurer.....	34 22	.....
	Total.....		34 22

Respectfully submitted,

C. MINER,

*Treasurer.*JANESVILLE, Wis., *May 2*, 1879.

Treasurer's Report.

To the Board of Trustees of the Wisconsin Institution for the Education of the Blind :

GENTLEMEN:—I hand you herewith a statement of my receipts and disbursements as treasurer, from May 2, 1879 to Nov. 1, 1879:

CURRENT EXPENSES.

1879.	RECEIPTS.		
May 1	From Cyrus Miner, Treasurer.. . . .	\$4,523 12	.....
June 1	From State Treasurer	3,440 00	.....
June 1	From Superintendent	75 24	.....
July 1	From State Treasurer	1,110 00	.....
Aug. 1	From State Treasurer	800 00	.....
Sept. 1	From State Treasurer	745 00	.....
Oct. 1	From State Treasurer	1,400 00	.....
Oct. 1	From Superintendent	129 87	.....
	Total.....		\$12,223 23
	DISBURSEMENTS.		
May 1	Paid orders 240 to 365 inclusive.....	9,030 79	.....
	Transferred to house furnishing fund, by order of the Board	46 49	.....
	Cash on hand	3,145 95	.....
	Total.....		\$12,223 23
	HOUSE FURNISHING ACCOUNT.		
	RECEIPTS.		
	From C. Miner, Treasurer.....	218 60	.....
	From current fund.....	46 49	.....
	Total.....		265 09
	DISBURSEMENTS.		
May 1	Paid orders, 7 to 12 inclusive.....	265 09	.....
	Total.....		265 09
	IMPROVEMENT FUND ACCOUNT.		
	RECEIPTS.		
July 1	From C. Miner, Treasurer.....	34 22	.....
	From State Treasurer.. .. .	1,000 00	.....
	Total.....		1,034 22
	DISBURSEMENTS.		
	Paid orders, 27 to 32 inclvsive.....	1,021 27	.....
	Cash on hand.....	12 95	.....
	Total.....		1,034 22

Respectfully yours,
 JANESVILLE, WIS., Nov. 1, 1879.

W. T. VANKIRK,
Treasurer.

Secretary's Report.

SECRETARY'S REPORT.

To the Board of Trustees of the Wisconsin Institution for the Education of the Blind:

GENTLEMEN: I present herewith a detailed statement of the orders drawn on your Treasurer since November 1, 1878.

Orders on the Current Fund numbered from 111 to 365 inclusive.

Orders on the Improvement Fund numbered from 27 to 32 inclusive.

Orders on the House Furnishing Fund numbered from 5 to 12 inclusive.

Current Expense Fund.

CURRENT EXPENSE FUND.

Date.	No.	To whom and for what.	Amount.
1878.			
Nov. 6	111	M. Conant & Co., groceries	\$65 11
Nov. 6	112	James Clark & Co., flour and feed.....	63 65
Nov. 6	113	James Hutson, fish	10 61
Nov. 6	114	C. B. Conrad, groceries	79 88
Nov. 6	115	B. R. Hinckley, expenses as trustee.....	28 80
Nov. 6	116	F. P. Schicker, bread.....	70 95
Nov. 6	117	L. B. Carle, groceries.....	196 04
Nov. 6	118	George Irish, tea	18 70
Nov. 6	119	George Flood, potatoes.....	77 55
Nov. 6	120	Francis Fobes, potatoes	27 97
Nov. 6	121	Chas. Wilbur, apples and cheese	53 75
Nov. 6	122	George Bishop, beef.....	83 58
Nov. 6	123	S. E. Otis, veal.....	21 41
Nov. 6	124	James Whalen, potatoes	62 35
Nov. 6	125	Thomas Haurahan, potatoes	32 50
Nov. 6	126	M. Geisse, carrots	21 68
Nov. 6	127	Francis Fobes, oats.....	51 39
Nov. 6	128	John Zechel, labor.....	27 00
Nov. 6	129	H. C. Stearns, paints	17 62
Nov. 6	130	John Davis, gasoline.....	99 52
Nov. 6	131	Mrs. T. H. Little, map.....	7 00
Nov. 6	132	Janesville post office, stamped envelopes.....	32 90
Nov. 6	133	E. W. Vanderlyn, painting fence	27 60
Nov. 6	134	Mrs. T. H. Little, current expenses	68 51
Nov. 6	135	Mrs. T. H. Little, pay roll, October.....	534 49
Dec. 3	136	H. S. Hogoboom, expenses to Madison	3 85
Dec. 3	137	R. W. King, stationery	7 25
Dec. 3	138	Hackley & Eldredge, drugs.....	7 05
Dec. 3	139	John Zechel, labor.....	25 00
Dec. 3	140	Samuel Griffin, carpenter work	12 15
Dec. 3	141	George Bishop, meat.....	61 55
Dec. 3	142	J. B. Whiting, medical services.....	25 25
Dec. 3	143	W. G. Wheelock, crockery	21 00
Dec. 3	144	James Hutson, fish.....	3 89
Dec. 3	145	G. W. Hersee, tuning pianos.....	3 50
Dec. 3	146	Riker Bros., repairing harness.....	6 60
Dec. 3	147	John Tinker, vinegar.....	6 72
Dec. 3	148	Chas. H. Wingate, making analysis	30 00
Dec. 3	149	George Irish, soap	7 00
Dec. 3	150	M. Conant & Co., groceries	37 18
Dec. 3	151	G. A. Libbey, chimneys and fittings.....	19 76
Dec. 3	152	Mrs. T. H. Little, current expenses.....	111 30
Dec. 3	153	Mrs. T. H. Little, pay roll, November	560 50
1879.			
Jan. 7	154	Hodge & Bucholz, carriage repairs.....	15 00
Jan. 7	155	Lovejoy & Blount, lumber.....	47 06
Jan. 7	156	Union Oil Co., soap stock	50 64
Jan. 7	157	W. Collins, piano and cover	333 50
Jan. 7	158	David Atwood, printing reports.....	16 00
Jan. 7	159	Thos. Hanrahan, cow.....	35 00
Jan. 7	160	John Zechel, labor and veal.....	27 30
Jan. 7	161	A. E. Wilcox, clover hay.....	16 03
Jan. 7	162	C. B. Conrad, groceries.....	93 87

Current Expense Fund.

Date.	No.	To whom and for what.	Amount.
1879.			
Jan. 7	163	George Bishop, beef	\$174 65
Jan. 7	164	Rogers & Hutchinson, oils and paints.....	57 07
Jan. 7	165	N. M. Simonds, range.....	160 00
Jan. 7	166	N. Fredericks, stabling horse	10 00
Jan. 7	167	James M Barnea, statistical atlas.....	18 00
Jan. 7	168	James Hutson, fish and candy	8 97
Jan. 7	169	James Sutherland, stationery.....	20 72
Jan. 7	170	Nash & Lee, groceries.....	37 70
Jan. 7	171	G. W. Hersee, tuning piano, and strings	6 75
Jan. 7	172	John Davis, gasoline.....	98 49
Jan. 7	173	C. A. Hollister, sewing machine.....	32 50
Jan. 7	174	Holmes, Booth & Hayden, spoons and forks	28 50
Jan. 7	175	F. P. Schicker, bread	143 89
Jan. 7	176	Gazette Printing Co., paper and advertising.....	5 00
Jan. 7	177	John Griffith, hardware	70 16
Jan. 7	178	Hodge & Bucholz, carriage	325 00
Jan. 7	179	Lawrence Sennett, butter and eggs.....	28 46
Jan. 7	180	Britton & Kimball, tables	7 00
Jan. 7	181	J. B. Whiting, medical services.....	9 00
Jan. 7	182	Mrs. T. H. Little, current expenses	155 29
Jan. 7	183	Mrs. T. H. Little, pay-roll, December	565 67
Feb. 4	184	Crane Bros. Mfg. Co., pipes and fittings.....	41 81
Feb. 4	185	Moseley Bros., musical goods	8 45
Feb. 4	186	C. B. Conrad, groceries	91 90
Feb. 4	187	Webb & Hall, regulator and repairs	26 00
Feb. 4	188	George Scarcliff, meat	57 63
Feb. 4	189	James Clark & Co., flour and feed.....	45 30
Feb. 4	190	B. R. Hinckley, expenses as trustee.....	21 30
Feb. 4	191	W. G. Wheelock, cutlery.....	2 85
Feb. 4	192	John Davies gasoline.....	51 20
Feb. 4	193	John Schmidley, soap tanks.....	28 00
Feb. 4	194	John Zechel, labor.....	22 50
Feb. 4	195	Janesville P. & P. Co., pickles.....	11 75
Feb. 4	196	George Bishop, beef	106 02
Feb. 4	197	M. Conant & Co., groceries.....	30 50
Feb. 4	198	Mrs. T. H. Little, current expenses	150 21
Feb. 4	199	Mrs. T. H. Little, pay-roll, January.....	557 92
Mar. 4	200	Notbohm Bros., flour	2 50
Mar. 4	201	George W. Irish, tea	20 65
Mar. 4	202	C. B. Conrad, groceries	60 51
Mar. 4	203	G. W. Hersee, tuning pianos.....	8 29
Mar. 4	204	M. Conant & Co., groceries	14 53
Mar. 4	205	F. P. Schicker, bread.....	70 31
Mar. 4	206	James Hutson, fish	9 00
Mar. 4	207	John Zechel, labor.....	23 50
Mar. 4	208	George Bishop, beef	94 51
Mar. 4	209	Carpenter & Gowdy, wood	44 62
Mar. 4	210	John Davies, gasoline.....	41 04
Mar. 4	211	Lawrence Sennett, butter and eggs.....	40 41
Mar. 4	212	L. B. Carle, groceries	100 95
Mar. 4	213	W. H. Tallman, extracts.....	12 00
Mar. 4	214	J. B. Whiting, medical services	7 50
Mar. 4	215	Mrs. T. H. Little, current expenses	44 00
Mar. 4	216	Mrs. T. H. Little, pay-roll, February.....	569 86
April 3	217	Lawrence & Atwood, coal and cement	124 92
April 3	218	John Zechel, labor	26 00

Current Expense Fund.

Date.	No.	To whom and for what.	Amount.
1879.			
April 3	219	F. P. Schicker, bread	\$123 82
April 3	220	George Bishop, beef	82 02
April 3	221	G. M. Hanchett, hardware.....	5 28
April 3	222	Lawrence & Atwood, wood and sundries.....	52 60
April 3	223	Croft & Sherer, drugs and soap stock	83 41
April 3	224	James Hutson, fish	4 70
April 3	225	John Davies, gasoline.....	50 35
April 3	226	C. B. Conrad, groceries	11 83
April 3	227	E. B. Heimstreet, drugs	4 70
April 3	228	C. F. Randall, groceries.....	37 06
April 3	229	Thomas Mad'en, filling ice house	35 00
April 3	230	S. W. Gould, meat.....	12 81
April 3	231	R. T. Finley & Ryan, wood	70 31
April 3	232	G. A. King, carpet loom.....	11 50
April 3	233	Ricker, McCullough & Dixon, soap	20 25
April 3	234	Field, Leiter & Co., dry goods.....	33 57
April 3	235	Am. Asso for Ins. of Blind, reports.....	16 13
April 3	236	R. S. Maloney, wood.....	393 52
April 3	237	E. Bowen, expenses as trustee	27 30
April 3	238	Mrs T. H. Little, current expenses.....	67 86
April 3	239	Mrs. T. H. Little, pay roll, March.....	563 26
May 6	240	Thomas Hanrahan, labor.....	13 77
May 6	241	James Clark & Co., flour and feed	71 60
May 6	242	M. Conant & Co., groceries.....	88 62
May 6	243	B. R. Hinckley, expenses as trustee.....	18 30
May 6	244	H. S. Hogoboom, services as secretary.....	60 00
May 6	245	George Bishop, beef	110 62
May 6	246	August Menchow, labor.....	9 00
May 6	247	Harris Manufacturing Co., iron work.....	16 49
May 6	248	John Davies, gasoline.....	48 10
May 6	249	George Irish, tea	20 65
May 6	250	G. W. Hawes, groceries.....	5 36
May 6	251	James Klaas, labor	4 90
May 6	252	Samuel Griffin, carpenter work.....	15 00
May 6	253	John Zechel, labor.....	22 50
May 6	254	L. B. Carle, groceries	66 31
May 6	255	James Hutson, fish	4 50
May 6	256	G. W. Chittenden, medical consultation.....	10 00
May 6	257	J. B. Whiting, medical services.....	4 50
May 6	258	Mrs. T. H. Little, current expenses	147 17
May 6	259	Mrs. T. H. Little, pay roll, April.....	574 92
June 3	260	Samuel Griffin, carpenter work	29 25
June 3	261	August Menchow, labor.....	24 00
June 3	262	John Zechel, labor.....	16 50
June 3	263	James Klaas, labor.....	18 25
June 3	264	George Bishop, beef	99 12
June 3	265	James Hutson, fish	5 40
June 3	266	Nash & L'e, groceries	19 35
June 3	267	Veeder & Leonard, order book	4 50
June 3	268	George J. Kellogg, trees and shrubs	7 13
June 3	269	W. R. Myers, ham and pork.....	30 50
June 3	270	W. B. Harvey, brooms	12 05
June 3	271	F. P. Schicker, bread	123 40
June 3	272	Lawrence & Atwood, coal.....	1,823 25
June 3	273	H. C. Geisse, beads	49 25
June 3	274	George Sherman, sugar	29 88
June 3	275	Mrs. T. H. Little, current expenses.....	109 70
June 3	276	Mrs. T. H. Little, pay roll, May.....	569 16

Current Expense Fund.

Date.	No.	To whom and for what.	Amount.
July 1	277	C. B. Conrad, groceries	\$20 42
July 1	278	Leonard & Atwood, coal	7 33
July 1	279	N. Griswold, iron work	15 95
July 1	280	Samuel Griffin, carpenter work	21 00
July 1	281	R. B. Hinckley, expenses as trustee	12 20
July 1	282	August Menchow, labor	19 75
July 1	283	H. S. Hogboom, expenses to Chicago	7 45
July 1	284	N. B. Kneass, Jr., books in raised letters	29 60
July 1	285	James Hutson, fish	5 28
July 1	286	W. G. Wheelock, crockery	11 60
July 1	287	James Clark & Co., flour and meal	12 75
July 1	288	Waterbury Brass Co., brass work	15 24
July 1	289	Janesville P. & P. Co., pickles	4 00
July 1	290	John Zechel, labor	23 50
July 1	291	James Clark, horse shoeing	4 30
July 1	292	James Sutherland, stationery	25 43
July 1	293	John Davies, gasoline	52 63
July 1	294	George Bishop, beef	57 22
July 1	295	Mrs. T. H. Little, current expenses	77 88
July 1	296	Mrs. T. H. Little, pay roll, June	584 45
Aug. 5	297	L. B. Carle, groceries	71 88
Aug. 5	298	C. W. Jackman & Co., livery	11 00
Aug. 5	299	B. R. Hinckley, expenses as trustee	6 10
Aug. 5	300	James Madden, teaming	10 03
Aug. 5	301	Samuel Griffin, carpenter work	37 35
Aug. 5	302	W. B. Bains, hay	34 56
Aug. 5	303	James Shearer, mason work	14 98
Aug. 5	304	Gazette Printing Co., printing	15 75
Aug. 5	305	W. G. Wheelock, crockery	9 45
Aug. 5	306	Nash & Lee, groceries	40 88
Aug. 5	307	Lovejoy & Blount, lumber	84 70
Aug. 5	308	Janesville post office, envelopes	32 40
Aug. 5	309	C. B. Conrad, groceries	56 57
Aug. 5	310	E. B. Heimstreet, drugs	10 02
Aug. 5	311	James Clark & Co., flour and feed	4 60
Aug. 5	312	F. S. Eldred & Co., groceries	2 85
Aug. 5	213	Wolf Manuf. Co., plumbing material	30 38
Aug. 5	314	Union Oil Co., soapstock	56 09
Aug. 5	315	John Zechel, labor	23 75
Aug. 5	316	P. Collins, labor	18 80
Aug. 5	317	August Menchow, labor	30 10
Aug. 5	318	Mrs. T. H. Little, current expenses	249 48
Aug. 5	319	Mrs. T. H. Little, pay roll, July	342 42
Sept. 6	320	McKey Bros., dry goods	24 41
Sept. 6	321	C. B. Conrad, groceries	35 30
Sept. 6	322	John Davies, gasoline	55 20
Sept. 6	323	William Saddler, harness	30 00
Sept. 6	324	John Zechel, labor	26 00
Sept. 6	325	Aug. Menchow, labor	25 50
Sept. 6	326	Samuel Griffin, carpenter work	40 50
Sept. 6	327	C. O'Neil, labor	13 50
Sept. 6	328	John Griffith, hardware	90 01
Sept. 6	329	Mrs. T. H. Little, current expenses	26 56
Sept. 6	350	Mrs. T. H. Little, pay roll, August	311 33
Oct. 7	331	Rogers & Hutchinson, paints, glass and labor ..	100 43
Oct. 7	332	McKey Bros., dry goods	13 05

Current Expense Fund.

Date	No.	To whom and for what.	Amount.
1879.			
Oct. 7	333	Smith & Bostwick, dry goods	\$34 14
Oct. 7	334	George Scarcliff, meat	232 52
Oct. 7	335	Lyon & Healy, musical goods.....	16 21
Oct. 7	336	Moseley Bros., musical goods	6 40
Oct. 7	337	James Sutherland, books	30 06
Oct. 7	338	G. W. Hersee, tuning pianos.....	8 00
Oct. 7	339	John Griffith, hardware.....	29 10
Oct. 7	340	L. Wolf Manufacturing Company, plumbing...	16 23
Oct. 7	341	Harris Manufacturing Company, iron work...	3 20
Oct. 7	342	G. A. Libby, fittings.....	11 21
Oct. 7	343	Shopbell & Norris, wood and labor	18 77
Oct. 7	344	Riker Bros., haarness repairs.....	3 60
Oct. 7	345	Bassett, Bliss & Echlin, fly-nets and whips...	3 75
Oct. 7	346	Chas. Hoover, oats.....	19 01
Oct. 7	347	Francis Fobes, oats.....	34 50
Oct. 7	348	James Clark & Co., flour and feed.....	38 85
Oct. 7	349	James Hutson, fish	7 08
Oct. 7	350	John Tinker, vinegar and fruit.....	37 04
Oct. 7	351	Janesville P. & P. Co., vinegar and pickles.....	11 67
Oct. 7	352	C. B. Conrad, groceries.....	111 33
Oct. 7	353	M. Conant & Co., groceries.....	34 86
Oct. 7	354	Nash & Lee, groceries.....	23 64
Oct. 7	355	L. B. Carle, groceries.....	89 23
Oct. 7	356	F. P. Schicker, bread	91 55
Oct. 7	357	Aug. Menchow, labor.....	25 50
Oct. 7	358	John Zechel, labor.....	31 40
Oct. 7	359	C. E. Webb, sweet potatoes.....	7 00
Oct. 7	360	George Flood, potatoes.....	13 79
Oct. 7	361	Francis Fobes, potatoes.....	11 71
Oct. 7	362	Hodge & Bucholz, repairing carriages.....	96 90
Oct. 7	363	Mrs. T. H. Little, current expenses.....	72 31
Oct. 7	364	Mrs. T. H. Little, pay roll, September.....	527 70
Oct. 7	365	W. B. Harvey, salary for September.....	55 00
Total			\$18,653 84
IMPROVEMENT FUND.			
May 6	27	P. Gagin, evergreens	\$14 25
May 6	28	Mrs. T. H. Little, shrubs and vines.....	13 28
Aug. 5	29	P. M. Almini, frescoing	714 00
Aug. 5	30	Lovejoy & Blount, lumber.....	233 01
Sept. 5	31	J. Griffith, nails	15 75
Oct. 7	32	Lovejoy & Blount, lumber	30 98
Total			\$1,021 27
HOUSE FURNISHING FUND.			
Dec. 3.	4	Smith & Bostwick, dry goods	55 60
April 3	6	Bramhall, Dean & Co., broiler.....	56 00
May 6	7	W. G. Wheelock, crockery	2 65
May 6	8	Field, Leiter & Co., carpet rugs.....	51 80
June 3	9	Smith & Bostwick, dry goods.....	81 18
June 3	10	J. & D. Creighton, dry goods.....	35 65
Oct. 7	11	Janesville Furniture Co., furniture	74 88
Oct. 7	12	W. G. Wheelock, crockery.....	18 93
Total.....			\$376 69

Superintendent's Report.

Total current expense fund	\$18,653 84
Improvement fund	1,021 27
House furnishing fund.....	876 69
Total	<hr/> \$20,051 80

Very respectfully,

Nov. 11, 1879.

H. S. HOGOBOOM, *Secretary.*

SUPERINTENDENT'S REPORT.

To the Trustees of the Wisconsin Institution for the Education of the Blind:

GENTLEMEN:— The history of the past year of this Institution has been marked by no particular discouragement or remarkable success. The proper work of the school has been carried on with regularity, and has produced its legitimate results. For the most part, the pupils have studied with diligence, and have made corresponding improvement. The deportment of nearly all has shown a commendable desire to do right, and progress has been made by many toward a true manhood or womanhood.

Ninety names appear on the roll of scholars as shown in an appendix to this report. Four of these spent last term at their homes, but are expected to be present this term. Eleven have been received for the first time, and twelve have left school not expecting to return.

Superintendent's Report.

The following table shows the number of pupils reported for each year of the existence of the Institution:

Number of Pupils.	From—	To—
Eight.....	Oct. 1, 1850	Jan. 11, 1851
Nine.....	Jan. 11, 1851	Dec. 18, 1851
Nine.....	Dec. 18, 1851	Dec. 30, 1852
Thirteen.....	Dec. 30, 1852	Dec. 31, 1853
Sixteen.....	Dec. 31, 1853	Dec. 31, 1854
Fourteen.....	Dec. 31, 1854	Dec. 31, 1855
Nineteen.....	Dec. 31, 1855	Dec. 31, 1856
Twenty.....	Dec. 31, 1856	Oct. 1, 1857
Twenty-five.....	Oct. 1, 1857	Oct. 1, 1858
Twenty-seven.....	Oct. 1, 1858	Oct. 6, 1859
Thirty-four.....	Oct. 6, 1859	Oct. 1, 1860
Forty-two.....	Oct. 1, 1860	Oct. 1, 1861
Fifty.....	Oct. 1, 1861	Oct. 1, 1862
Fifty-four.....	Oct. 1, 1862	Oct. 1, 1863
Fifty-nine.....	Oct. 1, 1863	Oct. 1, 1864
Fifty-eight.....	Oct. 1, 1864	Oct. 1, 1865
Fifty-four.....	Oct. 1, 1865	Oct. 1, 1866
Fifty four.....	Oct. 1, 1866	Oct. 1, 1867
Sixty.....	Oct. 1, 1867	Oct. 8, 1868
Sixty-nine.....	Oct. 8, 1868	Oct. 12, 1869
Sixty-four.....	Oct. 12, 1869	Oct. 12, 1870
Sixty-eight.....	Oct. 12, 1870	Oct. 1, 1871
Seventy-six.....	Oct. 1, 1871	Oct. 1, 1872
Seventy-seven.....	Oct. 1, 1872	Oct. 1, 1873
Seventy-five.....	Oct. 1, 1873	Oct. 1, 1874
Eighty-two.....	Oct. 1, 1874	Oct. 1, 1875
Eighty-six.....	Oct. 1, 1875	Oct. 1, 1876
Ninety-one.....	Oct. 1, 1876	Oct. 1, 1877
Ninety-one.....	Oct. 1, 1877	Oct. 1, 1878
Ninety.....	Oct. 1, 1878	Oct. 1, 1879

Instruction has been given, as usual, in three departments — literary, musical and industrial.

In the literary department, classes were instructed last term, as follows: In reading, five classes; in spelling, six; in geography, three; in arithmetic, six; and one class each, in grammar, rhetoric, writing, natural philosophy, natural history, botany, geometry and civil government. The kindergarten was continued through the term, but has now been dropped, not because its utility is questioned, but because our teaching force is inadequate in number.

This term we have classes in reading, spelling, arithmetic, geography, English language, etymology, rhetoric, U. S. history, geom-

Superintendent's Report.

etry and chemistry. The class in botany took only a short course, commencing the study last spring, with the earliest opportunity for procuring specimens of growing plants for examination, and completing it this fall, before the beginning of winter.

I wish to call your attention to the importance of providing an additional teacher for this department, so soon as financial reasons will permit. It is impossible to make such a classification as the best good of the scholars demands, with our present number of teachers. For a number of years past, several classes have been taught by advanced pupils. Last term four classes were thus provided for, and in addition, I gave instruction to two classes. My time was so often taken up with other duties that the classes lost many recitations; and other interests sometimes suffered because the teaching demanded my time. Such an arrangement could only be temporary, and this term it has seemed the lesser evil to crowd the classes more, and avoid such a clashing of interests. If another teacher could be employed to-day, a much better classification could be made, and an abundance of useful work could be assigned to her.

In the musical department, three choral classes and the orchestra have met daily for instruction and practice. Lessons have been given to forty-two pupils upon the piano, to fifteen upon the the cabinet organ, and to thirteen upon the violin or other instruments.

In the industrial department, each pupil is expected to spend at least one hour daily in some handiwork.

All the older boys have worked at broom-making. The girls have made good advancement in sewing, knitting, and other useful employments. Beadwork has furnished the younger pupils with manual training. A number of boys and girls have learned cane-seating. Weaving of rag carpets has been continued with increasing confidence that this business will be of practical benefit to a considerable number of our graduates. The demand for work has been sufficient to provide, without solicitation or advertising, all that could be undertaken with our present number of looms.

For many years past the girls' work department has been under

Superintendent's Report.

the direction of the matron, who has spent two or three hours daily in the workroom, teaching and planning work, and who has been assisted by older pupils or by employes. It seemed imperative that the matron's time and strength should be relieved from this burden, and this change was effected at the opening of the present term by the employment of a teacher for this special department. We were particularly fortunate in securing for the new office the services of Miss M. L. McKibben, for ten years past a faithful and efficient officer in the Ohio Institution for the Blind. As one result of this arrangement, classes of varying size are now under instruction during six hours in each day.

This year has brought other changes in our corps of officers. At the close of the last term, in June, Mr. Van Cleve and Miss M. L. Blinn retired from work in the musical department, after four years of service, in order to carry out plans of their own. The vacancies thus occasioned have been filled by Mr. E. G. Sweet and Mrs. M. D. Jones, who bring to their work experience and enthusiasm.

Msr. M. H. Whiting, who had been matron during thirteen years, in the summer accepted a call to Knox Seminary, Galesburg, Ill. She possessed, in a high degree, many of the characteristics essential to success in our work, and to her natural endowments had been added the fruits of experience. She had discharged the onerous duties devolving upon her with fidelity, and her departure was sincerely regretted. Her place has been supplied by Miss Lizzie J. Curtis, who is believed to be well qualified for her new duties.

During the year, lectures have been gratuitously delivered before the household, as follows:

Rev. F. W. Chapell, subject, Edward Irving.

Rev. George Schorb, subject, Intemperance.

Rev. T. P. Sawin, subject, An old Proverb.

Rev. W. E. De Riemer, subject, Ceylon.

Rev. J. W. Sanderson, "The bird that can sing, and will not sing, must be made to sing."

These were all occasions of pleasure, and besides relieving the monotony of school life, served to awaken thought and stimulate

Superintendent's Report.

interest in important themes. The thanks given to each lecturer individually were most sincere.

The managers of the Chicago, Milwaukee and St. Paul, and of the Chicago and Northwestern Railways have again merited our thanks by providing transportation for our pupils to and from their homes for the summer vacation.

Grateful acknowledgement is made of the receipt of the following newspapers, and the publishers are requested to continue to send them to the Institution.

Burlington Standard.
Wisconsin Chief, Fort Atkinson.
Monroe Sentinel.
Kenosha Telegraph.
Brandon Times.
Palmyra Enterprise.
Union Grove Enterprise.
Goodson Gazette, Staunton, Va.
The Tablet, Romney, W. Va.
Mute's Companion, Faribault, Minn.
The Mistletoe, Vinton, Iowa.

For some years past, efforts have been made by instructors of the blind, to secure, by congressional appropriation, provision for a cheaper and more abundant literature in raised letters. Last winter these endeavors were brought to a successful result, and a grant made, whereby the sum of \$250,000.00 was "set apart as a perpetual fund for the purpose of aiding the education of the blind, through the American Printing House for the Blind." By the provisions of the law, the secretary of the treasury of the United States holds this sum (invested in U. S. bonds, bearing four per cent. interest,) in trust, for the purpose mentioned, and pays the income from it, semi-annually, to the trustees of the American Printing House for the Blind. These trustees must use the means thus supplied, exclusively in the manufacture of embossed books and tangible apparatus, and distribute the same to the different institutions for the blind in the United States in amounts proportioned to the number of pupils under instruction. Other sections

Superintendent's Report.

of the law make careful provision for the faithful fulfillment of the design of the grant.

From this source, this Institution has received, recently, books valued at \$260.00, and, for the first time in the history of the school, it has been practicable to provide text books, other than readers and spellers, and to give the pupils of one class, (etymology) the discipline of learning lessons from a printed page. It is expected that a valuable result of this wise benevolence of congress will be to increase the variety of books printed for the blind, and to cheapen them, so that many persons outside of institutions may own them. Now, some of our graduates never touch a book in raised letters, and a private embossed library of ten volumes is exceptionally large.

Respectfully,

SARAH F. C. LITTLE.

JANESVILLE, *October*, 1879.

Catalogue of Pupils.

CATALOGUE OF PUPILS.

<i>Names.</i>	<i>Residence, County.</i>
Sophronia Johnson, -	Dane.
Elizabeth I. Noonan, -	Rock.
Frederick Tranton, -	Marathon.
Fred. D. Parker, -	Rock.
William F. Pautz, -	Milwaukee.
Jennie C. Cummings, -	Rock.
Catherine Sullivan, -	Rock.
Levi G. McCulloch, -	Crawford.
Edwin Bates, -	Outagamie.
Amanda A. McCloskey, -	Crawford.
Margaret T. Fohey, -	Milwaukee.
Charles P. R. Krakofsky, -	Racine.
George Stuempfig, -	Columbia.
Thirza L. VanDuzee, -	Vernon.
Jonas Hedburg, -	Pierce.
Caroline Hedburg, -	Pierce.
Margaret Lapine, -	Fond du Lac.
Josephine Lapine, -	Fond du Lac.
Sraah Murphy, -	Rock.
Charles E. Flick, -	Dane.
Libbie D. Wood, -	Fond du Lac.
John F. Amerhine, -	Milwaukee.
Clarissa Moon, -	Grant.
Silas Waters, -	Green.
Frederick A. Klemp, -	Dodge.
Katie Youngman, -	Jefferson.

Catalogue of Pupils.

<i>Names.</i>	<i>Residence, County.</i>
John Oleson, - - -	Juneau.
Henry J. Heyden, - -	Jefferson.
Mary A. Shannahan, - -	La Fayette.
Ari May Lyon, - - -	Walworth.
Anna Carter, - - -	Crawford.
Nellie A. Garner, - -	Grant.
Georgine M. Sensiba, - -	Brown.
John H. Wilson, - - -	Grant.
Ida M. Flick, - - -	Dane.
Clyde A. Whitney, - -	Rock.
Cora B. Cook, - - -	Green.
Carrie R. Streeter, - -	Columbia.
Laura Engleson, - - -	Rock.
Electa H. Pomeroy, - -	Dodge.
Amelia W. Nix, - - -	Waukesha.
Katie M. Bann, - - -	Richland.
Francis Harmon, - - -	Walworth.
Gustave Quandt, - - -	Waupaca.
Dennis Murphy, - - -	Fond du Lac.
Lillie Rodgers, - - -	Jefferson.
Ida Rodgers, - - -	Jefferson.
M. Angelo McGalloway, - -	Fond du Lac.
Katie E. Killeen, - - -	Fond du Lac.
Sherman O. Bitney, - - -	Dane.
Maggie D. Foley, - - -	Richland.
Laura A. Trentlage, - -	Fond du Lac.
Jennie A. Connor, - - -	Dodge.
Mary I. Hedburg, - - -	Pierce.
Honora Dorsey, - - -	Rock.
Andrew M. Sorenson, - -	Brown.
Frank Finisterbach, - -	Pierce.
Ellen M. Dustrued, - - -	Rock.
Charles Davis, - - -	Fond du Lac.
William B. Stickney, - -	Juneau.
Albert Delap, - - -	Juneau.

Catalogue of Pupils.

<i>Names.</i>	<i>Residence, County.</i>
Christopher Ehlenz, - -	La Crosse.
Rosa Grimm, - -	Fond du Lac.
Otilie Wertz, - -	Calumet.
Willie Fauerbach, - -	Dane.
Jacob Mueller, - -	Washington.
Annie L. Sylvester, - -	Milwaukee.
Mary L. Shimcusky, - -	Pepin.
Joseph O. Preston, - -	Rock.
Cora A. Briggs, - -	Outagamie.
W. Ulmer Parks, - -	Outagamie.
John B. Thomas, - -	Pierce.
E. N. Armeson, - -	Adams.
Olaf Oleson, - -	La Crosse.
Edna E. Haskell, - -	Monroe.
Edward A. Shattuck, - -	Rock.
George C. Brooks, - -	Rock.
Willie Belau, - -	Dodge.
Matthew Krolovets, - -	Kewaunee.
George A. King, - -	Dodge.
Barbara Sink, - -	Buffalo.
Mary A. L. Pundt, - -	Rock.
J. J. Moore, - -	Crawford.
Frank Tummond, - -	Grant.
Seward Garthwaite, - -	Grant.
Frank Richardson, - -	Winnebago.
Peter Klyver, - -	Outagamie.
William Dix, - -	Calumet.
Minnie Brown, - -	Walworth.
Leette Bushnell, - -	Green.

Admission of Pupils.

ADMISSION OF PUPILS.

The object of this Institution is to furnish the blind children of the state a good education especially adapted to their condition, thereby fitting them to take an intelligent and useful part in the affairs of life.

Instruction is given in those subjects usually taught in our best public schools, and also in music, both vocal and instrumental, and in various kinds of work.

The Institution is supported by the state, and no charge is made for board or tuition, but a small sum should be deposited with the Superintendent for occasional expenses.

From ten to fourteen is the most favorable age for entering the Institution, provided the pupils have had judicious care and training at home, prior to that age. But as this is not always the case, and as there are many who lose their sight after that age; or, having lost it earlier, do not find an opportunity of going to school at the proper time, the regulations of the Institution allow of the admission of all proper subjects who are not under eight or above twenty-one years of age.

It must be borne in mind, however, by the friends of blind children, that though they have the privilege of sending them to the Institution at a later period than the one mentioned as the best, yet it is of the highest importance that they should be sent within said period; for, as they grow older, their neglected powers lose their susceptibility of cultivation, rendering the training more and more difficult, until they become wholly incapacitated for receiving such an education as will fit them for a life of usefulness, independence and happiness. It is not uncommon to witness results of this kind, arising out of the morbid tenderness with which a blind child is frequently regarded by his friends, rendering them unwilling to entrust him, at the proper age, to the care of strangers, lest some harm should befall him. Indeed, every year's experience but

Admission of Pupils.

serves to indicate more clearly the lamentable prevalence of this unjust neglect; as there are constantly applying for admission into the Institution, those whose melancholy lot is to lead a life of hopeless ignorance and dependence, but who might, with proper training in early youth, have become happy and useful members of society, maintaining themselves comfortably and respectably.

The term of instruction is not limited to any definite number of years, but is determined in each individual case, by the acquirements of the pupil and consequent fitness for graduating. The length of each one's term will of course depend upon his aptness to learn, and the extent of the course to be pursued.

The session of the Institution commences on the second Wednesday of September in each year, and closes on the next to the last Wednesday in June following, leaving a vacation of more than two months, during which time the pupils will have an opportunity of visiting their homes and replenishing their clothing.

It is important that new pupils should enter upon their term of instruction at the commencement of a session, and it is expected of all others that they will be present at the opening of the school and remain until it closes, on the last day of the session, unless prevented from doing so by sickness or other emergency. It is also expected that timely arrangements will be made for the departure of every pupil from the Institution within a few days after the close of each session.

All are expected to come provided with an adequate supply of good, comfortable clothing, which must be replenished from time to time, as it becomes necessary.

The stock of clothing should embrace suitable articles for both summer and winter, and a sufficient number of each kind to admit of the necessary changes for washing and repairing.

All clothing must be sent in good condition, not only upon the first entrance of the pupil, but also at each subsequent return from home, after the vacation.

Each article should also be distinctly marked with the owner's name or initials, in order to prevent confusion or loss.

All letters or express packages for pupils should be addressed to

Admission of Pupils.

the care of the Institution, in order to secure their prompt reception.

For the purposes of education, all children are regarded as practically blind whose vision is so defective as to prevent them from receiving the benefit of the common schools.

Any person wishing to make application for the admission of a pupil into the Institution, must address the Superintendent, giving definite and truthful answers to the following questions, viz.:

1st. What are the names and post-office address of the parents or guardians of the person for whom application is made?

2d. Are such parents or guardians legal residents of the state of Wisconsin?

3d. What is the name and age of the person for whom application is made?

4th. At what age did he or she become blind, and from what cause?

5th. Is his or her blindness total or partial? If partial, what is the degree of blindness?

6th. Is he or she of sound mind, and susceptible of intellectual culture?

7th. Is he or she free from bodily deformity and all infectious diseases?

8th. What are his or her personal habits and moral character?

If any useful vision exists, the certificate of some physician or some teacher should be furnished, stating that the child cannot receive the advantages of common schools for want of sight.

Upon the receipt of such application by the Superintendent, the applicant will be notified as to whether or not the person in question will be admitted, and no one must be sent to the Institution until such notification shall have been received.

No person of imbecile or unsound mind, or of confirmed immoral character will be knowingly received into the Institution; and in case any person shall, after a fair trial, prove incompetent for useful instruction, or disobedient to the wholesome regulations of the Institution, such pupil will be thereupon discharged.

It is believed that a considerable number of blind children are

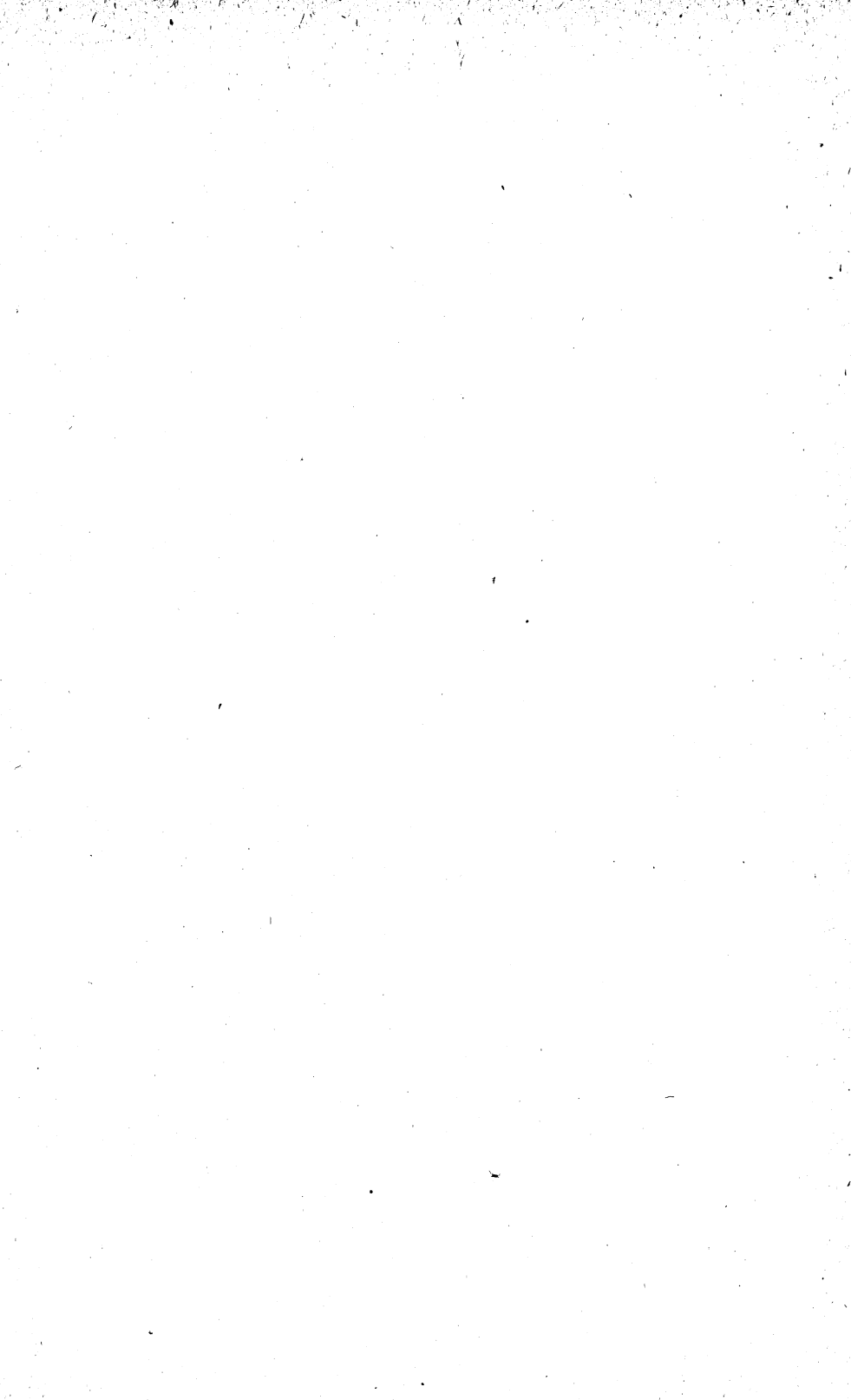
Admission of Pupils.

growing up in ignorance, in the state, and the attention of ministers, doctors, teachers and other persons of extensive acquaintance with the young, is specially invited to the matter, in the hope that they will use their influence to have such children sent to school before it is too late.

Parents of blind children are cordially invited to visit the Institution, that they may decide from their own observation whether it is best to send them here.

All persons are requested to send the names and addresses of blind children of their acquaintance to the Superintendent,

Mrs. THOMAS H. LITTLE,
Institution for the Blind, Janesville, Wis.





TWENTY-EIGHTH ANNUAL REPORT

OF THE

BOARD OF TRUSTEES

OF THE

WISCONSIN INSTITUTE

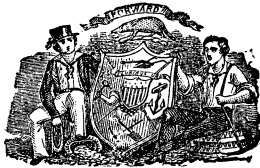
FOR THE

Education of the Deaf and Dumb

FOR THE

FISCAL YEAR ENDING SEPTEMBER 30, 1879.

LOCATED AT



DELAVAN.

MADISON, WIS.:

DAVID ATWOOD, STATE PRINTER.

1879.

To His Excellency, WM. E. SMITH,

Governor of the State of Wisconsin:

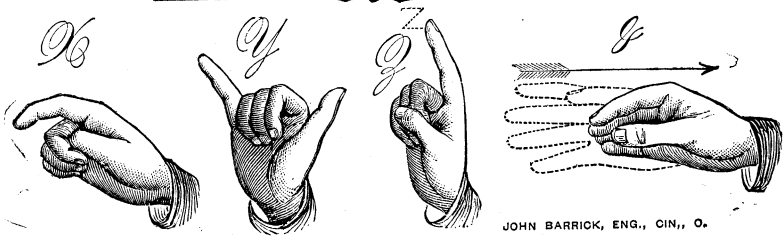
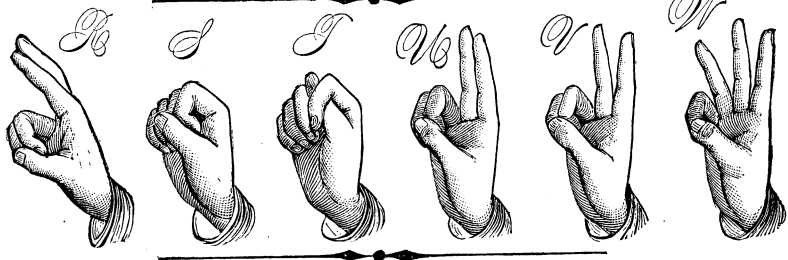
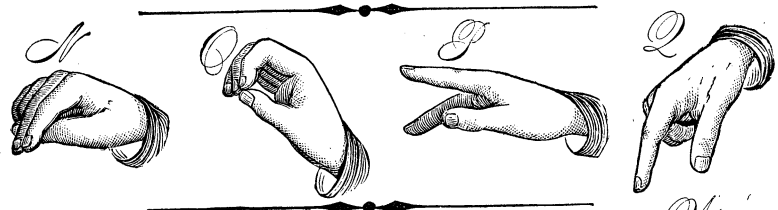
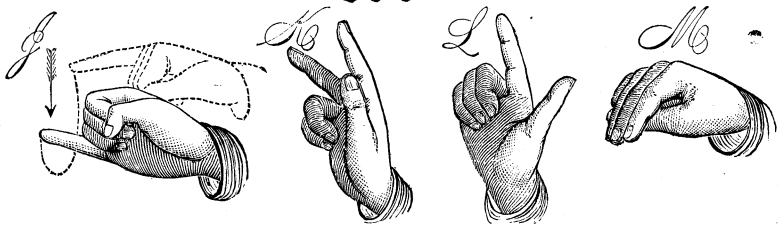
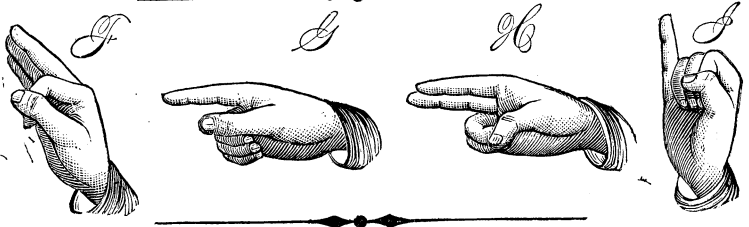
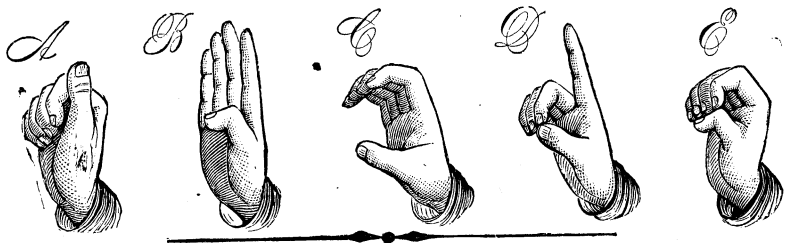
I have the honor of presenting you herewith the twenty-eighth annual report of the Board of Trustees of the Wisconsin Institute for the Education of the Deaf and Dumb.

Very respectfully yours,

S. R. LA BAR,

Secretary.

DEHAVAN, *November 1, 1879.*



BOARD OF TRUSTEES.

Term expires April, 1880.

HOLLIS LATHAM, . . . ELKHORN, . . . *Walworth County.*

Terms expire April, 1881.

E. D. HOLTON, . . . MILWAUKEE, . . . *Milwaukee County.*

D. G. CHEEVER, . . . CLINTON, . . . *Rock County.*

Terms expire April, 1882.

AARON L. CHAPIN, . . . BELOIT, . . . *Rock County.*

S. REESE LA BAR, . . . DELAVAN, . . . *Walworth County.*

OFFICERS OF THE BOARD.

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AARON L. CHAPIN.

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S. REESE LA BAR.

TREASURER,

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EXECUTIVE COMMITTEE,

S. REESE LA BAR. D. G. CHEEVER.

OFFICERS OF THE INSTITUTE.

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W. H. DE MOTTE, A. M., LL. D.

INSTRUCTORS,

ZACHARIAH G. MCCOY.

ELEANOR MCCOY.

GEORGE F. SCHILLING, A. M.

W. J. FULLER, B. S.

W. A. COCHRANE, A. M.

MARY H. HUNTER.

MARY E. SMITH.

KATE DE MOTTE.

TEACHERS OF ARTICULATION,

EMILY EDDY, ROSETTA C. RITSHER.

CLERK,

R. A. GATES.

MATRON,

MRS. A. BROADRUP.

PHYSICIAN,

H. D. BULLARD, M. D.

TRUSTEES' REPORT.

To His Excellency, WILLIAM E. SMITH,
Governor of the State of Wisconsin :

SIR: The Board of Trustees of the Wisconsin Institute for the Education of the Deaf and Dumb, respectfully submit the following report for the 27th year of the institution ending September 30, 1879:

The school year which closed on the 11th of June last, was a prosperous one in every respect, as much so as any in the history of the institution. By the harmonious and hearty co-operation of the superintendent, teachers and officers, the work of instruction was carried on efficiently and satisfactorily. The inmates, with very few and slight exceptions, were favored with constant health, and the conduct of the pupils was characterized by a cheerful performance of all assigned duties, real interest and progress in study, and a general regard for the rules of morality and propriety.

On the first of January, Miss Tilden resigned her place as teacher, to enter the marriage relation, and Miss Mary H. Hunter was appointed to fill the vacancy. Miss Kate De Motte was also employed to teach an additional class which it was found necessary to organize. No other changes have been made in the corps of teachers.

The new year of study opened auspiciously on the 3d of September. The pupils gathered in numbers larger than ever before, and there was reason to think that not less than 170 would soon be in attendance. But in less than two weeks, on the 16th of September, the building of the Institute was consumed by fire. The fire was discovered about eight o'clock in the morning, breaking out at the base of the dome, above the roof of the main building. No rain had fallen for some weeks, and the dome, built entirely of wood, now thoroughly dry and recently painted, and open to free drafts of air, was almost instantly in a blaze. Being above the water tanks, the ordinary appliances for extinguishing fire, though

Trustees' Report.

all in good order, were not available. A stream of water from the small steam pump in the boiler room was turned upon the flames as soon as possible, but with little effect. The fire spread rapidly over the entire roof of the main building, and soon took hold of the connecting wings, defying all efforts to arrest its progress. It was evident that little could be done, except to save as much as possible of the contents. For that end, the citizens of the village joined hands with the officers and pupils of the Institute so effectively that the greater part of the clothing and furniture below the upper stories was saved with but little damage. The time of the calamity favored the escape of all persons from the building entirely unharmed. For a time, the effort to save the west wing seemed hopeful, but proved at last all in vain for lack of means for cutting off the passages. At eleven o'clock, nothing remained of the whole structure but a portion of the walls, enclosing a bed of debris, smoking and glowing with heat.

One of the trustees chanced to be on the ground when the fire broke out. The summons promptly sent, brought in the rest of the Board before the day closed. Having been informed of the disaster, you were yourself present in the afternoon, to give needed and timely counsel to the trustees for the emergency. The citizens of Delavan came together and arranged, through a committee, for giving immediate shelter to the homeless teachers and pupils, and to provide temporary accommodations for the school. The out-buildings were all spared in good order, and the school-room appliances and other furniture saved, were in good condition for use. On examination, it was found that the walls of the laundry, the kitchen ranges, the smoke-stack and heating apparatus were but little injured and could be soon restored; also that a temporary building could be erected at small expense, which, with adaptations of the shop, gymnasium and wood-shed, would afford tolerable accommodations for a time. The force of officers and teachers being engaged for the year, and the pupils being on the ground, it seemed to both yourself and the Board, that the institution ought not to be disbanded. The teachers expressed their readiness to submit to inconveniences, and to make the best of such accommo-

Trustees' Report.

dations as could be furnished for carrying on their work. Measures were accordingly taken to continue the school on this site, the only thing which the trustees felt authorized to do. The generous hospitality of the citizens was accepted so far as to distribute the girls and some of their teachers among the families of the place for a time; school-rooms were fitted up in the shop building, and lodgings for the boys in the upper part of the gymnasium and wood shed; the lower floor of the gymnasium was made a dining room, with an extemporized kitchen attached, and steps were taken for restoring the laundry, and for erecting a temporary structure of wood to meet other necessities.

On the day after the fire, the classes were gathered in the vestry of the Methodist Church, in the village, and regular exercises were maintained thereafter, so that but a single day was lost in the work of instruction. Two weeks from the date of the fire, the whole establishment was gathered on the Institute grounds for meals and school exercises, and now, at the time of writing this report, Nov. 22, the laundry building restored, provides kitchen, dining-room, laundry, rooms for matron and female teachers, and a pleasant dormitory for the girls, while the other buildings furnish passable accommodations for other immediate necessities of the Institute during the current year.

Careful inquiries have been made respecting the origin of the fire, but with no satisfactory result. It seems impossible to account for it by any accident; yet nothing is yet discovered which turns suspicion of incendiarism, the only alternative, upon any one who could commit such an outrage. We can only say that if one designed to burn the edifice, the time of day and the place of starting the fire were selected with wonderful fitness for the accomplishment of the purpose without risk of detection, and with little danger to the lives of the inmates; and the form and structure of the building were such as to ensure its complete destruction.

In the expenditures made to meet the exigency, the trustees have studied the utmost economy, and contemplating a probable future rebuilding, have directed the outlays so as to avoid, as much as possible, any waste of labor and materials on what must be

Trustees' Report.

merely temporary. In a supplementary report, when the data are all in, a distinct statement of what has thus been expended will be given in detail, together with an application to the legislature for an immediate appropriation to cover these expenses which have exhausted the treasury, leaving no funds for sustaining the school until the first of March next.

The Board have given serious and careful consideration to plans for permanent buildings suitable for the purposes of the Institute hereafter. By correspondence, outlines of the plans of buildings recently erected for similar institutions have been obtained, together with opinions and suggestions from some of the most experienced superintendents in the country. An architect of high reputation from Milwaukee has also been called in for consultation and to make preliminary drawings.

The recent sad calamity of itself condemns the concentration of all accommodations in one great edifice. This Board are convinced, also, that the work of the institution can be carried on to best advantage by means of several buildings, detached from each other, or connected only by corridors. Economy and good taste alike require that such buildings should be in a simple style of architecture, free from expensive ornamentation, yet neat and chaste. Convenience for use and security against fire should be matters of highest consideration. Acting on these convictions, the Board present the accompanying outline drawings for five additional permanent buildings of moderate dimensions, which modified in the details, as further study may suggest, will conform to the general plan set forth in the report of the Superintendent, herewith submitted. The Board are assured by the architect that these buildings can be erected with slate roofs and internal structure essentially fire-proof, for the sum of \$125,000, and that they will furnish convenient and satisfactory accommodations for 250 or 300 pupils.

The question of transferring the Institute from Delavan to some other locality, has been broached and somewhat discussed by the public press. On that matter, this Board would not presume to dictate a judgment. It is for the legislature to decide, and in that

Trustees' Report.

body it will, no doubt, have a fair consideration. But as officers of the state, charged with the oversight of this department of public institution, the Board have been moved to study the question with care and candor, having respect both to wise economy in the outlays of the state for the object, and to the highest welfare of this class of the children of the state. It seems fit they should respectfully and frankly state their convictions and the reasons which have produced them.

The size and prospective population of our state warrants the expectation that within a few years there will be four or five hundred mutes of school age to be provided for. Experience teaches that it is not wise to gather so large a number into a single institution, however central. A school numbering from two to three hundred is best distributed into classes, and in all its departments most economically administered. The population of the northern part of the state is rapidly increasing, and it will soon be expedient to establish another institution for the education of mutes in that section. Then the Institute restored at Delavan will continue to meet the needs of the southern part of the state, and the work will be advantageously divided. It is in anticipation of such an arrangement for the long future, that the plans presented contemplate provision for so limited a number of pupils.

It may also be said with respect to Delavan, that the state has still a valuable property there, which must be sacrificed by the proposed transfer. The local interest of the people of that village in the education of the deaf, led to the establishment of the Institute there in the outset. The acceptance of their liberal donation of a site and its long occupation involves some obligation to continue it there, unless there are strong reasons against so doing. The site itself is an eligible one for beauty, and especially for healthfulness. It has advantages for drainage, and for obtaining pure water, which are rarely equaled. The almost entire exemption from serious sickness in the institution during all the years of its existence, is remarkable. On this point, the rebuilding there involves no doubtful experiment.

These considerations lead this Board to the unanimous and de-

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cided opinion that it is expedient for all the interests concerned, that the Institute should be rebuilt at Delavan, on the plan suggested, with the expectation that, not many years hence, the state will select a site and provide for a similar institution in the northern part of the state. They do, therefore, earnestly recommend that this course be adopted, and they respectfully ask of the legislature an appropriation of the sum of money necessary to erect the proposed buildings, to provide new boilers (the present boilers having been pronounced, by the government inspector, unfit for use beyond the present year), and to furnish full apparatus for heating the entire cluster of buildings. It is believed that the sum of \$130,000 will cover the entire expenditure required to give the Institute accommodations safer, more substantial and enduring, and better fitted for its purposes than it has heretofore had, and which for adaptation to their purpose, will be unsurpassed by those of any similar institution in the land.

The amount of funds actually expended for the current needs of the Institute during the year which closed September 30, was \$30,318.50, distributed as follows:

EXPENDITURES.

Means of instruction and amusements.....	\$350 82
Clothing and expenses of indigent pupils.....	317 25
Drugs and medicines	43 94
Farm and barn.....	579 59
Fuel.....	2,096 38
House furnishing	2,213 77
Laundry.....	256 78
Lights.....	474 20
Live stock.....	387 50
Manufacturing.....	868 52
Managers' and trustees' expenses.....	190 65
Miscellaneous purposes	801 09
Permanent improvements	294 85
Repairs ordinary.....	2,813 28
Subsistence.....	6,266 36
Salaries and wages	6,730 01
school department.....	
domestic department.....	3,350 56
heating department.....	1,033 01
industrial department	1,250 04
	<u>\$30,318 50</u>

Of this amount, the sum of \$915.81 was paid out during the month of September, to replace articles of immediate necessity lost by the fire. A considerable amount of provisions was also de-

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stroyed, in consequence of which the expenditures of the same month were further increased, but to what extent cannot be exactly stated.

The Board, after consultation with the State Board of Charities, present the following estimate of probable current expenses for the year to come, based on the expectation that the number of pupils will be about 150, the largest number which can be received until new buildings are provided; and that through lack of conveniences in the present imperfect accommodations, the expense of running the school must be somewhat increased.

APPROPRIATIONS APPLIED FOR.

Means of instruction and amusements.....	\$450 00
Clothing and expenses of indigent pupils.....	500 00
Drugs and medicines.....	65 00
Farm and barn.....	500 00
Fuel.....	2,500 00
House furnishing.....	2,600 00
Laundry.....	275 00
Lights.....	500 00
Live stock.....	100 00
Manufacturing.....	600 00
Managers' and trustees' expenses.....	500 00
Miscellaneous purposes.....	1,000 00
Repairs ordinary.....	1,000 00
Subsistence.....	8,000 00
Salaries and wages school department.....	7,500 00
Salaries and wages domestic department.....	3,500 00
Salaries and wages industrial department.....	1,250 00
Salaries and wages heating department.....	1,060 00
Library.....	100 00
	<hr/>
	\$32,000 00
	<hr/>

The Board, accordingly, respectfully ask of the legislature an appropriation of \$32,000, to provide for current expenses during the coming year.

The Board note with pleasure indications of increased interest on the part of our citizens generally in the welfare of the deaf among us, and of a more ready disposition on the part of parents of such children, to avail themselves of the ample provisions made for their education. They bespeak the kind offices of all who have opportunity, to give information respecting these provisions, and to assist proper subjects to reach and enjoy the benefits which the benevolence of the state makes free to all.

In behalf of the Board, respectfully submitted.

A. L. CHAPIN, *President.*

Superintendent's Report.

SUPERINTENDENT'S REPORT.

To the Trustees of the Wisconsin Institute for the Deaf and Dumb:

GENTLEMEN: I have the honor to submit the following statement of the progress of the Institute during the year closing September 30, 1879.

We have been favored perhaps more than during any former year in the enjoyment of good health, and in the good feeling and zealous co-operation which have maintained among the officers and teachers; while the frequent visits of the Governor, Superintendent of Public Instruction, members of your honorable body, and other prominent citizens of the state, indicate a growing interest in the work of the Institute.

The appropriation made for the current expenses has been sufficient. I trust you will find the accounts and vouchers satisfactory, and the books properly kept. All are herewith laid before you.

ATTENDANCE.

About the usual number of pupils have been enrolled and dismissed, leaving upon our books one hundred and eighty-seven. Of these, one hundred and forty-eight were present at the time of the fire; and most of the remainder would have returned in a short time. Immediately after the fire it was thought best to send to their homes twenty-two of the youngest, till our temporary buildings should be ready to accommodate the whole number. Three others availed themselves of leave of absence, one ran off, and one was excluded on account of feebleness of mind; leaving one hundred and twenty-two present at this date. In addition to these, I hold accepted applications of thirty others, who will enter as soon as we are prepared to receive them. This increase is owing in part to

Superintendent's Report.

the improved financial condition throughout the state, and in part to the fact that the nature of the Institute and its work are becoming better known.

DISTRIBUTION OF PUPILS BY COUNTIES.

Adams	5	Jefferson.....	7	Rock	9
Brown.....	8	Juneau	1	St. Croix	2
Buffalo	2	Kenosha	4	Sauk	4
Calumet	2	La Crosse	1	Shawano.....	2
Chippewa.....	1	La Fayette	4	Sheboygan.....	6
Clark.....	5	Lincoln.....	1	Taylor.....	2
Columbia	5	Manitowoc	7	Trempealeau..	4
Crawford	2	Marathon.....	3	Vernon	2
Dane	6	Marquette.....	2	Walworth	8
Dodge.....	4	Milwaukee.....	11	Washington	6
Door	3	Monroe.....	4	Waushara.....	2
Dunn.....	1	Oconto	1	Waupaca .	2
Eau Claire	2	Outagamie.....	3	Waukesha	5
Fond du Lac.....	6	Pepin	2	Winnebago.....	5
Grant	7	Pierce	3	Wood.....	2
Green	4	Portage	2		
Green Lake.....	1	Richland	3	Total	183
Iowa	2				

No case requiring serious discipline has occurred. The general disposition has been one of respectful compliance with regulations, and commendable application to duties. The reports of the teachers note a very fair average standing in school. The record of the industrial department is equally satisfactory.

THE SCHOOL.

No important change has been made in classification or methods of instruction. Convinced that a large portion of our pupils can be most successfully educated through the medium of signs, that method has been largely pursued. At the same time additional care has been taken to give all those who, after thorough examination and trial, are deemed capable of receiving instruction in articulation, the benefit of that mode of teaching.

In accordance with the suggestion made in my last report, a portion of the time of an additional teacher has been devoted to articulation; so that during the year almost one-third of our pupils have received instruction in the use of the voice. The results have been

Superintendent's Report.

such as to fully justify the expense, and to encourage us to continue the arrangement for the future.

Of course the capacities of our pupils vary greatly; more, I am disposed to think, than of an equal number of ordinary children in the public school. They are thrown together by the necessity of a common defect rather than attracted by similarity of tastes and aspirations. In nothing do they vary so much as in their ability to recover the use of speech, or to acquire it by imitation. And yet, in an institution founded and maintained by appropriation of public funds, each is entitled to his full share of consideration. We must as far as possible give the best opportunities to each. Failing in this, we must pursue such a modified course as will secure the greatest good to the greatest number. The teacher must be prepared to pursue any and all methods which commend themselves to his judgment. And while he may not be able to make anything he may choose out of any of his pupils, he must feel the obligation to do something for every one. He needs constantly to resist the temptation to make a display of his brighter pupils to the neglect of his less promising ones, and adapt his methods and means to meet the wants of his charge, rather than force them to suit his preconceived notions or favorite theories.

At the opening of the year, after repeated experiment with all the new pupils, sixteen of the thirty were selected as giving evidence of sufficient intelligence and ability to profit by instruction in articulation and lip-reading. These have been taught mainly according to Prof. Bell's system of visible speech. The result has fully proved the wisdom of the course, and we shall continue it. The remainder of the class were taught entirely by signs and writing, and seem to have made equal progress in learning.

In addition to the sixteen pupils mentioned above, twenty-four others from all the classes of the school have received daily instruction and drill in articulation.

The classes have been required to give, in turn, public exercises in the chapel once a week. At the close of the term — June 10 — all were subjected to a thorough written examination on the year's work. The papers were exhibited at the closing exercises here,

Superintendent's Report.

and also at the State Teachers' Association at La Crosse, August 9; and we were assured by many that they compared favorably with those of like grade from the public schools.

Two pupils, Warren Robinson, of Iowa county, and Frances Minert, of Green county, were awarded diplomas of graduation. Two pupils, Warren Robinson and Fred Stickle, of Walworth county, were recommended for admission to the National Deaf Mute College at Washington, D. C., where they have since entered creditably. We have now four students in the college; the two above named and Lars Larson, of Vernon county, and Harry Reed, of Winnebago county. It is a matter of gratification to us that their conduct and standing are such as to reflect credit upon the Institute and the state.

THE FIRE.

A little after eight o'clock on the morning of September 16, the alarm of fire was given. It was found to be well started under the roof of the main building, near the head of the spiral stair case, and at the base of the dome, where there was an excess of combustible material and draft, and beyond the reach of our means for extinguishing it. In a few minutes the whole of the upper part of the main building was in flames. The wind from the southwest carried the fire at once to the east wing, and it was evident that that part of the building could not be saved. For some time strenuous efforts were made to prevent the fire spreading to the west wing, and the laundry building on the north; but the unprotected connections made passages for the flames which all our means were insufficient to check. In two hours the whole building, — feet long and from 30 to 50 feet wide, with the laundry building, 45 to 70 feet, was in ruins.

Recognizing that a building constructed as this was, largely of wood, with five runs of stairs from bottom to top, would burn with great rapidity, should it ever catch fire, we have always exercised great precaution toward preventing such a calamity. All employes and pupils were instructed and cautioned, whenever occasion made it necessary. Pupils were not allowed to carry matches, nor were

Superintendent's Report.

they kept except in the private rooms and office. There was no fire in the main building, except at times in a small inclosed baker shop in the basement. There were no steam or gas pipes near where the fire originated. At the time of the fire, both steam and gas were shut off from the building. The wind from the southwest carried the smoke from the stack away from the building. It was known that our fire apparatus was insufficient to cover the dome. The proposition to purchase a steam pump was under consideration. Additional hose had recently been placed in different parts of the building, and such appliances as we had were in condition for service. Had the fire originated at a lower point, it might have been extinguished. I can only say that no satisfactory explanation of its origin has yet been reached.

It is gratifying to have this opportunity of acknowledging the readiness and efficiency with which the citizens of Delavan and vicinity came to our assistance. Much of the furniture and clothing of the inmates was saved, and all the pupils who could not be provided for in the buildings not burned, were taken to homes and well provided for till the temporary buildings were ready for them. So that by judiciously utilizing the shop building, gymnasium and woodhouse, repairing the laundry building, and erecting a two-story wooden building, 84x32 feet, we expect to be able to continue the work of the Institute with little serious interruption. It is due to those in your employ to say that so far not one of them has flinched from the greatly increased labors which this disaster has thrown upon them. All have cheerfully accepted the situation and been ready to assume their share of the hardship and inconvenience which has ensued.

The loss of the building is indeed a calamity, involving, as it does, largely increased expenditure of public money, and temporary embarrassment of the work. But it is possible to make it an ultimate advantage to the cause. The structure now in ruins was designed before the state knew the extent of the work she was undertaking, or the peculiar wants of those for whom she engaged to provide. Hence, it was not such as to best serve the purposes. The lessons since learned will enable you to construct far more ade-

Superintendent's Report.

quate and acceptable buildings, while, with the increased wealth of the state, the burden upon the taxpayer will be almost imperceptible. We are ready to believe that a few years will see a far superior structure in place of the one destroyed, and for all years to come this dependent class more richly benefited than could have been the case without this occurrence. We do not fear that the state, which is now rapidly coming to the front in the matter of public education, as well as in her provision for the care of her dependent population, will neglect the silent appeal of her three hundred deaf children, for whose benefit the special provisions of this institution are necessary. We, therefore, with confidence enter upon our

PLANS FOR THE FUTURE.

The statute provides that "all deaf and dumb residents of this state, of the age of ten years and under twenty-five years, of suitable capacity to receive instruction, shall be received and taught, free of charge." This, according to present estimate, gives us at least two hundred and fifty youth of age and condition to demand admittance. With the increase in population to be expected, this number will soon be three hundred. It devolves upon you, as trustees of this interest, to plan buildings necessary for carrying out this provision of the statute.

Most of the existing institutions of this country are built upon the compact plan, consisting mainly of one edifice. Recent study has called attention to the advantages of a segregated plan, composed of a number of separate houses. Of the former, I need not speak. Of the latter, I respectfully ask your attention to two plans herewith submitted. The first is a modification of that of Z. F. Westervelt, Superintendent of the Western New York Institute for Deaf Mutes, Rochester, N. Y. It consists of a system of "Homes," each sufficient for lodging thirty or forty pupils, with two or three teachers and a housekeeper, and a refectory and school-house for all.

The second plan is an accommodation between the compact and the segregated, avoiding, I believe, the worst features of both, and

Superintendent's Report.

securing the best. It consists of five distinct buildings, so designed and located as to form, with those already constructed, a symmetrical system of buildings, sufficient to meet all the wants of at least two hundred and fifty pupils and the requisite number of employees.

The central, or administration building, is ninety-six by fifty feet, three stories and basement. The first floor gives space for the usual public rooms; the second floor for the private rooms of the resident officers and teachers, and the third for dormitories for pupils. On either side of this, at a safe distance, are lodging houses for the pupils; one on the east for the girls, and one on the west for the boys. They are about fifty by one hundred feet, two stories and basement, and so divided as to afford complete accommodations for about seventy-five each. In the court thus partially inclosed is the dining hall, fifty by one hundred feet, also two stories and basement. To the east of the girls' lodging house is the school house, sixty or seventy feet by one hundred, two stories and mansard, giving sixteen school rooms, and an assembly room for three hundred and fifty persons.

The two lodging houses are connected with the central building by corridors, which afford not only safe passage, but room for the stairways, heating pipes, etc., and give a continued front of at least three hundred feet. If desirable, similar connections can be made with all the buildings. The whole should be constructed as nearly as possible fire-proof, of the most substantial material, and in the plainest style.

With such a system of buildings you will secure the two points of most importance—health and safety. The moving of the inmates from place to place during the day, will give opportunity for thorough ventilation; the separation will exclude from the living and school rooms the odors of the kitchen and laundry, and also render less probable any extensive conflagration; while the whole will promote order and efficiency by giving a distinct place for each department of the Institute.

Superintendent's Report.

INDUSTRIAL DEPARTMENT.

Twenty-two boys have been employed in the shoe shop; ten in the cabinet shop; and three boys and three girls in the printing office. All the work made in the shoe shop has met with ready sale at fair prices. Those in the cabinet shop have been busied mostly in repairs about the building and making of such furniture as was needed by the Institute. Those in the printing office, besides occasional job work, have issued every fortnight a small paper, the *Deaf-Mute Press*.

For financial statements I refer you to the reports of the foremen, herewith submitted. I am unable to give the proper detailed statement of the girls' work, from the fact that the record was destroyed in the recent fire. It was, in gross, the chamber and dining-room service for themselves and the boys, most of the ironing, and the mending and making of clothes, with the usual amount of fancy needlework.

ACKNOWLEDGMENTS.

The following newspapers and magazines have been sent to the Institute gratuitously or at reduced rates, for which the proprietors will please accept thanks. We respectfully solicit a continuance of their favors, and extend a like invitation to all within the state to do a *great kindness* at a *trifling* expense.

Harper's Bazar.

Harper's Monthly.

Harper's Weekly.

Gazette, Janesville, Wis.

Free Press, Beloit, Wis.

Enterprise, Union Grove, Wis.

Standard, Burlington, Wis.

Republican, Delavan, Wis.

Enterprise, Delavan, Wis.

Telegraph, Kenosha, Wis.

Independent, Elkhorn, Wis.

Wisconsin Chief, Fort Atkinson, Wis.

Superintendent's Report.

Der Herold, Milwaukee, Wis.
 Acker und Gartenbaum Zeitung, Milwaukee, Wis.
 Journal of Chemistry, Boston, Mass.
 Times, Brandon, Wis.
 Valley News, Lodi, Wis.
 Deaf Mute Chronicle, Ohio Institute.
 Daily News, Hartford, Conn.
 Deaf Mute Advance, Illinois Institute.
 Tablet, West Virginia Institute.
 Ranger, Texas Institute.
 Deaf Mute, Kentucky Institute.
 Mute Journal, Nebraska Institute.
 Deaf Mute Index, Colorado Institute.
 Star, Kansas Institute.
 The Educator, New York Institute.
 Deaf Mute Journal, Mexico, N. Y.
 Mirror, Michigan Institute.
 Goodson Gazette, Virginia Institute.
 Companion, Minnesota Institute.
 Early Dawn, Oshkosh, Wis.

We also acknowledge the favor of reduced fare to pupils coming to and going from school, on the Northwestern, Central, Western Union and Milwaukee and St. Paul railroads.

Apprehending that the ensuing year will be one of greatly increased labor and responsibility upon the part of all connected with the management of the Institute, I cannot close without expressing the earnest hope that we shall enjoy the favor and guidance of Divine Providence, and the co operation of all good citizens.

Respectfully submitted,

W. H. DE MOTTE,

Superintendent.

DEHAVAN, WIS., *September 30, 1879.*

Treasurer's Report.

TREASURER'S REPORT.

To the Board of Trustees of the Wisconsin Institute for the Education of the Deaf and Dumb:

GENTLEMEN — I herewith submit to you the annual report of the financial condition of the Institution for the year ending September 30, 1879:

1878.		
Oct. 1	Balance cash on hand	\$2,165 89
Oct. 1	Received from State Treasurer	2,500 00
Nov. 1	...do.....do	2,500 00
Dec. 1	...do....do	2,500 00
1879.		
Jan. 1	...do.....do	2,500 00
Feb. 1	...do.....do	2,500 00
Mar. 1	...do.....do	2,500 00
April 1	...do.....do	2,500 00
May 1	...do.....do	2,500 00
June 1	...do.....do	2,500 00
July 1	...do.....do	2,500 00
Aug. 1	...do.....do	2,500 00
Sept. 1	...do....do	2,500 00
	From shops and miscellaneous sources	1,224 35
	Total receipts.....	\$33,390 24

Cr.

By paid orders Nos. from 1 to 571, inclusive, herewith returned...	\$30,318 50
Balance on hand, September 30, 1879.....	\$3,071 74
Balance of appropriation 1879, in State Treasury	12,500 00

All of which is respectfully submitted.

HORACE LATHAM, *Treasurer.*

October 29, 1879.

Reports of Cabinet and Shoe Shops.

REPORT OF CABINET SHOP.

W. H. DE MOTTE, *Superintendent:*

Owing to the confusion and loss incident to the fire, I am unable to give a regular report of the cabinet shop. Work for the Institute during the year amounts to \$721.75.

Respectfully,

E. YOUNG,
Foreman.

REPORT OF SHOE SHOP.

W. H. DE MOTTE, *Superintendent:*

I herewith hand you a statement of the condition of the shoe shop for the year ending September 30, 1879.

To stock and material on hand, last report.....	\$604 09	.....
To leather and tools bought during the year.....	786 82	.....
To salary of foreman.....	600 00	.....
By cash sales.....		\$848 50
By indigent pupils.....		308 85
By stock and material now on hand.....		666 29
By work done for Institute.....		4 35
By balance		162 92
	\$1,990 91	\$1,990 91
To balance against shop.....		\$162 92

R. S. MINER,
Foreman.

Physician's Report.

PHYSICIAN'S REPORT.

To the Board of Trustees of the Wisconsin Institute for the Deaf and Dumb:

GENTLEMEN — I hereby have the honor to report to you the sanitary condition of the Deaf and Dumb Institute, with the number of cases treated the past year:

Tonsillitis	9
Stomatitis-ulcerative.....	2
Conjunctivitis simp	1
Conjunctivitis granular	1
Catarrhus simp.....	5
Pleuritis	1
Vomiting	2
Cephalgia	3
Tinea capitis.....	1
Tinea Tonsurans.....	2
Pertussis (whooping cough).....	5
Febris simp	9
Diphtheria	2
Blepharitis	1
Sprained ankle	1
Fever sore	1
Total.....	46

Of the above, the sickness has been of that mild character, that no pupil has been obliged to keep his bed more than three days. About a year ago, one boy came pale and emaciated, having four fistulous openings in the thigh (fever sores) and one in the arm; some of them existing for eight years. He was given tonics and liberal diet, and his improvement has been rapid. The sores which discharged largely are all healed but two, which discharge now but slightly. He has grown fleshy, ruddy and brown, and whereas at first he had some of the time to remain in the hospital and go upon crutches, he can now play as well as any of the boys.

While diphtheria existed to some extent in the village last fall, two mild cases (one boy and one girl) appeared at the Institute. They were immediately isolated, and that was the end of it. At the commencement of last school year, whooping cough appeared, probably brought from home. The same course of isolation was

Physician's Report.

pursued and it did not extend beyond five cases, confined to the girls' department, only two of which were of any severity.

Since the main building was destroyed by fire, if there has been any extra exposure there has been no increase in sickness, and there is no case of sickness at the present time. To the ever-watchful care of the Superintendent and Matron, with their assistants, combined with one of the most healthful locations in the state, must be attributed the remarkable freedom from disease of so large a family. The location, high and dry, well protected by shade and forest trees, supplied with pure spring water, is a sanitarium of itself.

Respectfully submitted,

H. D. BULLARD, M. D.,
Physician in Charge.

Catalogue of Pupils.

CATALOGUE OF PUPILS

During the year ending September 30, 1879.

Emily Althaus.....	West Bend	Washington.
Anna Althaus	West Bend	Washington.
Susan Andress.....	Auroraville	Waushara.
Dora E. Andrews	Keshena	Shawano.
William B. Andress.....	Jefferson	Jefferson.
Oscar Angelroth.....	Milwaukee	Milwaukee.
Lottie E. Bacon	White Creek	Adams.
Francis M. Bannister.....	Lone Rock.....	Richland.
Belle Bailey	Trimbelle	Pierce.
Kate Bailey	Trimbelle	Pierce.
Hiram Bailey	Trimbelle	Pierce.
Albert W. Beeman.....	Chilton	Calumet.
George F. Beeman.....	Argylle	La Fayette.
George Bevins.....	Lavalle	Sauk.
Anna B. Betscher.....	Centralia.....	Wood.
Albert Borngraeber.....	Mayville	Dodge.
Joseph Boyea	West Depere	Brown.
George Boyea	West Depere	Brown.
Israel Boyea	West Depere	Brown.
William E. Brown.....	Beetown	Grant.
Mary Ann Brown.....	Darlington	La Fayette.
John Bruns	Fond du Lac	Fond du Lac.
George E. Burton.....	Shopiere	Rock.
James E. Byrne	Juda.....	Green.
William A. Calkin	Baraboo.....	Sauk.
Loring P. Campbell.....	Depere	Brown.
Simon Carney	Benton	Kenosha.
Ida M. y Carpenter.....	Greenwood	Clark.
Alfred Cashman.....	Roberts	St. Croix.
Myron Clark	Fairchild	Eau Claire.
Fred. E. Coke	Brookfield Centre.....	Waukesha.
Ella Coke	Brookfield Centre.....	Waukesha.
William Coke.....	Brookfield Centre.....	Waukesha.
Fabien Conard	Robinsonville	Brown.
George Cordes	Baraboo.....	Sauk.
Kate Coughlin.....	Milwaukee	Milwaukee.
Ellen L. Cowham.....	Clemmansville	Winnebago.
James S. Cullen	Janesville	Rock.
Mary Curnaye.....	Two Rivers.....	Manitowoc.
William H. Cusack.....	Big Springs.....	Adams.
Josephine Dachaelt.....	Green Bay	Brown.
John D.ahl.....	Pigeon Falls	Trempealeau.
Oliver Danneau	Oconto.....	Oconto.
Elvira N. Derby.....	Whitewater	Walworth.
Helen Dewaezeger.....	Brussels	Door.
Nellie M. Dickson.....	Elk Mound	Dunn.
Hannah E. Dieter.....	Excelsior.....	Richland.
Joseph Drinkwine.....	Fond du Lac	Fond du Lac.
Ella C. Dudley	Neillsville	Clark.
Louisa Dumke	Neenah	Winnebago.
Mary E. Eberhart.....	Oak Dale.....	Monroe.
Martin Eberle	West Bend	Washington.

Catalogue of Pupils.

Abram Eernisse	Gibbsville	Sheboygan.
Charles E. Eldredge	Eau Claire	Eau Claire.
Gertrude English	Kilbourn	Columbia.
Edwin J. F-lk	Stettin	Marathon.
Francis W. Ferries	Tomah	Monroe.
Elmer L. Florey	Plymouth	Sheboygan.
Thomas Foy	Mendota	Dane.
Margaret Gabel	Darlington	La Fayette.
William E. Gallagher	Cottage Grove	Dane.
Albert F. Gerth	West Chester	Adams.
John Gibson	Eldorado	Fond du Lac.
William Gibson	West Depere	Brown.
Dennis S. Gorey	Magnolia	Rock.
Edwin A. Grabow	Kekoskee	Dodge.
Albert L. Genwis	Merton	Waukesha.
Augusta Gutzmen	Concord	Jefferson.
Wilhelmina Gutzmen	Concord	Jefferson.
Mary J. Hackett	Platteville	Grant.
Thomas Hagerty	Maple Grove	Manitowoc.
Mary Hagerty	Maple Grove	Manitowoc.
Hartvig C. Haraldson	Kilbourn	Columbia.
Kirten L. Haraldson	Kilbourn	Columbia.
Inger Haraldson	Kilbourn	Columbia.
Emily Harrington	Two Rivers	Manitowoc.
Fred. Haunschild	Gillmantou	Buffalo.
George A. Hebard	Waupaca	Waupaca.
Charles Heintz	Sturgeon Bay	Door.
Adron T. Henry	Big Foot	Walworth.
George A. Henry	Patch Grove	Grant.
Henry Helgeson	Angelica	Shawano.
Elizabeth Hessler	Spring Bluff	Adams.
Lilly A. S. Hibbard	Stetsonville	Taylor.
Violet A. C. Hibbard	Stetsonville	Taylor.
Emil Hirte	Fond du Lac	Fond du Lac.
John Hollenstein	Hartford	Washington.
Minnie Hollingsworth	Green Bay	Brown.
Eva L. Hubbard	Hyde's Mills	Iowa.
Arthur Huebner	West Bend	Washington.
Albert W. Hubner	Hubbeltown	Jefferson.
Arthur D. Hulbut	Loganville	Sauk.
John Jerome	Centralia	Wood.
Herbert L. Johnson	Milwaukee	Milwaukee.
Peter Jungles	Georgetown	Grant.
Gustav Karberg	Vanville	Chippewa.
George Kelly	Menasha	Winnebago.
Walter Kinlin	Waterloo	Jefferson.
Louis Kirchenlohr	Appleton	Outagamie.
John Kirk	Sharon	Walworth.
Christine Knippenberg	Janesville	Rock.
Henry G. Knoblock	Oshkosh	Winnebago.
John Kolbeck	Cato	Manitowoc.
Etta M. Koster	Ripon	Fond du Lac.
Lena Kruger	Waterloo	Jefferson.

Catalogue of Pupils.

Bertha Laabs.....	Milwaukee.....	Milwaukee.
William F. Lamp.....	McFarland.....	Dane.
Charles M. Larson.....	Mt. Morris.....	Waushara.
Christian Larson.....	Rio.....	Columbia.
Frederick E. Lau.....	Waukesha.....	Waukesha.
Albert E. Lees.....	Rising Sun.....	Crawford.
Otto Langner.....	Sheboygan Falls.....	Sheboygan.
Walter Lindman.....	Milwaukee.....	Milwaukee.
Christian Marburger.....	Norwalk.....	Monroe.
Ida Marburger.....	Norwalk.....	Monroe.
Anna M. Martzki.....	Ripon.....	Fond du Lac.
Maria E. Mead.....	Lone Rock.....	Richland.
Sarah Miller.....	Juda.....	Green.
Frances Minert.....	Albany.....	Green.
Lillie E. Morey.....	Appleton.....	Outagamie.
Frank Morrissey.....	Appleton.....	Outagamie.
Jacob Muller.....	Romeo.....	Marathon.
Elizabeth Muller.....	Romeo.....	Marathon.
Emma Munsch.....	Weyauwega.....	Waupaca.
Thomas Murray.....	Mauston.....	Juneau.
Karl Myers.....	Kilbourn.....	Columbia.
Theresa Neitzke.....	White Hall.....	Trempealeau.
Ernst W. Noeldner.....	Mayville.....	Dodge.
Belle Overton.....	Antioch.....	Kenosha.
Patt Padden.....	Erin.....	St. Croix.
Carrie A. Parker.....	Romeo.....	Marathon.
Myra E. Parker.....	Romeo.....	Marathon.
Amanda Pearson.....	Plymouth.....	Sheboygan.
Clara Bell Pearse.....	Whitewater.....	Walworth.
Winnifred Pellett.....	Koshkonong.....	Rock.
Egnitz Peplenski.....	Milwaukee.....	Milwaukee.
Josephine Peterson.....	West Salem.....	La Crosse.
Adam Prehn.....	Newton.....	Manitowoc.
Bernard F. M. Procknow.....	Oakwood.....	Milwaukee.
Rosa Prohaski.....	Milwaukee.....	Milwaukee.
Austin W. Riggs.....	Delavan.....	Walworth.
John F. Riley.....	Montello.....	Marquette.
Frank W. Riley.....	Milwaukee.....	Milwaukee.
Celinda Rinder.....	Milwaukee.....	Milwaukee.
Evaline M. Ringrose.....	Humbird.....	Clark.
Warren Robinson.....	Adamsville.....	Iowa.
Emma Rossman.....	Whitewater.....	Walworth.
Benjamin Round.....	Jeddo.....	Marquette.
Stanislaus Sass.....	Stevens Point.....	Portage.
Antonia Sass.....	Stevens Point.....	Portage.
Emma Schiller.....	Green Bay.....	Brown.
Michael Schlachter.....	Sheboygan.....	Sheboygan.
Otto Schnoor.....	Oshkosh.....	Winnebago.
Walter Schuster.....	Middleton.....	Dane.
Charles W. Scott.....	Brothertown.....	Calumet.
Laura Sell.....	Milwaukee.....	Milwaukee.
Rachel Shepherd.....	Georgetown.....	Grant.
Margaret Smith.....	Kenosha.....	Kenosha.
August F. Sonnenburg.....	Newtonburg.....	Manitowoc.

Catalogue of Pupils.

Fred Stickles	Delavan	Walworth.
Kazmiss Stobaski.....	Arcadia	Trempealeau.
Helen V. Sylvester.....	Arkansaw	Pepin.
Samuel J. Taylor	Mortfort	Grant.
Elmer Taylor.....	Pedee	Green.
Clara Thibore	Brussels	Door.
Tomena Togerson.....	Ontario	Vernon.
Caroline Town.....	Princeton	Green Lake.
Charles Truax.....	Jenny	Lincoln.
Ralph Udall.....	Lyons	Walworth.
Joseph Wachuta.....	Prairie du Chien.....	Crawford.
Claude A. Wakefield.....	Kenosha	Kenosha.
Henry E. Wakeman.....	Marshall	Dane.
Eugene Waterland.....	Platteville	Grant.
Gustav Weigman	Mayville	Dodge.
Americus E. Weller.....	Sheboygan	Sheboygan.
John White	Mazomanie.....	Dane.
Cynthia L. Williams	Ontario	Vernon.
Robbie T. Williams.....	Darlington	La Fayette.
Lydia Williams.....	Beloit	Rock.
Julia Woiczik.....	Arcadia	Trempealeau.
Walter J. Wood.....	Durand	Pepin.
Ruth Wright	Leroy	Dodge.
Catharine Wrin.....	Hartford	Washington.
Amelia Zastrow.....	Hortonville.....	Outagamie.

	Boys.	Girls.	Total.
On roll October 1, 1878.....	93	73	166
Admitted since	23	11	34
Total.....	116	84	200
Discharged and removed.....	11	2	13
On roll October 1, 1879.....	105	82	187
Temporarily absent.....	18	21	39
Present at date of fire	87	61	148
Sent home on account of fire	17	9	26
Present October 1, 1879.....	70	52	122

Admission of Pupils.

ADMISSION OF PUPILS.

The Wisconsin Institute for the Education of the Deaf and Dumb is located at Delavan, Walworth County, on the Western Union Railroad.

It is a *school* for the education of the children and youth of the state, who, on account of *deafness*, cannot be instructed in the common school.

The law provides that all deaf and dumb residents of this state, of the age of ten years, and under twenty-five years, of suitable capacity to receive instruction, shall be received and taught free of charge. The only time in the year for admission is the beginning of the term, on the first Wednesday of September. The term closes in June. There is no winter vacation.

No person of imbecile or unsound mind will knowingly be admitted; and such, if received, will be discharged on discovery that he cannot be instructed by means of the methods here employed.

All applicants must be free from immoralities of conduct, and from offensive or contagious diseases.

There is no charge for children of the state for board or tuition, but their friends are expected to pay traveling and incidental expenses, and to supply clothing — a sufficient supply of which should be furnished at the beginning of the school year, or be sent by express, as needed. Ordinary mending is done at the Institute, but the making of garments is no part of its work. Every garment should be distinctly marked with the owner's name. A sum of money, not less than five dollars, should be deposited with the superintendent, at the beginning of the school year, for incidental expenses.

All letters respecting applicants should be addressed to the su-

Admission of Pupils.

perintendent, to whom money should be sent by draft or post-office order.

All letters and express packages for the pupils should be marked "Institute for the Deaf and Dumb." Express matter should be prepaid.

Any person knowing of deaf-mute children or youth, not in school, may confer a great blessing upon them, by sending their names and the address of their parents, to the Superintendent of the Institute for the Deaf and Dumb, Delavan, Wisconsin.

FORM OF APPLICATION.

1. Full name of deaf-mute.
2. Date of birth.
3. Place of birth.
4. Names of parents.
 - Father.
 - Mother.
5. Residence of parents.
 - Town.
 - County.
 - Post-office.
 - Nearest railroad station.
6. Occupation of father or mother.
7. Nationality of parents.
8. Was the child born deaf?
 - Or, what was the cause of deafness?
 - At what age?
9. Is deafness total, or partial?
10. What is the general health?
11. Is there any imbecility or idiocy?
12. Has it had the Small-pox?
 - Mumps?
 - Measles?
 - Whooping cough?
13. Are any of the family connections deaf?

Admission of Pupils — By-Laws.

14. Were the parents related before marriage?
15. Names of all the children in the order of age.
Signature of parent or other person making application.
Post-office address.

This form, when filled and signed, should be sent to

W. H. DE MOTTE,
Superintendent, Institute for Deaf and Dumb,
Delavan, Walworth County, Wisconsin.

BY-LAWS.

TRUSTEES.

The regular meeting of the board of trustees shall be held at the Institute, as follows:

1. The annual meeting on the first Wednesday of May, at which time they shall elect by ballot, a president, an executive committee of two, and a treasurer, from their own number, also a secretary, who may or may not be of their own number.
2. A meeting at the close of the school term in June, for the appointment of officers and the fixing of salaries; for determining the repairs and improvements during vacation, and for the consideration of such other matters as demand attention for the ensuing year.
3. A meeting on the third Wednesday of October, at which they shall examine the accounts for the fiscal year ended, make estimates for the legislative appropriations, and prepare to report to the governor of the state the condition and wants of the Institute.

The president or two members of the board may call special meetings. A majority of the trustees shall constitute a quorum, and have power, in case of a vacancy, to elect any officer of the Institute.

By-Laws.

THE EXECUTIVE COMMITTEE.

The executive committee shall have the general oversight of the Institute, in accordance with the regulations of the board, during the intervals of its meeting, convene monthly for the auditing of accounts, examination of the premises, estimating expenses, and conference with the principal concerning the welfare of the Institute.

THE TREASURER.

The treasurer shall give bonds yearly, to be approved by the board of trustees, for the faithful discharge of his duties, in such sum as they may determine. He shall draw from the state treasurer, on warrant signed by the president and secretary of the board, all moneys appropriated for the Institute. From funds in his keeping, he shall pay orders issued by the secretary and countersigned by one member of the executive committee, keeping a record thereof. At the board meeting in October, and at other times when required, he shall present a full statement of his accounts with the Institute.

THE SECRETARY.

The secretary shall make a full and accurate record of the proceedings of the board, notify its members of regular and of special meetings, sign orders on the state treasurer, making a minute of the same on the records of the board, and present to the governor the annual report of the trustees. He shall also act as secretary of the executive committee, recording their actions for examination by the board, and keeping a list of all bills audited by the committee.

SUPERINTENDENT.

The superintendent shall reside in the Institute, and be the chief executive in all its departments, carrying out the regulations of the board of trustees.

Subject to the approval of the board, he may make such rules as he may deem best for the general good; assign to the teachers pupils for instruction or supervision, and define the duties of each pertaining to the school room, study or chapel; he shall prescribe the

By-Laws.

course and method of instruction, the text-books and apparatus to be employed in teaching, and the kind and degree of discipline to be enforced. He shall direct the matron in domestic or supervisory duties. He shall seek the improvement — physical, mental and moral — of the pupils, inculcating religious truth and right principles, yet avoiding the expression of denominational preference.

He shall employ such persons, not specified as officers of the Institute, as are necessary for its efficient, yet economical management in each department, fix their wages and dismiss them for good cause.

He shall keep full records of the administration of the Institute, its members, teachers, and pupils, in a form to exhibit its condition and to indicate the steps of its developing history and its accomplished results.

He shall oversee and direct in making the necessary ordinary purchases, and see that a definite account of the same be presented monthly to the executive committee, referring all extraordinary items to the trustees for their approval before purchasing.

He shall be prepared to state to the board, at any meeting, the condition of the Institute, and at the meeting in October, present a written report.

Between the meetings of the board he shall advise with the executive committee.

TEACHERS.

The teachers shall be appointed by the board of trustees, on consultation with the superintendent. They shall instruct the pupils under the direction of the superintendent, and perform such other duties connected with the other departments of instruction and supervision as he may from time to time require.

They shall attend the daily devotions, and take such part in the religious instruction of the pupils as may be assigned them by the superintendent.

MATRON.

The matron shall be appointed by the board, on consultation with the superintendent, and shall have charge of the female pupils out

By-Laws.

of the school hours, and a general superintendence of the domestic affairs of the Institute, under direction of the superintendent.

PHYSICIAN.

The physician shall be elected annually by the board. He shall visit the Institute when notified; shall prescribe for the sick; shall look carefully to the sanitary condition of the Institute and its surroundings; and faithfully perform all the duties in the line of his profession. He shall report the condition of his department at each regular meeting of the trustees, and at such other times as he may deem necessary, or the board may require.

MASTER MECHANICS.

The master mechanics shall be appointed by the board, on consultation with the superintendent, and shall have charge of the shops, and the supervision and instruction of the pupils assigned to them, in their respective trades, and perform such labor in the line of their occupation as may be required of them, and report to the superintendent the condition of their shops, when he shall require.

PUPILS.

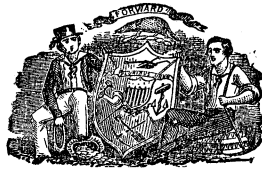
Pupils shall be received and dismissed only by the superintendent, with the sanction of the executive committee.

Every pupil who has not been vaccinated, before being received into the Institute, shall be vaccinated without delay.

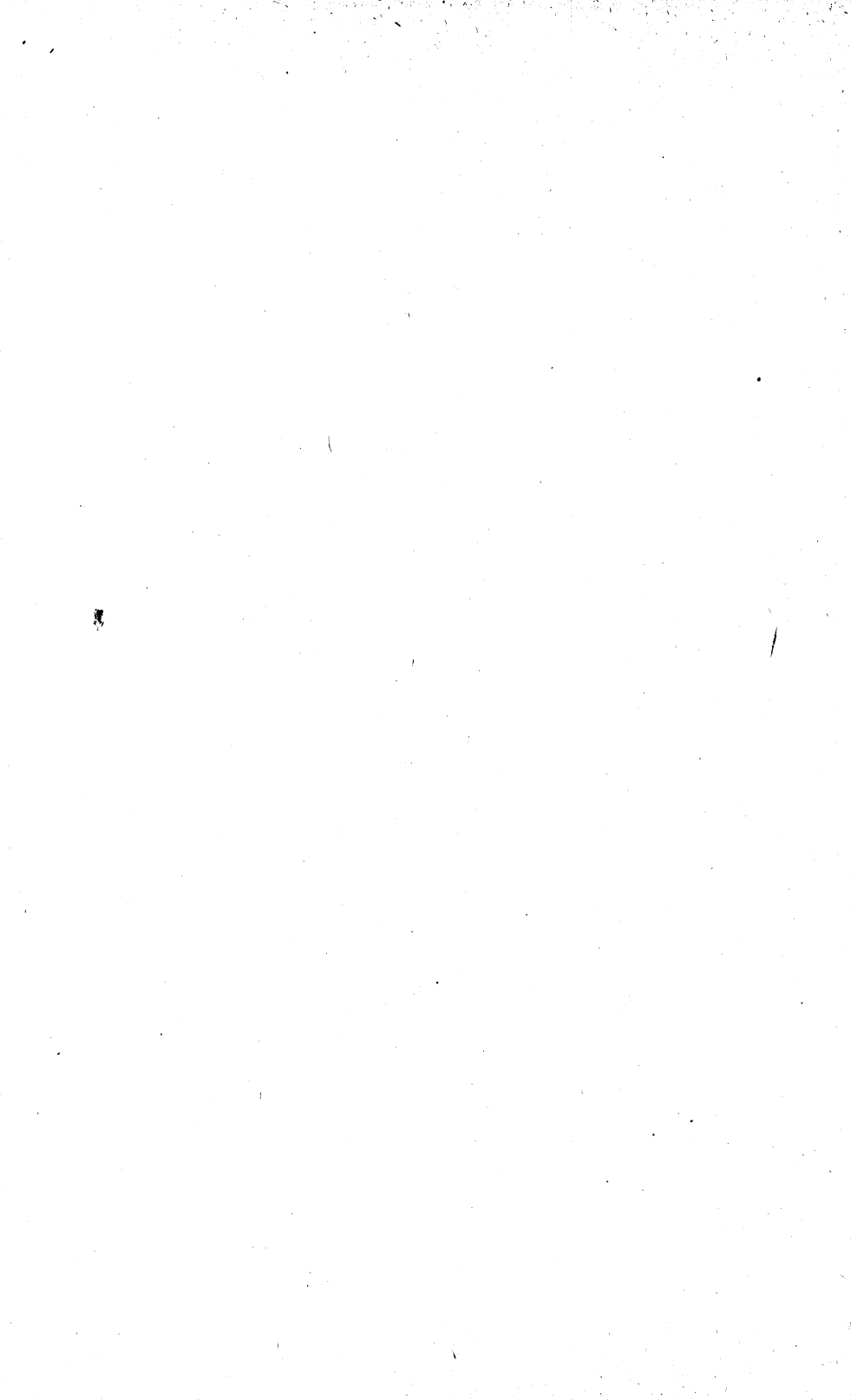
Pupils honorably dismissed from the Institute shall receive a certificate signed by the president and secretary.

Pupils shall not be allowed to retain any pocket money, but on admission shall deliver the same to the superintendent, who shall cause it to be credited on his books, and returned in such sums as he may deem advisable, the object for which it is furnished being specified.

ANNUAL REPORT
OF THE
DIRECTORS AND WARDEN
OF THE
WISCONSIN STATE PRISON
FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 1879.



MADISON, WIS.:
DAVID ATWOOD, STATE PRINTER.
1879.



WISCONSIN STATE PRISON.

DIRECTORS' REPORT.

WAUPUN, October 1, 1879.

To WILLIAM E. SMITH,

Governor of the State of Wisconsin:

SIR:—In compliance with law, we, the directors of this prison, herewith transmit the annual reports of the Warden, Chaplain and Physician of the prison for the fiscal year ending September 30, 1879, and make our annual report for the same year, of the officers and other concerns of the prison, as follows:

OFFICERS.

NELSON DEWEY, Director, term expires first Monday in January, 1880.

GEO. W. BURCHARD, Director, term expires first Monday in January, 1882.

HOWARD M. KUTHCHIN, Director, term expires first Monday in January, 1884.

The salary of the Directors is three dollars per day, for actual services, and necessary traveling expenses.

H. N. Smith.....	Warden	Salary, \$2,000 00 a yr.
Alex. White.....	Deputy Warden.....	Salary, 1,000 00 a yr.
Dr. H. Butterfield...	Physician	Salary, 400 00 a yr.
Jacob Fuss.....	Clerk.....	Salary, 1,000 00 a yr.
Henry Brooks.....	Turnkey.....	Salary, 60 00 a mo.
A. Bogar.....	Foreman wagon shop	Salary, 60 00 a mo.
D. C. Reynolds	Keeper shoe shop No. 1 and 2	Salary, 45 00 a mo.
David Harris.....	Keeper shoe shop No. 3	Salary, 45 00 a mo.
S. S. Ormsbee	Keeper shoe shop No. 4 and 5	Salary, 45 00 a mo.
Matt White.....	Keeper shoe shop No. 6	Salary, 45 00 a mo.
Silas Warren	Keeper shoe shop No. 7. ...	Salary, 45 00 a mo.
C. S. Gilman	Overseer prisoners' kitchen..	Salary, 45 00 a mo.

Directors' Report.

W. H. Clay.....	Night guard in cellroom	Salary,	45 00 a mo.
T. Colvin	Night guard in cellroom	Salary,	45 00 a mo.
W. H. Ferris	Night guard in office.....	Salary,	45 00 a mo.
James McEwen	Night guard in shops	Salary,	45 00 a mo.
James McDonald ...	Day guard in office.....	Salary,	30 00 a mo.
James Hillyer.....	Day guard in office	Salary,	30 00 a mo.
J. H. Heath	Guard on wall	Salary,	30 00 a mo.
G. B. Rowels	Guard on wall	Salary,	30 00 a mo.
Corn. Hallam	Guard on wall	Salary,	30 00 a mo.
Julius Gudden.....	Guard on wall	Salary,	30 00 a mo.
John Irving.....	Keeper front gate	Salary,	30 00 a mo.
Miss E. Moran.....	Overseer officers' kitchen....	Salary,	20 00 a mo.
Miss S. A. Henry ...	Matron female department ..	Salary,	20 00 a mo.

CONVICTS.

The whole number of convicts confined

September 30, 1878, was	346
Received during the year.....	130
Total.....	<u>476</u>
Discharged and died during the year	167
In confinement September 30, 1879.....	<u>309</u>
In confinement September 30, 1878.....	346
September 30, 1877	290
September 30, 1876	266
September 30, 1875	248
September 30, 1874	230
September 30, 1873	<u>180</u>

Average number confined for the year ending

September 30, 1879.....	328
September 30, 1878.....	337
September 30, 1877.....	290
September 30, 1876.....	261
September 30, 1875.....	240
September 30, 1874.....	<u>203</u>

Of convicts received during the year there were of

First convictions.....	110
Second convictions	16
Third convictions.....	2
Fourth conviction.....	1
Seventh conviction.....	1
Total.....	<u>130</u>

Directors' Report.

Strictly temperate.....	27
Intemperate.....	67
Occasional or moderate drinkers.....	36
Total.....	130
Could neither read nor write.....	17
Could read but not write.....	7
Could read and write.....	99
Could read and write German.....	6
Could read and write both.....	1
Total.....	130

TERMS OF SENTENCE.

During life.....	5	Four years.....	11
Eleven years.....	1	Three years and six months....	1
Ten years.....	2	Three years.....	12
Nine years.....	1	Two years and six months.....	1
Eight years.....	1	Two years.....	26
Seven years.....	2	One year and six months.....	6
Five years.....	6	One year and one day.....	1
Four years and six months.....	2	One year.....	50
Four years and three months....	1	Six months.....	1
Total.....			130

The present prison population was received in the several years as follows:

1857.....	1	1867.....	2	1874.....	8
1860.....	1	1868.....	5	1875.....	14
1862.....	1	1869.....	2	1876.....	22
1863.....	2	1870.....	2	1877.....	48
1865.....	3	1871.....	5	1878.....	108
1866.....	1	1872.....	6	1879.....	78
Total.....					309

PHYSICAL CHARACTERISTICS.

Insane, violent.....	5
Insane, mild.....	7
Superannuated.....	5
Partially disabled.....	5
Diseased.....	18
Able bodied.....	262
Females (1 insane, mild; 1 disabled).....	7
Total.....	309

Directors' Report.

EMPLOYMENT.

Under contract ..	225
Wagon, blacksmith and other shops ..	13
Wash house.....	6
Tailor and mending shops.....	7
Kitchens	9
Farm and yard.....	5
Tiertenders and barber.....	6
Miscellaneous	11
Not employed, old, insane, sick and in cells.....	20
Females.....	7
Total:	309

RECORD.

First conviction	267	Under 20 years of age.....	21
Second conviction	28	From 20 to 30 years.....	147
Third conviction	10	From 30 to 40 years.....	65
Fourth conviction	2	From 40 to 60 years.....	56
Seventh conviction.....	1	Over 60 years.....	20
Eighth conviction	1		
	<u>309</u>		<u>309</u>

LIFE CONVICTS.

In view of the renewed discussion, concerning the proper punishment for murder in the first degree, we have deemed it proper to collate the statistics relative to convicts sentenced to confinement in this prison for life.

The total number of life prisoners received from the organization of the prison to September 30, 1879, was 97, as follows:

Convicted of murder.....	54
Convicted of murder in the first degree	29
Convicted of murder in the second degree.....	11
Convicted of rape.....	2
Convicted of desertion	1
Total:	97

Of this number, there have been discharged by

Governors' pardon	31	..
Order of court.....	8	..
Order of secretary of war.....	1	..
Removal to insane asylum.....	3	..
Died	6	..
Total	49	—
Remaining in prison	48	==

Directors' Report.

Of those discharged by reason of pardon the longest term served was seventeen years, the shortest two years and nine months, and the average seven years and nine months. The first pardon to a life convict was issued in 1854, and the last in 1875.

The directors, as such, do not consider it as within their province to engage in the discussion as to whether capital punishment shall be revived. It is apparent, however, that if there has been an increase in the crime of murder during the past year, such increase cannot be attributed, even indirectly, to the pardon of life convicts, or to any just or correct appreciation of the indescribable horrors and agony incident to imprisonment for life. The condition of most of our life members is deplorable to the last degree. Not a few of them are hopelessly insane, but insanity even, brings them no "surcease of sorrow." However wild their delusions may be on other subjects, they never fail to appreciate the fact that they are prisoners. Others, not yet classed as insane, as year by year goes by, give only too conclusive evidence that reason is becoming unsettled. The terribleness of a life sentence must be seen to be appreciated—seen, too, not for a day or a week, but for a term of years. Quite a number of young men have been committed to this prison, in recent years, under sentence for life. Past experience leads us to expect that some of them will become insane in less than ten years, and all of them, who live, in less than twenty. Many of them will doubtless live much longer than twenty years, strong and vigorous in body, perhaps, but complete wrecks in mind. May it therefore not be worthy of legislative consideration, whether life sentences should not be abolished and long but definite terms substituted therefor, and thus leave some faint glimmer of hope for even the greatest criminals?

MANUFACTURES.

The warden's report will furnish all the information under this head necessary to a correct understanding of this branch of the business of the prison. The only goods manufactured by the prison during the year have been wagons, to work up the material on hand, at which a few convicts have been employed during the year. A

Directors' Report.

few convicts have also been employed in finishing that portion of the north cell room began in the year ending September 30, 1878.

Of the total number of days spent in productive labor during the year, there is charged to

Wagon and blacksmith shop.....	1,643	
Work on north cell room.....	1,850	
General repairs.....	1,117	
Contractors.....	73,866	
Engine and boilers.....	626	
		<hr/>
Total number of days spent in prison during the year.....	119,782	
Number of days lost time, on account of Sundays, sickness, etc.....	24,450	.....
Number of days spent in labor not directly productive.....	16,230	.....
Number of days spent in productive labor.....	79,102	.....
		<hr/>
		119,782
		<hr/>

Under the provisions of section 4942, of the revised statutes of 1878, we allowed to Jacob Clear, a life convict, a compensation of twenty-five dollars in money for continued good behavior and extra diligence in labor, far surpassing the general average of convicts.

VISITORS.

The Warden, on the 17th day of September, 1879, issued an order discontinuing the general practice of conducting women and children through the prison work shops, which took effect October 1, 1879. This order meets the entire approval of the Directors. Other parts of the prison are allowed to be visited by women and children.

ASSETS.

The inventories of prison property for September 30, 1877, Sept. 30, 1878, and Sept. 30, 1879, show the following summaries. The cash funds in the prison treasury, Sept. 30, 1879, are invested and deposited as follows:

Amount invested in United States four per cent. bonds, purchased September 30, 1878, and which bring an income of \$240 interest to the prison treasury, and is accounted for in the warden's account of cash receipts.....	\$6,000 00
Amount deposited in First National Bank, in Milwaukee, on call, without interest.....	2,292 16
Amount deposited in George Fess & Co.'s Bank, in Waupun, on call, without interest.....	2,473 15
Amount in prison office.....	325 13
	<hr/>
Total cash [funds.....	\$11,090 44
	<hr/>

Directors' Report.

	1877.	1878.	1879.
Cash funds on hand.....	\$46 23	\$11,654 45	\$11,090 44
Bills receivable and accounts.....	22,750 54	15,692 30	10,761 48
Due from United States.....	1,209 88	510 62	500 58
Due from blind asylum.....	123 42	123 42	123 42
Due from Corn Exchange Bank.....	9,631 07	.....	.....
Goods and materials for sale and use.	62,106 62	30,698 03	19,573 52
Machinery and tools.....	28,206 48	25,999 55	24,770 46
Furniture and miscellaneous goods, not in use.....	13,215 12	13,565 90	13,611 33
Land in Sioux City, taken in payment for wagons.....	.....	600 00	600 00
Total.....	\$137,289 36	\$98,844 27	\$81,031 23
Liabilities.....	6,412 75	706 68	221 21
Net available assets.....	\$130,876 61	\$98,137 59	\$80,810 02
Decrease in net assets during the year ending September 30, 1879.....	.....	.....	\$17,327 57

Which is the net cost of the prison to the state for the last fiscal year, after deducting for depreciation in value of machinery, stock and furniture on hand, as per warden's report.

Included in the sum of.....	\$17,327 57
As the net cost to the State of the prison are the sums for permanent improvements and structures, in finishing 208 cells in the north cellroom, commenced in the last fiscal year, which sum was expended in money and prison labor and property.....	\$3,069 09
Arbitrary reduction in invoice of machinery and tools.....	736 96 3,806 05
Leaving a balance to proper current expense account of.....	\$13,521 52

Directors' Report.

COMPARATIVE STATEMENT

For the fiscal years ending September 30, 1877, 1878 and 1879.

	1877.	1878.	1879.
Total cost to feed, warm, clothe, guard, instruct and superintend the prisoners exclusive of expenses connected with manufacturing.....	\$39,841 63	\$42,229 86	\$40,270 08
Average cost per year per man.....	137 05	125 21	122 77
Average cost per week.....	2 63 $\frac{1}{2}$	2 41	2 36
Total number of days spent in confinement.....	105,823	123,078	119,732
Total number of days spent in productive labor.....	60,649	74,099	79,102
Amount of earnings per day of productive labor, necessary to render the prison self supporting.....	63 $\frac{2}{3}$	57	51
COST OF OFFICERS SUBSISTENCE			
Each per year			88 37 $\frac{3}{4}$
Each per week.....			1 70
COST OF PRISONERS SUBSISTENCE			
Each per year			36 34 $\frac{1}{2}$
Each per week			69 $\frac{3}{4}$

The Directors have observed with much regret, that the erroneous impression has obtained in many minds, that this prison is self-supporting. Nothing that we have said or omitted to say, is calculated to convey such an impression. It is true, that no appropriations have been made or asked for, for two years past, and that none will be required for the year to come, but we have been using meantime, an accumulated capital, represented by stock on hand, manufactured goods and accounts, to make good the difference between current earnings and current expenses. With a decreasing number of convicts, constant additions to our list of "old and disabled," and increased cost of supplies, it is altogether improbable, that we can reach Sept. 30, 1881, without an appropriation.

Apart from all pecuniary considerations we believe it to be un-

Directors' Report.

sound in theory and unwise in practice to sentence offenders to long terms in county jails. It is in our judgment much better for them and for society, that they should be sent to some place where they can be furnished continuous employment. Previous to the revision of the statutes, larceny of any sum exceeding twenty dollars was punished by confinement in the state prison; but now larcenies of less than one hundred dollars are to be punished by confinement in county jails not more than one year. This has resulted in largely decreasing the number of convicts and consequently the income from prison labor.

RECEIPTS AND DISBURSEMENTS.

The receipts from all sources during the fiscal year are as follows:

From balance	11,654 45
convict labor	29,141 76
collections and sales.....	13,813 13
miscellaneous sources.....	3,664 34
	\$58,273 68

THE DISBURSEMENTS.

For newspapers, amusements, stationery and advertising	\$175 53	.....
drugs and medicines	260 73	.....
live st ck, forage, carriage	674 97	.....
fuel, lights and laundry	4,011 35	.....
house and cell furnishing	587 85	.....
manufacturing material.....	2,116 45	.....
tailor and shoe-shops.....	3,545 47	.....
tobacco.....	195 92	.....
repairs and north cellroom.....	2,378 50	.....
convicts discharged.....	815 00	.....
salaries and wages	15,535 75	.....
subsistence	14,367 02	.....
indebtedness.....	711 19	.....
miscellaneous purposes	1,807 51	.....
	47,183 24	
Balance on hand, Oct. 1, 1879... ..	\$11,090 44	

PRISON LIBRARY.

There has not been any change in the number of volumes in the prison library during the past fiscal year; the number of volumes is 740. We refer to Chaplain Tasker's report for the details relating to it.

Directors' Report.

CONVICT LABOR CONTRACT.

The contract of the prison authorities with M. D. Wells & Co., of Chicago, boot and shoe manufacturers, for all of the convict labor, at 40 cents for every $9\frac{3}{4}$ hours labor performed by the convicts for that firm, is still in force, and will not expire until December 31, 1882. This contract has thus far proved entirely satisfactory to the warden and directors of this prison, and the relations between the prison authorities and M. D. Wells & Co. are entirely harmonious and satisfactory. M. D. Wells & Co. have paid for all the labor performed for them on the day it became due and payable.

RECOMMENDATIONS.

The Directors urgently press upon the attention of the Governor and Legislature the recommendations contained in their last annual report, and hope some legislative action may be had to carry out the views therein expressed, which are as follows:

“The inequality of sentences; the folly of discharging prisoners, who are morally certain to return to criminal practices; the impossibility of determining at the trial—and particularly in cases where there is a plea of guilty—all the details and circumstances of the crime, and the previous character and habits of the criminal—these, and other considerations, which may be more appropriately urged before a committee of the legislature, than in a report for general circulation, seem to us to demand a modification of existing laws in regard to the terms of sentences.

“*Good Time Law.*—The propriety of enlarging the scope of the good time law, so that there may be cumulative rewards to long term convicts for continued good conduct, seems to us so manifest and axiomatic, that argument therefor is unnecessary. Not the least of the purposes to be subserved by imprisonment is the acquisition of habits of industry and self control, and no motive appeals more persuasively to a prisoner, than the hope of earning a diminution of the term of his prospective imprisonment. Five days per month is ample for the first and second years, but for

Directors' Report.

longer terms the rewards for good conduct might very profitably be largely increased."

“ Discharged Prisoners.— We most gladly welcome the advent of the Wisconsin Prisoners' Aid Association, and fully approving all that the Warden says in this behalf in his report, we renew our recommendation of last year, that the Warden, at his discretion, and as necessity may require, may furnish in addition to the clothing and money now provided for, transportation to any place within the state.”

The directors call your attention and that of the legislature, to the recommendations contained in the Warden's report, and urge such legislation as may be deemed proper, relating to the subjects therein referred to.

The directors, in conclusion, further report that the administration of prison affairs by Warden Smith, is entitled to very generous commendation; that Deputy Warden White and Clerk Fuss have properly and faithfully discharged their duties as such officers, and that the subordinate officers and employees of the prison have also generally performed their duties well and to our satisfaction. All of which is respectfully submitted.

NELSON DEWEY,
GEO. W. BURCHARD,
H. M. KUTCHIN,

Directors.

Warden's Report.

WARDEN'S REPORT.

OFFICE OF WISCONSIN STATE PRISON,

WAUPUN, *October 1, 1879.*

TO NELSON DEWEY, G. W. BURCHARD, H. M. KUTCHIN,
Directors of Wisconsin State Prison.

I herewith respectfully submit my *sixth annual report*, for the fiscal year ending Sept. 30th. No startling events have occurred during the year; no escapes; no alarming sickness; only one death, that of C. C. Boyd, who came here October 19, 1878, from Green county, suffering with cancer of the stomach; died February 14, 1879.

Our fiscal year began with \$11,654.45 cash on hand; this with the earnings and receipts from other sources, as will be stated in detail, has enabled me to pay all the current expenses of the prison, together with the ordinary repairs, \$668.54, and \$3,069.09 expended in finishing 208 cells in the north wing, and still leave a balance of \$11,090.44 cash on hand at the end of the year.

The earnings from the leased labor and sales from wagon shop and collections, with the cash on hand, are believed to be sufficient for the current expenses and ordinary repairs for the year ending September 30, 1880.

The statistical report, prepared with great labor by Mr. Jacob Fuss, who has faithfully performed all the duties of prison clerk for five and a half years, will contain some new and interesting features.

- Table No. 1. Number received and discharged during the year.
2. Whole number of days spent in prison.
 3. Summary of prisoners received during the year.
 4. Prisoners discharged.
 5. Prison population.
 6. Life members in prison.

Warden's Report.

Table No. 7. Number discharged from January 1, 1866, to date, including per cent. of pardons.

8. Characteristics of prisoners received since the organization of the prison.
9. Prison statistics, since organization of the prison.
10. Maximum and minimum of terms fixed by law, also maximum and minimum of sentences pronounced by courts for the year ending September 30, 1879.

The receipts and disbursements have been as follows, as per detailed statement "A":

RECEIPTS.

Balance on hand October 1, 1878.....		\$11,654 45
Received of M. D. Wells & Co., contractors.....		29,141 76
Received from United States for care of U. S. convicts.....	\$994 65	
Received from visitors.....	527 00	
Received for boarding of officers' families.....	166 27	
		<u>1,687 92</u>
Received on account of sales		
From chair shop.....	\$5,137 55	
wagon shop.....	6,797 31	
tailor shop.....	9 78	
shoe shop.....	7 15	
stone shop.....	23 45	
blacksmith shop.....	54 52	
		<u>12,029 76</u>
Received for lumber sold.....	\$1,493 37	
Received for machinery sold.....	290 00	
		<u>1,783 37</u>
Received of officers for uniform cloth.....		256 35
Received for interest.....	\$128 91	
Received for coupons on U. S. bonds.....	240 00	
		<u>368 91</u>
Received from convicts on deposit.....		100 00
Received of W. Hobkirk for release of his personal liabilities on account of debts owing the prison from Corn Exchange bank.....		968 11
All other receipts—		
old iron and copper.....	\$57 61	
live stock, \$39.50; bones, \$27.....	66 50	
wood, \$7.06; gaspipe, \$12.92.....	19 98	
empty barrels, \$35.10; rags, \$44.13.....	79 23	
subsistence, \$19.52; register, \$1.50.....	21 02	
soap, \$1.60; repairs and material, \$37.11....	38 71	
		<u>283 05</u>
Total receipts.....		<u><u>\$58,273 68</u></u>

Warden's Report.

DISBURSEMENTS.

Religion and means of instruction.....		\$122 77
Amusements.....	\$15 11	
Newspapers.....	75 01	
Advertising and printing.....	75 85	
Stationery.....	9 56	
		<hr/> 175 53
Drugs and medicines.....		260 73
Forage, and bedding for convicts.....	466 16	
Barn tools, etc.....	11 40	
Carriage.....	120 00	
Tools, seeds and plants.....	77 41	
		<hr/> 674 97
Fuel.....	3,303 28	
Lights.....	547 83	
Laundry.....	160 23	
		<hr/> 4,011 35
Housefurnishing, including kitchen and cell room.....		587 85
Hardware.....	148 28	
Machinery and tools.....	172 87	
Paints and oils.....	327 03	
		<hr/> 648 18
Cloth for uniforms of officers.....	873 50	
Tailorshop.....	2,763 11	
Shoeshop.....	408 86	
		<hr/> 3,545 47
Wagon and blacksmith shop.....		1,468 27
General repairs.....	556 00	
Finishing north cell room.....	1,822 50	
		<hr/> 2,378 50
Miscellaneous expenditures.....	230 25	
Tobacco.....	195 92	
		<hr/> 426 17
Directors' expenses.....	442 95	
Traveling expenses.....	191 59	
		<hr/> 634 54
Freight.....	360 35	
Express.....	104 77	
Dispatches.....	25 68	
Postage.....	277 15	
		<hr/> 767 95
Convicts discharged.....	815 00	
Convicts escaped.....	41 00	
Convicts' deposits.....	11 00	
		<hr/> 867 00
Salaries and wages.....		15,535 75
Subsistence.....		14,367 02
Indebtedness, prior to October 1, 1878, reported and paid during the year—		
Accounts for purchases paid in cash.....	1 50	
Accounts for purchases, paid in trade.....	272 44	
Convicts' deposits.....	300 00	
		<hr/> 573 94
Indebtedness, prior to October 1, 1878, not reported and paid during the year.....		137 25
Cash on hand September 30, 1879.....		11,090 44
Total disbursements.....		<hr/> <hr/> \$58,273 68

Warden's Report.

The following is a statement of assets and liabilities as per ledger on Sept. 30th, 1879, as per statement "B."

ASSETS.

Cash on hand.....	.....	\$11,090 44
Accounts outstanding.....	.....	808 48
Bills receivable, notes.....	.....	9,953 00
Due from United States.....	.....	500 58
Due from blind asylum.....	.....	123 42
Total assets.....	.....	<u>\$22,475 92</u>

LIABILITIES.

Accounts for purchases payable in trade.....	\$39 69	.....
Convicts deposits.....	181 52	.....
Total liabilities.....	<u>\$221 21</u>	.....
Amount of assets over liabilities.....	<u>=====</u>	<u>\$22,254 71</u>

Doubtful and worthless accounts and notes, are not included in the above statement.

The following is a summary of prison property on hand Sept. 30th '79, as per detailed statement "C."

STOCK.

Chairs and chairstock.....	\$3,755 42	.....
Lumber.....	683 47	.....
Wood.....	2,268 06	.....
Paints and oils.....	176 63	.....
Wagon shop and Blacksmithshop.....	7,465 62	.....
Stone shop.....	752 65	.....
Miscellaneous goods, not in use.....	580 63	.....
Bedding and clothing not in use.....	1,718 26	.....
Forage.....	76 50	.....
Live stock.....	968 00	.....
Subsistence.....	1,120 28	.....
Tobacco.....	44 25	.....
Drugs.....	40 00	.....
	<u>-----</u>	\$19,649 77

MACHINERY AND TOOLS —

In the shops.....	\$23,113 74	.....
Store room.....	184 87	.....
Tobacco room.....	43 45	.....
Wash house.....	76 65	.....
Barn and yard.....	1,351 75	.....
	<u>-----</u>	\$24,770 46

FURNITURE AND CHATELS —

Cellroom.....	\$4,693 46	.....
Library.....	1,045 10	.....
Officers' and guard room.....	1,485 24	.....
Armory.....	540 00	.....

Warden's Report.

Officers' and Warden's dining rooms, officers' and prisoners's kitchen.....	\$1,087 53	.....
Officers' and guest rooms.....	2,706 58	.....
Chapel.....	525 69	.....
Hospital.....	170 02	.....
Deputy Warden and Matron's residence.....	1,094 79	.....
Female prison.....	262 92	.....
	<hr/>	13,611 33
160 acres of land in Sioux Falls, taken in payment for wagons.....		600 00
Total.....		<hr/> <hr/> \$58,631 56

Statement of sales of prison property, during the year, as per detailed statement "D."

Chairs.....	\$768 78
Wagons.....	9,479 66
Lumber.....	2,560 46
Machinery.....	665 00
Cloth for uniform to officers.....	256 35
Clothing stock sold.....	54 78
Repairs from shoe shop.....	2 90
Sockets.....	23 45
Live stock.....	39 50
All other sales.....	476 67
Total.....	<hr/> <hr/> \$14,327 55

General repairs during the year, not including north cell room, are as follows:

MAIN BUILDING.

Warden's Office:

Papering.....	1 50	.....
Border.....	1 40	.....
Eighteen rolls wall paper.....	5 40	.....
	<hr/>	8 30

Front Office:

Floor, 20 days convict labor.....	40	8 00	.....
600 feet maple flooring.....	24 00	14 40	.....
20 lbs. nails.....	4	80	.....
14 lbs. zinc for fire place.....	10	1 40	.....
Plastering, 3 $\frac{1}{4}$ days's work by Ira Hill.....	3 00	9 75	.....
1 bbl. plaster paris.....		2 50	.....
10 bus. lime.....	35	3 50	.....
	<hr/>	<hr/>	40 35

Back Office:

Floor, 26 days convict labor.....	40	10 40	.....
600 feet maple.....	15 00	9 00	.....
600 feet flooring.....	24 00	14 40	.....
38 lbs. nails.....	4	1 52	.....
1 gallon linseed oil.....		67	.....
	<hr/>	<hr/>	35 99

Warden's Report.

Plastering and painting —

3	days work by Ira Hill.....	\$3 00	\$9 00	.....
37½	days convict labor	40	15 00	.....
950	feet lumber for casings	14 00	13 30	.....
10	pounds nails.....	04	40	.....
20	bushels lime.....	25	5 00	.....
½	barrel plaster paris.....	2 50	1 25	.....
			<hr/>	\$79 94

Dining room —

2¼	days work by Ira Hill.....	3 00	6 75	.....
½	barrel plaster paris.....	2 50	1 25	.....
10	bushels lime	25	2 50	.....
17	days convict labor	40	6 80	.....
			<hr/>	\$17 30

Painting and papering rooms Nos. 1, 10 and 11—

4	days labor, Harmon.....	2 00	8 00	.....
21	days convict labor.....	40	8 40	.....
41	rolls wall paper	30	12 30	.....
23	rolls wall paper	25	5 75	.....
2	rolls border.....	65	1 30	.....
12	yards border	06	72	.....
			<hr/>	\$36 47

Sash in hall —

2	paneled sash 1-7½ x 7-11¼.....	2 65	5 30	.....
1	paneled sash 3 x 7-11¼.....	2 75	2 75	.....
2	paneled sash 1-9 x 8-6.....	2 95	5 90	.....
1	paneled sash 3 x 8-6	3 10	3 10	.....
1	paneled sash 2-2½ x 6-3½ .....	.....	1 85	.....
1	double O. G. top 6-6 x 3-5.....	.....	4 25	.....
1	double O. G. 3-8 x 5-8, all extra heavy .....	.....	1 05	.....
4	boxes glass .....	.....	6 50	.....
9	days convict labor	40	3 60	.....
			<hr/>	\$34 30

SHOPS.

Roofs inside, iron roof—

2365	pounds felt	1 95	46 11	.....
185½	pounds wire	7½	13 92	.....
74	days convict labor.....	40	29 60	.....
			<hr/>	\$89 63

Heating apparatus —

2	2	inch globe valves	\$7 00	\$14 00	.....
6	1	globe valves	2 50	15 00	.....
6	2	T's	70	4 20	.....
6	1½	T's	43	2 58	.....
24	1	L's	17	4 08	.....
24	¾	L's	11	2 64	.....
12	1	T's	20	2 40	.....
12	¾	T's	14	1 68	.....
12	1	Unions	40	4 80	.....
12	¾	Unions	32	3 84	.....
12	1½	Bushings	07	.84	.....
12	¾	Bushings	09	1 08	.....
12	1	Bushings	12	1 44	.....
12	1¼	Bushings	15	1 80	.....
12	1½	Bushings	20	2 40	.....
12	2	Bushings	30	3 60	.....

Warden's Report.

Heating apparatus — continued.

12	$\frac{1}{2}$	Reducers	\$10	\$1 20	.....
12	$\frac{3}{4}$	Reducers	12	1 44	.....
12	$1\frac{1}{4}$	Reducers	20	2 40	.....
12	1	Reducers	14	1 68	.....
12	$1\frac{1}{2}$	Reducers	28	3 36	.....
12	2	Reducers	44	5 28	.....
				<hr/>	
				\$81 74	
		Less 55 per cent.....		44 95	
				<hr/>	\$36 79
1	1	R. H. Die.....		2 75	.....
1	1	L. H. Die		2 75	.....
				<hr/>	
				\$5 50	.....
		Less 25 per cent.....		1 37	.....
				<hr/>	\$4 13
21	$\frac{1}{4}$ lbs.	$\frac{1}{8}$ sheet packing.....	55	11 69	.....
		Less 50 per cent.....		5 85	.....
				<hr/>	\$5 84
					\$1 49
		4 $\frac{1}{2}$ lbs. hemp.....	35	.....	.....
12		one inch bends.....	25	\$3 00	.....
		Less 55 per cent.....		1 65	.....
				<hr/>	1 35
		Box			25
128	3 feet	$\frac{3}{4}$ pipe	9	11 54	.....
61	1 feet	$1\frac{1}{2}$ pipe.....	22	13 44	.....
65	2 feet	2 pipe	31	20 20	.....
				<hr/>	\$45 18
		Less 55 per cent.....		24 85	.....
				<hr/>	20 33
		Cartage.....			25
		Total for steampipes between shops and north cell room.....	70 43	.....	.....
		Globe, valves and elbows.....		7 35	.....
24	days	convict labor.....	40	9 60	.....
				<hr/>	16 95
<i>Cistern</i> —					
14	bb's.	cement.....	1 25	17 50	.....
17	days	convict labor.....	40	6 80	.....
				<hr/>	24 30
<i>Windows</i> —					
8	days	convict labor.....	40	.....	3 20

ALL OTHER REPAIRS.

Repairing locks, south cell room —

51	days	work by N. Kraemer	2 25	114 75	.....
47	$\frac{1}{2}$	days convict labor.....	40	19 00	.....
				<hr/>	133 75

Repairs on roofs —

6	$\frac{3}{4}$	days work by W. H. Parsons	1 50	9 00	.....
2	bbls.	tar		4 67	.....
13	$\frac{1}{2}$	days convict labor.....	40	5 20	.....
				<hr/>	18 87

Warden's Report.

Repairing shanty at inside gate—

10 days convict labor.....	\$ 40	\$4 00	.....
½ M. shingles	1 70	1 14	.....
		<u>5 14</u>	

Flower stands, north and south cell rooms—

1,100 feet lumber	\$16 00	\$17 60	.....
22 pounds nails	4	88	.....
12 days convict labor.....	40	4 80	.....
		<u>\$23 28</u>	

Whitewashing—

22 bushels lime	21	\$5 50	.....
48 days convict labor	40	19 20	.....
		<u>\$24 70</u>	

Four days convict labor on ice box.....	40	\$1 60	.....
Four days convict labor on barn floor.....	40	1 60	.....
		<u>3 20</u>	

Twenty grate bars for boilers, 1,537 pounds....	2½	.....	38 43
Total.....			<u><u>\$668 54</u></u>

NORTH WING.

With the exception of putting up the iron railing on the corridors, the work commenced in July, 1878, and has been completed, making ready for use 208 cells, in addition to those now occupied in south wing, being a total of 488 cells. The expenditures in this work during the past year have been as follows:

291 locks	\$3 00	\$873 00	.....
30 lbs. rivets.....	11½	3 45	.....
		<u>\$876 45</u>	
2 steel gauges .....	.....	.....	1 50
6,259 square feet flagging.....	18	\$1,126 62	.....
480 feet cistern covering.....	12	57 60	.....
		<u>\$1,184 22</u>	
Less amount paid last year .....	.....	400 00	.....
		<u>784 22</u>	
15 bbls. cement.....	1 25	.....	18 75
576 feet pine lumber for stairs.....	16 00	.....	9 22
81 days' work by N. Kraemer	2 25	.....	182 25
118 days' work by officer, mechanic..	2 50	.....	295 00
79 days' work by officer, guard,	1 50	.....	118 50
1,958 days' convict labor	40	.....	783 20
Total.....			<u>\$3,069 09</u>
Amount expended on this work during the year ending September 30, 1878, was.....			<u>3,803 15</u>
Total cost			<u><u>\$6,872 24</u></u>

When the amount of material is considered, that this work required, it will be seen, that a very great improvement has been

Warden's Report.

made at a very small cost, and that it has all been done out of the earnings and collections properly belonging to the current expense account.

PRODUCTS FROM PRISON GARDEN AND HOG PEN.

40 bushels beets.....	\$ 50	\$20 00	.....
37 bushels beans.....	1 25	46 25	.....
200 bushels corn.....	25	50 00	.....
25 bushels cucumbers.....	75	18 75	.....
1000 head cabbage.....	05	50 00	.....
150 bushels onions.....	40	60 00	.....
1350 bushels potatoes.....	30	405 00	.....
50 bushels peas.....	1 00	50 00	.....
50 bushels tomatoes.....	75	37 50	.....
		<u>737 50</u>	\$737 50
<i>Live stock—</i>			
25 hogs.....	12 50	312 50	.....
9 hogs.....	8 50	76 50	.....
52 pigs.....	3 50	182 00	.....
7 pigs.....	1 00	7 00	.....
		<u>578 00</u>	578 00
<i>Hogs killed—</i>			
1878.			
Nov. 2 3956 pounds.....	04½	178 02	.....
Dec. 8 4504 pounds.....	03½	157 64	.....
Dec. 31 4552 pounds.....	03½	159 32	.....
1879.			
April 16 2961 pounds.....	04	118 44	.....
		<u>613 42</u>	613 42
Total.....			\$1,928 92
<i>Less—</i>			
Hogs on hand Oct. 1. 1878.....		\$733 00	.....
Use of boar.....		3 00	.....
4 tons of bran.....	8 00	32 00	.....
3½ tons of feed.....	12 00	42 00	.....
140 bushel seed potatoes.....	25	35 00	.....
Seeds and plants.....		11 87	.....
24½ pounds paris green.....		6 80	.....
7 nights watching.....		8 75	.....
		<u>872 42</u>	872 42
Total.....			\$1,056 50

Warden's Report.

I estimate the current expenses for the year ending September 30, 1880, as follows:

Religion and means of instruction	\$150 00
Amusements	15 00
Newspapers	60 00
Stationery	20 00
Advertising and printing	40 00
Drugs and medicines	300 00
Barn tools	15 00
Forge, and bedding for convicts	450 00
Farm tools, seeds and plants	75 00
Fuel	3,300 00
Lights	600 00
Laundry	125 00
House furnishing, including kitchen and cell room	600 00
Clothing and shoes	3,000 00
Tobacco	200 00
Freight	250 00
Express	75 00
Dispatches	25 00
Postage	275 00
Convicts discharged	800 00
Salaries and wages	15,000 00
Subsistence	15,500 00
Directors' expenses	500 00
Traveling expenses	200 00
Miscellaneous expenditures	250 00
	<u>\$41,825 00</u>
General repairs	1,000 00
Total	<u>\$42,825 00</u>

Discharged Prisoners.—For the sixth time, I am compelled to refer to the unwise and niggardly policy of this State in relation to discharged prisoners. With only a cheap suit of clothes and five dollars in his pocket, the prisoner is turned out into society, whose doors are already closed against him. I have often referred to the injustice and the evil results from this policy, without even attracting a passing notice from the law making power. I presume it will be so in this case, but so long as I occupy the position of Warden, I shall consider it my duty to enter my annual protest. I only add a short extract from a manuscript found in the cell of a discharged convict:

“It may be easily imagined, that when a liberated convict has not enough of his five dollars to pay his fare to go back where he came from, he cannot feel very religiously inclined, most especially

Warden's Report.

during the inclement season, which embraces a very respectable portion of the year.

"I ask the reader, 'What would you do in his place?' Not go to the poorhouse alive, assuredly; before the county commissioners come to the conclusion to send you there, you have time enough to die, oftener than is the rule, by exposure or inanition.

"Get drunk and go to jail is far the most brutish, but the more honest alternative; but you have to recommence at your liberation, and this time you have no money to get drunk with.

"Select your living out of slops and sleep in the open field? Then you are liable to be imprisoned for vagrancy, die of cold or starvation? Then your memory will be insulted by the very persons you would not consent to rob."

"The only possible way to live and have a chance to retain your liberty, is to be found in crime; a criminal you must become again and a very desperate one, I must infer, for hunger and cold are very powerful agents."

In my last report I expressed some opinions in relation to a society, that has been formed and incorporated under the general laws of this state, having for its object the amelioration of the condition of discharged convicts. Another year's experience only confirms me in the opinions then expressed.

VISITORS.

I also referred to the impropriety of admitting visitors indiscriminately to the work shops of the prison. With a view to remedy that evil in part, the following order was issued and published in the newspapers of the city.

Waupun Sept. 17, 1879.

The practice which has hitherto obtained of conducting ladies and children through the prison workshops, will be discontinued from and after October 1, '79, on account of its inconvenience under the present arrangement of the shops and the unfavorable effect of this custom on the discipline of the prison.

H. N. SMITH, *Warden.*

Warden's Report.

INSANE PRISONERS.

The laws of Illinois provide for the removal of insane convicts from the state prison to the insane asylum as follows:

“If any case of insanity shall occur in said penitentiary, such insane person shall at once be removed to the insane hospital at Jacksonville or other similar hospital under the control of the state, at the expense of the state; and should said patient recover before his or her time of imprisonment shall expire, he or she shall be returned to said penitentiary; and it is hereby made the duty of the superintendent of said hospital for the insane to receive into said hospital and treat all such insane convicts as in other cases of insanity.”

If a similar law was enforced in this state, the prison would be relieved from the most demoralizing cause that exists in the institution. A recent case of insanity seems to deserve particular mention. One Henry Schinsner was discharged from the prison at the expiration of a two years term, July 11, 1878, and was taken possession of by the sheriff of Dodge county upon the order of the county judge, on account of insanity. He had been insane and idiotic for more than a year, and during the last four months of his term was confined in his cell. On the 22d day of September, 1879, he was received from the sheriff of Grant county on a sentence of five years for horse stealing, as insane as he was when he left the prison. He is now locked in his cell, fed and clothed like other insane convicts, and will probably remain so during his term here.

We have also another man here from Grant county, received March 13th, 1874, on a life sentence. He was insane when he came, is now, and probably always will be. He has not been out of his cell since he came, except for bathing and cleaning his cell, and on one of these occasions he came near killing a fellow-prisoner. Sending to the state prison, seems to be a convenient way of getting rid of insane persons from that county.

SENTENCES.

I have heretofore expressed the opinion, that some revision of the criminal law should be made, so as to provide for more equal sen-

Warden's Report.

tences for the same crime; further experience confirms me in that opinion.

If the policy of trying to make the prison self-supporting is to continue, all who commit a state prison offense, should be sentenced to the state prison. But under the present laws, the courts of Milwaukee county are authorized to sentence all convicts to the house of correction, except those convicted of murder—the result of which is, that only the feeble and sickly ones, and those who are considered “ugly cusses,” are sent to this prison from that county. The wisdom of the state aiding to support county institutions at the expense of its own state institutions, is not apparent.

The recent change in the law, requiring a man to steal over a hundred dollars in order to get into state prison, instead of twenty dollars as it had been before since the organization of the state, has operated to increase the taxes, both state and county. A large number are now confined in idleness in county jails at an expense of three to four dollars per week to the counties, instead of being in prison, where they could earn their own living and something towards the expense of watching and guarding them.

A new feature has also arisen in the practice of the United States courts, affecting the interests and rights of the citizens of Wisconsin. Prisoners, convicted of offenses against the United States are now sent to the Illinois state prison for the alleged reason that the Joliet prison charges less for boarding, clothing, watching, doctoring and guarding said prisoners, than is charged by this prison.

The United States law, chapter 9, provides that convicts may be sent out of the state, when there is no jail or penitentiary therefor in the state suitable or available. I understand this practice of the United States courts is in obedience to instructions from the attorney general at Washington. If he has power to order citizens of Wisconsin to be sent to Illinois, he could by the same authority order them sent to Maine or Texas—out of reach of all their friends, and thus deprive them of all chance for appeal or new trial. This practice, if continued, will deprive this prison of over \$2,000 yearly income for the benefit of the Illinois prison.

Contract.—In my last report I estimated the earnings from the leased labor for the year ensuing at \$32,000, but, owing to the

Warden's Report.

change in the law and the practice of the courts, above mentioned, the number of convicts has fallen off, consequently the earnings have decreased in like proportion, being for the past year \$29,141.76. I estimate the earnings from that source for the ensuing year will be about the same as last year. The amount due the prison for labor each month has been promptly paid by the contractors; Messrs. M. D. Wells & Co., on the 5th day of each following month. The friendly business relations between myself and the contractors has continued during the past year, no issue has arisen that could not be settled fairly at once. I have, however, at times been greatly annoyed by the acts of some of their employees, growing out of an unwillingness on their part to comply with rules and proprieties of the prison, but during the latter part of the year there has appeared to be a general acquiescence and disposition to comply with the rules and orders of the Warden. I do not anticipate any further trouble from that source.

Weekly Cost of subsistence.—In the matter of economy in the current expenses of the prison, it is believed, that during the past year, it has been brought to the lowest possible point, consistent with furnishing a sufficient amount of wholesome food for hard laboring men. The following is the regular bill of fare for the convict kitchen, subject to such changes and additions as we are able to make during the vegetable season, also an extra dinner in recognition of the following days: Thanksgiving, Christmas, and July 4:

Sunday—

- Breakfast: hash of meat, potatoes and onions, bread and coffee.
- Dinner and supper (together) roast beef, potatoes bread and tea.

Monday—

- Breakfast: boiled fresh beef, warmed over, with potatoes, bread and coffee.
- Dinner: bean soup and bread.
- Supper: Bread, syrup and tea.

Tuesday—

- Breakfast: same as Monday.
- Dinner: pork shanks, potatoes and bread.
- Supper: bread, butter and tea.

Wednesday—

- Breakfast: bread, hash and coffee.
- Dinner: pork, beans and bread.
- Supper: bread syrup and tea.

Warden's Report.

Thursday —

Breakfast: same as Monday.
Dinner: vegetable soup and bread.
Supper: bread, butter and tea.

Friday —

Breakfast: hash, bread and coffee.
Dinner: pork shanks, potatoes and bread.
Supper: bread, syrup and tea.

Saturday —

Breakfast: same as Monday.
Dinner: bean soup and bread.
Supper: bread, butter and tea.

The meals are all taken by the convicts, as they come in from work, to their cells, which are supplied with salt, vinegar and pepper, each one is allowed to take all the bread he wants, provided he does not waste it.

The entire cost of all the subsistence furnished the convicts during the year, as will be seen in detailed statement, is \$11,920.00, being 69½ cents per week for each man.

The cost of subsistence for the officers and families of the Warden and Deputy Warden, 33 persons, estimating visitors, directors and committees, equal to an average of two persons, making 35 — is \$3,093.17 — being an average of \$1.70 per week for each person. It cannot, however, be expected that these figures will be maintained during the ensuing year. The material advance in all articles of subsistence must increase expenses in like proportion.

Very few changes have taken place in the prison force during the past year, one only having been discharged. On the first of October, 1878, the Rev. E. Tasker was re-appointed chaplain for six months ending March 31, 1879; at the expiration of that time, he was, at his own request, re-appointed for six months, ending September 30th, at which time his official connection with the prison ceased, consequently a vacancy will exist in that office for a short time, until other arrangements can be made. In the meantime, temporary supply will be provided and no suspension of the regular Sunday service. It is my desire hereafter to have the work of the chaplain confined strictly to his religious duties, leaving secular work to be performed by other parties. The reports of the chaplain and the prison physician will be found annexed.

Warden's Report.

I cannot close, without expressing my thanks to the officers of the prison for their attention and vigilance in the performance of their duties during the past year and especially to Mr. Alex. White, the deputy warden.

Respectfully submitted,

H. N. SMITH,
Warden.

STATE OF WISCONSIN, }
County of Dodge. }

H. N. Smith, Warden of the Wisconsin State Prison, being duly sworn says, that the contents of the foregoing report by him subscribed are just and true, according to the best of his knowledge and belief.

H. N. SMITH,
Warden.

Subscribed and sworn to before me this first day of October, 1879.

[SEAL.]

JACOB FUSS,
Notary Public, Dodge Co., Wis.

Physician's Report.

PHYSICIAN'S REPORT.

We are thankful to report the general good health of the prisoners during the past year. The number of hospital patients, at any time, has been unusually small.

The latter part of winter, and early spring, an epidemic influenza prevailed, which was not only confined to prisoners, but was general throughout the country; almost every person was affected more or less by this disease.

The number of prisoners October 1, 1879, was 309. The daily average has been 308. But one prisoner has died during the year, viz., C. C. Boyd, Feb. 14th, of cancer of the stomach. He was sick on admission, and, unable to labor, was confined to the hospital most of the time until his death.

When we consider that most of the diseases are traceable to dissipated habits, and constitutions ruined by licentiousness, which has entailed on many, diseases of a serious character, before their admission, we cannot but think our death rate remarkably low, and it would be so deemed outside the prison walls. While there has been less sickness than could be reasonably expected, we must admit it in part to the healthy locality, pure air, regular exercise, cleanliness of the institution, and other hygienic measures, which have added much to the health and comfort of its inmates.

The prison diet is plain and nutritious, and varied as a proper economy, and the health of the prisoners will permit. It is abundant in quantity, and well cooked; each prisoner is allowed a full supply, and extra meals are occasionally served.

The clothing is clean and comfortable; all are allowed under-clothing that wish.

Much is doing everywhere for the benefit of the unfortunate. Systems of punishment for crimes are now engaging the attention

Physician's Report.

of civilized nations throughout the world. Prison congresses, national and international, attest the importance of this subject. These efforts have assumed the characteristics of an enlightened philanthropy, which must demand the admiration of all. And certainly it will be a great improvement over what we now see existing, if by these means any considerable number of convicts are reformed and restored to society. And it would be a still greater gain, if by any means, discharged convicts could be prevented from again returning to crime.

“Public sentiment everywhere seems to be awakened on this subject, and it is manifest that this cause occupies the popular mind, and commands its respect, and its substantial assistance.”

The insane of this prison demand more than a passing notice. We have a number of hopelessly insane that have to be kept in close confinement on account of their vicious habits, and dangerous character. They are confined in the same cell room with other prisoners, and only separated by partition walls, and often disturb the rest of those that are required to labor during the day, by their midnight howlings.

While a still larger number are insane and idiotic, but are not kept in close confinement, and do some manual labor, but require a constant watchfulness.

As the prison must of necessity be a place of confinement for insane persons, it is proper and right that suitable provisions should be made for their care and management.

Many of our states are being impressed with the importance of having their insane criminals separate from those sent to asylums, have established “asylums for insane criminals.” May we not hope ere long some suitable provision will be made whereby this unfortunate class can be better accommodated and cared for.

The warden and officers have, at all times, been ready and willing to make any improvements whereby the sanitary condition of the prison could be improved. I am under many obligations for their kindness in this direction, as well as many others in the performance of my duties.

H. L. BUTTERFIELD,

Prison Physician.

Chaplin's Report.

CHAPLAIN'S REPORT.

As I shall, with the present fiscal year, resign the chaplaincy, in presenting my annual report I feel constrained to say, that for the five and a half years of my connection with this prison, I have had the most varied and singular experience of any period of my life.

When the chaplaincy was tendered me, I did not accept it without many misgivings. And when I entered upon its duties, it was with much fear and trembling. But I brought with me to the work, a heart full of sympathy for these unfortunate men; and an intense desire to see them go out into the world better for my ministrations and counsels.

Notwithstanding the unpropitious soil to be cultivated, I rejoice in the assurance received that my labors have not been altogether in vain; thus demonstrating that religion for convicts *is not* a failure.

During the year, there has been a marked interest in our chapel services, and the chaplain's visits to the cells have been heartily welcomed by all.

Although the work has not been pleasant, I have been deeply interested in it, and I had formed many plans of usefulness, in the interest of these men, which I hope may yet be perfected.

When presenting my report, a year ago, I had hoped to place in efficient operation the

“ WISCONSIN PRISONERS AID ASSOCIATION.”

The association having received the hearty endorsement of the Warden and directors of the prison, and an elaborate report in its favor by the “ State Board of Charities and Reforms.” “ A bill to provide for discharged convicts, and the appointment of a State agent for that purpose,” was introduced in the legislature by Senator McFetridge.

Chaplain's Report.

After some changes made by the committee on Charities and Penal Institutions, said bill passed the Senate, but failed to reach the Assembly, hence did not become a law.

I have, however, given to the association, such time and attention, as could be given, without interfering with other duties, and have been gratified with the interest manifested; and the sympathy elicited, in the few communities, I have had the opportunity of visiting.

And the past year's experience has deepened the conviction I have felt ever since my connection with the prison, viz: That the "Prisoners' Aid Association" would prove to be a most powerful agent in preventing the increase of crime, if it could be put in efficient operation. But to do this, it must have *all the time* and attention of at least one earnest, energetic man.

The small amounts furnished to discharged convicts during the year, from funds voluntarily contributed for this purpose, I have reason to believe, has saved a number from suffering and crime.

A few, also, have been provided with employment. In one instance aid was afforded to a man who proved to be unworthy of it. But in every other instance the assistance was worthily bestowed, gratefully accepted, and proved a real blessing.

I believe the legislature of our state could not do itself greater honor, or perform an act more humane, or one fraught with greater benefit to the state at large, than to enact a law, making provision for discharged convicts, as contemplated by the "Wisconsin Prisoners' Aid Association."

THE ADDITION MADE TO THE PRISON LIBRARY

last year, has been a source of gratification and improvement, and prevented many hours of sadness, which otherwise must have been experienced in a prison cell.

Those who can read, eagerly embrace the opportunity to procure books from the library, and the result cannot be otherwise than favorable.

As reported last year, we have 740 volumes at present in the library. Some of the books, however, are becoming very much

Chaplain's Report.

worn by constant use. I have on this account withdrawn several volumes from circulation. It is to be regretted, that no provision has been made for the purchase of additional books when needed. Prudence would dictate the propriety and necessity of establishing a permanent *library fund*, and this could readily be done, by appropriating, as in other prisons, a portion of the fees obtained from visitors for this purpose.

I am pleased to report

“THE PRISON SCHOOL”

as being in a flourishing condition. A larger number attends it, than at any time since its organization, and it is gratifying to witness the intense desire on the part of some to acquire a knowledge of the common branches of education. Unpromising as the field may appear, the favorable results are readily apparent, for many who enter the school, even though advanced to middle life, and who do not know even the letters of the alphabet, learn to read and write, and do examples in arithmetic, and are thereby the better prepared to go out again into society. Several such have been discharged during the past year, who, before leaving, had learned to write their own letters.

The class in geography, recently organized, has given additional interest to the school, and is accomplishing good.

Considering the short time allowed, per week, for purposes of instruction, those in attendance make encouraging progress, and are worthy of commendation.

FAREWELL WORDS.

In closing my connection with the prison, I cannot but express gratitude, for the uniform kindness, and courtesy extended to me. Dissimilar as we may have been in views, and feeling on many matters connected with the responsible duties of prison officers, — with one exception — there has been no occasion for complaint on my part.

To me no unpleasant word has been spoken, and no ungentlemanly conduct exhibited. And I assure all connected with the institution, that I fully appreciate the expressions of regard given,

Chaplain's Report.

and heartily reciprocate them. And although I may not be immediately connected with the prison, I shall ever feel a deep interest in the unfortunate class who may be incarcerated within its walls.

Respectfully submitted,

E. TASKER,

Chaplain.

WAUPUN, Wis., *September, 30, 1879.*

Statistical Report.

STATISTICAL REPORT**FOR THE YEAR ENDING SEPTEMBER 30, 1879.**

- Table No.**
1. Number received and discharged during the year.
 2. Whole number of days spent in prison.
 3. Summary of prisoners received during the year.
 4. Prisoners discharged.
 5. Prison population.
 6. Life members in prison.
 7. Number discharged from January 1, 1866, to date, including per cent. of pardons.
 8. Characteristics of prisoners received since the organization of the prison.
 9. Prison statistics, since organization of the prison.
 10. Maximum and minimum of terms fixed by law, also maximum and minimum of sentences pronounced by courts for the year ending September 30, 1879.

Statistical Reports.

No. 1.

Number of convicts confined October 1st, 1878.

Males	340
Females.....	6
Total.....	<u>346</u>

Received during the year.

Males ..	128
Females.....	2
Total....	<u>476</u>

Discharged during the year.

Males	165
Females.....	1
Died	1
Total.....	<u>167</u>

Number confined September 30th, 1879.

Males	302
Females.....	7
Total.....	<u>309</u>

Total number confined October 1, 1878.....	346
Total number confined October 1, 1877	290
Total number confined October 1, 1876.....	266
Total number confined October 1, 1875.....	<u>248</u>

Average number for the year ending September 30, 1879.....	328
Average number for the year ending September 30, 1878	337
Average number for the year ending September 30, 1877	290
Average number for the year ending September 30, 1876	261
Average number for the year ending September 30, 1875	<u>240</u>

Statistical Reports.

No. 2.

Showing the whole number of days spent in prison, the number of days lost time, and the number of days given to productive and unproductive labor.

WHOLE NO OF DAYS DURING THE YEAR —			
Males	117,384		
Females	2,398		
			119,782
LOST TIME —			
Sundays	17,159		
Solitary as per sentence	223		
Solitary as per punishment	442		
Dark cell	210		
Sick or disabled	2,023		
Insane or idiotic	2,442		
Old age	1,565		
Locked up for punishment	386		
		24,450	
INDISPENSABLE LABOR, BUT NOT DIRECTLY PRODUCTIVE —			
Inside gate	313		
Hospital steward	313		
Tin tenders and barber	1,565		
Warden and officers' rooms	626		
Kitchen	3,456		
Wash-house	1,565		
Talor and shoeshop	1,362		
Menders	1,369		
Female prisoners	2,398		
Garden and farm	914		
Yard and barn	1,308		
Tobacco room	313		
Repairs from blacksmith shop	420		
Work on lumber	136		
Filing ice house	38		
Killing hogs	30		
Whitewashing	48		
Shoveling snow	10		
Hauling hay	11		
All other work	35		
		16,230	
			40,680
PRODUCTIVE TIME —			
Contractors	73,866		
Wagon and blacksmith shop	1,643		
Work in north cell room	1,850		
General repairs	1,117		
Engine and boilers	626		
			79,102
Total number of days			119,782
Percentage of lost time			20.41
Percentage of indispensable labor			13.55
Percentage of productive labor			66.04
			100.00

TABLE No. 3.—*Statistical Reports.*

No. 3.

Summary of Receipts from October 1, 1878, to Sept. 30, 1879.

COUNTIES WHERE FROM.

Brown	3	Milwaukee	1
Chippewa	2	Monroe	7
Clark	1	Oconto	2
Columbia	4	Outagamie	3
Crawford	1	Pierce	3
Dane	15	Racine	8
Dodge	7	Richland	2
Eau Claire	3	Rock	7
Fond du Lac	2	St. Croix	1
Grant	11	Sauk	3
Green	4	Shawano	1
Jackson	2	Taylor	1
Jefferson	3	Trempealeau	2
Juneau	1	Vernon	1
Kenosha	1	Walworth	7
LaCrosse	3	Washington	1
La Fayette	1	Waukesha	4
Manitowoc	3	Winnebago	4
Marathon	1	Wood	1
Marquette	1	United States	2
Total			<u>130</u>
			==

RELIGIOUS INSTRUCTION.

Baptists	4	Methodist	33
Catholics	44	Protestant	4
Cambelrite	1	Presbyterian	6
Christian	1	Shakers	2
Congregational	1	Universalists	1
Episcopal	3	Unitarian	2
Lutheran	18	No religion	10
Total			<u>130</u>
			==

FORMS OF SENTENCES.

During life	5	Four years	11
Eleven years	1	Three years and six months	1
Ten years	2	Three years	12
Nine years	1	Two years and six months	1
Eight years	1	Two years	26
Seven years	2	One year and six months	6
Five years	6	One year and one day	1
Four years and six months	2	One year	50
Four years and three months	1	Six months	1
Total			<u>130</u>
			==

TABLE No. 3 — *Statistical Reports.*

HABITS.		CONJUGAL RELATIONS.	
Intemperate	67	Married	43
Moderate	36	Single	76
Temperate	27	Widower	5
		Widow	1
Total	<u>130</u>	Total	<u>130</u>
HOW OFTEN SENTENCED.		SEX.	
First time	110	Male	128
Second time	16	Female	2
Third time	2	Total	<u>130</u>
Fourth time	1		
Seventh time	1		
Total	<u>130</u>		
CRIME.			
Arson	4	Forgery	10
Adultery	1	False pretenses	1
Assault with intent to kill	3	Horse stealing	11
Assault with intent to ravish	3	Incest	1
Assault with intent to do bodily harm	4	Larceny	17
Assault with intent to rob	1	Murder	5
Aiding prisoners to escape	2	Manslaughter, 2d degree	1
Assault on prison officer	1	Manslaughter, 3d degree	3
Burglary	34	Manslaughter, 4th degree	2
Burglary and larceny	10	Polygamy	4
Burglary, Armed with a dangerous weapon	3	Passing counterfeit money	1
Bigamy	3	Robbery	1
Counterfeiting	1	Rape	1
		Sodomy	1
		Uttering forged order for money,	1
Total	<u>130</u>		
EDUCATIONAL RELATION.		COLOR.	
Read and write English	99	White	127
Read and write German	6	Mulatto	2
Read and and write both	1	Indian	1
Read, but not write	7	Total	<u>130</u>
Neither read nor write	17		
Total	<u>130</u>		

TABLE No. 3.—*Statistical Report.*

OCCUPATION.

Auctioneer	1	Hotel keeper.....	1
Brushmaker.....	1	Harness maker.....	2
Blacksmith.....	3	Laborer.....	40
Barber.....	2	Lumberman.....	1
Brakemen.....	2	Miner.....	1
Brewer.....	1	Miller.....	1
Barkeeper.....	1	Mason.....	1
Billposter.....	1	Machinist.....	2
Baker.....	1	Music teacher.....	1
Boiler maker.....	1	Moulder.....	2
Butcher.....	1	Photographer.....	1
Cigar maker.....	2	Painter.....	2
Carpenter.....	1	Paper hanger.....	1
Clerk.....	4	Raftsmen.....	1
Cooper.....	1	Shoemaker.....	4
Carver.....	1	Sailor.....	2
Cook.....	1	Stone cutter.....	3
Deck hand.....	1	Shingle sawyer.....	1
Firemen.....	2	Stave jointer.....	1
Farmer.....	21	Showman.....	1
Glass blower.....	1	Traveling agent.....	1
Gardener.....	1	Teamster.....	1
Hosier.....	5	Wagon maker.....	1
Housekeeper.....	2		
Total.....			<u>130</u>

AGES.

From 14 to 20 years.....	11	From 40 to 50 years.....	10
From 20 to 30 years.....	78	From 50 to 60 years.....	9
From 30 to 40 years.....	19	From 60 to 70 years.....	3
Total.....			<u>130</u>

NATIVITY.

Connecticut.....	2	Bohemia.....	3
Illinois.....	7	Canada.....	6
Indiana.....	3	England.....	5
Iowa.....	1	Germany.....	13
Maine.....	3	Ireland.....	6
Massachusetts.....	5	Norway.....	5
Missouri.....	3	Poland.....	1
Michigan.....	1	Russia.....	1
New Hampshire.....	2	Scotland.....	1
New York.....	18	Sweden.....	3
Ohio.....	5		
Pennsylvania.....	4	Foreign.....	<u>44</u>
Tennessee.....	1		
Vermont.....	1		
Virginia.....	3		
Wisconsin.....	27		
Native.....	<u>86</u>		

*Statistical Reports.***No. 4.****PRISONERS DISCHARGED.**

Expiration of time	1
Reduction of time	2
Reduction of time, including pardon to restore to citizenship	8
Governors pardon	9
President's pardon	
Order of supreme court	4
Died	1
Total	<u>167</u>

No. 5.**PRISON POPULATION.****COUNTIES WHERE FROM.**

Adams	2	Marathon	1
Barron	1	Monroe	12
Buffalo	2	Outagamie	5
Brown	7	Oconto	4
Calumet	3	Pierce	2
Chippewa	8	Portage	4
Clark	1	Richland	2
Columbia	11	Racine	12
Crawford	3	Rock	25
Dane	29	St. Croix	2
Dodge	11	Shawano	3
Dunn	3	Sauk	4
Eau Claire	4	Sheboygan	3
Fond du Lac	10	Taylor	1
Grant	17	Trempealeau	5
Green	6	Vernon	3
Green Lake	2	Washington	1
Iowa	1	Walworth	15
Jackson	2	Waukesha	4
Jefferson	13	Waupaca	2
Jenewa	1	Waushara	9
Kenosha	2	Winnebago	12
La Fayette	1	Wood	3
La Crosse	9	United States	6
Milwaukee	14		
Manitowoc	5	Total	<u>309</u>
Marquette	1		

TABLE NO. 5 — *Statistical Reports.*

COLOR.		NATIVITY.	
White.....	295	American.....	220
Black.....	6	Foreign.....	89
Mulatto.....	3		
Indian.....	2	Total.....	309
Half Indian.....	3		
Total.....	309		
HOW OFTEN SENTENCED.		AGES.	
First time.....	267	From 14 to 20 years.....	21
Second time.....	28	20 to 30 years.....	148
Third time.....	10	30 to 40 years.....	64
Fourth time.....	2	40 to 50 years.....	39
Seventh time.....	1	50 to 60 years.....	17
Eighth time.....	1	60 to 70 years.....	16
Total.....	309	70 to 80 years.....	1
		80 to 90 years.....	3
		Total.....	309

The present prison population was received in the several years, as follows:

1857.....	1	1870.....	2
1860.....	1	1871.....	5
1862.....	1	1872.....	6
1863.....	2	1874.....	8
1865.....	3	1875.....	14
1866.....	1	1876.....	22
1867.....	2	1877.....	48
1868.....	5	1878.....	108
1869.....	2	1879.....	78
Total.....			309

EXHIBIT OF UNITED STATES PRISONERS.

No. on Reg.	Where convicted.	Term of sentence.	When sentenced.	Crime.
2,012.	Madison.....	Five years...	June 9, 1875	Counterfeiting.
2,013.	Madison.....	Five years...	June 9, 1875	Counterfeiting.
2,014.	Madison.....	Five years...	June 9, 1875	Counterfeiting.
2,169.	Madison.....	Five years...	June 8, 1876	Counterfeiting.
2,641.	Madison.....	One year....	Dec 10, 1878	Counterfeiting.
2,642.	Madison.....	One year....	Dec. 4, 1878	Forgery.

Statistical Reports.

No. 6.

LIFE MEMBERS.

Number confined October 1, 1878.....	45
Received during the year.....	5
Total.....	50
<hr/>	
Died September 28, 1878.....	1
Discharged on order of Supreme court.....	1
Remaining in prison. Male.....	45
Remaining in prison. Female.....	3
Total.....	50

COUNTIES, WHERE FROM.

Brown.....	1	Milwaukee.....	5
Calumet.....	3	Monroe.....	2
Chippewa.....	2	Manitowoc.....	2
Columbia.....	2	La Crosse.....	1
Dane.....	1	Outagamie.....	1
Dodge.....	3	Oconto.....	2
Fond du Lac.....	1	Portage.....	1
Green Lake.....	1	Rock.....	3
Grant.....	3	St. Croix.....	1
Green.....	1	Shawano.....	1
Jackson.....	1	Walworth.....	1
Jefferson.....	4	Winnebago.....	3
Kenosha.....	1	Waushara.....	1
Total.....	48		

CONJUGAL RELATIONS.

AGES.

Married.....	17	From 20 to 30.....	18
Single.....	17	From 30 to 40.....	11
Widowers.....	13	From 40 to 50.....	12
Widows.....	2	From 50 to 60.....	5
Total.....	48	From 60 to 70.....	1
		From 70 to 80.....	1
		Total.....	48

COLOR.

COLOR.

White.....	44	Indian.....	1
Black.....	2	Half Indian.....	1
Total.....	48		

Statistical Reports.

NATIVITY.

<i>Native.</i>		<i>Foreign.</i>	
Indiana	1	Bavaria	1
Illinois	2	Bohemia	1
Kentucky	1	Canada	1
New York	4	England	2
New Hampshire	1	Germany	9
Ohio	1	Holland	1
Pennsylvania	3	Ireland	9
Tennessee	2	Switzerland	2
Wisconsin	6	Sweden	1
	<hr/>		<hr/>
Native	21	Foreign	27
	<hr/> <hr/>		<hr/> <hr/>

No. 7.

SHOWING THE NUMBER *and how discharged* from October 1, 1866, to October 1, 1879, also the per cent. of Pardons.

HOW DISCHARGED.	1866.	1867.	1868.	1869.	1870.	1871.	Oct. 1872.	Oct. 1873.	Oct. 1874.	Oct. 1875.	Oct. 1876.	Oct. 1877.	Oct. 1878.	Oct. 1869.
Commutation and reduction of time.....	53	96	101	79	77	76	60	65	57	86	109	117	134	15
Expiration of sentence	4	.....	4	4	1	.....	2	6	2	.....	3	2	.....	1
G-vernor's pardon.....	8	16	8	11	4	13	31	14	15	17	20	24	15	9
President's pardon.....	1	1	.....	1	.....	.....	2	.....	3	2	2	3	4	2
Death.....	1	1	.....	2	.....	1	2	1	1	2	1	2	2	1
Order of supreme and circuit courts.....	3	.....	2	3	1	.....	1	1	.....	2	.....	1	1	4
Order of United States court commissioner.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....
Escaped.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Removed to insane asylum.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Suicide.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	2	.....	.....
Order of Secretary of War.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Removed to State Industrial School.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Order of Board of Directors.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Total.....	72	114	117	100	83	93	100	87	78	109	138	152	157	167
Average number of population.....	128	194	203	186	198	203	200 ⁷ / ₈	180 ¹ / ₅	203 ¹ / ₁₀	240 ¹ / ₃	261	289	337	325
Per cent. of pardons to average population..	7.03	8.76	8.94	6.98	2.00	5.94	15.50	7.77	7.37	7.07	8.42	8.30	5.64	3.38
Per cent. of pardons to number discharged..	12.50	14.91	6.84	13.00	4.82	16.44	32.00	16.09	19.49	13.76	15.98	15.79	12.10	6.53

Statistical Reports.

Statistical Reports.

No. 8.

SHOWING THE WHOLE NUMBER and various characteristics and relations of prisoners received since organization of the prison, statistics dating back to reception of each prisoner:

COUNTIES WHERE FROM.

Ashland	1	Marathon	7
Adams	14	Marquette	13
Brown	63	Milwaukee	596
Buffalo	7	Monroe	63
Barron	1	Oconto	11
Bayfield	3	Outagamie	25
Calumet	9	Ozaukee	9
Chippewa	28	Pepin	6
Clark	7	Pierce	16
Columbia	103	Polk	5
Crawford	33	Portage	29
Dane	191	Racine	99
Dodge	87	Richland	10
Douglas	1	Rock	180
Dunn	27	Sauk	29
Door	4	Shawano	7
Eau Claire	35	Sheboygan	25
Fond du Lac	81	St. Croix	21
Grant	101	Taylor	4
Green	33	Trempealeau	17
Green Lake	15	Vernon	30
Iowa	25	Walworth	79
Jackson	20	Washington	11
Jefferson	89	Waukesha	58
Juneau	32	Waupaca	23
Kenosha	44	Waushara	17
Kewaunee	2	Winnebago	62
La Crosse	129	Wood	8
La Fayette	27	United States	25
Manitowoc	32		

COLOR.

White	2,647	Indian	9
Black	62	Mulatto	11

SEX.

Male	2,610	Female	119
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AGES.

Under 12 years	3	From 50 to 60	143
From 12 to 20	500	From 60 to 70	33
From 20 to 30	1,260	From 70 to 80	9
From 30 to 40	545	From 80 to 90	2
From 40 to 50	234		

TABLE No. 8. — *Statistical Reports.*

NATIVITY.

<i>American,</i>		<i>Foreign.</i>	
Alabama.....	3	Atlantic Ocean.....	4
Arkansas.....	4	Bavaria.....	2
Connecticut.....	21	Belgium.....	2
Florida.....	2	Bhemia.....	17
Georgia.....	3	Canada.....	125
Illinois.....	82	Denmark.....	19
Indiana.....	32	England.....	93
Iowa.....	23	France.....	13
Kentucky.....	18	Germany.....	408
Louisiana.....	6	Holland.....	12
Maine.....	42	Hungary.....	4
Maryland.....	7	Isle of Man.....	2
Massachusetts.....	60	Ireland.....	288
Michigan.....	34	Luxemburg.....	1
Minnesota.....	4	Jamaica.....	1
Mississippi.....	8	Mexico.....	2
Missouri.....	20	New Foundland.....	1
New Hampshire.....	19	New Brunswick.....	3
New Jersey.....	13	Norway.....	54
New York.....	594	Nova Scotia.....	7
North Carolina.....	8	Poland.....	5
Ohio.....	140	Russia.....	2
Pennsylvania.....	117	Sandwich Islands.....	1
Rhode Island.....	5	Scotland.....	23
South Carolina.....	4	Sweden.....	11
Tennessee.....	9	Switzerland.....	18
Texas.....	2	Wales.....	10
Vermont.....	61		
Virginia.....	30		
Wisconsin.....	230		

RECAPITULATION.

American.....	1,601; per cent.	58.66
Foreign.....	1,128; per cent.	41.34
	<u>2,729</u>	<u>100.00</u>

CRIMES.

Abortion.....	2
Accessory before the fact to the crime of rape.....	1
Accessory before the fact to the crime of arson.....	1
Accessory to the crime of felony before the fact.....	1
Adultery.....	27
Aiding prisoners to escape.....	6
Altering and forging U. S. treasury notes.....	3
Arson.....	68
Administering poison with intent to kill.....	1
Assault with intent to kill.....	116
Assault with intent to do bodily harm.....	4
Assault with intent to commit manslaughter.....	1
Assault on an officer of state prison.....	2
Assault with intent to maim.....	14

TABLE No. 8. — *Statistical Reports.*CRIMES — *continued.*

Assault with intent to ravish.....	53
Assault with intent to steal.....	21
Bigamy.....	7
Breaking church.....	1
Burglary.....	409
Burglary and larceny.....	74
Burglary with arms.....	5
Burning haystacks.....	1
Conspiracy under section 54, revised statutes U. S.....	1
Claiming and opening letters.....	3
Carrying concealed weapons.....	1
Counterfeiting.....	61
Desertion.....	1
Embezzlement.....	24
False pretenses.....	1
Forgery.....	75
Fraud.....	1
Horse stealing.....	48
Illegal voting.....	3
Incest.....	19
Keeping house of ill-fame.....	27
Larceny of different grades.....	1229
Making false returns as an officer.....	1
Manslaughter, first degree.....	17
Manslaughter, second degree.....	25
Manslaughter, third degree.....	39
Manslaughter, fourth degree.....	18
Mayhem.....	2
Murder, first degree.....	89
Murder, second degree.....	13
Murder, third degree.....	5
Obtaining money on false pretenses.....	27
Passing counterfeit money.....	8
Passing forged order.....	1
Perjury.....	7
Placing obstruction on railroad track.....	8
Poisoning well.....	1
Polygamy.....	26
Prison breaking.....	30
Rape.....	14
Receiving stolen goods.....	8
Robbery.....	61
Seduction.....	4
Sodomy.....	7
Uttering false order for money.....	3
Violating condition of pardon.....	1
Violation of U. S. Statutes.....	2

TABLE NO. 8.—*Statistical Reports.*

OCCUPATIONS.

Auctioneers	1	Gamblers.....	1
Agents	5	Gardeners	1
Artists	24	Gas fitters	7
Bakers	2	Glass blowers.....	1
Broom makers.....	2	Glove makers.....	1
Baker	1	Grain buyers	1
Barbers.....	26	Grooms	1
Ba keepers	8	Gas pipe maker.....	1
Basket maker.....	1	Gau smit s.....	2
Blacksmiths.....	70	Hack drivers	1
Billposter.....	1	Harness makers.....	24
Boatmen.....	2	Horse farriers.....	1
Boiler makers.....	4	Horse shoers.....	1
Bookbinders.....	4	Horse dealers.....	1
Bookkeepers.....	13	Hostlers	23
Boot and shoe fitters	2	Hotel keepers.....	9
Box maker.....	1	House keepers.....	1
Brakeman.....	13	Indian chiefs.....	23
Brewers.....	13	I on forgers	2
Brick layers.....	5	Jewelers.....	5
Brick makers.....	9	Labo ers.....	713
Brush makers.....	8	Lawyers	4
Butchers.....	36	Law students	1
Cabin boy.....	1	Letter carriers	1
Cabinet makers.....	21	L ctur e s.....	1
Carvers	1	Livery stable keepers	1
Civil engineers	1	Lithographers	1
Chair makers	2	Lock makers	1
Carpenters.....	52	Lumbermen.....	42
Cigar makers.....	84	Machinists	25
Circus performers.....	1	Manfs. of musical instruments.....	1
Clergymen.....	5	Mattress makers	1
Clerks.....	56	Masons.....	23
Clock makers	2	Merchants	1
Clothiers	2	Millers	14
Curriers	1	Milliners	2
Confectioners	2	Millwrights	2
Coors.....	59	Miners	13
Coopers	23	Moul ers.....	13
Coppersmiths.....	1	Newsboys	4
Daguerrean case maker	1	None.....	34
Daguerrean artists	1	Painters	59
Dance performers.....	1	Paper folders.....	1
Dentists	1	Paper makers.....	1
Detectives	1	Peddlers	8
Distillers	2	Puddlers	1
Draughtsmen.....	1	Physicians.....	21
Draymen	3	Photographers.....	6
Dress makers	4	Plasterers.....	3
Druggists.....	1	Pottery makers.....	1
Editors	1	Porters	1
Engineers	24	Printers	17
Engravers.....	1	Pro uce dealers.....	1
Farmers.....	646	Paper hangers.....	1
Finishers.....	5	Publishers.....	2
Firemen	11	Raftsmen.....	10
Fishermen.....	7	Railroaders.....	4

TABLE No. 8. — *Statistical Reports.*

OCCUPATIONS—continued.

Railroad contractors.....	1	Stone masons	3
Railroad overseer	1	Store keepers	5
Railway post office clerk ...	1	Tanners	4
Real estate dealers	2	Tailors	17
Revenue officers.....	2	Tailoress	1
Reporter	1	Tobacconist.....	1
River boatmen	9	Tavern keepers.....	6
River pilot.....	1	Teachers.....	7
Sailors.....	117	Teamsters.....	43
Sail maker.....	1	Telegraph operators.....	3
Saloon keepers.....	9	Ticket agent	1
Sash and blind maker	1	Trapper.....	1
Sawyers	6	Trunk maker	1
Seamstresses.....	12	Tinsmiths	7
Servants	36	Tool maker.....	1
Shingle maker.....	2	Traveling agents	3
Ship Carpenters.....	7	Turner	1
Sail maker.....	1	Typists	1
Shoemakers.....	70	Upholaterer.....	1
Showmen	5	Vagrant	1
Silk manufacturer.....	1	Wagon makers.....	10
Silversmiths	3	Washerwomen	2
Slaters.....	3	Waiters.....	3
Soap maker.....	1	Watchmakers	8
Soldiers	11	Weaver.....	1
Stage drivers.....	5	Well digger.....	1
Steamboatmen	1	Wheat buyer	1
Steam fitter	1	Wheelwright.....	1
Stave jointer	1	Woolen mill operative.....	1
Stone cutters.....	27		

TABLE No. 8. — *Statistical Reports.*

SENTENCES.

During life	97	2 years and 1 month.....	1
20 years	2	2 years and 10 days.....	1
15 years	3	2 years and 5 days.....	3
14 years	4	2 years and 3 days.....	2
13 years	4	2 years and 1 day	4
12 years	15	2 years	617
11 years	3	1 year and 11 months.....	1
10 years and 6 months.....	1	1 year, 10 months and 10 days..	1
10 years	42	1 year, 10 months and 5 days...	1
9 years and 6 months.....	1	1 year and 10 months.....	2
9 years	3	1 year and 9 months.....	3
8 years and 2 months.....	2	1 year and 8 months.....	4
8 years	16	1 year, 7 months and 15 days...	1
7 years and 5 days	1	1 year, 6 months and 5 days....	1
7 years	35	1 year and 6 months.....	114
6 years and 6 months.....	1	1 year and 5 months.....	2
6 years	19	1 year and 4 months.....	7
5 years and 6 months.....	1	1 year and 3 months.....	15
5 years	115	1 year and 2 months.....	3
4 years and 10 months.....	1	1 year, 1 month and 7 days	1
4 years and 8 months.....	1	1 year and 1 month.....	1
4 years and 6 months.....	7	1 year and 10 days	7
4 years and 3 months.....	1	1 year and 3 days	2
4 years	106	1 year and 1 day	9
3 years and 6 months.....	12	1 year	854
3 years and 4 months.....	3	10 months	7
3 years and 1 day	1	9 months	40
3 years	239	8 months and 10 days.....	1
2 years and 11 months.....	1	8 months	29
2 years and 9 months.....	4	7 months	4
2 years and 8 months.....	3	6 months and 3 days.....	2
2 years 6 months and 10 days.	1	6 months and 1 day	2
2 years and 6 months.....	49	6 months	177
2 years and 4 months.....	3	5 months	1
2 years and 3 months.....	9	Remainder of term.....	1
2 years and 2 months.....	1		

Statistical Reports.

No. 9.

TABLE, showing prison population, also number of female prisoners and life members at the close of each fiscal year since organization of the prison, also number pardoned, died, committed suicide and escaped during the same year.

DATE.		Females.	Life prison'rs	Pardoned.	Died.	Suicide.	Escaped.
April 1, 1852.....	15	.....	.....	.....	.....	.....	.....
December 31, 1852.....	28	2	.....	.....	.....	.....	1
December 31, 1853.....	61	5	.....	.....	1	.....	.....
December 31, 1854.....	71	5	.....	13	.....	.....	.....
December 31, 1855.....	72	4	8	14	1	.....	.....
December 31, 1856.....	108	.....	12	13	1	1	.....
December 31, 1857.....	160	.....	.....	.....	.....	.....	.....
December 31, 1858.....	202	.....	.....	16	1	.....	.....
December 31, 1859.....	182	.....	.....	29	2	.....	.....
September 30, 1860.....	170	12	.....	25	1	.....	1
September 30, 1861.....	137	12	.....	26	.....	.....	.....
September 30, 1862.....	116	4	16	5	.....	.....	.....
September 30, 1863.....	131	8	20	14	.....	.....	2
September 30, 1864.....	120	14	22	9	1	.....	2
September 30, 1865.....	97	6	24	15	2	.....	2
September 30, 1866.....	169	10	27	13	1	1	.....
September 30, 1867.....	206	15	30	16	.....	.....	.....
September 30, 1868.....	184	8	33	11	1	.....	.....
September 30, 1869.....	180	3	31	13	1	.....	.....
September 30, 1870.....	195	2	35	5	.....	.....	.....
September 30, 1871.....	191	2	35	12	1	1	.....
September 30, 1872.....	187	7	36	13	2	.....	.....
September 30, 1873.....	180	5	36	14	1	.....	.....
September 30, 1874.....	230	7	40	18	1	.....	.....
September 30, 1875.....	248	12	37	19	2	.....	2
September 30, 1876.....	266	13	40	22	1	1	.....
September 30, 1877.....	290	10	42	27	2	2	.....
September 30, 1878.....	346	6	45	19	2	.....	1
September 30, 1879.....	309	7	48	11	1	.....	.....
Total.....	.....	.....	.....	392	26	6	11

“A.” — Detailed Statement of Disbursements.

“A.”

DETAILED STATEMENT OF DISBURSEMENTS

For the Year Ending September 30, 1879.

RELIGION AND MEANS OF INSTRUCTION.

Playing organ in chapel during service, for the year ending April 14, 1879	\$25 00	
<i>School:</i>		
2 boxes slate pencils	45	
24 Robinson's Primary Arithmetic.....\$0 18....	4 32	
24 Robinson's Rudiments of Arithmetic... 0 32....	7 68	
24 Robinson's Practical Arithmetic..... 0 68....	16 32	
48 Sanders' Union Spellers	8 64	
24 Model First Readers..... 0 32....	7 68	
12 Model Second Readers..... 0 37....	4 44	
12 Model Third Readers..... 0 58....	6 96	
24 National Fourth Readers..... 1 00....	24 00	
12 Warren's Geography..... 1 30....	15 60	
2 doz. slates..... 0 84....	1 68	
Total		\$122 77
AMUSEMENTS.		
1 set Bones for concert	\$1 25	
2½ yds. Rubber for concert.....	25	
Sheet music	6 36	
1 Tambourine	3 00	
1 yd. Tarlatan.....	30	
Wigs and hair	95	
Playing organ.....	3 00	
Total.....		\$15 11
NEWSPAPERS.		
<i>Weekly:</i>		
Waupun Times, 2 years.....	\$3 50	
Christian Statesman, 5 copies, 1 year.....	7 50	
Wisconsin Telegraph, 3 years.. ..	6 00	
Milwaukee Herald, 1 year and 4 months.....	4 00	
Fond du Lac Journal, 1 year... ..	2 00	
Dodge County Democrat, 3 years and 6 months.....	5 25	
Ripon Commonwealth 2 years	3 50	
Janesville Gazette, 1 year and 5 months	2 56	
<i>Daily:</i>		
Fond du Lac Commonwealth, 1 year and 114 Nos...	13 70	
Milwaukee Sentinel, 1 year.....	10 00	
Milwaukee Wisconsin, 1 year.....	9 00	
Milwaukee News, 1 year	8 00	
Total.....		\$75 01

"A."—Detailed Statement of Disbursements.

ADVERTISING AND PRINTING.			
Advertising, "Notice to Contractors," Waupun Leader		\$3 50	.....
In Waupun Times		3 90	.....
In Mayville Telephone		3 90	.....
In Fond du Lac Commonwealth, daily and weekly, two weeks		8 00	.....
In Milwaukee Sentinel, daily, two weeks		13 00	.....
250 pamphlets, "Rules and Regulations of the Prison"		24 00	.....
700 convict rules on sheets		7 00	.....
Printing postal cards, "Convict Escaped"		1 50	.....
Order books and receipt books		11 05	.....
Total			\$75 85
STATIONERY.			
1/2 dozen sheets drawing paper		40	.....
1 book, blank drafts		46	.....
6 erasers, rubber		70	.....
3 dozen bottles ink, small		1 50	.....
1 bottle ink, blue		25	.....
1 bottle ink, Ind.		30	.....
1 pass book		20	.....
<i>Blank books.</i>			
1 index for record of conduct		1 00	.....
2 journals, 4 and 5 quire		2 15	.....
2 record, 4 and 6 quire		2 60	.....
Total			9 56
DRUGS.			
1 1/2 quarts alcohol and bottles		1 30	.....
7 ounces alcohol		17	.....
5 ounces arsenic		20	.....
1 1/3 pounds aqua ammonia and bottles		50	.....
22 1/2 ounces acid, carbolic, and bottles		1 85	.....
4 1/2 pounds acid, mur. dil.		88	.....
3 ounces acid, citric		18	.....
4 ounces acetate pottassium and bottle		30	.....
1 ounce acetate saleratus		35	.....
1/2 gallon acetate and bottle		38	.....
4 ounces brandy and bottle		20	.....
5 1/6 pounds bromide pottassium		3 70	.....
3 bottles bromide chloralum		1 20	.....
2 bottles with glass stoppers		30	.....
3 1/2 dozen bottles, assorted		1 00	.....
1 gallon castor oil		1 55	.....
1/4 round Cayenne pepper		15	.....
1 pound cologne		50	.....
2 bottles citrate magnesia		60	.....
15 1/2 bottles cod liver oil		7 05	.....
9 bottles cod liver oil, Scott's Ev		7 35	.....
4 ounces chlorate potash		15	.....
cough mixtures		3 95	.....
2 ounces caraway seed		10	.....

"A.—Detailed Statement of Disbursements.

DRUGS—continued.

11 $\frac{1}{2}$	pounds chloroform, and bottle	\$1 35
191 $\frac{1}{2}$	dozens corks, assorted	1 00
1 $\frac{1}{2}$	ounce Croton oil, and bottle	25
1 $\frac{2}{3}$	pounds Doves powders	2 75
10	ounces essence peppermint	50
1	bottle Jamaica ginger	30
9	ounces elixer, and bottles	75
40	pounds epsom salts	2 00
1	drachm extr. opium	30
2	ounces elm bark	5
	Extracting teeth	1 70
4	ounces fluid extract bloodroot	35
181 $\frac{1}{4}$	ounces fluid extract dig., and bottles	1 36
4	ounces fluid extract stilingia	45
8	ounces fluid extract chom.	1 20
2	ounces fluid extract ergot	50
8	ounces fluid extract Ae., and bottle	80
1 $\frac{1}{2}$	ounce fluid extract belladonna	10
2.11	pounds fluid extract gentian, and bottle	3 50
6	ounces fluid extract lobelia	60
4	pounds flaxseed	15 00
10	forceps, @ \$1.50	15 00
3 $\frac{1}{3}$	pounds German tea	1 78
41 $\frac{1}{2}$	ounces glycerine, and bottles	1 60
1 $\frac{2}{3}$	pounds gum camphor	80
1	pound globules	45
1	bottle ginger	30
1	pound hellebore, white	40
21 $\frac{1}{2}$	pints Holland gin	1 60
1	bottle Hamburg drops	30
323 $\frac{3}{4}$	ounces iodine pottassium	13 80
1 $\frac{1}{4}$	pound ipecac, powder	50
2	bottles liniment	1 35
7	gallons liniment	7 55
39	ounces laudanum, and bottles	3 40
1	bottle morphine	60
1	bottle mixture opium	55
14	bottles medicine	3 10
31 $\frac{1}{3}$	pounds mustard, ground	1 62
1 $\frac{1}{2}$	ounce nit. am.	40
131 $\frac{1}{2}$	quarts neutral cordial	11 75
7	pounds neutral cordial	3 58
14	boxes ointment	1 90
31 $\frac{1}{2}$	pounds olive oil	1 20
1	ounce oil stillingia	75
1	ounce oil lobelia	75
4	ounces oil cay., and bottle	45
21 $\frac{1}{4}$	ounces opium	1 15
6	pounds paregoric, and bottles	4 48
23	dozen pills	2 48
6	boxes pills	90
1	lot pills	1 00
4	plasters	68
2	rolls plaster, adhesive	80
	Prescription and mixtures	38 66
4	drachms pepsin, and bottles	50

"A."—Detailed Statement of Disbursements.

DRUGS — continued.			
1½	ounces rhubarb	21	
3	pounds soda carb.	33	
2	boxes salves	20	
3	sponges	60	
6	suspender bandages	1 25	
½	pound spemacti	25	
10	pounds saltpre er, strictly pure	1 63	
	surgeons lint	5	
29	ounces spirits camphor	1 35	
3.1	pounds spirits nitre	1 80	
3	ounces sulphuric ether and bottle	20	
4	pounds sulphur	23	
¾	pounds sulphur and cream tartar	25	
4½	ounces sulphur and quinine	16 95	
1½	dr chms sulphur and quinine	80	
6	ounces sulphate zinc and bottles	15	
4	ounces sulphur soda	20	
9	ounces sulphur conch	10 10	
2	bottles sulphur muph	1 15	
1½	ounces sublimate nitre bismuth	40	
5	syringes	55	
2	syringe valves	10	
4	ounces tincture coh., and bottle	20	
12	ounces tincture opium, and bottle	10	
6	ounces tincture dig.	30	
6	ounces tincture arnica	15	
8.1	pounds tincture murite of iron	3 55	
8	ounces tincture iodide, and bottles	75	
5¼	ounces tincture cactus, and bottles	1 95	
2	ounces tincture puls	25	
4	ounces tincture capsicum	1 73	
1	bottle tonic of health	20	
4	trusses	10 25	
4	ounces witch hazel	20	
3	boxes waters	50	
3½	quarts brandy	5 80	
4	gallons 1½ quarts whisky	15 05	
	Total		\$260 73
FORAGE.			
4	tons bran	\$8 00	\$32 00
12.60	bushels corn	40	5 14
124.57	bushels corn	35	43 69
311	bushels corn	30	93 30
22.36	bushels corn	20	4 50
	weighing		65
3½	tons feed	12 00	42 00
1	ton feed		15 00
8.10	tons hay	5 00	42 52
3.96	tons hay	4 50	15 67
2.90	tons hay	4 00	9 80
5.18	tons hay	3 50	20 70
7	tons hay	3 00	21 00
	weighing		45

"A."— Detailed Statement of Disbursements.

FORAGE. — (continued.)		
180.30 bushels oats	25c	\$45 23
67.06 bushels oats	28c	18 81
Pasturing 4 cows from April 28 to Sept. 30, 50 cents a week each		44 56
Driving cows to pasture during same time, 50c a week		11 14
Total		\$466 16
BARN.		
1 Curry comb and brush		1 50
1 Hay fork		75
1 Duster, carriage		1 25
1 Fly sheet		1 40
Shoeing horses		3 50
Use of boar during season		3 00
Total		\$11 40
1 3-seated carriage		120 00
TOOLS, SEEDS AND PLANTS FOR FARM AND GARDEN.		
<i>Tools —</i>		
1 Cultivator		7 00
1 Corn knife		30
1 Lawn mower		16 65
4 Hoes		2 00
1 Scythe		1 00
4 Scythe stones		55
<i>Sundries —</i>		
1 Flowerpot		35
24½ lbs. Paris green — 20 lbs. at 25c., 4½ lbs. at 50c.		6 80
1 Vase, rustic		1 75
Seeds and plants		32 26
7 nights' watching on farm	\$1.25	8 75
Total		\$77 41
FUEL.		
132 cords basswood	\$2.25	\$297 00
203 cords basswood	2.00	406 00
122.112 cords basswood	1.99	244 53
132.80 cords basswood	1.90	251 91
75.65 cords poplar	1.95	88 72
148.16 cords poplar	2.00	306 25
38.32 cords poplar	2.25	86 06
264½ cords oak	3.00	793 50
152½ cords oak	2.90	442 24
140.34 cords oak	2.75	387 07
Total		\$3,303 23
LIGHTS.		
1 dozen burners, hinge		\$2 50
20 dozen burners, for cell-room	\$1.25	25 00
10 dozen burners, for cell-room	1.00	10 00
3 brackets for lamps		1 50

"A." — Detailed Statement of Disbursements.

LIGHTS — continued.				
18	dozen chimneys, No. 5.....	60	\$10 80	
6	dozen chimneys, No. 2.....	81	4 86	
30	dozen chimneys for cell rooms.....	50	15 00	
3	dozen chimneys, large.....		3 00	
	boxes.....		3 20	
1	dozen candles for lantern.....		50	
1	chandelier.....		6 00	
1	dozen balls candlewicks.....		50	
1	dozen faucets, No. 2.....		2 00	
1	dozen globes, tubular.....		1 25	
2	lampshades and frames.....		1 50	
4	lampshades.....		1 55	
10	dozen lamps for cellroom.....	2 50	25 00	
2	dozen lamps, night.....		50	
6	dozen lamps, cellroom.....	3 50	21 00	
3	boxes matches.....		17 35	
2	dozen boxes matches.....	75	1 50	
4	match safes.....	25	1 00	
654	gallons oil, headlight.....	15	98 10	
915	gallons oil, headlight.....	144½	132 67	
409½	gallons oil, headlight.....	13½	55 27	
396½	gallons oil, headlight.....	13	51 55	
406	gallons oil, headlight.....	11½	46 69	
	repairing lamp.....		10	
40	dozen wicks for cellroom.....		2 00	
1	dozen wicks, round.....		15	
	Cartage.....		7 05	
	Less discount.....		\$549 09	
	Total.....		1 25	\$547 84
LAUNDRY.				
103	pounds borax.....	11	\$11 13	
32	pounds borax.....	10	3 20	
5	pounds borax.....	20	1 00	
	boxes.....		50	
8	boxes bluing.....		70	
4	baskets clothes.....		4 00	
2	boxes clothes pins.....		1 15	
4	dozen clothes pins.....	5	20	
6	clothes lines.....		2 28	
5	bars castile soap.....		1 05	
60	pounds soap.....	51½	3 30	
60	pounds soap.....	4¾	2 85	
1	gross soap, Colgate's.....		4 10	
2	boxes soap, toilet.....		2 75	
608	pounds soda caustic.....	51¼	31 92	
573	pounds soda caustic.....	5¾	32 95	
120	pounds starch.....	7¾	9 30	
27½	days washing.....	1 00	27 50	
2	washboards.....		60	
1	wringer, Universal.....		12 50	
5	wringer rollers, 1½ pounds.....	50	6 00	
	boxes and cartage.....		1 05	
	Total.....			160 23

"A." — Detailed Statement of Disbursements.

HOUSE FURNISHING,		
INCLUDING KITCHEN AND CELLROOM.		
6	dozen brooms 4, \$1 50; 1, \$1 75; 1, \$2 00	\$9 75
4	dozen brushes, scrubbing 2 00	8 00
3	dozen brushes, scrubbing 2 00	6 75
	boxes	20
2	boxes blacking 10c	20
1	dozen combs, dressing	1 40
1	set carvers	2 50
100	yards crash 11c	11 00
40 $\frac{2}{3}$	yards carpet 85c	34 57
15	pounds copperas	60
	curtain fixtures	85
14	yards chintz 10c	1 40
1 $\frac{1}{2}$	yards damask \$1 25	1 88
2	door springs	50
1	door knob	45
8	elbows, Russia \$1 00	8 00
1	elbow, 7 inch	45
12	yards fringe 25c	3 00
2	sheets fly paper 5c	10
1	set foot rests	1 00
$\frac{1}{2}$	pounds of gum arabic	50
1	lock, brass	65
4	lambrequins, with cornices \$7 00	28 00
	making same	2 00
1	dozen napkins	1 44
1	piece oil cloth	1 00
2	joints pipe	1 40
9	pictures for offices, 6 chromos and 3 engravings.	23 25
15	yards picture wire	70
2	bunches picture cord	95
3 $\frac{1}{2}$	dozen picture nails	1 95
1 $\frac{1}{2}$	dozen stove polish	1 50
16	yards satin 65 c	10 40
10	yards shading 27 $\frac{1}{2}$ c	2 75
1	sheepskin mat	1 25
8	shades, complete 3, \$1 65; 5, \$1 50	12 45
1	stove, Garland, No. 5	46 00
1	stove, rail	3 00
6	yards table linen 75 c	4 50
233 $\frac{1}{2}$	yards toweling 11 $\frac{1}{2}$ c	26 86
10	yards toweling 10 c	1 00
3 $\frac{1}{2}$	dozen towels 1, \$3 00; 2 $\frac{1}{2}$, \$2 00	8 00
3	tidies 1, 60c; 2, 30 c	1 20
1	toilet set	2 50
3	traps, rat	1 40
2	mouse	50
16	yards wire cloth 40 c	6 40
15	feet wire cloth 12 c	1 80
30	feet wire cloth 4 $\frac{1}{2}$ c	1 35
4	rolls wall paper 65 c	2 60
59	rolls wall paper 30 c	17 70
23	rolls wall paper 25 c	5 75
27	rolls wall paper 15 c	4 05

"A." — Detailed Statement of Disbursements.

HOUSEFURNISHING — continued.				
7	rolls wall paper border.....	20	\$1 40	.....
58	yards wall paper border.....	6	3 48	.....
46	yards wall paper border.....	3½	1 61	.....
4	yards wall paper border.....		10	.....
5	zinc boards.....	\$2 50	12 50	.....
14	pounds zinc sheets.....	10	1 40	.....
<i>Crockery —</i>				
1	butters.....		1 50	.....
1	basket fruit.....		1 50	.....
2	bowles, sugar.....		1 00	.....
1	bowle, large.....		90	.....
1	bowle and plate.....		1 25	.....
2	bowles, covered.....	70	1 40	.....
1	creamer.....		65	.....
4	creamers.....	24½	1 00	.....
1	cake stand, glass.....		1 00	.....
2	comports.....		1 13	.....
1	dinner set, Duncan and Brown.....		48 00	.....
2	dishes, China.....	1 50	3 00	.....
2	dishes, yellow.....	12½	25	.....
4	dishes, large.....	18	72	.....
4	dishes, medium.....	15	60	.....
1	dish, deep.....		30	.....
2	dozen goblets.....	\$1 50; 1 75	3 25	.....
1	gravy boat.....		40	.....
4	jars, glass.....		50	.....
1	jug, Camboos.....		30	.....
2	platters.....	60	1 20	.....
½	dozen plates.....	1 10	55	.....
1	plate, pie.....		1 25	.....
1	plate.....		30	.....
3	pitchers.....		95	.....
1	pitcher.....		20	.....
1	dozen teas.....		1 50	.....
1	teapot.....		55	.....
1	dozen tumblers.....		1 00	.....
1	tray, bread.....		75	.....
<i>Kitchen —</i>				
1	bung borer.....		2 25	.....
5	bath brick.....		50	.....
4	cake tins, large.....	25	1 00	.....
1	coffee mill, California.....		1 50	.....
1	egg beater.....		50	.....
1	frying pan.....		60	.....
1	flour sieve.....		30	.....
1	fluter, Geneva.....		1 50	.....
1	freezer, ice cream.....		5 00	.....
2	set knives and forks.....	1 50	3 00	.....
1	Mal. Gate.....		2 85	.....
1	Mal. Gate.....		60	.....
1	pancake turner.....		75	.....
2	potatoe hooks.....	60	1 20	.....
1¼	dozen powder, polishing.....		2 50	.....
4	dozen rubbers for cans.....	20	80	.....
1	soup ladle.....		25	.....
1	spider, No. 8.....		40	.....

"A" — Detailed Statement of Disbursements.

HOUSEFURNISH — continued.			
<i>Kitchen</i> — continued.			
1	skimmer.....		\$ 10
½	dozen spoons, 14 in.....		1 00
1	dozen spoons.....		20
1	wire boiler.....		75
1	whifle i. on.....		75
<i>Cellroom</i> —			
1½	dozen brushes, shaving.....		4 48
8	pounds bed bug exterminator.....	\$1 50	12 00
4	bed bug bellows.....		2 00
14	dozen combs.....	65	9 10
1	comb for hair cutting.....		35
½	pound gum camphor.....		25
2	quarts ink, ind.....		9 00
	grinding razors.....		1 50
12	dozen knives and forks.....	1 10	13 20
1	razor strap and cup.....		1 50
8	boxes soap, shaving.....		16 50
4	pairs spectacles.....		1 88
1¼	gross spoons, table.....		6 88
1	pair shears, barber.....		1 35
¼	dozen W. W. brushes.....		3 57
2	dozen W. W. brushes.....	\$41 40, 14 40	55 80
½	dozen wall paint brushes.....		3 00
	cartage.....		3 57
			\$588 96
	less discount.....		1 11
	Total.....		\$587 85
HARDWARE.			
2	pairs butts.....		\$ 16
70	pounds cast steel, 1½ inch.....	\$ 14	9 80
4½	pounds cast steel.....	20	90
1000	china nails.....		2 00
1	pair hinge straps.....		15
	hooks and screws.....		60
½	dozen keys.....		25
2	locks, brass.....	65	1 30
1	lock drawer.....		30
78	pounds iron.....	15	11 70
178	pounds iron, Am. russ.....	11	19 58
183	pounds iron, galv.....	7½	13 72
257	pounds iron, sheet.....	3.1	7 97
1	gross rivets, coffin.....		50
1	1 dozen screws, coffin.....		25
134	papers tacks.....		4 75
4	boxes tin 14 x 20.....	11 75	47 00
345	pounds wire.....	¾	25 55
	cartage.....		1 80
	Total.....		\$148 28
MACHINERY AND TOOLS.			
½	dozen bitts, augur.....		88
½	dozen bitts, Jennings.....		2 00

"A."—Detailed Statement of Disbursements.

MACHINERY AND TOOLS—continued.			
1/4	dozen gimlets		1 78
3	axes and helves		3 75
2	axes and helves		2 50
1	dozen backnut for governor		2 50
8	dozen brushes		80
1	dozen brushes—varnish		5 70
1/2	dozen brushes		3 38
2	dozen brushes—paint		1 00
1	dozen brushes—stripers		38
3	dozen scroll pencils		1 25
3	balls candle wicking		25
1	drill socket		1 20
2	dies for lettering		90
1	die 1 1/4 in. and 2 stocks		2 03
3	Emery wheels		10 25
12 3/4	ells		60
1	ells		9
1	file scraper		3 00
3	dozen files, 14 in		13 83
8	dozen files, 12 in \$.41 2/3, 51 1/2		27 49
4	dozen files, 4 in. taper		3 01
1	dozen files, 3 in. taper		60
1/2	dozen files assorted		1 15
1	gear for 1 1/2 in. upright drill		5 00
1	Gallagher's ratchet drill		10 80
11	globe valves		13 50
1	hatchet		1 00
2.24 1/4	inch knives for planers		5 35
2	machine taps		2 41
1	pair nippers		1 40
12	oilers, glass		4 01
2	oil cans, 63c.		1 26
12	plugs, 1 in.		53
12	R & L couplings		76
1/2	dozen rasps, 14 in.		2 93
1	syphon		8 00
1	screw plate, with dies and tap		4 55
1	scale, Union, 240 lbs		11 00
1 1/2	lbs. string leather \$1 00		1 50
1/2	dozen thermometers, 10 in. 4 00		2 00
1	set valves, rubber for pump		6 40
1	set valves, steam drop		1 50
	cartage		90
	Total		\$172 00
PAINTS AND OILS, ALCOHOL AND BOTTLES.			
	alcohol and bottles		55
2	gallons benzine		80
100	lbs boiler compound 10	10 00	
5	lbs. blue, Prussian 47	2 35	
7	lbs. chromo yellow 15	1 05	
10	lbs. drop black 50	5 50	
10	lbs. drop black, in oil 17	1 70	
337	lbs iron ridge paint 2 1/4	7 58	
20	lbs. Marseilles green 18	3 60	
5	lbs. Marseilles green 25	1 25	
51	gallons naptha 14	7 14	
52	gallons naptha 12 1/2	6 50	
122	ochre 2 3/4	3 36	

"A."—Detailed Statement of Disbursements.

PAINTS, OILS, ALCOHOL, Etc — continued.				
47	gallons oil cylinder	75	\$35 25	
53	gallons oil linseed	65	34 45	
52½	gallons oil linseed	67	35 17	
1	gallon oil linseed		70	
50	gallons oil sperm	50	25 00	
50½	gallons oil sperm		20 20	
3	gallons oil sperm	1 50	50	
1	quart oil neatsfoot		4 50	
10	pounds paint		2 25	
10	pounds red lead	12½	1 25	
48	pounds red lead	10	4 80	
112	pounds red lead	7½	8 40	
50	pounds red lead	6¼	3 13	
1	pound sienna, raw		30	
2	pounds vermilion, Am	18	36	
1	pound vermilion, Eng		70	
36	gallons turpentine	04	16 50	
47½	gallons turpentine	33	15 67	
48	gallons turpentine	30	14 40	
4	pounds tuscan red		20	
1½	gallons varnish		4 88	
592½	pounds whitelead	1-10	46 77	
	cartage		2 48	
			328 74	
	Less discount		1 71	
	Total			\$327 03
CLOTH FOR UNIFORMS, OFFICERS.				
124½	yards	3 00		\$373 50
TAILORSHOP.				
2	pounds beeswax	60	70	
2	pieces braid	60	1 20	
1	gross buttons, pants		1 50	
15	gross buttons, coat		13 14	
5	gross buttons, vest		2 58	
6	gross buttons, agate		90	
6	dozen Barbour's spools	1 15	6 90	
6	boxes buckles	25	1 50	
45	yards bleached	12	5 40	
45	yards bleached	9½	4 28	
98	yards bleached	7½	7 35	
2	boxes crayon	25	50	
12	yards cambric	12½	1 50	
9½	yards cambric	08	76	
1124¼	yards cotton flannel	14	157 40	
167½	yards cotton flannel	12¼	20 93	
165½	yards cotton flannel	11	18 20	
80	yards canvass	18	14 40	
40	yards canvass	14	5 60	
40	yards canvass	13	5 20	
339¼	yards doeskin	45	152 89	
97¾	yards doeskin	32½	31 77	
16	yards dress goods	10	1 60	
348¼	yards duck	13	45 27	

"A."—Detailed Statement of Disbursements.

TAILORSHOP. — (continued.)				
66	yards flannel	32½	\$21	45
7	yards flannel	30	2	10
5	yards flannel	25	1	25
7	yards flannel, red.		3	25
	G. O. suit, paid in lieu of to H. C. Damon		5	00
43½	yards gingham	8½	3	68
5.10	bats	6 00	35	00
1,560¾	yards Hamilton stripe	11½	179	49
175¼	yards Hamilton stripe	11	19	28
262¼	yards Hamilton stripe	10½	27	54
3	pairs hose		1	15
	hooks and eyes			8
162	yards Jean	12½	20	25
100½	yards Jean	11½	11	56
158¾	yards Jean	8	12	70
644½	yards Lancaster cotton	7¼ to 8½	51	87
286½	yards Lancaster cotton	6¼	17	91
2	dozen bottles machine oil		2	45
½	dozen mittens	9 00	4	50
3½	dozen needles machine	50	1	67
200	needles for knitting machine		5	00
70	pounds knitting cotton	35-40	26	90
1,582¾	yards prison grey	85	1,345	34
16	yards print	7	1	12
214¼	yards print, "Amassa"	15 to 16	33	16
3	packages pins	1 20	1	20
1,457¼	yards sheeting	6 to 8½	104	26
113¾	yards satinete	45	51	19
107½	yards satinete	33	35	47
500¼	yards satinete	125 06		
	less 5 per cent.	6 25		
			118	81
3	spools silk		2	35
1	shirt and pair drawers		1	00
1	shirt pattern			75
180½	yards Silecia	11½	20	76
3	dozen boxes thread	57½	1	73
120	dozen boxes thread	55	66	00
2	dozen tape measures			28
2	dozen undershirts and drawers		1	75
6	vests	50	3	00
50½	yards wigan	8	4	04
16	wadding	20	3	20
5	pounds yarn, scarlet	95	4	75
15	pounds yarn, white	75	11	25
95	pounds yarn, blue mixed	70	59	50
60	pounds yarn, white	65	39	00
	Cartage			85
			\$2,866	31
	less discount		103	20
	Total			\$2,763 11
SHOESHOP.				
3	dozen awls		51	
2	dozen aprons		2	00

"A." — Detailed Statement of Disbursements.

SHOE SHOP — (continued).

4 pairs Boots, \$4.50	\$18 00	.....
1 gross Crimping jacks	35	.....
Extra work, paid to H. Lewis	3 00	.....
1 Knife	15	.....
2 doz. Laces	15	.....
3 lbs. Nails	65	.....
9 qts. Pegs	46	.....
262 pairs Shoes, \$1.25	327 50	.....
1 pair Shoes	1 75	.....
<i>Leather:</i>		
230¾ lbs. Sole leather, 22-30	54 29	.....
16½ lbs. Calf leather, 35-40	6 21	.....
1 Sheep skin	1 00	.....
Russett hairs	1 00	.....
	\$417 02	.....
Less credit for 68 lbs. sole leather pieces, \$0 12	8 16	.....
Total		\$408 86

WAGON & BLACKSMITH SHOP.

1	Axle pulley	\$0 10	.....
53 lbs.	axles comm., 1½×8, \$0 4⅓	2 51	.....
103 sets	bolster plates	24 80	.....
1,082 sets	bolts, assorted	12 44	.....
3 bbls.	charcoal	3 25	.....
16 bush.	charcoal	4 78	.....
12 tons	coal, \$5.25	63 00	.....
12 tons	coal, 4.40	52 80	.....
	freight on 2 calves	38 40	.....
15,860 feet	dim. boards, \$12	190 32	.....
4 dozen	hooks	75	.....
157 lbs.	iron, 1¼ inches square	4 52	.....
280 lbs.	iron, ¾ inches square	\$0 02½	5 95
96 lbs.	iron, 1⅜ inches square	0 01.85	1 77
980 lbs.	iron, ¾ in. box	\$0 03 to 0 03½	31 54
2,126½ lbs.	iron, round	0 02 to 0 03½	47 58
261 lbs.	iron, 1½×1½	0 02	5 22
3,777 lbs.	iron, band, 1½, 1¾	\$0 02½ to 0 03	95 82
165 lbs.	iron, hoop	0 04 to 0 04½	6 81
561 lbs.	iron, half round	0 03 to 0 04	19 27
121 lbs.	iron, rod	0 04	4 84
43 lbs.	iron, swedes	0 05	2 15
7 kegs	nails, 40d	2 20	15 40
2 kegs	nails, 6d	2 75	5 50
3 kegs	nails, 8d, clinch		10 90
7 lbs.	nails, horse		1 85
45 lbs.	nails, 3d. and 6d		2 20
470 lbs.	nuts, assorted	\$0 04 to \$0 07	23 01
138 days'	painting wagons	1 50	207 00
12 lbs.	rivets, black	0 42	5 04
550 lbs.	rivets, assorted	\$0 08 to 0 09	47 60
100 sets	skeins, 3¼ and 3½		205 92
28 quires	sand paper		7 07
50 sets	seat springs	\$0 70	35 00
105 lbs.	seat hooks	0 06½	6 83

“A.”—Detailed Statement of Disbursements.

WAGON AND BLACKSMITH SHOP—continued.			
59 gross screws, 1 in No. 10.....		\$9 67	.....
3 gross screws, 3½ in No. 14.....		4 10	.....
6 gross screws, assorted.....		1 21	.....
1,320 pounds tire, 1½ x 9-16.....	22 5	29 70	.....
12,419 pounds tire, 1½ and 1 5-8 x ½.....	1 85	229 79	.....
85 pounds tire, ¼ x 3-8.....	1 05	1 66	.....
35 pounds washers, assorted, .....5½ to 7		2 73	.....
122 pounds whipple tree clips	07	8 54	.....
cartage		5 65	.....
		1,484 99	
Less discount		16 72	
Total			1,468 27
GENERAL REPAIRS.			
January 2.			
<i>Bought of Hoffman, Billings & Co—</i>			
2 2 globe valves.....	7 00	14 00	.....
6 1 globe valve.....	2 50	15 00	.....
6 2 tees.....	70	4 20	.....
6 1½ tees.....	43	2 58	.....
24 1 ells.....	17	4 08	.....
24 ¾ ells.....	11	2 64	.....
12 1 tees.....	20	2 40	.....
12 ¾ tees.....	14	1 68	.....
12 1 union.....	40	4 80	.....
12 ¾ union.....	32	3 84	.....
12 ½ bushings.....	07	84	.....
12 ¾ bushings.....	09	1 08	.....
12 ¼ bushings.....	12	1 44	.....
12 ¼ bushings.....	15	1 80	.....
12 1 ½ bushings.....	20	2 40	.....
12 2 bushings.....	30	3 60	.....
12 ½ reducers.....	10	1 20	.....
12 ¾ reducers.....	12	1 44	.....
12 1 ¼ reducers.....	28	2 40	.....
12 1 reducers.....	14	1 68	.....
12 1 ½ reducers.....	28	3 36	.....
12 2 reducers.....	44	5 28	.....
		81 74	.....
53 per cent.....		44 95	.....
			36 79
1 1 R. H. Die.....		2 75	.....
1 1 L. H. Die.....		2 75	.....
		5 50	.....
25 per cent.....		1 37	.....
			4 13
21¼ pounds ½ sheeting.....	55	11 69	.....
50 per cent.....		5 84	.....
			5 85
4¼ pounds hemp.....	35	.....	1 49
12 1 inch rev bends.....	25	3 00	.....
55 per cent.....		1 65	.....
			1 35
box.....			25

"A." — Detailed Statement of Disbursements.

GENERAL REPAIRS—continued				
January 2.				
128¾	feet ¾ pipe	9	\$11 54	.....
61½	feet 1½ pipe	22	13 44	.....
65½	feet 2 pipe	31	20 20	.....
			\$45 18	.....
55 per cent.....			24 85	.....
				\$20 33
Cartage				25
May 3				
100	feet 2½ 4 ply hose.....	1 25	\$125 00	.....
60 per cent.....			75 00	.....
				50 00
2	2½ hose couplings	}	12 00	.....
4	2½ hose bands .....			.....
55 per cent.....			6 60	.....
				5 40
trimmings				59
cartage.....				25
50	feet 2½ 4 ply hose.....	1 25	62 50	.....
60 per cent.....			37 50	.....
				25 00
1	2½ hose coupling with bands.....		6 00	.....
55 per cent.....			3 30	.....
				2 70
trimming				30
May 22.				
20	feet 4 in. pipe		9 00	.....
cutting threads and cartage			1 25	.....
7	pounds borax.....		1 35	.....
50½	pounds castings.....		2 69	.....
5	barrels cement	2 00	10 00	.....
2365	pounds felt.....	1 95	46 11	.....
10	boxes glass, 2, 12 x 16; 2, 12 x 18; 1, 10 x 15; 1, 14 x 18; 1, 9 x 14; 3, 10 x 14.....		16 59	.....
148	lights glass assorted		18 65	.....
1537	pounds grate bars for boilers.....	2½	38 43	.....
express and cartage.....				75
2	barrels lime.....	80	1 60	.....
95	bushels lime	15 to 25	23 95	.....
876	feet lumber, pine.....	16 00	14 02	.....
300	feet lumber, clear plank	28 00	8 40	.....
8½	days plastering in offices and dining room....	3 00	25 50	.....
6	days papering in office, deputy wardens and library.....	2 00	12 00	.....
3	barrels pitch for roofs.....		7 00	.....
2	barrels plaster paris	2 50	5 00	.....
95	pounds nails, assorted.....		4 00	.....
71	days repairing locks in south cellroom..	1 75	124 25	.....
6	days repairing roofs on main building and female prison	1 50	9 00	.....
10½	pounds rope ¾ in.....		1 92	.....
¾	M. shingles, inside gatehouse.....	1 70	1 14	.....
1	bundle sash cord		25	.....

"A."—Detailed Statement of Disbursements.

GENERAL REPAIRS.—(continued.)		
Panel sash, hall in main building		
2 1 7½ by 7 11¼	2 65	5 30
1 3 by 7 11¼	2 75	2 75
2 1 by 3 3/8	2 95	5 90
1 3 by 3 3/8	3 10	3 10
1 2 2½ by 6 3 ½	1 85	1 85
1 double 6 6 by 3 3/8	4 25	4 25
1 double 3 3/8 by 5 3/8	1 05	1 05
1 ball twine.....		25
3 feet wire (sifting sand).....		50
Cartage.....		1 61
		\$564 00
Less discount.....	8 00	
Total.....		\$556 00
FINISHING NORTH CELL ROOM.		
15 barrels cement.....	1 25	18 75
6,259 flagging, 18 cents.....	1,126 62	
480 feet cistern covering, 12 cents ..	57 60	
	1,184 22	
Less amount paid last year	400 00	
		784 22
2 guages, steel		1 50
291 locks	3 00	873 00
81 days labor on iron and locks	1 75	141 75
30 lbs rivets.....	11 ½	3 45
Cartage.....		4 30
		\$1,826 97
Less discount.....	4 47	
Total.....		\$1,822 50
MISCELLANEOUS EXPENDITURES.		
Amount paid to Sam Tiffany, erroneously as convict's deposit		15 00
2 checkbooks and stamps.....		4 40
1 cut "prison view"		10 00
1 map of Dodge County.....		6 00
Examining title to land in Sioux Falls.....		1 00
Expenses taking T. Nolan, a prisoner, to Juneau, to be re-sentenced.....		4 98
5 yards gimp for coffin	8	40
41¾ cords of ice.....	1 25	53 43

“A.”—Detailed Statement of Disbursements.

MISCELLANEOUS EXPENDITURES—continued.		
<i>Paid to collection agents in the matter of claims against—</i>		
I. B. Jones.....	\$3 00	.....
A. E. Crosset.....	6 50	.....
P. K. Everson.....	1 50	.....
L. Parish.....	8 84	.....
Paid to A. Scott Sloan, in matter of Corn Exch. Bank.....	2 50	.....
Paid to J. S. Clear, compensat'n for extra good conduct.....	25 00	.....
Livery and 'bus fare.....	8 25	.....
Paid to Waupun Band for services rendered.....	10 00	.....
Repairing revolver.....	50	.....
Watchman's clock for shops.....	45 00	.....
Watchman's clock for main building.....	10 00	.....
Dials and keys for clock.....	3 95	.....
Subscription to U. S. Rep. and Collection Agency.....	10 00	.....
Total.....		\$250 25
TOBACCO.		
1235 pounds leaf tobacco.....	6½	\$80 27
commission and cartage.....		3 55
30 pounds leaf tobacco.....	\$1 25	37 50
20 pounds leaf tobacco.....	60	12 00
148 pounds licorice.....	30	44 40
27½ pounds snuff.....	45 to 65	17 05
Jars and cartage.....		1 15
Total.....		195 92
DIRECTORS' EXPENSES.		
Nelson Dewey, from July 15, 1878, to January 20, 1879.....		\$273 30
Geo. W. Burchard, from February 28, 1878, to November 22, 1878.....		97 50
H. M. Kutchin, from March 1, 1878, to December 13, 1878.....		72 15
Total.....		442 95
TRAVELING EXPENSES.		
H. N. Smith, warden, from June 24, 1878, to December 6, 1878.....		\$143 40
Alex. White, deputy warden, 2 trips to Milwaukee.....		12 15
Alex. White, trip to Jackson and Michigan City.....		36 04
Total.....		191 59
FREIGHT.		
Subsistence.....		\$181 41
Wagonshop.....		82 31
Tailorshop.....		13 98
General repairs.....		51 90
Paints and oils.....		13 35

"A." — Detailed Statement of Disbursements.

FREIGHT—continued.		
Lights.....	\$53 22	.....
Housefurnishings	4 08	.....
Laundry	2 76	.....
Tobacco	7 34	.....
Total.....		\$360 35
EXPRESS.		
During the year.....		104, 77
DISPATCHES.		
During the year.....		25 68
POSTAGE.		
8,700 three cent stamps.....	\$261 00	.....
400 two cent stamps.....	8 00	.....
400 one cent stamps.....	4 00	.....
Postage on packages	1 40	.....
Drawer rents.....	2 75	.....
Total.....		\$277 15
CONVICTS DISCHARGED.		
State prisoners discharged.....	800 00	.....
United States prisoners discharged.....	15 00	.....
Total.....		\$815 00
CONVICTS ESCAPES.		
Expenses in recapturing George Wilson, escaped .....		.....
George Heath.....	4 50	.....
J. McClain	5 00	.....
Portrait of C. T. Phelps, escaped.....	20 00	.....
100 photographs of C. T. Phelps escaped.....	11 50	.....
Total.....		41 00
CONVICTS DEPOSITS.		
G. Peterson.....	11 00	.....
SALARIES AND WAGES.		
H. N. Smith, warden from October 1st, 1878, to September 30, 1879.....	\$2,000 00	.....
Alexander White, deputy warden from October 1st, 1878, to September 30, 1879	1,000 00	.....
Rev. E. Tasker, pract. chaplain from October 1st, 1878, to September 30, 1879.....	800 00	.....
Rev. Joseph Smith, catholic chaplain from October 1st, 1878, to September 30, 1879.....	200 00	.....
H. L. Butterfield, physician from October 1st, 1878, to September 30, 1879.....	400 00	.....
Jacob Fuss, clerk from October 1st, 1878 to September 30, 1879.....	1,000 00	.....
Henry Brooks, turnkey from October 1st, 1878, to September 30, 1879	720 00	.....

"A." — Detailed Statement of Disbursements.

SALARIES AND WAGES — continued.		
Aug. Bogar, foreman and keeper wagon and blacksmith shop from Oct. 1, 1878, to Sept. 30, 1879.....	\$720 00	.....
<i>Keepers in Shoe Factory, \$45.00 a month —</i>		
D. C. Reynolds, from October 1, 1879, to September 30, 1879.....	540 00	.....
David Harris, from October 1, 1878, to September 30, 1879.....	540 00	.....
Silas Warren, from October 1, 1878, to September 30, 1879.....	540 00	.....
S. S. Ormsbee, from October 1, 1878, to September 30, 1879.....	540 00	.....
J. L. Sargent, from October 1, 1878, to February 22, 1879.....	213 00	.....
Matt. White, from March 1, 1879, to September 30, 1879.....	315 00	.....
C. S. Gilman, overseer prisoner's kitchen, from October 1, 1878, to September 30, 1879.....	540 00	.....
Miss Ellen Moran, overseer officers' kitchen, from October 1, 1878, to September 30, 1879, \$20.00 a month.....	240 00	.....
Miss E. A. Chittenden, matron female department, from October 1, 1878, to August 31, 1879, \$20.00 a month.....	220 00	.....
Mrs. Mary Brooks, matron female department, from September 1, 1879, to September 30, 1879, \$25.00 a month.....	25 00	.....
<i>Night Guards \$45 a month —</i>		
W. H. Clay, night guard in cell room from October 1, 1878, to September 30, 1879.....	540 00	.....
T. Colvin, night guard in cell room from October 1, 1878, to September 30, 1879.....	540 00	.....
W. H. Ferris, night guard in office from October 1, 1878, to September 30, 1879, less one day.....	538 00	.....
W. Yokee, night guard in shops from October 1, 1878, to May 12, 1879.....	333 00	.....
G. B. Rowells, night guard in shops from May 21, to June 5th, 1879.....	24 00	.....
James McEwan, night guard in shops from May 15, 1879, to September 30, 1879, (from May 15th to June 5th, keeper in shoe shop No. 3, in place of D. Harris, who had been hurt by a prisoner and unable to work).....	204 75	.....
<i>Day Guards in office, \$30 a month —</i>		
James McDonald, from October 1, 1878, to September 30, 1879.....	360 00	.....
J. B. Carroll, from October 1, 1878, to August 20, 1879.....	320 00	.....
James Hillyer, from September 6, 1879, to September 30, 1879.....	24 50	.....

"A."—Detailed Statement of Disbursements.

SALARIES AND WAGES—(continued.)

Guards on wall—\$30.00 a month.

J. H. Heath, from Oct. 1, 1878 to Sept. 30, 1879.....	\$360 00	.....
E. M. Spear, from Oct. 1, 1878, to July 9, 1879.....	279 50	.....
G. B. Rowels, from July 9 to Sept. 30, 1879.....	80 50	.....
Corn. Holland, from Oct. 1, 1878, to Oct. 30, 1879 ..	360 00	.....
Julius Gudden, from Oct. 1, 1878, to Sept. 30, 1879 ..	360 00	.....
John Irving, keeper front gate, from Oct. 1, 1878, to Sept. 30, 1879.....	360 00	.....
Matt. White, farmer, from Oct. 1, '78, to Feb. 28, '79.	150 00	.....
W. Houghtaling, keeper of gang north cell-room, from Oct. 1, 1878, to Jan. 31, 1879.....	120 00	.....

Extra guards—

George Heath, extra guard in office, 3 $\frac{3}{4}$ days.....	3 75	.....
Lyman Town, keeper front gate, 23 $\frac{1}{2}$ days.....	23 50	.....
Geo. B. Rowels, extra guard on wall, 1 $\frac{1}{4}$ days	1 25	.....
Total	\$15,535 75	

SUBSISTENCE.

1	bbl. apples.....	2 75	.....
14	bbl. apples.....	\$2 50	35 00
2	bbl. apples.....		2 00
63	bush. apples.....	75c to 1 00	48 47
206	lbs. apples, sliced.....	5c.	10 30
196	lbs. apples, sliced.....	4 $\frac{1}{2}$ c.	8 82
442	lbs. apples, sliced.....	2 $\frac{1}{2}$ c.	11 05
52	lbs baking powder.....	35c.	18 20
12 $\frac{1}{2}$	bush. beans.....	1 75	21 43
39 $\frac{3}{4}$	bush. beans.....	1 50	59 62
40	bush. beans.....	1 40	56 00
15 43	bush. beans.....	1 15	18 17
44.16	bush. beans.....	1 00	44 27
60.10	bush. beans.....	90	54 15
12 $\frac{3}{8}$	bush. beans.....	80	10 25
32	lbs. butter.....	18	5 76
521 $\frac{1}{2}$	lbs. butter.....	16	83 44
843	lbs. butter.....	15	126 45
263	lbs. butter.....	14	36 82
2,230	lbs. butter.....	13	289 90
2,672	lbs. butter.....	12 $\frac{1}{2}$	334 00
318 $\frac{1}{4}$	lbs. butter.....	11	35 01
2,897 $\frac{1}{2}$	lbs. butter.....	10	289 75
846 $\frac{3}{4}$	lbs. butter.....	8	67 74
14	lbs. butter.....	7	98
	Tubs ond jars.....		34 44
33,416	lbs. beef.....	5	1,670 80
80,257	lbs. beef.....	4 $\frac{1}{2}$	3,611 48

"A."—Detailed Statement of Disbursements.

53½	pounds beef, dried	12½ to 15	\$7 31
2	baskets berries	75	1 50
70	boxes berries		10 70
6	bananas		25
	cream		1 50
64	gallons cider	10	6 40
7	pounds cake and packing	4 40	4 40
6	bushels carrots		1 00
<i>Canned fruits —</i>			
6	dozen apricots	\$3 25	19 50
1	dozen almonds		1 50
2	dozen cherries	2 35	4 70
2	dozen corn	1 50	3 00
2	egg plums	1 90	3 80
2	dozen grapes, California	3 25	6 50
2	tumblers jelly	15	30
2	dozen Lima beans	1 15	2 30
4	cans pears	45	1 80
2	dozen plums	3 25	6 50
2	dozen peaches	2 60	5 20
1	can peaches		30
2	dozen tomatoes	1 25	2 50
12	pounds coffee, Java	35	4 20
67	pounds coffee, Java	29	19 43
294	" " Rio	18½	54 39
126	" " "	18	22 68
150	" " "	17½	26 25
258	" " "	17	43 86
50	" " "	16	8 00
266	" " "	15	39 90
655	" " "	14	91 70
663	" " "	13½	89 51
28	" cocoanut		8 35
85	heads celery	3	2 55
2,696	pounds cheese	5	134 80
326	" " "	5½	17 93
97	" " "	6	5 82
543	" " "	2	10 86
1,420	" cornmeal	1½ and 2½	22 63
337	" crackers		20 97
4	barrels cranberries	2, \$6 00; 2, \$5 50	23 00
17	chickens		4 75
957	pounds chickens and turkeys	6 and 12½	86 60
10	" cloves	45	4 50
28	" chocolate	40 to 45	11 70
5	" citron		2 65
25	" cherries, pitted	25	6 25
1	bushel currants, red		2 00
1	box currants		1 00
12	quarts currants		88
1	barrel codfish		6 50
544¼	pounds codfish		27 66
	boxes		90
13	head cabbage	4	5 12
87	pounds corn beef	8	7 52
10,048	pounds corn beef	5	502 40

"A" — Detailed Statement of Disbursements.

SUBSISTENCE — continued.		
4	baskets cherries, including 4 bushel baskets...	\$6 60
1 $\frac{1}{8}$	dozen ext. lemon box	3 00
	box	10
3 $\frac{1}{4}$	extract vanilla	5 05
1456	dozen eggs	8 to 11c. 151 93
5	barrels flour	\$5 00 25 00
100	barrels flour	4 50 450 00
100 $\frac{1}{8}$	barrels flour	4 28 428 53
230	barrels flour	4 00 920 00
289 $\frac{3}{4}$	barrels flour	4 20 1,216 92
250	pounds buckwheat flour	5 55
398 $\frac{1}{2}$	pounds fish	10 39 85
27 $\frac{1}{2}$	pounds fish	12 $\frac{1}{2}$ 3 44
4	pounds figs	22 $\frac{1}{2}$ 90
	fruit	90
15	pounds grapes	5 06
1	box gelatine	20
99	pounds ham	9 $\frac{1}{4}$ to 14 10 17
50	pounds hops	6 90
116	pounds honey	10 to 15 14 44
173	pounds lamb	8 to 12 $\frac{1}{2}$ 19 96
53	dozen lemons	22 83
26	pounds mustard .....	.35 to 40 9 15
1 $\frac{1}{2}$	barrel mackerel	8 50
1	kit mackerel	3 00
	milk and cream	3 75
	malt	25
225 $\frac{1}{2}$	pounds mutton	8 to 10 18 54
50 $\frac{3}{4}$	pounds maple sugar	13 to 14 6 59
2	pounds nuts	20 40
3 $\frac{1}{2}$	pounds nutmegs	2 95
	box	10
1	barrel oat meal	5 00
2	barrels oat meal	5 50 9 00
181	pounds oatmeal	5 to 6 9 86
47	cans oysters	45 to 50 21 30
6 $\frac{1}{4}$	gallons oysters	7 10
45 $\frac{1}{8}$	bushels onions	40 18 11
5 $\frac{1}{2}$	bushels onions	60 3 30
1	case oranges	10 00
8 $\frac{1}{4}$	dozen oranges	50 to 55 4 30
1	barrel pickles	8 25
9	bottles pickles	70 to 75 6 60
567 $\frac{1}{2}$	bushels potatoes	50 283 75
219	bushels potatoes	60 131 40
	weighing	90
10	pounds potatoes, sweet	5 50
5	baskets pears	3 85
1 $\frac{1}{2}$	bushel peas	8 50
30	pounds pepper	30 to 35 9 65
230	pounds pepper	14 to 16 33 80
	bags	1 10
13	barrels pork	10 00 130 00
20	barrels pork shanks	4 00 80 00
20	barrels pork shanks	3 00 60 00
619 $\frac{1}{2}$	pounds pork	5 to 8 32 47

"A."—Detailed Statement of Disbursements.

100½	pounds prunes.....	7 and 8	\$7 54	
	bag		25	
¾	bushel plums		2 50	
80	pounds peaches.....		8 85	
	bag		25	
12	baskets peaches.....		9 60	
1	peck pop corn		25	
	quinces.....		40	
239	pounds rice.....	8	19 12	
469	pounds rice.....	7½	35 17	
226	pounds rice.....	7	15 82	
	barrel		25	
3	boxes raisins.....		5 30	
67	pounds raisins.....	8 to 10	5 30	
18	pounds roast beef	8	1 44	
160	quarts raspberries.....	10	16 00	
26	bundles radishes.....		1 35	
1	bottle sauce, table.....		50	
155½	gallons syrup.....	45	69 98	
151	gallons syrup.....	42	63 42	
1,003	gallons syrup.....	40	401 20	
588	pounds sugar.....	9¾	58 07	
286	pounds sugar.....	9¾	27 53	
863	pounds sugar.....	9¾	79 83	
214	pounds sugar.....	8¾	18 46	
1,549	pounds sugar.....	8¾	135 53	
306	pounds sugar.....	8¾	27 15	
309	pounds sugar.....	9	27 81	
230	pounds sugar, powdered.....	8 to 12½	27 72	
40	pounds starch.....	8	3 20	
28	pounds soda		1 45	
2	boxes sardines.....	35	70	
1	pound salcratus.....		10	
18	pounds salt peter		3 33	
8	barrels salt	\$1 65	13 20	
9	barrels salt	1 60	14 40	
23	barrels salt	1 50	34 50	
4	sacks salt	29	80	
10	pounds salt.....	2	20	
133	quarts strawberries.....	8 to 10	11 42	
62	pounds tea.....	25	15 50	
808	pounds tea.....	30	242 40	
275	pounds tea.....	35	96 25	
118	pounds tea.....	45	53 11	
63	pounds tea.....	50	31 50	
394	pounds turkey.....	8 to 10	36 58	
7	pounds tapioca.....	9	63	
14½	bushels turnips.....	25	3 63	
179	pounds veal.....	8 to 9	14 70	
236	gallons vinegar.....	16	37 76	
133½	gallons vinegar.....	12½	16 69	
8	barrels.....		8 00	
4¼	pounds venison.....	15	64	
1	pound walnuts.....		25	
2	water melons.....		55	
8	dozen yeast cakes.....		7 95	
	cartage and boxes.....		13 70	
			14,381 23	
	less discount.....		14 21	
	Total.....		\$14,376 02	

"A."—Detailed Statement of Disbursements.

ACCOUNTS.		
Reported prior to October 1, 1878.		
C. H. Benton & Co.—		
goods returned.....		
Blair & Persons—		
crockery.....	1 50	
Not reported prior to October 1, 1878.		
Nick Kraemer—		
work on north cell room, from Sept. 16 to Sept. 30...	22 75	
H. M. Kutchen—		
expenses in purchasing library.....	31 75	
David Clark—		
1 wagon load lumber.....	10 00	
Milwaukee News Company—		
subscription 2 years from Oct. 14, '76 to Oct. 14, '78..	16 00	
Dispatches during Sept. 1878.....	11 75	
D. S. Wood—		
pasturing cows during season of 1878.....	45 00	
Total.....		\$137 25
Paid in trade, prior to Oct. 1, 1878.		
Warren Springsted—		
lumber.....	121 43	
Ch. G. Mueller—		
lumber.....	151 01	
Total.....		272 44
CONVICTS' DEPOSITS.		
Geo. Mueller.....		300 00

"C."—*Inventory of Prison Property.*

"C."

INVENTORY OF PRISON PROPERTY.

September 30, 1879.

SUMMARY.		
<i>Stock—</i>		
Chair shop.....	\$3,755 42	.....
Lumber.....	683 47	.....
Wood.....	2,268 06	.....
Paints and oils.....	176 63	.....
Wagon shop and blacksmith shop.....	7,465 62	.....
Stone shop.....	752 65	.....
Miscellaneous goods, not in use.....	580 63	.....
Bedding and clothing, not in use.....	1,718 26	.....
Forage.....	76 50	.....
Live stock.....	968 00	.....
Subsistence.....	1,120 28	.....
Tobacco.....	44 25	.....
Drugs.....	40 00	.....
		\$19,649 77
<i>Machinery and tools—</i>		
In use in shops.....	\$23,113 74	.....
Store room, not in use.....	184 87	.....
Tobacco room.....	43 45	.....
Wash house.....	76 65	.....
Barn and yard.....	1,351 75	.....
		24,770 46
<i>Furniture and chattels—</i>		
Cell room.....	\$4,693 46	.....
Library.....	1,045 10	.....
Officers' and guard room.....	1,485 24	.....
Armory.....	540 00	.....
Officers' and warden's dining rooms, officers' and prisoners' kitchen.....	1,087 53	.....
Officers' and guest rooms.....	2,706 58	.....
Chapel.....	525 69	.....
Hospital.....	170 02	.....
Deputy warden and matron's residence.....	1,094 79	.....
Female prison.....	262 92	.....
		13,611 33
160 acres of land in Sioux Falls, taken in payment for wagons.....		600 00
Total.....		\$58,631 56

"C." — *Inventory of Prison Property.*

FURNITURE, CHAIRS AND CHAIR STOCK.		
6½ dozen bowbacks, No. 1.....	\$3 50	\$22 75
1½ dozen double backs.....	3 50	5 25
3 dozen Paddy backs.....	4 00	12 00
21 dozen child's rockers.....	4 25	89 25
2½ dozen child's low.....	4 00	10 00
13 dozen stools.....	3 00	39 00
1⅓ dozen English cottage, B. A.....	9 50	3 17
17⅓ dozen scroll arm rockers.....	20 00	350 00
21 dozen misses Boston rockers.....	9 00	189 00
6½ dozen misses cane nurse rockers.....	9 00	58 50
4 dozen miscellaneous.....	3 00	12 00
600 m. cane, common.....	46	276 00
1 bedstead shed.....		276 00
2 bedsteads, walnut.....	7 50	15 00
3 picture frames.....	50	1 50
40 set extension table slides.....	1 50	60 00
96 table legs.....	20	19 20
10 center table legs.....	10	1 00
1 lot carvings.....		25 00
13,440 backs 4 in. wide.....	4	537 60
19,800 legs, front scroll arm rockers.....	1½	162 00
21,020 legs, beaded.....	1¼	262 75
45,076 legs, common.....	1	450 76
9,267 legs, common Boston rockers.....	1	92 67
4,540 legs, common misses Boston.....	0¾	34 05
2,000 pillars for Boston rockers.....	1½	30 00
60 rockers for brace arm.....	4	2 40
1,088 rockers for sewing.....	2¼	24 48
100 rockers for misses.....	2	2 00
1 seats caned scroll arm.....	50	50
4 seats caned sewing.....	45	1 80
260 seats caned, English Cottage B. A.....	40	104 00
163 seats caned, Grecian.....	35	57 05
226 seats not caned English cottage B. A.....	12½	28 25
53 seats not caned, Grecian.....	8	4 24
30,300 stretchers, beaded.....	1	303 00
69,330 stretchers, common.....	0½	346 65
4,000 spindles, office.....	1	40 00
421 seats, bowbacks.....	10	42 10
650 seats, child's chairs.....	6	39 00
Total.....		\$3,755 42
LUMBER.		
21,484 feet hard maple in dry house.....	13 00	\$279 29
8,000 feet basswood in bull pen.....	12 00	96 00
9,305 feet soft maple outside.....	7 50	69 78
11,600 feet culls.....	4 00	46 40
15,000 feet elm.....	12 00	180 00
2,000 culls, thick stuff.....	6 00	12 00
Total.....		\$683 47

“C.”—Inventory of Prison Property.

FURNITURE, CHAIRS, AND CHAIR STOCK—con.		
WOOD.		
257¼ cords oakwood, 4 feet.....	\$3 00	\$753 25
181 cords oakwood, fitted for stoves.....	3 75	678 75
358¼ cords bass and poplar, 4 feet.....	2 25	806 06
10¼ cords bass and poplar, fitted for stoves.....	3 00	30 00
Total		2,268 06
PAINTS AND OILS.		
10 gallons asphaltum.....	25	\$2 50
3 lbs. chrome yellow	15	45
5 lbs. dropblack, in oil.....	50	2 50
10 gallons Japan turpentine.....	70	7 00
112 lbs. Iron Ridge paint	2½	2 80
30 lbs. ochre	2¾	82
1 lb. Prussian blue	47	47
2 gallons paint, mixed.....	50	1 00
60 lbs. pomice stone	4	2 40
10 lbs. pomice, pulverized.....	4	40
32 gallons turpentine	30	9 60
90 lbs. umber	3	2 70
42 lbs. Venetian red	3¼	1 37
133 gallons varnish.....	1 00	133 00
100 lbs. whitelead	8	8 00
130 lbs. whiting	1¼	1 62
Total		176 63
WAGON SHOP.		
80 axles, maple.....	15	\$12 00
1 pair axles, iron		35 00
1 pair bobs, light.....		30 00
1 cutter, Concord.....		20 00
1 cutter, square box.....		20 00
3200 dimension boards.....	13 00	41 60
20 set felloes, sawed	2 00	40 00
37 set hubs, small	75	27 75
80 set hubs, large	90	72 00
95 set spokes	1 75	166 25
1 box tin.....		11 25
168 wagons	40 00	6,720 00
4 wagons, democrat	40 00	160 00
IRON.		
30 lbs. galvanized sheet.....	10	3 00
105 common sheet.....	6	6 30
100 hoop	8	8 00
112 band	5	5 60
110 heavy	3	3 30
1360 flat	3	40 80
1232 bar	3	36 96

"C." — *Inventory of Prison Property.*

WAGONSHOP — continued.			
89	lbs round	\$0 03	\$2 61
2,284	lbs scrap	1	22 84
1	bundles wire annealed (120 lbs.)	7½	9 00
Total			\$7,465 62
STONESHOP.			
294	sockets	50	147 00
20	cars wallstone	2 50	50 00
170	feet dressed white stone	87	147 90
201	feet Waupun stone	25	50 25
100	feet Arch stone	6	6 00
39	feet dressed moulded steps	25	9 75
190	feet rough stone	12½	23 75
800	feet flagging	6	48 00
900	feet Asinler	30	270 00
Total			\$752 65
MISCELLANEOUS GOODS, NOT IN USE.			
18	doz. butts, brass	40	\$7 20
4	doz. paper brads	60	2 40
4	small drills, twist	25	1 00
15	cupboard latches .....	.....	1 87
¼	gross carpenter pencils	3 50	87
340	feet cable chain .....	.....	51 00
6	sets castors	15	90
1	gross escutcheons .....	.....	75
1	lead crucible .....	.....	2 50
224	lead in bars	6	13 44
136	solder	20	27 20
1	duster .....	.....	25
14	screws	40	5 60
3	lbs. rubber springs	50	1 50
200	tire bolts	½	1 00
17	17 scrapers	10	1 70
20	set table hinges	1 00	1 60
LIGHTS.			
6	doz. lamps, small Excelsior	3 50	21 00
6	burners, No. 3 sun hinges .....	.....	75
12	doz. burners, No. 0 Aladdin	50	6 00
6	burners, No. 2 Unique	2 50	15 00
1	doz. lamp chimneys, No. 2	81	81
4½	1	60	2 70
15	0	50	7 50
1	3	1 25	1 25
17	gross lampwicks	50	8 50
7	bbls. kerosene, 36½ gal.	13½	49 14
CELLROOM.			
4	doz. combs, common	65	2 65
6	combs, barber	20	1 20

"C."—Inventory of Prison Property.

MISCELLANEOUS GOODS — continued.			
CELLROOM.			
1	fine comb.....		\$0 35
9	dozen of forks.....	\$1 10	9 90
2	gross of spoons.....		5 00
11	lather brushes.....	20	2 20
3	bars soap.....		15
TIN WARE.			
28	basins, wash.....	20	5 60
2	foot baths.....	37 1/2	75
4	tin dippers.....	20	80
265	drinking cups, quart.....	15	39 75
54	drinking cups, pints.....	8	4 32
10	pails.....	25	2 40
85	spittoons.....	20	17 00
5	watercans.....	1 00	5 00
SUNDRIES.			
500	gallons soap, soft.....	12 1/2	62 50
75	pounds of ham.....	6 1/2	4 94
4	pounds of snuff.....	65	2 60
1/2	dozen of scrubbing brushes.....	2 00	1 00
50	prison pictures.....	25	12 50
10	jail locks.....		12 50
1	spy glass.....		10 00
2	buffalo robes.....		60 00
1	watertank in hall.....		45 00
173	gallons stoneware.....	8	13 84
6	whitewash brushes, 6-0 large.....	2 50	15 00
10	whitewash brushes, 2-0 small.....	1 50	15 00
Total.....			\$580 63
BEDDING AND CLOTHING.			
(Not in use.)			
CLOTHING NEW.			
9	G. O. coats.....	4 50	\$40 50
12	G. O. vests.....	2 50	32 50
14	G. O. pants.....	2 50	35 00
3	hats.....	75	2 25
10	caps.....	50	5 00
1	dozen G. O. shirts, each.....	75	9 00
2	boxes collars.....	10	20
8	straw hats.....	25	2 00
1	dozen towels, large, each.....	50	6 00
3 1/2	dozen towels, small, each.....	25	10 50
57	prison coats.....	5 00	255 00
46	prison pants.....	4 00	184 00
40	prison vests.....	2 50	100 00
19	prison caps.....	50	9 50
10	under shirts.....	60	6 00
53	hickory shirts.....	60	31 80

"C."—*Inventory of Prison Property.*

BEDDING AND CLOTHING—continued.

CLOTHING—NEW.		
9 doz. socks, cotton	\$2 50	\$22 50
6½ doz. socks, woolen	3 50	22 75
17 pairs drawers	60	10 20
16 pairs mittens	50	8 00
61 pairs brogans	1 25	76 25
7 pairs women's shoes	2 00	14 00
1 pair boys' shoes.	1 00	1 00
3 doz. aprons	50	18 00
SECOND HAND CLOTHING.		
18 coats	2 50	45 00
18 pants	1 50	27 00
18 vests	75	13 50
19 hats	37½	7 13
1 cap	37½	37
3 shirts	50	1 50
19 pairs boots	2 50	47 50
12 pairs shoes	37½	4 50
STOCK NOT MADE UP.		
338½ yards prison cloth	85	287 72
381 yards going-out cloth	25	95 25
23 yards doeskin	45	10 35
130½ yards cassimere	27½	48 94
4¼ yards cassimere	30	1 27
21 yards silecia, black	13½	2 83
42 yards silecia, brown	13½	5 67
40 yards silecia, drab	13½	5 40
1½ yards canvass	13	20
8½ yards wigger	12½	1 07
11 yards haircloth, black	1 85	20 35
8¼ yards carpet, Brussels	1 00	8 25
41 yards calico	7	2 87
85¾ yards sheeting	7½	6 44
104½ yards ravenduck	14½	15 15
7 pieces wadding		20
39¼ yards flannel	37½	14 81
130 yards Lancaster cotton	7½	9 75
85½ yards hickory	13	11 11
14¾ yards cotton flannel	15	2 29
4¼ yards gingham	8½	37
68 yards bleached	7½	5 10
45 pounds yarn, blue and gray	70	31 50
10 pounds yarn, white	75	7 50
3 boxes Barbour's thread	1 15	3 45
43 boxes Clark's thread	53	23 65
6 gross pants buckles	25	1 50
7½ gross buttons, coat	75	66 00
4¼ gross buttons, vest	40	1 70
6 bottles machine oil	1 65	83
28 sewing machine needles	1	28
1 dozen thimbles	37½	36
11 pairs spectacles	50	5 50
2 boxes Taylor's crayon	25	50
5 pounds sole leather	33	1 65
Total		\$1,718 26

"C." — Inventory of Prison Property.

FORAGE.			
50	bushels oats.....	\$0 25	\$12 50
12	tons hay.....	5 00	60 00
1,000	pounds bran..	40	4 00
Total			\$76 50
LIVE STOCK.			
2	horses.....	125 00	\$250 00
4	cows.....	35 00	140 00
25	hogs.....	12 50	312 50
9	hogs.....	8 50	76 50
52	pigs.....	3 50	182 00
7	pigs.....	1 00	7 00
Total			\$968 00
SUBSISTENCE.			
FRONT KITCHEN.			
2	pounds allspice.....	\$0 30	\$0 60
6	bottles almond.....	14	84
13½	bushels apples.....	75	10 12
200	pounds butter.....	14	28 00
6	pounds baking powder.....	35	2 10
12	papers corn starch.....	08	96
4	pounds cloves.....	45	1 80
10	pounds citron.....	40	4 00
9	pounds chocolate.....	45	4 05
3	pounds cream tartar.....	35	1 05
1	gallon catsup.....	1 00	1 00
55	pounds coffee, Java.....	29	15 95
114	pounds coffee, Rio.....	17	19 38
15½	pounds cocoanut.....	27	4 18
24	½-gallon jars cherries.....	50	12 00
1	barrel cranberries.....	6 00	6 00
10	pounds crackers.....	05	50
4	pounds cinnamon.....	45	1 80
½	barrel cucumbers.....	.....	3 75
12	dozen eggs.....	10	1 20
125	pounds flour.....	4 20	2 62
10	cups jelly.....	12½	1 25
28	pounds lard.....	07½	2 10
1	dozen bottles lemon extract.....	.....	1 00
1	pound mustard seed.....	35	35
10	pounds mustard, ground.....	35	2 50
2	pounds nutmegs.....	85	1 70
8	½-gallon jars plum preserves.....	50	4 00
3	pounds prunes.....	08	24
1	gallon peaches, pickled.....	75	75
5-12	dozen pepper sauce.....	1 25	52
3	gallons pickles.....	50	1 50
14	pounds raisins.....	15	2 10
309	pounds sugar.....	09	27 81
14	pounds soda.....	05	70

"C."—Inventory of Prison Property.

SUBSISTENCE — continued.			
FRONT KITCHEN—continued.			
43	pounds tea, Japan.....	\$ 50	\$21 50
16	½ gallon jars tomatoes.....	37½	6 00
5	gallon tomato jars.....	50	2 50
2	gallon tomato pickles.....	30	60
3½	pounds tapioca.....	10	35
1¼	bottles vanilla, per doz.....	100	1 25
½	package yeast powder, per doz.....	65	54
PRISONERS' KITCHEN.			
25	pounds apples, dried.....	2½	72
100	pounds beets.....	4½	4 50
1300	pounds bread.....	2½	32 50
240	pounds butter.....	12½	30 00
150	pounds corn beef.....	5	7 50
21	pounds coffee.....	13½	2 83
3	barrels cucumber pickles.....	7 50	22 50
9	barrels flour.....	4 20	37 80
¾	barrels oatmeal.....	5 00	3 75
16	barrels pork shanks.....	3 70	59 20
1	barrel pork, clear.....		10 00
30	pounds pepper.....	14	4 20
239	pounds rice.....	8	19 12
70	gallons syrup.....	40	28 00
½	barrel salt.....	1 60	80
50	pounds tea.....	30	15 00
133½	gallon vinegar.....	12½	16 63
STORE ROOM.			
250	pounds apples, dried.....	2½	6 25
206	pounds apples, sliced.....	5	10 30
395	pounds coffee.....	13½	53 32
47	bushels beans.....	1 10	51 70
18	boxes cinnamon.....	5	90
22	pounds ginger.....	20	4 40
112	pounds tea.....	30	23 60
31	packages yeast cakes, per doz.....	1 00	2 59
DEPUTY WARDEN'S KITCHEN.			
2	bushel apples.....	75	1 50
4	pounds butter.....	14	56
4	pounds coffee.....	35	1 40
20	quart cans fruit.....	37½	7 56
5	bowls jelly.....	25	1 50
20	pounds lard.....	7½	1 50
1	barrel pickles.....		7 50
150	pounds sugar.....	9	13 50
10	pounds tea.....	50	5 00
PRODUCTS FROM FARM.			
1050	bushel potatoes.....	30	315 00
140	bushels onions.....	50	70 00
1000	heads cabbage.....	3½	35 00
Total.....			\$1,120 28

"C." — Inventory of Prison Property.

TOBACCO ROOM.		
200 pounds tobacco leaf	\$00 06 $\frac{1}{4}$	\$13 50
102 $\frac{1}{2}$ pounds licorice	30	30 75
Total		<u>\$44 25</u>
DRUGS.		
Value of drugs on hand. Total		<u>\$40 00</u>
MACHINERY.		
1 engine and 2 tubular boilers, incl. belt and fixtures		\$6,400 00
450 feet line shafting pulleys, belts and hangers		5,000 00
1 coldwater pump with fixtures, incl. iron pipe and 600 ft 2 $\frac{1}{2}$ in. hose, nozzles, couplings, etc., for fire protection		\$1,153 29
steampipe for heating shops		1,490 00
2 watertanks, iron		150 00
1 engine lathe		425 00
1 planer and countershaft		275 00
1 planer and countershaft		350 00
1 scroll saw frame		120 00
1 wood seat hallowing machine		90 00
1 shaper, complete		300 00
1 shaper and boring machine		90 00
1 shaper		50 00
1 rockerseat machine		75 00
1 bandsaw		350 00
1 bandsaw		290 00
1 cut off saw frame and arbor		80 00
1 saw table		150 00
1 saw table		125 00
1 saw table		80 00
2 saw tables and frames complete		155 00
1 saw table		125 00
3 saw tables and frames complete		300 00
2 saw tables		40 00
1 cut off saw table		100 00
1 guage lathe		225 00
1 Bailey lathe		80 00
1 stretcher machine complete		150 00
1 grindstone frame with 2 stones		55 00
1 grindstone frame with 2 stones		35 00
1 grindstone frame and 2 stones		125 00
1 scroll saw frame arbor complete		125 00
1 horizontal boring machine		40 00
1 slat tenoning machine		50 00
3 boring machines upright		225 00
1 chuck machine and pillar splitting saw		160 00
1 cut off saw frame complete		50 00
3 rattlers		90 00
1 seat jointer		100 00
1 oscillating mortizer		150 00
1 seat notching machine		125 00
1 Wabble saw		75 00

"C."—*Inventory of Prison Property.*

MACHINERY — continued.		
1	slat tenoning machine.....	\$150 00
1	chuck back shaper and slat planer	100 00
1	gain and chuck machine	125 00
1	seat frame and dowel machine	200 00
1	hand lathe wood.....	75 00
1	wood lathe.....	50 00
1	wood lathe.....	75 00
1	surface planer.....	75 00
1	emery wheel grinding machine.....	80 00
1	emery wheel saw gummer.....	75 00
1	mortiser	125 00
1	bent rim rounder.....	100 00
1	dowel machine.....	40 00
1	gumming machine, new	80 00
1	guage lathe	100 00
1	dish saw and arbor.....	125 00
1	scroll saw.....	25 00
1	sewing machine large leather	85 00
1	crane and chain.....	50 00
3	steam boxes.....	\$2 00 6 00
2	bending machines.....	10 00 20 00
2	manifolds and connections.....	18 00
1	steam coil (No. 7).....	30 00
1	boring machine	45 00
1	expanding mandle.....	5 00
	pipes and valves for cistern.....	100 00
	tools for cleaning out boilers and heaters	18 00
1	belt drawing machine	25 00
1	drill machine	25 00
1	punch machine	50 00
1	castplate.....	28 00
1	syphon.....	8 00
2	stoves and pipes.....	30 00 60 00
7	stoves and pipes.....	15 00 105 00
6	aprons, leather, blacksmith shop.....	3 00
12	aprons, leather, shoe factory.....	1 50 18 00
2	augers	75 1 50
5	axes	50 2 50
1	ashkettle.....	1 00
5	anvils.....	40 00
3	blocks and ropes.....	50 00
6	bellows.....	40 00
12	braces	1 00 12 00
70	bits.....	25 17 50
1	bench, filing	10 00
10	brushes in use	50 5 00
1	set carving tools.....	25 00
1	chalk line.....	25
28	chisels.....	20 5 60
150	caning posts	20 30 00
12	clamp wood screws	25 3 00
6	clamp iron screws.....	5 00 30 00
1	cupboard for tools.....	5 00
1	clock	2 00
1	drill socket.....	1 00

"C."—*Inventory of Prison Property.*

MACHINERY — continued.			
4	drill churn	\$1 25	\$5 00
6	drill, hand.....	30	1 80
40	drill, hand.....	20	8 00
2	drill, hand.....	1 12½	2 25
2	dies		90
1	die and 2 stocks		2 00
7	desks, 6 in factory.....	2 00	14 00
1	desk and drawers		2 50
34	dishes varnish.....	25	8 50
1	diamond point.....		5 00
1	diamond point.....		1 00
3	emery wheels.....		10 00
1	lot fittings.....		20 00
2	dozen files.....	10	2 40
350	forms, iron.....	30	105 00
150	forms, wood	25	37 50
1	flue scraper.....		3 00
3	glue heaters	10 00	30 00
2	pots, copper.....	3 00	6 00
55	gauges	25	6 25
8	hammers, mash	1 00	8 00
11	hammers	50	5 50
1	hammer, bush.....		3 00
11	hammers, stone.....	1 00	11 00
3	hods, masons'.....		1 50
21	hand barrows and racks.....	50	10 50
37	heading tools.....		9 25
1	level, spirit.....		2 00
4	ladders	1 75	7 00
4	mallets	5	20
2	machine taps.....		2 25
1	meat rack and hooks.....		2 00
1	pair nippers		1 40
6	office chairs.....	50	3 50
8	oil cans	10	80
12	oilers' glass.....		4 00
4	oil cans, large.....	4 50	18 00
1	set pipe tools.....		75 00
16	planes, jointer.....		3 50
18	planes, jointer.....	50	9 00
58	punches	10	5 80
10	pitching tools.....		4 50
2	pincers	1 00	2 00
6	paint benches.....	50	3 00
4	two foot rules.....	25	1 00
1	ratchet drill.....		10 00
1	saw, rip		1 00
6	saws, hand.....	1 00	6 00
2	saws, bow	1 00	2 00
6	saws, cross cut.....	1 50	9 00
16	shaves.....	25	4 00
4	shaving horses.....	1 00	4 00
6	squares, bevel.....	50	3 00
1	square, Universal		4 00
15	squares, steel.....	83	12 45
12	squares, steel.....	25	3 00

"C."—*Inventory of Prison Property.*

MACHINERY—continued.			
1	soldering iron.....		\$0 50
2	scrapers.....	25	50
11	screw drivers.....	20	2 20
1	screw plate, large.....		3 75
1	screwplate.....		4 50
6	screwplates, taps and dies.....		34 50
1	swedge block.....		10 00
1	scale, Universal.....		11 00
1	scoop.....		40
4	tool chests.....		6 00
5	tubs.....	\$1 00	5 00
6	tubs.....	1 50	9 00
1	tinner's tools.....		50 00
1/2	dozen thermometers.....		2 00
58	pairs tongs.....	25	14 50
2	vises.....	10 00	20 00
1	vise and bench.....		12 00
1	wash sink.....		1 00
2	wheeljacks.....		2 00
12	wrenches.....	25	3 00
11	workbenches.....	10 00	110 00
15	workbenches.....	5 00	75 00
Total.....			\$23, 113 74
STORE ROOM.			
	245-16ths bits, assorted.....		\$20 00
5	band sawblades.....	2 50	12 50
1	lot broom tools.....		6 00
5	bunches broom twine.....		25
1	crucible, small.....		2 50
1	lot cabinet tools.....		10 00
1	carpenter square.....		83
7	small drills, twist.....		1 00
1	chest drawers, small.....		2 00
2	dozen files.....	5 00	10 00
1	box glass.....		2 10
2	hammers.....	75	1 50
19	machine bits.....	87 1/2	16 61
63	machine bits.....	75	47 25
1	mitre frame.....		1 00
1	nail puller, patent.....		2 00
33	oilcans, tin spring bottom.....	1 12	3 08
1	dozen oilcan tops.....		85
6	dozen screws, large and tubes.....	65	3 90
7	plane irons.....	50	5 50
1	plane, smoothing.....		1 00
1	lot shoemakers' and harness tools.....		15 00
1	splitting machine.....		5 00
1	step ladder.....		2 50
1	table, oak.....		5 00
1	watch.....		7 50
1	wash bureau.....		2 00
Total.....			\$184 87

"C."—Inventory of Prison Property.

TOBACCO SHOP.		
2 brooms		\$0 25
2 cups	\$0 10	20
2 chairs	37½	75
2 hammers	37½	75
1 hand saw		1 00
1 iron kettle	75	75
1 press		15 00
2 pails, wood	20	40
2 pails, tin	30	60
1 sink, old		1 00
1 stove and pipe		15 00
1 scale		3 50
3 tubs	1 00	3 00
1 tobacco table		50
1 water can, large		75
Total		\$43 45
[SOAP AND WASH HOUSE.		
1 axe		\$0 50
1 buck-saw		1 00
2 clothes baskets	25	50
1 clothes horse		1 75
3 dippers	10	30
1 hoe		50
3 kettles, large iron	2 50	7 50
1 leach		10 00
1 pick		1 25
8 pails	25	2 00
1 shovel		25
1 shovel, fire		10
1 stove and pipe		5 00
1 spade		75
4 tubs, large	3 00	12 00
7 tubs, small	2 50	17 50
2 wringers, 1, \$12.50; 1, \$2.50		14 50
5 washboards	25	1 25
Total		\$76 65
BARN AND YARD.		
3 ash pails	50	\$3 50
2 ash pails, large	1 50	3 00
1 buggy		125 00
1 pair bobs, light		45 00
1 pair bobs, heavy		25 00
3 baskets	50	1 50
18 bucksaws	75	13 55
2 bucket racks on wheels		20 00
1 buffalo robe		5 00
1 broom, new		25
1 carriage, new platform wagon		120 00
1 carriage, covered, old		75 00
1 cutter		18 00
2 car pushers	10 00	20 00

"C." — *Inventory of Prison Property.*

BARN AND YARD—continued.		
2 cultivators.....		\$12 00
1 corn sheller.....		15 00
4 chains.....	\$1 00	4 00
4 chains, long.....	1 50	6 00
2 sets curry tools.....		2 50
1 cupboard.....		6 00
1 force pump on wheels.....		25 00
3 fly nets.....		2 50
4 forks.....	50	2 00
1 feed box.....		5 00
2 flower urns, stone.....		25 00
9 flower urns, wood.....	3 00	27 00
2 sets harness, double.....		80 00
2 sets harness, single.....	12 00	24 00
1 harrow.....		2 50
6 hoes.....	50	3 00
3 horse blankets.....		7 50
10 handcarfts.....	3 00	30 00
1 hay knife.....		1 50
6 iron bars.....	1 00	6 00
3 ice tongs.....		3 00
1 ice tongs.....		3 00
3 sets irons for derricks.....		50 00
2 lanterns.....	1 50	3 00
1 lap robe.....		1 25
2 lawn mowers.....		30 00
5 lumber cars on track.....	25 00	125 00
4 4ft. measures.....		2 50
5 oil cans.....	1 50	7 50
1 ox yoke and bows.....		1 00
1 oiling jack.....		1 00
2 ploughs.....	7 00	14 00
2 picks.....	1 00	2 00
6 plastering trowels.....	50	3 00
1 pump in front yard.....		25 00
1 pump in female prison.....		30 00
1 pump in back yard.....		30 00
2 rakes.....	75	1 50
3 sprinklers.....	1 00	3 00
4 saw bucks.....	50	2 00
1 stove in gate house.....		5 00
4 stoves on wall.....	2 00	8 00
7 shovels.....	50	3 50
1 stepladder.....		3 00
2 spades.....	1 00	2 00
1 scythe.....		1 50
2 swill carts.....		20 00
2 shovel plows.....	5 00	10 00
1 scoop.....		75
1 set string bells.....		2 50
1 stone boat.....		1 50
1 snow dredge.....		1 50
1 pair shears.....		1 25
3 pair trucks.....		60 00
1 wagon and rack.....		55 00
1 wagon, democrat.....		45 00

"C." — *Inventory of Prison Property.*

BARN AND YARD — continued.		
5 wheelbarrows	\$2 00	\$10 00
2 wheelbarrows, with brls	3 00	6 00
1 wagon cover, canvas	7 00	7 00
9 wood horses.....	75	6 75
2 wrenches	75	1 50
Total		<u>\$1,351 75</u>
FURNITURE AND CHATTELS.		
IN USE IN CELL ROOM.		
2 ashbuckets.....	\$1 00	\$2 00
1 boiler.....		3 50
1 bench.....		15
1 bucket wagon		10 00
287 bedsteads, iron..... not invoiced.		
1 cupboard for shoes		5 00
1 cupboard for medicine.....		1 50
12 chairs	25	3 00
1 desk, old.....		1 00
1 dark lantern		1 00
1 dustpan.....		25
2 force pumps, small	3 00	6 00
1 fire shovel.....		50
4 fire pokers.....	37	1 48
2 fire rakes.....	50	1 00
1 gallon measure.....		25
1 hammer.....		50
6 ladders.....	1 50	9 00
15 lamps, large.....	75	11 25
6 lamps, small	50	3 00
1 lamp filler		20
8 lamp trays	25	2 00
1 measuring stick		25
5 mop handles	05	25
1 oilcan, large.....		4 00
2 oilcans, small.....		1 00
15 pails, common.....	25	3 75
1 pump, iron		25 00
1 register for cards		7 50
235 feet rubber hose	20	47 00
1 sink		1 50
24 pairs spectacles.....	50	12 00
4 stoves, large, with pipe and drum	15 00	60 00
4 stools	15	60
4 sprinklers.....	50	2 00
12 screens, new wire.....	1 00	12 00
2 screens, iron	75	1 50
4 spittoons.....	15	60
1 triangle		1 50
2 tables, large.....	5 00	10 00
1 table, zinc top, for lamp.....		4 00
1 table, physician's.....		1 50
12 towels, large	50	6 00
1 towel rack		1 00

"C."—Inventory of Prison Property.

FURNITURE AND CHATTELS—continued.		
1 wheelbarrow		75
8 water cans	\$1 00	\$8 00
TAILOR AND SHOESHOP.		
2 ash kettles	25	50
1 bellows, hand		50
2 buckets and pails	25	50
2 benches with kits	4 00	8 00
1 broom, large		20
2 brooms, brush		15
1 boot pattern		2 50
1 cutting table		4 00
2 cutting boards	10	20
1 crimping machine		15 00
2 clamps, wood		1 00
2 chisels	20	60
4 chairs	25	1 00
1 dustpan		25
1 eyelet and punch and set		2 00
1 float, counter		1 25
3 float, hand	15	45
1 heater		2 50
3 lasting machines	50	1 50
20 pairs lasts	20	5 80
1 knitting machine		32 00
2 machine tables	1 50	3 00
1 oil stone		10
5 press boards		1 00
1 pattern box		1 00
4 pictures and frames, fashion		40
4 patterns, coat		25
6 patterns, pants		40
6 patterns, vest		25
2 pokers	10	20
6 pairs shears	3 00	18 00
1 square		2 00
4 smoothing irons	3 50	14 00
2 sewing machines	40 00	80 00
3 spittoons	10	30
1 stove and pipe, large		10 00
5 stools	15	75
2 shovels	25	50
3 stretchers, wood	35	1 05
1 tape line		45
1 tin dipper		10
1 washbasin		20
2 work tables	2 00	4 00
1 towel rack		50
MENDING SHOP.		
5 benches	15	75
4 baskets, bushel	25	1 00
4 chairs	25	1 00

"C." — *Inventory of Prison Property.*

FURNITURE AND CHATTELS — continued.		
4 chests	\$1 00	\$4 00
1 hammer		25
1 bottle ink, indelible		3 50
4 pairs of shears	50	2 00
1 set stencil marks		1 00
3 spittoons	5	15
4 stools	15	60
BARBER SHOP.		
3 aprons	25	75
1 brush		25
1 brush, lather		10
1 barber box		1 00
1 comb		10
2 chairs	25	50
1 duster		25
1 desk		50
2 hair cloths		50
2 lamps, large	75	1 50
2 looking glasses	50	1 00
1 hone		10
3 razors, good	50	1 50
4 razors, medium		1 20
1 razor strap		50
3 pairs scissors	30	90
2 stools	20	40
2 tin cups	10	20
18 towels	30	5 40
2 water pails	15	30
1 wash stand		1 50
IN USE IN CELLS.		
345 blankets, good	1 50	517 50
290 blankets, medium	1 00	290 00
274 bedsteads, good	35	95 90
346 bedsteads, medium	25	86 50
194 bedticks, good	50	97 00
139 bedticks, medium	25	34 75
88 pairs brogans, good	1 20	105 60
209 pairs brogans, medium	60	125 40
12 pairs boots	2 50	30 00
119 chairs, good	25	29 75
146 chairs, medium	10	14 60
140 coats, good	3 00	420 00
174 coats, medium	1 00	174 00
69 caps, good	50	34 50
245 caps, medium	25	61 25
23 cups, quart, good	10	2 20
111 cups, quart, medium	5	5 55
133 cups, pint, good	8	14 64
111 cups, pint, medium	5	5 25
215 pairs drawers, good	50	107 50
330 pairs drawers, medium	25	82 50
311 set knives, forks and spoons	20	62 20
13 lamps, large, medium	40	5 20

"C."—Inventory of Prison Property.

FURNITURE AND CHATTELS—continued.		
169 lamps, small, good.....	\$0 15	\$25 35
82 lamps, small, new.....	10	8 20
100 pairs mittens, good.....	60	60 00
79 pairs mittens, med.....	30	23 70
124 night buckets, good.....	33	40 92
170 night buckets, med.....	25	42 50
169 pillow ticks, good.....	15	25 35
200 pillow ticks, medium.....	8	16 00
147 pairs pants, good.....	3 00	441 00
172 pairs pants, med.....	1 00	172 00
7 razors.....	30	2 10
48 stands, new.....	25	12 00
220 stands, med.....	15	33 00
39 stools, good.....	20	7 80
45 spittoons, good.....	6	2 70
185 spittoons, med.....	4	7 40
292 shirts, hickory, good.....	50	146 00
336 shirts, hickory, med.....	25	84 00
203 shirts, under, good.....	50	101 50
371 shirts, under, med.....	25	92 75
174 pairs socks, cotton, good.....	15	26 10
327 pairs socks, cotton, med.....	5	16 35
120 pairs socks, woolen, good.....	25	30 00
184 pairs socks, woolen, med.....	10	18 40
33 pairs suspenders, good.....	12½	4 13
114 pairs suspenders, med.....	5	5 70
200 towels, good.....	12½	25 00
110 towels, med.....	6	6 60
74 water pails, good.....	25	18 50
179 water pails, med.....	15	26 85
61 wash basins, good.....	20	12 20
206 wash basins, med.....	10	20 60
99 vests, good.....	1 25	123 75
193 vests, medium.....	36	69 48
269 rules and regulations.....	1	2 69
257 catalogues for library.....	6	15 42
Total.....		\$4,693 46
LIBRARY.		
698 volumes books.....		\$800 00
1 book-case.....		30 00
1 book-case.....		25 00
1 carpet.....		6 00
335 catalogues.....	6	20 10
School books, including new books purchased during the year.....		140 00
50 song books.....		9 00
1 table, writing.....		3 00
1 table, fall leaf.....		2 00
1 wardrobe.....		10 00
Total.....		\$1,045 10

"C."—Inventory of Prison Property.

MAIN OFFICE.		
1	atlas, Gray's.....	\$10 00
1	atlas, Fond du Lac county.....	10 00
13	Blank Books—	
	1 ledger.....	20 00
	1 ledger.....	16 00
	1 journal.....	16 00
	1 day-book.....	4 50
	1 cash book.....	4 50
	1 ledger, 8 qr.....	1 25
	5 ledgers, 8 qr.....	2 50
	1 record of conduct.....	11 50
	1 index prisoners' record.....	1 50
1	clock, regulator.....	10 00
1	copy press and stand.....	12 00
100	contract blanks.....	2 00
	1 desk stool, revolving.....	1 50
	1 desk stool, revolving.....	50
1	directory, state.....	5 00
1	directory, Fond du Lac city.....	2 00
1	duster, feather.....	50
1	gauge and wantage rod.....	2 00
1/2	dozen goggles.....	1 50
1	hammer.....	75
1	hat rack.....	75
1	lounge.....	10 00
2	lamps, safety.....	1 75
1	lamp, double, hanging.....	8 00
3/4	case matches.....	4 30
1	mail bag, canvas.....	1 50
1	office desk.....	25 00
1	office revolving chair.....	3 00
6	office chairs.....	75
2	order books.....	50
	postage stamps.....	1 00
3	Pictures—	4 50
	1 Washington and his Generals.....	4 50
	1 Declaration of Independence.....	4 50
	1 Shakespere and his Friends.....	6 00
1	Revised Statutes, U. S.....	6 70
1	Revised Statutes, Wisconsin.....	12 80
250	rules and regulations, pamphlets.....	24 00
430	rules and regulations, convicts.....	1
1	safe.....	250 00
2	spittoons.....	1 00
1	shovel tongue and iron.....	1 50
1	stamp, canceling.....	1 00
1	stamp, notary.....	1 00
1	pair shears.....	75
1	telescope.....	5 00
1	table, writing.....	10 00
1	tape line.....	1 00
44 1/2	yards uniform cloth.....	133 50
1	water tank and brackets.....	5 00
1	Webster's Dictionary.....	3 00
1	watchman's clock, shops.....	45 00
1	watchman's clock, attic.....	10 00
7—PRISON.		

"C." — *Inventory of Prison Property.*

MAIN OFFICE — continued.		
WARDEN'S OFFICE.		
4	gross buttons, coat uniform, \$12.00.....	\$48 00
4	gross buttons, coat uniform, \$6.00.....	24 00
	Dies.....	25 00
	Less buttons sold.....	1 25
		\$95 75.
1	bowl and pitcher and chamber	1 50.
1	brush broom.....	10
23	spools button hole twist	5 1 15.
$\frac{1}{8}$	doz. candles, lantern.....	10
1	carpet, 25 yards	65 16 25
2	chairs, cane seat.....	37 $\frac{1}{2}$ 75
1	chair, office, revolving.....	4 00
1	doz. combs, rubber	1 25 83
9 $\frac{1}{4}$	yards calico, blue, wide.....	15 $\frac{1}{2}$ 13 99
1	cupboard and book case.....	6 00
1	desk.....	40 00
1	faucet, brass	50
2	hair brushes	50 1 00
1	map of Dodge county.....	6 00
1	picture and frame.....	2 00
1	picture and frame.....	2 00
$\frac{3}{4}$	doz. polishing powders	2 00
1	razor	1 00.
5	razors	83 $\frac{1}{2}$ 4 17
1	stove and pipe.....	10 00
1	spittoon.....	50
1	safe, burglar proof.....	400 00
1	slop pail, green.....	87
1	pair shears.....	83
2	shoes, kid.....	2 00 4 00
10	doz. cakes soap, toilet	75 7 50
1 $\frac{1}{2}$	doz. cakes soap, Yankee shaving	75 75
5	doz. cakes soap, bay rum.....	75 3 75
14	doz. boxes thread, Clark's	55 7 70
	tambourine and bones	4 50
1	table, long	7 00
1	wardrobe	20 00
1	wash sink.....	4 00
	wall paper and border	3 50
1	bundle window cord.....	50
GUARD ROOM.		
1	ash pail.....	25
1	clock, regulator	8 00
11	chairs	75 8 25
1	can, 3 gallon.....	75
1	desk and drawers in washroom	3 50
16	lamps, including officers' rooms.....	75 12 00
1	lamp, gate.....	2 00
3	lanterns.....	1 00 3 00
2	mirrors	1 25
3	pictures and frames	1 50 4 50
7	pails in washrooms.....	15 1 05

"C."—Inventory of Prison Property.

MAIN OFFICE—continued.		
1 stove and pipe.....		\$15 00
1 settee.....		4 00
1 stool for office.....		50
4 spittoons.....	\$0 37½	1 50
1 show case for prisoners.....		5 00
3 wash dishes.....	20	60
2 writing desks and key cupboard.....		7 00
1 writing table.....		3 00
1 washtub.....		1 25
Total.....		\$1,485 24
ARMORY.		
5 buckshot guns, double barreled.....	40 00	\$200 00
10 rifles, Springfield, breech loading.....	15 00	150 00
6 rifles, Springfield, muzzle loading.....		45 00
13 muskets, Harper's Ferry.....	2 00	26 00
5 Colt's revolvers, navy.....	5 00	25 00
1 Colt's revolver, navy.....		1 00
1 revolver, Smith & Wesson's.....		15 00
5 revolvers, Smith & Wesson's.....	11 00	55 00
1 revolver, Smith & Wesson's.....		5 00
2 pairs handcuffs.....	4 00	8 00
4 jail locks.....	2 50	10 00
Total.....		\$540 00
OFFICERS' DINING-ROOM AND KITCHEN.		
12 aprons.....	20	\$2 40
1 ash pail.....		50
1 boiler, galv. iron.....		40 00
2 benches.....	25	50
1 bowl, large yellow.....		50
24 bowls, pint.....	10	2 40
1 boiler, copper.....		4 00
3 boilers, coffee.....		4 00
1 boiler, tea.....		1 00
2 boilers, small.....	50	1 00
1 box for knives and forks.....		1 00
2 brush brooms.....	10	20
2 boilers, tin.....	75	1 50
1 chair, rocker.....		1 00
25 chairs.....	25	5 25
1 coffee mill, new.....		1 25
1 coffee mill, old.....		25
1 cream freezer, new.....		3 00
6 castor stands.....		17 00
2 curtains and fixtures.....	1 00	2 00
1 coffee can, tin.....		1 25
3 dozen cups and saucers.....	1 50	4 50
1 cupboard for dishes.....		3 00
2 cupboards for crockery.....		9 00
15 cups, tin.....	10	1 50
1 set clothes bars.....		37

"C."—Inventory of Prison Property.

OFFICERS' DINING ROOM AND KITCHEN—con.		
1 cullender.....		\$ 0 75
1 cleaver.....		1 00
8 dishes, pickles.....	\$0 25	2 00
12 dishes, vegetables.....	37	4 44
6 dishes covers.....	75	4 50
16 dishes, tin, baking.....	10	1 60
1 desk, small.....		2 00
3 dish pans, large.....		4 25
2 dish pans, bakery.....	50	1 00
8 dripping pans, iron.....	50	4 00
32 forks, plated, per dozen.....	3 00	8 00
1 large iron.....		25
1 flour barrel, painted.....		1 00
2 flat irons.....	37½	75
73 glass cans.....	20	14 60
4 glass jelly.....	10	40
1 hash chopper.....		10 00
1 hammer.....		50
2 irons.....	75	1 50
1 ironing board.....		25
23 gallon jugs, stone.....	12½	2 85
70 gallon jars, stone.....	12½	8 70
4 knives, butter.....	25	1 00
30 set knife and forks.....	12½	3 75
1 knife, chopping.....		20
4 knives, meat and bread.....	25	1 00
2 kettles, porcelain.....		1 13
3 lamps.....	75	2 25
6 lamps, side and hanging.....	1 00	6 00
1 mustard box.....		50
1 milk safe.....		1 00
4 milk pails, large.....	75	3 00
2 milking pans, small.....	20	40
1 mirror.....		37
7 moulding boards.....	25	1 75
1 mortar, large.....		1 00
12 napkins, small.....	05	60
1 oil can.....		37
36 pans, gale.....	15	5 40
3 pans, cake.....	15	45
3 pans, cake.....	10	30
15 patters.....	02	45
27 plates, dining.....	15	4 05
26 plates, tea.....	10	3 60
20 plates, pie.....	06	1 20
26 plates, soup.....	15	3 90
24 plates, sauce.....	05	1 20
2 pitchers, large.....	75	1 50
6 pitchers, milk.....	37	2 23
5 pitchers, syrup.....	50	2 50
2 platters.....	1 00	2 00
6 platters.....	37½	2 25
3 potato mashers.....	05	15
1 poker.....		15
1 refrigerator.....		20 00
1 range.....		150 00

"C." — *Inventory of Prison Property.*

OFFICERS' DINING ROOM AND KITCHEN. (continued.)			
2½	dozen salts glass.....	\$0 40	\$1 00
1	stove and pipe.....		7 50
3	sinks, \$7.50, 2.50, 1.50.....		11 00
2	stands, fall leaf.....		1 50
1	strainer, No. 9.....		1 00
1	strainer, tin.....		75
1	set scales.....		11 00
2	steamers.....		3 50
1	shovel.....		35
8	spoons.....		46
2	stools.....	25	50
1	spider iron.....		1 00
17	tumblers..... per doz.	2 00	2 84
26	tea spoons, plated.....	25	6 50
30	table spoons, plated.....	50	15 00
24	tin pans.....	20	4 40
4	tables.....	2 00	8 00
1	tin trunk, cake.....		4 30
12	table covers, 42 yards.....	37½	15 75
3	table covers, 10½ yards.....	25	2 63
8	towels, long.....	25	2 00
25	towels, dish.....	6	1 50
3	tables, \$5.00, 2.50, 1.00.....		8 50
1	tray, flour.....		50
3	trays, hand.....	75	2 25
1	washboard.....		25
1	woodbox.....		75
WARDEN'S DINING ROOM, NOS. 5 AND 7.			
¾	dozen butlers' ind.....	37½	28
8	bowls, soup.....	15	1 20
1	basin and ewer.....		1 50
1	set crockery, brown, complete.....		48 00
1	call bell.....		1 50
2	center stands.....	4 00	8 00
1	dish, glass, round.....		1 25
1	dish, China.....		1 50
3	dishes, China, 50c, 75c, \$1.00.....		2 25
2	dishes, white, fruit.....	62½	1 25
1	dish, butter, covered.....		75
1	dozen forks, plated.....		7 43
2	glasses, celery.....	50	1 00
1	dozen goblets.....		2 00
2	knives, butter.....	75	1 50
1	ladle.....		1 50
1	set mats.....		1 50
1	pitcher, plated, silver goblet and salver.....		25 00
2	salvers, enam.....		
¾	dozen plates, dinner.....		1 25
¾	dozen plates, breakfast.....		1 00
¾	dozen plates, tea.....	1 20	90
2	pitchers, syrup.....	37½	75
1	pitcher, syrup.....		63
2	pitchers, water.....	50	1 00

"C."—*Inventory of Prison Property.*

WARDEN'S DINING ROOM—continued.			
2 $\frac{1}{4}$	dozen spoons, tea, plated.....	\$6 00	\$13 50
2 $\frac{3}{4}$	dozen spoons, table.....	12 00	9 00
2	spoons, sugar.....	1 50	3 00
1	tureen, soup, large.....		3 50
1	tureen, mustard.....		38
1	tureen, soup.....		1 00
1	teapot.....		50
1	tray, bread!.....		75
PRISONERS' KITCHEN, NORTH ROOM.			
1	ash pail.....		50
1	bench.....		10
2	brooms and dust pan.....		75
1	basket, large.....		50
1	cupboard.....		2 50
1	cleaver, large.....		1 00
3	chairs.....	25	75
2	dripping pans, large iron.....	75	1 50
2	dripping pans, small.....	37 $\frac{1}{2}$	75
2	dippers, one, 75; one, 25.....		1 00
1	hammer.....		25
2	iron forks.....		35
6	knives, butcher, two, 50c; two, 37 $\frac{1}{2}$; two, 12 $\frac{1}{2}$		2 00
1	lamp bracket.....		1 25
1	meat chopping machine.....		75 00
1	meat block and bench.....		2 50
1	meat saw.....		2 00
1	mop.....		15
3	pans, bakers.....	12 $\frac{1}{2}$	37
5	pails, two 75; three, 10.....		1 80
1	pump for bath room.....		20 00
1	set scales.....		3 00
1	scoop iron.....		15
2	strainers.....	25	50
1	scrub brush.....		25
2	stools.....		25
1	spoon, iron.....		10
1	spice mill, old.....		20
1	steel, 50; 1 scraper, 25.....		75
1	shovel and poker.....		75
2	tables, one, 2.00; one, 1.00.....		3 00
4	tin pans, two, 75; two, 25.....		2 00
3	wash tubs.....	1 00	3 00
1	wood box, old.....		25
PRISONERS' KITCHEN, SOUTH ROOM.			
7	bread trays, with handles.....	25	1 75
1	bread tray, painted.....		50
3	benches.....	10	30
1	boiler, coffee.....		5 00
1	boiler, potatoes.....		5 00
1	boiler, water, large.....		2 50
1	breadbox and table.....		1 50
1	clock.....		75

“C.” — *Inventory of Prison Property.*

PRISONERS' KITCHEN — SO. ROOM — continued.

1 cupboard for bread.....		\$10 00
1 coffee pot.....		50
2 dish pans, large.....	\$0 75	1 50
3 dippers, tin.....	10	30
1 force pump.....		20 00
1 funnel.....		25
2 knives, large.....		1 00
1 kettle, iron.....		75
1 lamp, hanging.....		75
2 lamps.....	37½	75
1 looking glass.....		25
2 lamps, side.....	1 12½	2 25
1 oven hoe.....		1 00
1 oil can.....		25
2 office chairs.....	50	1 00
5 pails, 2 tin.....		1 65
12 feet rubber hose and couplings.....	25	3 00
1 scraper, iron.....		25
3 spades, small iron.....		15
1 sieve, large.....		75
1 tub large, bread pudding.....		2 50
4 tables.....		4 00
1 water tank.....		7 50
1 wash sink.....		50
1 yeast can.....		1 00

BAKER'S ROOM.

375 basins, 2 quart.....	15	56 25
412 basins, 1 quart.....	8	32 96
1 cullender.....		75
1 flour box and sieve.....		4 00
24 pans, baking.....		11 00
1 scraper.....		15
1 trough, new.....		5 00
2 yeast tubs.....	75	1 50

HALL AND CELLAR.

2 benches.....	20	40
8 bread trays with slats.....	37½	3 00
1 carving board.....		25
1 dish rack.....		50
1 meat rack and bench.....		3 50
1 refrigerator.....		50 00
1 set scales, platform.....		35 00
1 swill tub.....		1 00
1 wood box.....		50

Total..... \$1,087 53

FAMILY, OFFICERS' AND GUESTS' ROOMS.

No. 1.

1 bedstead, \$18 00; 1 bureau, \$20 00.....		\$38 00
1 bureau and bookcase.....		14 00

"C." — *Inventory of Prison Property.*

FAMILY, OFFICERS' AND GUESTS' ROOMS		
No. 1. (continued).		
1 carpet, \$16.00; 1 clock, \$1.50.....		\$17 50
2 cane seat rockers, \$1.50 and \$1.00.....		2 50
2 cane seat chairs.....	\$0 37½	75
1 set chamber crockery.....		2 50
1 pail, covered, \$1.25; 1 lamp, \$1.00.....		2 25
1 wardrobe, \$20 00; 1 lounge, \$12.00.....		32 00
1 light stand, \$3.25; 1 spring bed, \$8.00.....		11 25
1 stove and pipe, \$10.00; 1 wash sink, 5.00.....		15 00
1 hair mattress.....		25 00
Nos. 2 and 3.		
1 bedstead, \$30.00; 1 bureau, \$25.00.....		55 00
1 marble top wash stand.....		15 00
1 bureau, black walnut, \$10 00; 1 towel rack, \$1.00.....		11 00
1 lounge, \$12.00; 1 stove and pipe, \$10.00.....		22 00
1 set chamber crockery.....		2 50
1 water set, painted.....		2 25
1 rocker, hair cloth.....		8 00
1 rocker, common.....		1 50
1 rocker, willow.....		1 50
2 cane chairs.....	60	1 20
1 carpet.....		10 00
1 center table, \$5.00; 1 stand, \$1.00.....		6 00
1 spring bed, \$8.00; 1 hair mattress, \$25.00.....		33 00
1 spittoon, \$0.38; 1 clock shelf, \$1.35.....		1 63
1 wood box.....		50
1 cupboard and drawers.....		14 00
No. 4. WARDEN'S APARTMENT — PARLOR.		
1 carpet.....		75 00
1 chandelier, 4 lights.....		20 00
3 sets curtains and fixtures.....		75 00
1 easy chair.....		25 00
6 chairs, hair cloth.....	4 00	24 00
3 rockers, hair cloth.....	8 00	24 00
2 sofas, hair cloth.....		30 00
1 marble top center table.....		18 00
2 marble top center tables.....	8 00	16 00
1 stove and pipe, for coal.....		45 00
2 rugs, \$0.75 and \$2.50.....		3 25
2 rep upholstered chairs.....	4 00	8 00
1 willow chair.....		2 50
1 spittoon.....		50
No. 6. SITTING AND BEDROOM.		
1 book case.....		30 00
1 black walnut center table.....		6 00
1 carpet, 73½ yards at 40c.....		29 40
70 yards lining.....	10	7 00
1 chandelier, 2 lights.....		10 50
2 sewing rockers.....	75	1 50
1 carpet sweeper.....		2 50
1 lounge and sofa.....		25 00

"C."—Inventory of Prison Property.

No. 6. SITTING AND BEDROOM — continued.		
1 looking glass.....		\$7 00
1 stove and pipe, coal.....		40 00
1 tin kettle \$1, 2 rugs \$1 each.....		3 00
1 matt \$1, 1 workstand \$10 00.....		11 00
1 students lamp.....		7 00
1 marble top table.....		10 00
1 dressing case.....		40 00
2 bedsteads, walnut.....		50 00
2 springbeds.....	\$8 00	16 00
2 hair mattresses.....	25 00	50 00
1 wardrobe \$20, 1 washsink \$5.....		25 00
7 chairs, haircloth.....	2 50	17 50
2 curtains and cornices.....	3 50	7 00
1 lambrequin.....		6 00
1 chamberset.....		2 50
1 waterset painted.....		2 00
4 chairs, cane seat.....	1 50	2 00
1 easy chair, rep.....		10 00
1 bath tub, tin.....		4 00
1 willow rocker.....		2 00
1 mirror towel rack.....		1 50
Nos. 5, 7. WARDEN'S DINING ROOM AND HALL.		
1 carpet in hall 30 yards.....	70	21 00
1 stair oil cloth, 12 $\frac{3}{4}$ yards.....	60	7 60
1 table cover, scarlet.....		5 50
1 oilcloth in dining room.....		2 00
1 stove and pipe.....		14 00
2 hat racks 1, \$10; 1, \$1.....		11 00
1 refrigerator.....		20 00
2 tables, — 1, 50 cts.; 1, \$3.....		3 50
3 stands.....	1 00	3 00
1 dishpan, tin.....		50
2 pails, tin.....	37 $\frac{1}{2}$	75
5 pails, wood.....	15	75
2 ash kettles.....	50	1 00
1 coal skuttle.....		75
1 carriage blanket.....		50
1 bureau.....		5 00
1 washbureau.....		3 00
2 lampfiller, 1, 25 cts.; 1, 50 cts.....		75
1 oil can.....		50
2 pairs shears.....	50	1 00
2 tin dippers.....	10	20
2 dish trays.....	75	1 50
3 slop pails, large.....	1 00	3 00
1 sideboard.....		75 00
1 extension table.....		15 00
1 cane revolving chair.....		5 00
1 office chair.....		1 00
16 chairs, cane.....	50	8 00
1 chair, high.....		25
1 hanging lamp double.....		5 00
1 clock.....		2 00
1 clock.....		2 00

"C." — *Inventory of Prison Property.*

Nos. 5 and 7. WARDEN'S DINING ROOM — con.		
1 bracket		\$2 00
1 cupboard		2 50
1 parlor lamp ..		4 00
5 parlor lamps	\$1 50	7 50
5 chamber lamps	75	3 75
1 bowl and pitcher		75
1 tub		75
1 scrub brush		50
1 mop		25
1 light stand		1 25
3 bracket lamps	1 25	3 75
1 small cook stove and pipe		10 00
1 clothes bars		37
1 tub, foot bath		50
1 crumb and brush tray		50
2 night lamps	12½	25
3 bracket lamps	1 00	3 00
1 bureau in bathroom		5 00
1 mirror		1 25
1 towel rack		75
1 clothes basket		1 00
1 carpet, old		8 00
BEDDING.		
50 blankets, white	3 00	150 00
36 sheets	25	9 00
23 pairs pillow cases	37½	8 63
9 bedspreads, white	4 00	36 00
10 bedspreads, colored	2 50	25 00
48 towels, fringed, large	37½	18 00
19 towels, narrow, assorted	12½	2 37
9 towels, red edged	05	45
24 napkins	37½	9 00
30 napkins, tea	15	4 50
4 table spreads, short	1 50	6 00
4 table spreads, long	2 50	10 00
9 pairs feather pillows	3 00	27 00
2 bed comforters	1 50	3 00
PARLOR BEDROOM.		
1 bureau, with glass		20 00
1 washstand		5 00
1 bedstead, walnut		30 00
1 spring bed		10 00
1 hair mattress		30 00
1 water set, painted, \$2; 1 chamber, covered, 75c		2 75
1 basin and ewers		1 50
1 soapdish		50
1 carpet		7 50
1 brushholder		38
No. 10. GUESTS' ROOMS.		
1 bedstead, \$20; 1 bureau, \$10		30 00
1 washsink, \$7; 1 rocker, \$1		8 00

"C."—Inventory of Prison Property.

No. 10. GUESTS' ROOMS—continued.		
2 cane chairs, \$1; 1 carpet, \$10		\$12 00
1 water set, \$2.50; 1 set chambers, \$2.50		5 00
1 stove and pipe, \$10; 1 spring bed, \$8		18 00
1 mattress, \$25; 1 center table, \$5		30 00
No. 11.		
1 set furniture, oak, 3 pieces.....		60 00
1 bedstead, walnut		12 00
2 knives.....	\$0 12½	25
3 cane chairs.....	50	1 50
1 towel rack, \$1.25; 1 spittoon, 50c.....		1 50
1 stove and pipe		10 00
2 spring beds.....	8 00	16 00
2 hair mattresses.....		50 00
1 set chamber crockery.....		2 50
1 rocker, \$1.50; 1 rocker, 75c.....		2 25
1 carpet, new, 40⅔ yards.....	85	34 57
1 chest in octagon.....		3 00
1 water set, \$2; 1 center table, \$5		7 00
No. 9.		
1 mattress, \$1.50; 2 bedsteads, \$3		4 50
1 bureau, \$4; 1 hair mattress, \$20		24 00
4 chairs, old.....	25	1 00
No. 8.		
1 bedstead, \$3; 1 wash bureau, \$3.....		6 00
1 rocker, \$1.50; 3 cane chairs, \$1.50.....		3 00
1 light stand, \$1.25; 1 stove and pipe, \$6.....		7 25
1 straw tick and mattress.....		6 00
1 set chamber crockery		2 00
1 mirror, 75c; 1 spittoon, 25c.....		1 00
1 carpet		5 00
1 bracket, \$1.50; 2 small brackets, \$1.25.....		2 75
No. 12.		
1 bedstead, black walnut		10 00
1 bureau with glass		15 00
1 hair mattress.....		25 00
1 wash bureau		6 00
1 rocker.....		75
4 chairs, 50c.; 1 light stand, \$1		3 00
1 carpet, 18 yards	60	10 80
1 oil cloth.....		75
1 set chamber crockery.....		1 25
2 wardrobes in hall		5 00
1 towel rack with mirror.....	1 00	1 00
1 set window curtains and fixtures.....		2 00
No. 13.		
1 mirror, 75c; 1 bedstead, \$3		3 75
1 light and wash stand		1 50

"C." — *Inventory of Prison Property.*

No. 13. — continued.		
1 bureau, \$6.00; 1 wardrobe, \$4.00.....		\$10 00
1 stove and pipe.....		5 00
2 chairs, cane.....		1 25
1 rocker, 75c; 1 pail, 20c.....		95
1 set chamber crockery.....		1 00
1 straw-tick and mattress.....		25 00
No. 14.		
1 washbureau, \$5.00; 1 lightstand, \$1.00.....		6 00
1 wardrobe in hall.....		10 00
2 rockers, \$2.00; 2 blankets, \$1.00.....		3 00
1 moss mattress.....		7 00
2 window curtains and fixtures.....		3 00
1 reflector.....		3 00
No. 16.		
2 bedsteads.....	\$3 00	6 00
1 mirror, \$1.50; bureau, \$6.00.....		7 50
1 table, \$1.50; 1 washstand, \$1.50.....		3 00
3 chairs, \$1.50; 2 strawticks, \$1.50.....		3 00
2 mattresses.....	7 00	14 00
1 stove and pipe.....		7 00
1 wash sink, \$3.00; 1 pail, 25c.....		3 25
1 set chamber crockery.....		1 50
1 wood box, 50c; 1 rocker, \$1.00.....		1 50
No. 17.		
1 bedstead.....		4 00
3 bedsteads.....	2 50	7 50
1 bureau and glass.....		10 00
2 washstands, one \$1.00, the other 75c.....		1 75
1 center table, \$2.00; 3 chairs, \$1.80.....		3 80
1 pail, 20c; 1 wood box, 50c.....		70
1 lounge, \$5.00; 1 old rocker, 75c.....		5 75
1 strawtick and mattress.....		12 00
3 strawticks and mattresses.....	6 00	18 00
1 set chamber crockery.....		1 00
1 stove and pipe.....		6 00
NIGHT GUARD'S ROOM IN ATTIC.		
3 bedsteads.....	2 50	7 50
3 strawbeds and mattresses.....	7 00	21 00
1 stove and pipe, \$5.00; 1 sink, \$2.00.....		7 00
1 set chamber crockery.....		2 50
1 bureau with glass.....		12 00
1 cupboard.....		2 00
5 chairs.....	50	2 50
1 round table.....		2 00

"C." — *Inventory of Prison Property.*

OFFICERS' BEDDING.		
21 pairs blankets, dark	\$2 75	\$57 75
3 single blankets, dark	1 37½	4 13
14 pairs blankets, white	3 50	49 00
13 single blankets, white	1 75	22 75
11 bedspreads	2 00	22 00
15 bed sheets	30	4 50
24 bed sheets, narrow	20	4 80
28 pillow slips	20	5 60
39 towels, roller	25	9 75
Total		\$2,706 58
CHAPEL.		
1 blanket for organ		\$2 00
2 brooms, 20c.; 1 ash kettle, 25c.		45
1 cabinet organ		50 00
1 chair, cane-seat		50
186 chairs, wood	331½	62 00
2 chairs, office	75	1 50
8 chairs, bent rim	50	4 00
1 chaplain's desk, with bible fixtures ..		25 00
2 stoves, and pipe		30 00
1 organ stool, \$3.50; 1 step ladder, \$2.00		5 50
42 settees, iron frame		300 00
3 settees, wood		3 00
2 wood boxes		80
1 table and book case		1 00
2 tables and horses for writing		3 00
75 hymn books		25 25
9 song books		10 69
Total		\$525 69
HOSPITAL.		
6 bedsteads	2 50	\$15 00
4 bed spreads	2 00	8 00
8 bed pillows	75	3 00
13 bed sheets	75	4 87
13 bed blankets	1 50	27 00
19 pillow cases	10	1 90
7 towels, short	17½	88
4 towels, long	75	1 50
2 chamber vessels	75	1 50
1 night stool	1 00	1 00
2 night buckets	75	75
1 earth closet		10 00
1 clothes press		3 00
6 chairs	50	3 00
2 rockers, \$1.50; 2 stools, 60c.		2 10
1 wood box, 50c.; 2 water pails, 30c ..		80
1 slop pail, 20c.; 1 ash pail, 75c		95
1 washtub		75
1 watertank, \$3.50; 1 dipper, 15c.		3 65
3 washpans	10	30

"C."—Inventory of Prison Property.

HOSPITAL—continued.		
1 sink and refrigerator.....		\$3 00
1 tin pail, 25c; 4 tin cups, 30c.....		55
2 smoothing irons.....	\$0 25	50
1 teapot, 50c; 1 bowl, 37c.....		87
2 tin pans, large.....	15	30
10 plates, table.....	12 1/2	1 25
6 knives and forks.....		
6 spoons.....		
3 spoons, tea.....		4 00
6 cups and saucers.....		
1 oil can, 25c; 2 oil lamps, 75c each.....		1 75
1 stove and pipe.....		15 00
1 bureau.....		6 00
18 yards carpet.....	25	4 60
1 boiler, 50c; 1 teakettle, 50c.....		1 00
1 clock.....		4 00
1 mirror, 50c; 1 washboard, 25c.....		75
2 tables, 1 \$2.00; 1 \$1.00.....		3 00
1 broom, 15c; 1 dust pan, 20c.....		35
1 window curtain.....		25
1 mattress, hair and tow.....		5 00
4 bed ticks.....	25	1 00
1 spring bed.....		7 50
10 forceps.....		15 00
1 U. S. Dispensary.....		4 50
Total.....		\$170 02
DEPUTY WARDEN'S RESIDENCE.		
4 bureaus.....	8 00	\$32 00
6 bedsteads.....	10 00	60 00
11 brackets.....	50	5 00
1 bell table.....		1 00
64 1/2 yards carpet.....		
60 yards lining.....	90	58 05
4 carpets, one \$15.00; three \$16.00.....		31 00
29 chairs.....	60	17 40
1 clock.....		3 00
4 chamber crockery.....	1 25	5 00
1 center table.....		7 00
1 cupboard.....		2 00
3 yards oil cloth.....		2 25
2 hat racks.....	2 50	5 00
1 chandelier.....		6 00
5 lamps.....	1 00	5 00
2 lamps.....	2 25	4 50
3 lounges.....	10 00	30 00
2 looking glasses.....	1 25	2 50
1 light stand.....		1 25
1 music stand.....		1 25
1 leaf table.....		2 00
5 mattresses and 5 spring beds.....	26 00	130 00
1 mirror.....		1 25
3 spittoons.....	25	75
3 stoves and pipes.....	10 00	30 00

"C."—Inventory of Prison Property.

DEPUTY WARDEN'S RESIDENCE — continued.

1 sofa, hair cloth		\$15 00
1 sink.....		8 00
3 screens for doors.....	\$1 50	4 50
2 towel racks.....	75	1 50
1 extension table.....		12 00
1 marble top		7 00
1 set parlor furniture, seven pieces.....		60 00
1 side board.....		35 00
3 mats.....	37 $\frac{1}{2}$	1 13
5 tin pails.....	50	2 50
13 mosquito bars.....		2 40
4 rockers cane.....	1 50	6 00
3 pails, wood.....	75	2 25
1 rug \$2.50, 1 set mats \$1.00.....		3 50
4 wash bureaus.....	4 00	16 00
3 wash stands.....	2 00	6 00
2 ward robes.....		40 00
1 whatnot.....		8 00
8 window curtains.....	50	4 00
3 lambrequins	3 00	9 00
5 lambrequins, new	7 00	28 00

KITCHEN.

16 bowls.....	15	90
5 bake tins.....	15	75
1 castor stand		4 75
50 coffee cups and saucers.....		3 00
1 dish, butter.....		75
1 chopping knife		25
1 egg beater 25 cents, one coffee mill 25 cents.....		50
1 cook stove and furniture.....		25 00
1 coffee pot 50 cents, one carving knife and fork \$3.00.....		3 50
10 forks, plated, per dozen.....	4 00	3 33
9 goblets, glass.....		2 00
2 dishpans, glass.....	75	1 50
2 dippers	10	20
1 dish pickle		1 25
1 dish, gravy.....		58
4 platters	50	2 00
2 platters, small.....	10	20
38 glass fruit jars.....	20	7 60
2 graters.....	15	30
12 milk pans.....	25	3 00
1 glass dish 50 cents, one teapot stand 75 cents.....		1 25
3 two gallon jars		30
11 knives.....	25	2 75
2 knives, butcher.....	75	1 50
1 oil can 25 cents, one sieve 30 cents.		55
6 table mats		1 75
5 tumblers, small.....	10	50
1 water cooler \$3.00, one soup tureen \$1.25		4 25
1 pitcher, syrup.....		40
2 pitchers, cream.....	75	1 50
1 pitcher, water		75
11 spoons, table, per dozen.....	12	11 00

"C."—Inventory of Prison Property.

DEPUTY WARDEN'S RESIDENCE—continued.

KITCHEN—continued.

1 dozen spoons, tea.....		\$10 00
1 spoon, sugar.....		75
1 spoon, soup.....		50
1 dozen tea cups and saucers.....		1 50
1 spoonholder.....		50
20 plates, sauce.....	\$0 75	1 25
6 plates, soup.....		70
34 plates, dinner..... per dozen	1 00	2 83
7 plates, baking.....	25	1 75
14 plates, pie.....	10	1 40
3 plates, tin.....	3	9
2 pans, pressed.....	30	60
$\frac{1}{2}$ dozen salts, new.....		20
2 stone jars, 12 gal.....	8	96
1 sugar bowl.....		50
1 strainer, 50 cts., 1 ice cream freezer, \$6.....		6 50
7 vegetable dishes.....	3	2 63
1 teapot.....		2 75
1 washtub.....		1 25
52 towels.....	20	10 40

BEDDING.

10 blankets.....	3 00	30 00
4 bedspreads.....	2 50	10 00
3 dozen napkins.....	2 50	7 50
10 pillows.....	1 00	10 00
25 pillow cases.....	20	5 00
19 sheets.....	75	14 25
3 water sets.....	2 00	6 00
5 table clothes, white.....	1 60	8 00

MATRON'S APARTMENT.

1 bedstead, \$12; 1 bureau \$6.....		18 00
1 bureau, black walnut with glass.....		20 00
2 spreads, wide.....	2 50	5 00
4 blankets, double.....	3 00	12 00
1 carpet, bedroom.....		10 00
1 carpet, sitting room.....		6 00
3 curtains.....	50	1 50
5 chairs, cane seat.....	50	1 50
1 scroll arm rocker.....		1 50
1 brace arm rocker.....		1 50
1 lounge.....		8 00
2 lamps.....		1 50
3 lamps.....	1 50	4 50
1 clock, \$3; 1 stand, \$1.75.....		4 75
1 washstand.....		4 00
5 sheets.....	75	3 75
7 pillow cases.....	20	1 40
1 spring bed and mattress.....		26 00
1 stove and pipe.....		10 00
1 set chamber crockery.....		2 00
1 waterset, painted.....		2 25
1 wardrobe.....		6 00

"C."—Inventory of Prison Property.

DEPUTY WARDEN'S RESIDENCE—continued.

MATRONS' APARTMENT—continued.

1 towel rack.....		\$0 75
1 spittoon		37
2 pillows		2 00
7 towels, five, 25; two, 15.....	\$1 00	1 55
4 napkins		50
5 brackets	12½	1 87
Total	37½	\$1,094 79

FEMALE DEPARTMENT.

2 boilers.....	\$2 50	\$5 00
2 clothes wringers	6 00	12 00
1 clothes wringer, small.....		1 50
10 chairs, five, 15; five, 33½.....		2 42
13 flat irons.....	25	3 25
1 kettle, \$1.00; 1 oil can.....		1 25
5 pails, wood	20	1 00
5 pails, tin.....	30	1 50
4 racks for clothes		3 00
7 night buckets	50	3 50
2 stoves and pipes, one, \$5.00; one, \$10.00		15 00
1 stove and pipe, cooking		20 00
15 stands.....	20	3 00
Assortment of tin dishes, cups and saucers		15 00
6 clothes baskets.....	75	4 50
5 tables.....	1 00	5 00
1 rocker cane.....		1 00
1 washing machine		3 00
5 wash benches.....	50	2 50
8 wash tubs.....	1 00	8 00
1 wash tub, small		50
1 clock		2 00
7 glass lamps.....	50	3 50
7 mirrors, small	50	3 50
1 sewing machine.....		40 00

BEDDING AND CLOTHING.

20 blankets, single	1 25	25 00
9 blankets, double	2 50	22 50
18 sheets	37½	6 75
16 pillow cases	20	3 20
7 suits underclothing.....	1 00	7 00
13 dresses, new	1 00	13 00
3 dresses	25	75
14 pairs stockings.....	20	2 80
13 towels	12½	1 63
9 bedticks	37½	3 37
7 bedspreads	1 50	10 50
12 window curtains.....	12½	1 50
5 cupboards, small.....	50	2 50
10 wash basins.....	15	1 50
Total		262 92

“D.”— *Statement of Sales.*

“D.”

STATEMENT OF SALES

During the year ending September 30, 1879.

SUMMARY.

Chairs sold.....	\$768 78
Wagons sold.....	9,479 66
Lumber sold.....	2,560 46
Machinery sold.....	665 00
Cloth for uniform of officers.....	256 35
Clothing stock sold.....	54 78
Repairs from shoeshop.....	2 90
Sockets sold.....	23 45
Live stock sold.....	39 50
All other sales.....	476 67
Total.....	\$14,327 55

"D." — *Statement of Sales.*

SALES FROM CHAIR SHOP.

1878				
Oct. 1	W. Yokee —			
	1 scroll arm rocker			\$2 50
	3 bowbacks, fancy			1 50
Oct. 29	C. L. Higgins —			
	2 dozen bowbacks	\$4 00		8 00
Nov. 3	Da. I. N. O'Brien —			
	4 bowbacks	50		2 00
Nov. 12	Blanchard & Kirwin —			
	10 dozen bowbacks, fancy	4 00		40 00
	10 dozen doublebacks	3 75		37 50
	½ dozen scroll arm rockers	22 00		11 00
Nov. 16	C. G. Mueller —			
	15½ dozen doublebacks	4 00		62 00
	8 dozen bowbacks, fancy	5 00		40 00
	2 dozen office	11 00		22 00
	1 dozen scroll rockers			25 00
	1-6 dozen scroll arm	16 00		2 66
Nov. 21	Brooks & Nudd —			
	ch. ir stuff			84
Nov. 23	E. Haueisen —			
	½ dozen fancy spindle	4 00		2 00
	1 dozen bowbacks, No. 1			4 00
Nov. 25	U. O. Manf. and Building Co. —			
	20 dozen bowbacks, fancy	4 00		80 00
	10 dozen double backs	3 50		35 00
	5 dozen scroll arm rockers	19 00		95 00
Dec. 6	C. L. Higgins —			
	1 dozen paddybacks			4 00
	¼ dozen office			2 50
	1-6 dozen scrolls and rockers	24 00		4 00
Dec. 9	J. L. Curtis —			
	4 dozen bowbacks	4 00		16 00
	1 dozen bowback, fancy			4 00
	1 dozen scroll arm rockers			21 00
Dec 9	B. Baldwin —			
	1 Mits Boston rocker			1 00

"D."—Statement of Sales.

SALES FROM CHAIR SHOP—continued.		
1878		
Dec 9	Cash—	
	1 doll crib.....	\$1 00
Dec. 16	A. Bogar—	
	1 misses Boston.....	75
Dec. 17	Wm. Reese—	
	8½ dozen double backs.....	\$4 00 33 33
Dec. 18	E. Haneison—	
	1 dozen bowbacks, fancy.....	4 25
	1 dozen bowbacks, No. 1.....	4 00
	1 dozen double backs.....	4 00
Dec. 26	H. D. Clark—	
	1 dozen common spindle.....	4 00
	½ dozen child's rockers.....	\$6 00 3 00
1879		
Jan. 16	H. S. Ormsbed—	
	4 bunches cane.....	2 12
Jan. 18	W. M. Cole—	
	50 double backs.....	30 cts. 15 00
Feb. 14	Cash—	
	1 dozen fancy bowbacks.....	6 00
Feb. 20	F. W. Tilish—	
	½ dozen scroll arm rockers.....	\$23 00 11 50
Feb. 24	Deaf and dumb asylum—	
	6 dozen bowbacks, fancy.....	\$4 00 24 00
Mar. 18	I. L. Curtis—	
	12 dozen double backs.....	\$3 50 42 00
	1 dozen scroll arm rockers.....	21 00
Mar. 21	C. L. Higgins—	
	2 dozen bowbacks, No. 1.....	\$4 00 8 00
May 2	H. Boland—	
	1 scroll arm rocker.....	2 00
	2 office chairs.....	3 00
	1 stool.....	38
May 2	E. Haniesen—	
	¾ dozen double backs.....	\$4 00 3 00
May 20	C. L. Higgins—	
	1 dozen double backs.....	4 00
July 2	Henry Winz—	
	7 dozen double backs.....	\$3 60 25 20
	1 child's rocker.....	75
July 26	F. W. Tilisch—	
	1 dozen scroll arm rockers.....	23 00
	Total.....	\$768 78
SALES OF WAGON SHOP.		
	Sold to O. Chas. Gale & Co.—	
	3 double box wagons.....	\$44 33 \$133 00
	5 wagon gearings.....	40 00 150 00
	28 wagons double box.....	40 00 1,120 00
	Sold to W. M. Power & Co.—	
	15 double box wagons.....	685 00
	Sold to Wm. Davis—	
	45 wagons.....	997 00
	Sold by Mr. Foote to Whitman & Brown, Spring Valley	
	21 single box wagons; 6 double box wagons.....	1,400 00

"D."—Statement of Sales.

SALES OF WAGON SHOP—continued.		
Sold by Mr. Foote to Smith & Gratton, Austin, Minn.—		
	22 single box wagons and 6 double box wagons.....	\$1,358 00
Sold by Mr. Foote at Sparta, Wis.—		
	27 single box wagoas.....	1,100 00
1878.		
Oct. 23	Geo. Hoelm —	
	1 wagon complete.....	40 00
Nov. 7	Thatcher & Young —	
	15 wagons, 3¼ in.....\$45 00	675 00
	5 wagons, 3 in... ½..... 42 50	212 50
	5 democrat wagons..... 45 00	225 00
Dec. 2	Bogie & McDonald —	
	1 single box wagon.....	55 00
Dec. 16	D. Sloper —	
	1 wagon box	5 00
Dec. 21	A. Bogar —	
	1 cutter	25 00
1879.		
Jan. 9	1 democrat wagon.....	55 00
Mar. 10	H. M. Chapman —	
	2 wagons, double box.....	119 00
Mar. 13	A. Bogar —	
	1 single box wagon.....	45 00
Mar. 18	Bogie & McDonald —	
	4 single box wagons.....	220 00
Mar. 19	A. Bogar —	
	1 double box wagon.....	50 00
Apr. 5	H. M. Chapman —	
	1 double box wagon	52 66
Apr. 16	D. Sloper —	
	1 double box wagon	45 00
Apr. 17	Fred. Steward —	
	1 single box wagon.....	55 00
Apr. 29	C. S. Ripley —	
	1 single box wagon.....	50 00
May 1	T. M. Sawyer —	
	1 double box wagon.....	50 00
May 6	Cash for —	
	1 set spokes and felloes.....	3 00
June 17	Cash for —	
	1 set hubs and 2 set spokes and felloes.....	7 00
July 1	A. Bogar —	
	1 double box wagon.....	45 00
July 2	Fred. Steward —	
	1 single box wagon.....	55 00
July 12	Philo Foote —	
	1 double box wagon	40 00
July 18	Cash for —	
	1 wagon tongue	2 50
Aug. 2	Geo. Wood —	
	4 tires on wagon.....	5 00
Aug. 20	A. Bogar —	
	1 set whiffletrees.....	2 50

"D." — Statement of Sales.

SALES OF WAGON SHOP—continued.			
1879.			
Sept. 15	A. Bogar—		
	2 doublebox wagons.....	\$45 00	\$90 00
Sept. 16	Warren Springsted—		
	3 single box wagons.....	47 50	142 50
Sept. 30	Bogie & McDonald—		
	3 single box wagons.....	55 00	165 00
	Total		\$9,479 66
LUMBER SOLD.			
1878.			
Oct. 9	C. B. Martin—		
	500 feet elm.....	\$12 00	\$6 00
Oct. 31	N. W. Furniture Co.—		
	6191 feet rock elm.....	12 00	74 29
Nov. 25	A. Bogar—		
	120 feet maple.....		1 44
1879.			
Jan. 16	Van Brunt & Barber—		
	16,153 feet elm.....	10 00	161 53
Feb. 20	Mitchel Lewis & Co.—		
	11,112 feet elm.....	\$15 00	166 68
	less freight.....	46 00	
			120 68
Mar. 18	E. C. Goff—		
	147 feet elm.....	15 00	2 20
Mar. 20	De Groat & Giddings—		
	6,616 feet elm.....	11 00	72 77
Mar. 26	Phoenix Chair Co.—		
	62,500 feet elm.....	10 00	625 00
Mar. 31	N. W. Furniture Co.—		
	6,462 feet elm.....	12 00	77 54
	6,131 feet maple.....	11 00	67 44
Apr. 4	McDonald Manu. Co.—		
	10,346 feet rock elm.....	10 50	203 13
Apr. 5	Althouse, Wheeler & Co.—		
	6,111 feet rock elm.....	11 00	56 22
June 18	Geo. Esterly—		
	21,103 feet soft maple.....	11 00	232 13
July 15			
	67,488 feet soft maple.....	11 00	742 36
Sept. 29			
	15,638 feet soft maple..	7 50	117 73
	Total		\$2,560 46
MACHINERY SOLD.			
1879.			
May 19	Geo. Esterly—		
	1 Whitney gauge lathe.....		\$290 00
Sept. 5	W. K. Rideout—		
	1 guage lathe.....		300 00
Sept. 16	Geo. Esterly—		
	1 shaper, complete.....		75 00
	Total		\$665 00

“D.”—Statement of Sales.

1878. CLOTH FOR UNIFORM FOR OFFICERS, SOLD.			
Oct 16	J. s. Carroll.....	3½ yards....	\$3 00
Oct 16	Alex. White.....	4¾ yards....	3 00
Oct 23	John Irving.....	1¼ yards....	3 00
Oct 31	E. Spear.....	1¾ yards....	3 00
Oct 31	H. Brooks.....	3¾ yards....	3 00
Nov. 3	I. H. Heath.....	1¾ yards....	3 00
Nov. 3	J. L. Sargent.....	1½ yards....	3 00
Nov. 5	J. McDonald.....	3½ yards....	3 00
Nov. 12	Dr. Hill.....	4¾ yards....	3 00
Nov. 12	D. C. Reynolds.....	1½ yards....	3 00
Nov. 21	G. W. Burchard.....	2½ yards....	3 00
Dec. 9	Alex. White.....	2¾ yards....	3 00
Dec. 16	M. White.....	1¾ yards....	3 00
1879			
Jan. 20	C. S. Gilman.....	1½ yards....	3 00
Mar. 5	T. Colvin.....	3¾ yards....	3 00
Apr. 15	W. H. Ferris.....	3½ yards....	3 00
Apr. 21	S. Warren.....	3¾ yards....	3 00
Apr. 21	M. White.....	3¾ yards....	3 00
Apr. 23	H. N. Smith.....	4 yards....	3 00
Apr. 24	Julius Guden.....	3¾ yards....	3 00
Apr. 28	C. D. Holland.....	1½ yards....	3 00
May 12	A. Bogar.....	3½ yards....	3 00
May 23	Jos. Carroll.....	1¼ yards....	3 00
June 9	J. McEwan.....	3½ yards....	3 00
June 9	D. C. Reynolds.....	2¾ yards....	3 00
July 15	G. P. Rowels.....	3½ yards....	3 00
Aug. 8	Jacob Fuss.....	3½ yards....	3 00
Aug. 28	Jacob Fuss.....	1¼ yards....	3 00
Sept. 8	James Hillyer.....	3½ yards....	3 00
		80 yds., 16½ in.	\$241 25
May 6	I. H. Heath, 1 uniform suit.....		15 00
	Total.....		\$256 35
1878. CLOTHING STOCK SOLD.			
Oct. 31	H. N. Smith, 3 yards silesia.....	\$0 13½	\$0 40
Nov. 21	United States, 1 G. O. suit.....		15 00
1879.			
Jan. 30	H. N. Smith, 1½ yards silesia.....	12	18
Feb. 20	United States, 2 G. O. suits.....	15 00	30 00
Mar 31	Henry Brooks, 1 yard duck.....		10
Mar. 31	H. N. Smith, 1½ yards silesia.....		20
July 18	H. N. Smith, 5 yards silesia.....	10	50
Aug. 23	Jacob Fuss, 12 yards satinnet.....	12½	3 00
Sept. 15	H. N. Smith, 21 yards bleached.....	12	2 52
Sept. 15	Alex. White, 24 yards bleached.....	12	2 88
	Total.....		\$54 78

"D." — Statement of Sales.

1878.	REPAIRINGS FROM SHOE SHOP.	
Oct. 31	Henry Brooks, repairs.....	\$1 40
Nov. 30	C. S. Gilman, repairs	40
1879.		
Jan. 30	I. H. Heath, repairs	1 00
	Total	\$2 90
1878.	SOCKETS SOLD.	
Oct. 28	Jos. Canon —	
	6 rough sockets..... 25	\$3 00
1879.		
May 30	Henninger Bros. —	
	4 rough sockets.....	2 45
June 6	Jas. Canon —	
	4 rough sockets..... 50	2 00
June 10	Hillyer & Wellington —	
	12 rough sockets	50
Sept. 20	Jos. Canon —	
	10 rough sockets	5 00
Sept. 30	10 rough sockets	5 00
	Total	\$23 45
1878.	LIVE STOCK SOLD.	
Nov. 23	Rev. Darling —	
	1 cow and calf	\$32 50
1879.		
Sept. 30	D. S. Wood —	
	2 stag hogs.....	7 00
	Total	\$39 50
1878.	ALL OTHER SALES.	
Oct. 1	H. M. Kutchin —	
	1 book "poems"	\$1 75
Oct. 1	M. D. Wells & Co. —	
	12 lbs. rags	24
Oct. 4	M. J. Davis & Co. —	
	230 gallons, turp. Japan.....	120 75
Oct. 4	H. F. Mathews —	
	47 empty flour brls	25
Oct. 29	M. J. Davis & Co. —	
	18 empty brls	9 70
Oct. 31	M. D. Wells & Co. —	
	putting up shafting.....	8 00
Nov. 12	W. G. Oliver —	
	845 lbs. rags	16 90
Nov. 12	F. S. Green —	
	1 register	1 50
Nov. 25	W. H. Ferris —	
	100 lbs. flour.....	2 14
Nov. 30	M. D. Wells & Co. —	
	iron and rod.....	1 00
Nov. 30	Cash —	
	5 gall. soap	1 00

"D."—Statement of Sales.

ALL OTHER SALES—continued.		
1878.		
Nov 30	Dr. I. N. O'Brien—	
	10 $\frac{1}{10}$ bushels of potatoes.....	\$5 43
Dec. 9	Cash—	
	291 lbs. rags.....	2 5 82
Dec. 9	W. H. Ferris—	
	1 snow shovel.....	25
Dec. 26	Althouse, Wheeler & Co.—	
	2 return bends.....	40
Dec. 28	A. Bogar—	
	1 pint varnish.....	25
Dec. 28	M. D. Wells & Co.—	
	1 bbl. charcoal.....	50
1879.		
Jan. 16	S. S. Ormsbee—	
	4 bunches cane.....	2 12
Jan. 30	M. D. Wells & Co.—	
	work and moving machinery.....	7 80
Feb. 28	resetting machinery.....	7 70
Mar. 27	1 gallon vinegar.....	16
	work from blacksmith shop.....	12 26
Apr. 7	W. Schultz—	
	6,500 lbs. bones, per ton.....	\$6 00 19 50
Apr. 31	M. D. Wells & Co.—	
	replacing machinery.....	1 31
May 9	Cash—	
	1,266 lbs. rags.....	2 25 32
May 24	Oliver Bros.—	
	20 ft. 4 in. pipe.....	10 25
May 31	M. D. Wells & Co.—	
	replacing machinery.....	5 37
June 3	28 lbs rags.....	2 56
June 10	25 lbs rags.....	2 50
July 1	1 bbl. charcoal.....	75
	450 hooks.....	1 4 50
	planing lumber.....	40
July 25	A. Bogar—	
	4 pieces lumber.....	30
July 31	Cash for—	
	2,500 lbs. bones.....	6 00 7 50
	44 empty bbls.....	24 80
	50 lbs. copper rivets.....	10 5 00
	4,280 lbs. old iron.....	$\frac{1}{2}$ 21 40
	4,280 lbs. old iron.....	$\frac{1}{5}$ 8 56
July 31	M. D. Wells & Co.—	
	6 feet oak lumber.....	18
	4 pieces maple lumber.....	40
Aug. 4	Marke & Harris—	
	7 $\frac{1}{2}$ feet 2 in. gas pipe.....	30 2 25
Aug. 5	Cash for—	
	574 lbs rags.....	2 11 48
Aug. 5	House of Correction—	
	6 $\frac{1}{2}$ pkgs gold leaf.....	2 00 13 00
	3 lbs. gold bronze.....	3 00 9 00
	12 lbs. graining colors.....	18 2 16
	322 lbs. flint.....	2 6 44
	112 lbs. rose pink.....	10 11 20

"D." — Statement of Sales.

ALL OTHER SALES — continued.		
1879.		
Aug. 5	House of Correction —	
	294 pounds ochre	\$0 01 $\frac{3}{4}$
	195 pounds twine	11
	217 pounds wrapping paper	1 60
Aug. 26	Mrs. Ford —	
	1 easel	75
Sept. 15	W. H. Terris —	
	1 cord poplar	2 00
Sept. 16	Cash for —	
	1 bellows and anvil	20 00
	1 mandrel and small tools	7 00
Sept. 20	Jacob Fuss —	
	1 lamp	4 00
Sept. 20	H. N. Smith —	
	1 lamp	5 50
	1 fruit dish	1 25
	express	25
		\$480 41
	Less freight on goods to House of Correction	3 74
	Total	\$476 67

Cost of Subsistence.

COST OF SUBSISTENCE.

Subsistence on hand Oct. 1, 1878.....	\$736 18	
Paid for subsistence during the year	14,367 02	
Pasturing and driving cows	55 70	
Freight	131 41	
Products from farm	1,056 50	
		\$16,346 81
Less subsistence on hand Oct. 1, 1879.. ..	\$1,120 28	
received for board of officers' families	166 27	
bones	27 00	
subsistence.....	19 52	
		1,333 07
Total cost of subsistence		\$15,013 74
From which should be deducted cost of officers' subsistence, as per statement below.....		3,093 12
Leaving, as total cost of prisoners' subsistence.....		\$11,920 57
Cost of each man per year	\$36 34 ¹ / ₃	
Cost of each man per week.....	69 ⁴ / ₅	
OFFICERS' SUBSISTENCE.		
On hand Oct. 1, 1878.....		\$162 10
Bought during the year —		
apples	\$98 52	
12 bushels beans	12 00	
1659 pounds butter	252 27	
7734 pounds beef	464 04	
canned fruit.....	57 40	
1570 pounds coffee	260 32	
eggs.....	151 93	
flour, \$7 50 per C	228 00	
182 ¹ / ₂ bushels potatoes.....	91 13	
sugar	374 38	
181 pounds tea	84 61	
all other purchases for officers' kitchen	780 51	
Used from farm —		3,017 21
1200 pounds ham.....	\$84 00	
400 pounds lard	28 00	
8 bushels beets	4 00	
4 bushels beans.....	5 00	
10 bushels corn.....	25 50	
12 ¹ / ₂ bushels cucumbers.....	9 37	
100 head cabbage	5 00	
15 bushels onions.....	6 00	
182 ¹ / ₂ bushels potatoes.....	54 75	
12 ¹ / ₂ bushels peas	12 50	
5 bushels tomatoes	3 75	
		214 87
Pasturing and driving cows.....		55 70
Freight.....		65 70
		\$3,353 48
Less subsistence on hand Oct. 1, 1879.....		260 31
Total cost of officers' subsistence.....		\$3,093 17
Cost of each per year.....	\$88 37 ³ / ₅	
Cost of each per week.....	1 70	

Cost of Subsistence.

 BEDDING AND CLOTHING.

On hand October 1, 1878.....	\$5,622 44
Bought during the year.....	3,171 97
Total... ..	\$8,794 41
Less on hand October 1, 1879.....	5,389 92
Total.....	<u>\$3,404 49</u>
Cost per year each man	<u>\$10 38</u>

TOTAL COST OF KEEPING CONVICTS.

Religion and means of instruction	\$122 77
Amusements.....	15 11
Newspapers	75 01
Advertising and printing	75 85
Stationery.....	9 56
Drugs and medicines	266 73
Forage.....	466 16
Barn	11 40
Tools, seeds and plants.....	77 41
Fuel	3,303 28
Lights	547 84
Laundry.....	160 23
House furnishing.....	587 85
Hardware	100 00
Paints and oils.....	100 00
Tailor shop.....	2,763 11
Shoe shop.....	408 86
General repairs.....	556 00
Miscellaneous expenditures	160 25
Tobacco.....	195 92
Directors' expenses.....	442 95
Traveling expenses	191 59
Freight.....	183 69
Express, dispatches and postage, $\frac{2}{3}$	271 74
Salaries and wages, less A. Bogar's salary, \$720 00.....	14,815 75
Subsistence.....	14,367 02
Total cost.....	<u>\$40,270 08</u>
Average cost per man, per year	\$122 77
Average cost per man, per week	2 36

