



NINTH BIENNIAL REPORT

OF THE

Trustees, Superintendent, Steward, Matron and Treasurer

OF THE

Iowa Hospital for the Insane

AT

INDEPENDENCE.

FOR THE PERIOD ENDING JUNE 30, 1889.

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

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1889.

IOWA HOSPITAL FOR THE INSANE,
INDEPENDENCE, August 12, 1889.

To his Excellency, WILLIAM LARRABEE, Governor of Iowa:

DEAR SIR—I have the honor to inclose herewith the biennial report of the Trustees of the Iowa Hospital for the Insane at Independence, for the period ending June 30th, 1889.

With this is also inclosed the report of the Superintendent, Dr. Gershom H. Hill; the Steward, W. C. Hamilton; the Treasurer, George W. Bemis; and the Matron, Mrs. Lucy M. Gray, for the same period, all of which is respectfully submitted.

Very respectfully,

ALBERT REYNOLDS,
Sec'y Board of Trustees.

OFFICERS OF THE HOSPITAL.

BOARD OF TRUSTEES.

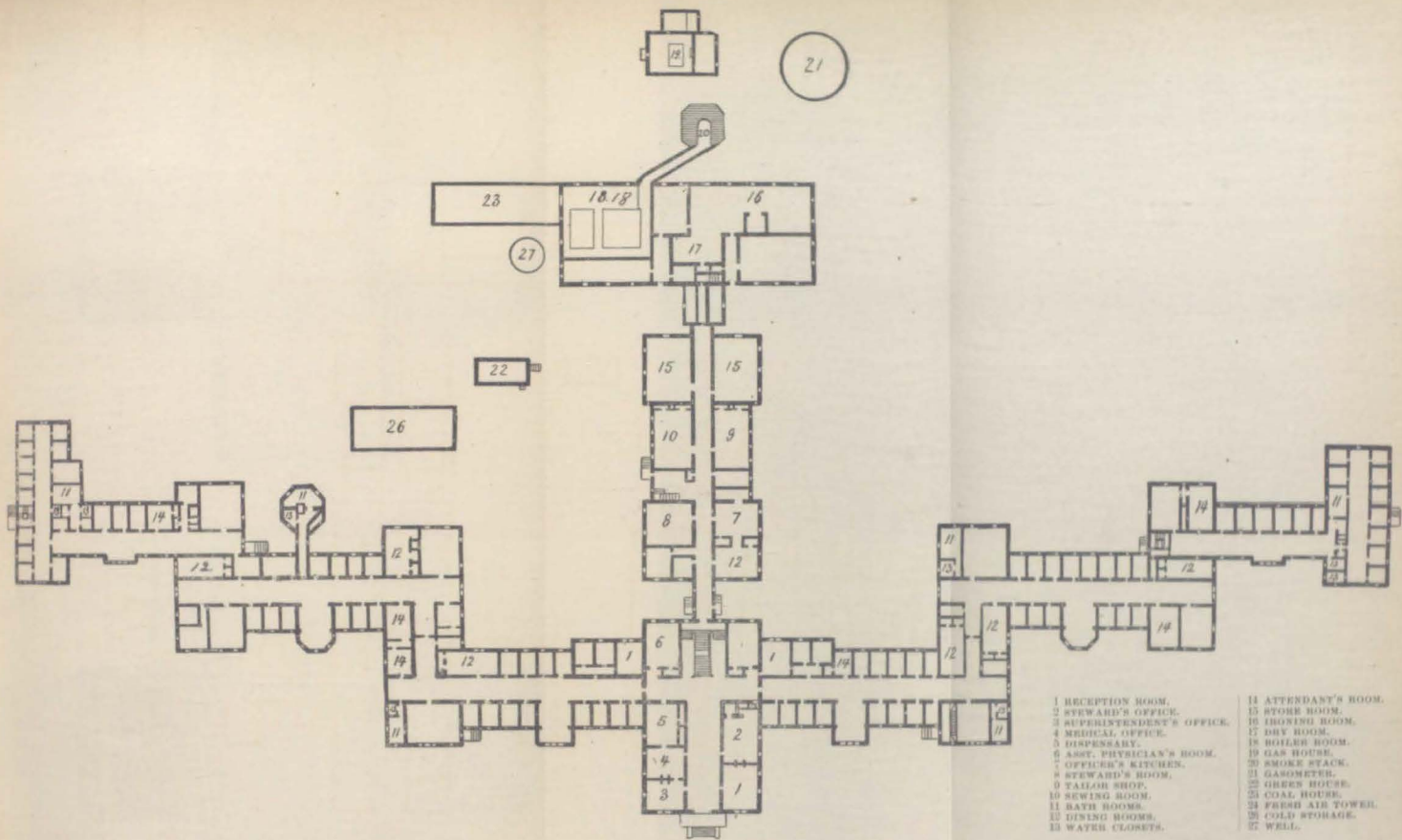
LEWIS H. SMITH, PRESIDENT.	- - - - -	<i>Algona.</i>
ALBERT REYNOLDS, M. D., SECRETARY.	- - - - -	<i>Clinton.</i>
JOHN L. WHITLEY, M. D.,	- - - - -	<i>Osage.</i>
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WILLIAM E. ROSEMOND,	- - - - -	<i>Independence.</i>

TREASURER.

GEORGE W. BEMIS,	- - - - -	<i>Independence.</i>
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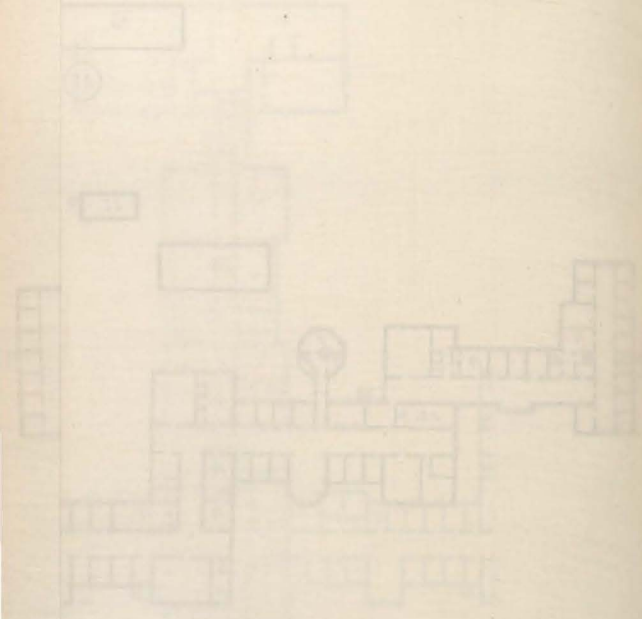
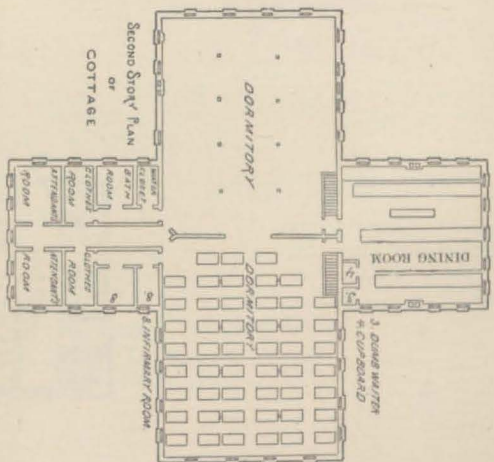
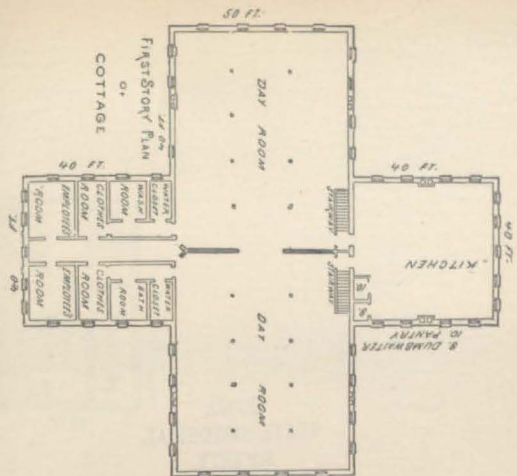
RESIDENT OFFICERS.

GERSHOM H. HILL, M. D.,	- - - - -	<i>Superintendent.</i>
EDWARD B. THOMPSON, M. D.,	- - - - -	<i>First Assistant Physician.</i>
M. NELSON VOLDENG, M. D.,	- - - - -	<i>Second Assistant Physician.</i>
JOHN C. DOOLITTLE, M. D.,	- - - - -	<i>Third Assistant Physician.</i>
WILLIAM C. HAMILTON,	- - - - -	<i>Steward.</i>
LUCY M. GRAY,	- - - - -	<i>Matron.</i>



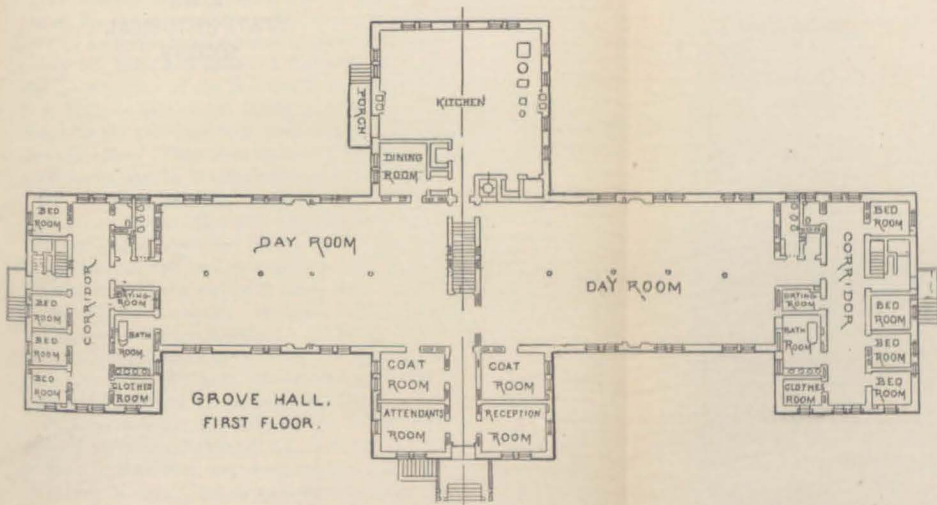
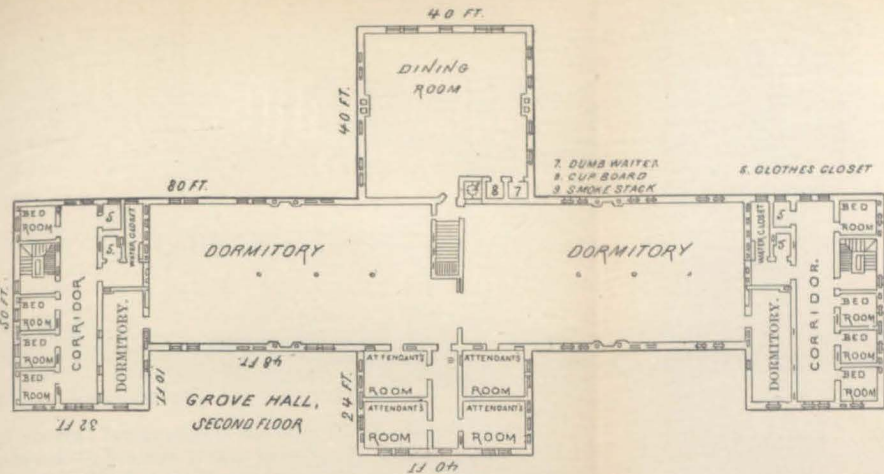
THE IOWA HOSPITAL FOR THE INSANE.
AT
INDEPENDENCE, IOWA.

- 1 RECEPTION ROOM.
- 2 STEWARD'S OFFICE.
- 3 SUPERINTENDENT'S OFFICE.
- 4 MEDICAL OFFICE.
- 5 DISPENSARY.
- 6 ASST. PHYSICIAN'S ROOM.
- 7 OFFICERS' KITCHEN.
- 8 STEWARD'S ROOM.
- 9 TAILOR SHOP.
- 10 SEWING ROOM.
- 11 DINING ROOMS.
- 12 WATER CLOSETS.
- 13 ATTENDANT'S ROOM.
- 14 STORE ROOM.
- 15 STORAGE ROOM.
- 16 DRY ROOM.
- 17 BOILER ROOM.
- 18 GAS HOUSE.
- 19 SMOKE STACK.
- 20 GASOMETER.
- 21 GREEN HOUSE.
- 22 COAL HOUSE.
- 23 FRESH AIR TOWER.
- 24 COLD STORAGE.
- 25 WELL.



IOWA
STATE HISTORICAL
SOCIETY.

1919A



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STATE HISTORICAL
SOCIETY.

TRUSTEES' REPORT.

IOWA HOSPITAL FOR THE INSANE,
AT INDEPENDENCE.

To HON. WM. LARRABEE, *Governor of Iowa:*

DEAR SIR—The Trustees of the Iowa Hospital for the Insane at Independence herewith present their biennial report of the condition and workings of the Hospital for the period ending June 30th, 1889.

The capacity of the Hospital has not been increased during the period, but the somewhat crowded condition has been temporarily relieved by removals to the new hospital at Clarinda.

July 1st, 1888, Jed Lake, of Independence, who had been the efficient Secretary of the Board of Trustees for eight years, and Dr. F. S. Thomas, of Council Bluffs, who had been a member of the Board for the previous four years, retired by expiration of their terms of office. They were succeeded by W. E. Rosemond, of Independence, and R. A. Dunkelberg, of Denver.

Dr. Gershom H. Hill, for nearly eight years Superintendent, continues to fill the office with efficiency and usefulness.

In September, 1887, Dr. Hoell Tyler, First Assistant Physician, left the service, and was succeeded by Dr. E. B. Thompson. Dr. Voldeng entered the service at about the same time, and has since served as Third Assistant. In April, 1888, Dr. E. E. Whitehorne was appointed Second Assistant. Dr. E. Amelia Sherman resigned from the Hospital staff in October, 1887, to engage in general practice. Dr. H. S. Williams, who at the date of our last report had been in the Hospital for six months as Second Assistant, continued in the same position till July, 1888. J. H. McDonald filled the office of Steward till January 1st, 1888, when he was succeeded by William C. Hamilton, who continues in that office. The Matron, Mrs. Lucy M. Gray, enters upon her thirteenth year of continuous

service, with the respect and confidence of the managers of the institution and the entire community to whom her services are known.

We fully indorse all the Superintendent has said in his report of the efficiency and faithfulness of all the officers and employes of the institution.

The population of the Hospital, larger at times than ever before in the history of the institution, has been particularly exempt from any continued, contagious or epidemic diseases, and we believe has had a larger share of physical and mental comfort than usually falls to the lot of the asylum inmate. It has been the policy of the Superintendent, which we commend, to give as unrestricted liberty to all inmates as is compatible with their own safety and good, and that of the community. In doing this some risks must be assumed; patients will frequently escape; but we believe the amount of harm resulting from this freedom of movement is infinitesimally small when compared with the good results which are apparent.

The following tables show, in a general way, the movement of the population for the biennial period:

There were in this hospital for treatment at the beginning of the period, July 1st, 1887—

Males	444
Females.....	347
Total	791

There has been admitted into the Hospital during the biennial period—

Males	348
Females.....	282
Total	630

There has been discharged during the two years, cured—

Males	81
Females.....	89
Total	163

Improved—

Males	149
Females.....	66
Total	215

Unimproved—

Males	98
Females.....	55
Total	153

Died—

Males	68
Females.....	50
Total	124

Total discharged—

Males	396
Females.....	259
Total	655

There are in the Hospital, June 30th, 1889—

Males	396
Females.....	370
Total	766

We refer to the report of the Superintendent for more elaborate statistical tables.

The last legislature made the following appropriations:

For finishing and furnishing rear center building.....	\$ 5,000
For cast iron water-main to connect with water-works of Independence.....	10,000
For one hundred and eighty acres of land.....	6,500
For enlarging chapel.....	2,500
For plotting and ornamenting grounds.....	2,000
For washing machinery and mangle.....	1,000
For two pianos, a billiard table and a printing press.....	750
For continuing changes to low pressure steam heating.....	1,500
For repair and contingent fund.....	6,000
A total of.....	\$35,750

REAR CENTER.

The amount appropriated to finish and furnish rear center building has been expended for that purpose, and we now have a much improved kitchen and bakery, with larger and more economically arranged store-rooms, with much needed lodging and day-room for employes.

WATER SUPPLY.

During the last biennial period preceding the one for which this report is made, an emergency arose which made it necessary to lay in mid-winter a water-pipe to connect with the water-works of the city of Independence. The condition of the finances of the Hospital were such that we were obliged to use smaller pipe than the subsequent needs of the Hospital required. With \$8,000 of the \$10,000 appropriated by the last general assembly, we have laid a six-inch cast iron main about 9,000 feet, weighing forty pounds to the foot, to connect with the water-works of the city of Independence. This pipe also surrounds the entire Hospital building, is supplied with twelve double-nozzle Ludlow hydrants, and affords, we believe, ample fire protection to the entire premises, and supplies us with an adequate amount of the best water for cooking, drinking, irrigating, bathing, steam purposes, etc.

The Board of Trustees have contracted with the city of Independence to furnish water to the Hospital for ten years at a cost of seven cents for 1,000 gallons, with water for fire purposes free. We are receiving an average of 65,000 gallons daily.

THE FARM.

The farm known as the "Smyzer farm," one hundred and eighty acres, situated south and adjoining the Hospital farm, was purchased at a cost of \$6,485.75. The farm now comprises 580 acres, which enables us to raise all the vegetables and small fruits used in the Hospital, as well as a large amount of fodder and grass. It gives the best employment to a large number of male patients. It is yearly increasing in productiveness, and by its products materially decreases the cost of the maintenance of patients.

A still larger farm would be profitable to the State.

ENLARGEMENT OF THE CHAPEL.

Of the amount appropriated for the enlargement of the chapel, and placing a gallery in the same, no part has been expended. Work will be finished during the year.

ORNAMENTATION OF THE GROUNDS.

Two thousand dollars were appropriated for improving and ornamenting the grounds. The Trustees, after a careful consideration of the matter, engaged Mr. J. Weidenmann, of New York

city, to prepare maps, plans and specifications for the carrying on of this work. Mr. Weidenmann comes to us most highly recommended for the work, not only by people from Eastern States, but by the Iowa Capitol Commissioners, under whose direction he prepared plans for improving the Capitol grounds.

LAUNDRY MACHINERY.

The amount appropriated for washing machinery and mangle has been expended in the purchase of two new machines and one steam mangle. With this improved and increased machinery the facilities for washing and ironing are much better than ever before. The washing-room on the first floor, the drying-room on the third, and the ironing-room on the second floor, all connected by a steam lift, have all been improved and perfected during the last two years, and we now have a very complete laundry, which, with a little change, will supply the needs of the institution for some years.

MUSICAL INSTRUMENTS AND PRINTING PRESS.

Seven hundred and fifty dollars, appropriated for musical instruments and a printing press, have been expended by the purchase of two pianos, one printing press and one billiard table.

LOW PRESSURE STEAM HEATING.

We have continued the work of changing to low pressure steam heating with the amount appropriated for that purpose, and will be able now to complete the work by drawing moderately from time to time on the repair and contingent fund.

REPAIR AND CONTINGENT FUND.

Three thousand dollars annually was appropriated for repair and contingent fund. Of this, \$4,733.28 has been expended.

RECEIPTS AND EXPENDITURES.

The receipts and expenditures for the biennial period are set forth in the following table:

RECEIPTS.

Cash on hand July 1st, 1887	\$ 3,574.05
Received from requisitions	269,862.00
Received from interest on warrants	857.74
Received from private patients	3,823.46
Received from hides, tallow, hogs, etc.	4,729.19
Received from other sources	2,188.36
Total	\$284,034.80

EXPENDITURES.

Meat and fish	\$ 27,092.97
Breadstuffs	14,015.89
Fruits and vegetables	4,129.66
Coffee and tea	7,960.46
Sugar and syrup	7,667.81
Sundry groceries	5,969.99
Butter	16,531.30
Cheese and eggs	2,318.56
Soap	3,838.04
Glass, oils and paints	1,225.87
Medical supplies	5,551.83
Dry goods and clothing	20,980.38
Postage and stationery	1,727.66
Library and diversions	2,351.22
Furniture and furnishing	14,233.36
Hardware	3,939.41
Repairs	9,967.11
Contingencies	7,785.17
Farm	11,269.29
Fuel	23,663.27
Lights	5,518.07
Salaries of officers	15,081.83
Wages	68,826.07
Paid visiting committees	826.86
Total	\$282,473.08

The requisitions drawn upon the Auditor of State to supply the deficiencies in the support fund have been based on fourteen dollars per month for seven quarters, and sixteen dollars per month for one quarter.

APPROPRIATIONS.

The appropriations asked for are smaller than ever before. They are, in the main, simply for continuation of work already begun, or pertain to special departments which, by the increased capacity of the Hospital, require enlargement and improvement.

TWO CISTERNS.

The need of more room for storage of rain water for laundry purposes has been so fully set forth in several previous reports that it is not necessary to further explain in this one.

GREEN-HOUSE.

Some twelve years ago a small green-house was built at a trifling cost, but the small expenditure has been utilized to its utmost capacity, and is now altogether too small for its purpose. With the improvement going on in plotting and ornamenting the grounds in front of the Hospital, it is desirable to introduce this, not only as a part of the ornamentation, but to serve as a nursery for plants, shrubs and flowers used on the grounds.

DRAIN TILE.

In this connection it is proper to mention the needs of the farm in the way of drain tile. As is well known, the farm land, though having some small elevations, is comparatively low, requiring some amount of drainage to best fit it for farming purposes. Happily the lay of the land is such as to render drainage easy. A small amount expended annually in the purchase of drain tile could be utilized to great advantage and would be quickly returned in increased products.

ORNAMENTAL GROUNDS.

A small annual appropriation is asked for the purpose of continuing the improvements and ornamentation of the grounds. This will be expended in the purchase of material for making walks, drains, bridges, pavilions, etc. The labor will be almost entirely furnished by male patients.

COAL-HOUSE.

We again renew our request for an appropriation for a coal-house. The present structure, built when the needs of the Hospital were much less than at present, and at a time when other and greater necessities were pressing, is entirely too small, and nearly useless by age and wear. It is not possible at present to avoid danger of spontaneous combustion when any large amount of coal is stored. With a large, suitable constructed coal-house, we should be able to lay in such a stock in early winter as would make the institution independent of snow blockades or strikes, besides keep-

ing the stock on hand in good condition. So important a matter as the heating of a building of this character should not be in any way hindered or obstructed in its details.

ELECTRIC LIGHT.

In the early history of the institution it was lighted by kerosene lamps; a means too dangerous to be long continued. The commissioners of construction tried the introduction of coal gas, but the plan was soon abandoned and the present plant was introduced, which, with some modifications and many changes, has done fairly well. It is now, however, too small, and if continued, will need to be entirely renewed. It is the opinion of the Trustees that it would be better to introduce the electric light, as has been done at the new hospital at Clarinda, and is being done in all similar institutions where changes are being made. The most favorable time to do so is the next year, when some alteration must necessarily be made.

REPAIR AND CONTINGENT FUND.

In so large an institution emergencies are likely to arise at any time, requiring large expenditures. In almost every biennial period some unforeseen expense has had to be incurred. Usually the repair and contingent fund has been large enough to meet it. Such should always be the case. We therefore ask the usual amount, \$5,000 annually. It may not all be used, but we should be provided for all possible contingencies.

PAINT AND BLACKSMITH SHOP, AND SIDEWALK.

We also ask for \$2,000 for a paint and blacksmith shop, and \$1,000 for the construction of a sidewalk to connect with the walk, leading from Independence.

To recapitulate, we suggest the following items and amounts as necessary appropriations for the next biennial period:

For repair and contingent fund.....	\$10,000
Electric light plant.....	10,000
New coal-house.....	4,000
New cisterns for rain water.....	2,000
Paint and blacksmith shop.....	2,000
Green-house.....	2,000
Improvement to grounds.....	2,000
Tile to drain land.....	1,000
Sidewalk to connect with city sidewalk.....	1,000
Total.....	\$34,000

COMPENSATION OF THE TRUSTEES.

The compensation of the Trustees of the Hospital was formerly five dollars per day and mileage. It was reduced to four dollars per day some ten years ago. For some unaccountable reason the last general assembly reduced it to four dollars per day and actual traveling expenses. At the old rate the compensation was entirely inadequate to the service performed for the State.

Any man competent to attend properly to the duties of trustee is worth not less than double the compensation allowed, and it is an injustice to ask anyone to leave his own business one, three or more days each month, certain of sustaining a pecuniary loss each time.

It is useless to say that the character of the work performed and the sacrifice made is such as any citizen should be willing to devote to the public.

The work in life is best done for which an adequate compensation is made, and the State of Iowa is in a financial condition to pay reasonably for all work done in and for its public institutions.

ANOTHER HOSPITAL NEEDED.

In view of the fact that this Hospital will be practically full by January 1st, 1890, that the Hospital at Mt. Pleasant and that at Clarinda will soon be in a similar condition, it seems our duty to recommend the early construction of another hospital. This, in our judgment, should be in the northwestern part of the State, to accommodate a large territory which is now far distant from either hospital.

LEWIS H. SMITH,
ALBERT REYNOLDS,
JOHN L. WHITLEY,
W. E. ROSEMOND,
R. A. DUNKELBERG,
Trustees.

SUPERINTENDENT'S REPORT.

To the Honorable Board of Trustees:

GENTLEMEN—It affords me pleasure to make to you the ninth biennial report of the operations and present condition of this Hospital.

Although you are quite familiar with the history of this institution and thoroughly understand all that pertains to its administration, I embrace this opportunity to make some statements concerning the work committed to our hands.

ADMISSIONS.

The number of patients who are admitted from year to year, for the first time, into a hospital, is the best criterion as to the increase of insanity, if the territory tributary to it and the conditions on which patients are received remain unchanged. By this test and other indications, I conclude that insanity in Iowa is not increasing out of proportion to the increase in the whole population.

READMISSIONS.

There have been one hundred and twelve readmissions of patients who were not in the institution at the beginning of the period, or who were discharged recovered during the period. Besides, there were one hundred and twenty-six readmissions of patients who have gone home on a visit, or who have eloped and been absent but a few days during the period. These last described persons are not reckoned, and do not appear in the statistical tables.

Our custom is to permit these visits when the conditions attending the case are favorable, if the trip is made without expense to the county or Hospital, and with the understanding that a new "warrant of admission" will be required if the patient remains absent longer than three months.

DISCHARGES.

The comparison made in Table III, shows that the recoveries of

the period were more than usual. This result I am sure is partially due to the increased and special attention which new and critical patients now receive.

Among those discharged as improved or unimproved were patients removed early in the period by order of the boards of supervisors to county institutions, namely, five to Jackson, four to Chickasaw, seven to Tama, two to Grundy, one each to Buchanan and Cerro Gordo counties. Besides, thirty-two were transferred by order of the county supervisors to Mercy Hospital Insane Asylum, near Dubuque.

On the 1st of December, 1888, when territory was assigned to the hospital at Clarinda, three counties were transferred from this to the hospital at Mt. Pleasant. December 12th, the time designated by the superintendent and trustees of the hospital at Clarinda, was the day of the grand removal. Forty patients, belonging to Marshall, Story and Boone counties, were taken to Mt. Pleasant, and forty-four male patients belonging to Monona, Crawford, Carroll, Greene, Sac, Ida and Woodbury counties, besides forty-seven male patients, belonging to the State at large, were taken to Clarinda.

A special train was kindly furnished us by Superintendent Ives, of the Burlington, Cedar Rapids & Northern Railroad, consisting of three coaches and a baggage car. The train left Independence at 7 A. M., reached Mt. Pleasant at 2 P. M., and Clarinda at 10 P. M. The journey proved a pleasant one, and was made without mistake or an unfortunate occurrence.

On the 22d of January, two male patients were removed to the insane department of the penitentiary at Anamosa.

DEATHS.

Table III shows that the percentage of deaths on the whole number treated during the first year of the period, was about an average with former years, while for the second year it was fully as small as it has been any year, except the first, in the history of the Hospital.

ELOPEMENTS.

The disposition to escape from the custody of the Hospital diminishes from year to year. This tendency is due to the fact that the patients have much freedom in and out of doors; they are more contented than ever before.

AVERAGE POPULATION.

As will be seen in Table III, the average number of patients has steadily increased from year to year, until the last one of this period, when it was thirty-six less than the year before.

TRANSFER EXPENSES.

The current expense fund, of the Hospitals for the Insane in the State, is obtained by making quarterly requisitions on the State treasury. The amount to be drawn each time is based on the number of patients in the institution on the 15th of each month. The authorities at Clarinda asked to have our patients sent to them on the 12th of December. It was most convenient to transfer the patients to Mt. Pleasant at the same time, since the special train sent up from Cedar Rapids would pass through Mt. Pleasant on its way to Clarinda, while passengers going to Mt. Pleasant on the regular trains are obliged to remain in Burlington over night. Consequently, in December this Hospital drew pay for one hundred and thirty patients less than if the transfer had been made a few days later. At the rate of fourteen dollars per-month, the usual price of board, the amount would be eighteen hundred and twenty dollars. All the railroad fares and other traveling expenses were paid by this Hospital. The distance is great, and this bill amounted to thirteen hundred and eighty dollars. These patients were supplied with enough good clothing to last them until spring. The entire expense of making this transfer approximated thirty-five hundred dollars. Furthermore, the running expenses of the Hospital were not much diminished after this loss in population and in income.

It was necessary, therefore, to make a requisition for one quarter at the maximum rate of sixteen dollars a month, and as a result the average cost of board for the whole biennial period was somewhat increased.

OUR TERRITORY.

All the patients from forty-five counties and the female patients from seven other counties are now sent to this Hospital.

CLASSIFICATION.

With two cottages and one wing of the main building for the occupancy of male patients, the classification of men is excellent.

They are easily cared for, well managed, and perfect discipline is maintained.

By keeping an excess of female patients in order to accommodate the hospital at Clarinda, which receives men only, our women are not satisfactorily classified. Already one, and soon two wards, on the fourth floor of the male wing of the building, must be occupied by women. With this arrangement there will be one hundred and thirty-eight female patients on the fourth and thirty-two on the fifth floor of this Hospital. These upper floors can be occupied by male patients very readily, but it is a hardship and a serious inconvenience to have quarters for women so far from the ground.

It is expected that the wing for women at Clarinda will be built and made ready for occupancy soon as possible.

If this Hospital is thereby relieved of one hundred women within two years, our female department will be made quite comfortable; if not, a cottage should be built here immediately.

By the first of next of January, all three of the hospitals will be full, and contain nearly nineteen hundred patients.

Sufficient provision should be made by the next general assembly, so that it will not be necessary to send the insane to the poor-houses.

OCCUPATION OR SOCIAL CONDITION.

In hospital statistics, the object of a table, giving the occupation of those admitted for treatment, is two-fold. It shows how the persons who become insane have gained their livelihood; it also reveals their social standing. According to the census of 1880, only eight and a half per cent of the women in Iowa, were engaged in any of the occupations specified by the enumerator.

The majority of women are married, and their occupation is housekeeping; with but few exceptions, those who are not married, assist their mothers at home, or work out as domestics, or as housekeepers. The mode of life and station in society of all who live and work at home, is best indicated by giving the occupation of husband or father.

In the last three reports of this institution this method has been used, consequently the conclusion has been reached by many, that farmers' wives are more likely to become insane than other women. Such is not the fact, and the truth can be demonstrated in this way: The general census of Iowa, in 1880, gives fifty-seven per cent of those enumerated in the various occupations as engaged in agri-

culture; but the statistics of this Hospital show that only fifty per cent of the male patients were farmers or farmers' sons, and forty per cent farmers' wives or daughters. Thus it is proven that farmers are less liable to become insane than the average man engaged in some other occupation in Iowa; also that women on farms are less likely to lose their mental faculties than the men with whom they are associated.

THE ACUTE STAGE OF INSANITY.

By an examination of Table XII, it will be seen that about fifteen out of every sixteen patients who recover, do so within the first year of their residence in the Hospital, and that almost none recover after their treatment has continued three years. Again, it is evident that the early part of the patient's life in the hospital, is the most critical, not only because their chances for recovery are largely determined then, but because more than one third of all who die do so within the first three months.

PATHOLOGICAL WORK.

It is customary for the medical staff of this Hospital to make a post-mortem examination in every case of death. During the last two years there have been but very few exceptions to this rule.

In the pathological laboratory morbid specimens are preserved for study and sections of them made for examination with the microscope. Descriptions of the diseased conditions thus found, are given in the permanent records of the Hospital.

Dr. Voldeng, in particular, has devoted much of his time to reading and to examinations in this department of our work.

RELIGIOUS BELIEFS,

The table showing the religious belief of patients needs some explanation.

One reason why the Catholics and Lutherans are the most numerous, is because persons are born into these denominations, and are in little danger of being expelled from them. Furthermore, no matter if persons so reared do not attend church often or otherwise fail to perform their religious duty, still it is customary to identify them with the denomination to which their parents belong. On the other hand, if persons who are avowedly members of certain Protestant denominations, do not attend church or

manifest an interest in religious work,—if persons who attend church or Sunday school, but are not enrolled as members, and if persons who are wholly absorbed with business and domestic affairs, so that they do not even associate themselves with the members of any denomination and never take the trouble to assert their religious convictions,—if all such are put down as having no religious belief, then the disparity between church members and those who are not becomes very great. But we are inclined to think that most persons in this enlightened nation and age have some religious belief, hence we are disposed to put them in the denominations to which they naturally belong.

If this latter rule is followed, the distinction of having no religion might be omitted, and place the patients who have heretofore been so characterized under the head of "unascertained" religion.

TRAINING SCHOOL FOR ATTENDANTS.

Iowa is remarkable for its small percentage of illiteracy. Nowadays the public demands not only educated teachers, preachers, lawyers and doctors, but also educated nurses. Physicians wish to have skillful nurses to take charge of patients who are in a critical condition. Americans are money-makers. Now that our State is no longer on the frontier, but is well settled and a large share of its inhabitants reside in commodious homes, we are prepared and willing to pay good wages to persons who are well qualified to assist in the care of our dear ones when they are very sick.

To meet this growing demand, training schools for nurses have been established in connection with general hospitals in all the large cities of this country.

Persons of suitable age and natural qualifications serve in the hospital as apprentices at small wages. The course of instruction and practice usually extends through two years; at the end of this time, those deemed worthy are given diplomas by the physicians in charge. As a rule these trained nurses who have been taught how to care for sane persons when they are sick, do not fancy the task of watching over the insane, whether invalids or not; besides, practical tests demonstrate that they are not so handy and useful as persons who from the outset have applied themselves to the management of the insane.

Thus the conclusion is reached that the best way to secure trained attendants for the insane, is to have them begin as attend-

ants upon the insane, but at the same time to give them suitable, methodical and thorough instruction in nursing.

The McLean Asylum, located near Boston, inaugurated this work in 1882, and graduated a class of sixteen in 1886. Dr. Edward Cowles, the superintendent, in his report for last year, states that "the training school for nurses gives evidence of progress in the enlargement and perfection of its work. The success of its graduates in private nursing, outside of the asylum, in general work, as well as the special care of nervous and mental cases, is satisfactory proof of the prevision, as to the policy of the school. At the same time, the prediction is being fulfilled that an increased number would, by preference, remain in or return to the service of the asylum."

In October, 1883, a school for attendants was started in the Buffalo New York State Asylum, and in 1886 a class was graduated.

In November, 1886, the "attendants' training school" was organized in the Illinois Hospital for the Insane, at Kankakee, and already one or two classes have received their diplomas. The superintendent of each institution testifies to an increased efficiency in the attendants who have acquired this special education.

It is my purpose to open such a school in this Hospital very soon.

EMPLOYMENT.

Brain tissue, like muscular, degenerates if it is not used in the performance of its natural function. Therefore employment both for mind and body is desirable for the insane, as well as for the sane; but there will always be a large number who cannot work.

The unemployed includes the aged; various invalids; patients who are suffering with acute disease, and perhaps are confined to their beds; the profoundly melancholy, who cannot, for a time, interests themselves in anything except their own troubles; those who have lost self-control on account of acute excitement; and those who have completely lost their faculties, so that they are incompetent to engage in anything requiring skill, or even carefulness; a few have fixed delusions, which persuade them that it is not right for them to work; and lastly, others will do nothing of consequence, because they are exceedingly lazy.

To begin with, there is an immense amount of house work to be done every day, such as bed-making, sweeping, dusting, scrubbing, dish-washing, mending, and the care of wardrobes,

in which patients assist. Numerous patients, both male and female, work regularly in the kitchen and laundry; women from the convalescent wards go to the sewing-room daily, while plain sewing is distributed regularly throughout the female department; ladies from the convalescent wards, unless excused on account of debility, iron their own garments, which are sent to the wash each week.

The men assist in handling coal in the boiler-house, and with the chores at the horse and cow barns; the plumbers, carpenters, masons, painter and butcher are also assisted by patients. In spring, summer and autumn, a sufficient number of men can always be induced to help with the garden, field and road work. When excavations are to be made, or building materials handled, the male patients prove of great advantage.

About two years ago, a rag carpet loom was purchased and placed in one of the cottages. At first the weaving had to be done by the attendants, several patients were tried before the right one was found. Now the loom is carefully and faithfully operated by an insane man, who not only does the weaving rapidly and well, but takes a deep interest in this industry.

About the 1st of November, 1886, a small press, costing thirty-five dollars was bought with which to print programmes of entertainments given in our amusement hall, also folded leaflets for use in the Sunday afternoon service, containing the name of the minister for the day, his text and the hymns to be used. These programmes have been provided regularly ever since; besides, in January, 1888, we began to print a weekly paper, called the Hospital Press. In addition, a good share of the job printing required about the offices has been done, consisting in letter heads, forms on postal cards and for various reports, notices and numerous little conveniences to facilitate hospital business. All of this has been done willingly by patients, most of whom knew nothing about printing before entering the institution. Now that the institution has a new Gordon quarto press, the printer feels equal to the task of publishing this biennial report. The printing office is particularly inviting during the inclement months, when there is little occupation or amusement out of doors.

AMUSEMENTS.

Almost every traveling troupe, which visits Independence, favors the Hospital family with a "matinee." The programme is not so lengthy, nor necessarily a part of that given at the evening enter-

tainment, but it usually consists in vocal and instrumental music, recitations and humorous representations.

The following named companies have cheered us in this way: Uncle Tom's Cabin Troupe, Steven's Dramatic Orchestra Company, Cornell College Glee Club, The Stewart Grand Concert Company, Hallidy Minstrel Company, Andrews' English Opera Company, Templeton Opera Company, Standard Uncle Tom's Cabin Company, Wizard Oil Company, and the Gardner Opera Company.

Lectures of a most interesting character have been given by Mrs. Dr. Woods, of Denison; Rev. J. M. Driver, of Nokomis, Illinois; Rev. W. Bowser, a foreign missionary; Rev. Eugene May, of Osage; and Colonel Jed Lake, of Independence.

Elocutionary entertainments were furnished by E. A. Carter, of Charles City, and Prof. E. B. Worman, of Chicago.

Prof. G. H. Pray, of Portland, Maine, amused us very cleverly one evening with legordemain.

On the 9th of June, 1888, Flower Mission Day was observed by the distribution of boquets, having scripture texts attached, to all the patients in the institution. Mrs. M. J. O. Whiting, in behalf of the W. C. T. U., conducted the beautiful ceremony, and was assisted by Mrs. Hunter, Mrs. Lake, Mrs. Goen, Mrs. Purdy, and Miss Meyer, all of Independence.

On the 16th of the same month, Miss Vina L. Warr, principal of the city high school, conducted an entertainment by her pupils, consisting in music, recitations, and graceful exercises with wands and Indian clubs.

The "Holman Family," the "Raines Family," the "Smale Sisters," and the "Ladies' Musical Society," and I may say, also, all musicians in Independence, have assisted repeatedly and acceptably in evening entertainments.

To all who have thus contributed to the cheer of our large family, I have hereby express thanks.

The Hospital dance has been continued weekly with scarcely an omission during the two years.

The stereopticon exhibitions, with the calcium light, are given every fourth night during five months of winter time.

Numerous theatrical entertainments, mostly of a humorous character, are gotten up among ourselves, and draw larger houses than almost anything else. Besides, the home talent furnishes from time to time concerts and literary entertainments.

The holidays are celebrated in due form as they come and go.

Sociables are attended in the officers' rooms and in the convalescent wards.

Rush Park stock farm is near at hand. Mr. C. W. Williams, the owner, bids us welcome to all the races and the Buchanan county fair. The last fair was attended by nearly three hundred patients, free of charge.

Convalescent female patients have a ride to town and opportunities for shopping once a week. A hundred other women, including the invalids, get a ride every week.

Such out door games as quoits, croquet and baseball are indulged in, while within are checkers, backgammon, chess and cards. Two bowling alleys, three billiard tables, four pianos, and a dozen cabinet organs, all contribute to the diversion of the minds of those who make their home for the time being in this Hospital.

RELIGIOUS SERVICE.

It has been the custom ever since this Hospital was opened to hold religious services in the chapel every Sunday afternoon at three o'clock.

The pastors of four of the Independence churches officiate in rotation; we also listen to other clergymen from time to time.

The following named ministers have preached to our audience of patients, employes and officers during the past two years, viz.:

Eugene May, E. N. Barrett, J. W. Birchmore, Frank Barrett, W. S. Potwin, D. N. Mason, A. D. Stevens, J. J. Reader, John McAllister, Thomas Oliver, W. B. Phelps, A. A. Baker, Frank N. Riale, Nathaniel Pye, F. W. Way, and William L. Hunter.

Fathers Drexler and O'Doud visit the Hospital often and respond promptly when wished for by patients. Their coming is welcome and helpful.

FAVORABLE CONDITIONS.

It is safe to say that this Hospital has never been in a more favorable condition than at the present time. From a farm of 550 acres an abundance of potatoes and other fresh vegetables are supplied.

A herd of seventy superior cows, well kept, furnish a great plenty of milk. The enlarged kitchen with its range, boiler, numerous steam kettles and ample refrigerator facilitate the preparation of the food. The new bakery, with its rotary oven, is performing its part well.

The laundry is now capacious and complete. The wash-house contains numerous wash-tubs, five washing-machines, a centrifugal wringer and two tanks for making soap. The drying-room is commodious and works well. The ironing-room is very large, well lighted, well aired, convenient and supplied with a large steam mangle for table-cloths, sheets and pillow-cases; a similar machine for towels, handkerchiefs, collars and cuffs; upon the third the shirt-bosoms are polished.

In a week, recently, 131 shirt-bosoms were polished and more than 2,000 sheets mangled; all done by the labor of male patients. In no institution is the laundry work better done than here.

Large and convenient store-rooms insure the preservation and economical distribution of supplies.

Since we began to use the six-inch main one year ago, which connects with the Independence Holly system of water-works, we have an abundance of pure water for all purposes, besides an excellent system of fire protection. The main building and cottages are also supplied with a sufficiency of hot water for cleaning purposes.

The institution is warmed almost wholly by indirect steam radiation, which method combines ventilation with it. A little direct radiation may be found in every ward for the accommodation of the cold-blooded and feeble ones.

The grounds in front of and about the institution are spacious, giving the patients considerable latitude for out-door exercise.

RESIDENT OFFICERS.

Dr. E. B. Thompson, First Assistant Physician, joined the medical staff of this Hospital soon after the beginning of this biennial period. He came to us with experience acquired in the Hartford Retreat for the Insane, in the general hospital of the city of St. Paul, and in the Wisconsin Northern Hospital for the Insane. His heart is in the work, and he is faithful in the discharge of every duty.

Dr. M. N. Voldeng has served well as Third Assistant Physician for nearly two years, and is now promoted to the office of Second Assistant. He is industrious, studious, conscientious, and thoroughly wedded to his profession.

Dr. J. C. Doolittle has just entered upon the duties of Third Assistant Physician. He seems to be well adapted to hospital life, and will undoubtedly prove a success in this field of labor.

William C. Hamilton has been Steward for a year and a half, and has performed his duties to my entire satisfaction. He is a "born

farmer," in his prime, who gives all his time and strength to the important business placed in his hands.

Mrs. Lucy M. Gray sustains the reputation she has long enjoyed, of being a good matron. She has charge of the cooking, the sewing and the laundry departments, besides having an oversight as general housekeeper.

ATTENDANTS AND NURSES.

The labor and difficulty of caring for the inmates of our large household devolve most upon the attendants and nurses who are brought into constant personal contact with them. So long as the patients are, to a good degree, reasonable, cheerful, orderly and healthy, the work is comparatively easy; but when they are deluded, despondent, disorderly and helpless; when they are inclined to be restless, noisy, destructive and exceedingly careless in their habits, their duties are extremely harassing and tiresome.

I believe that the persons to whom is committed the immediate care of the insane in this Hospital are well qualified for their peculiar sphere, possessing cheerfulness, self-control, patience, sympathy and faithfulness in due proportion. The compensation for their services is moderate, and commendation for pains-taking too seldom reach their ears. I embrace this opportunity to express to all of them my thanks for devoted services.

OTHER EMPLOYES.

I cannot do less than state that the Board of Trustees and myself hold in high esteem Mr. Guernsey, our engineer; Mr. Cramer, the house carpenter; Mr. Thomas, the gardener; Mr. Martin, the farmer; Miss Thomas, at the head of the laundry; Miss McDonald, in charge of the large kitchen; Mr. Neteott, the store-keeper; Miss Curtis, the book-keeper; Mr. Warr, my stenographer; Mr. Markham, the druggist; Mr. Fiester, the male supervisor, and Miss Wiggin, the female supervisor. The fact that the persons named have long been connected with the institution is the best evidence of their fitness and success.

To all others associated with me in promoting the welfare of the unfortunate ones entrusted to my keeping, I wish to say that I fully appreciate their services.

BOARD OF TRUSTEES.

I have already stated, in a former report, that the laws we have concerning the care of the insane are excellent. The manner of commitment is judicious and safe. The possibility of detaining persons who are not insane is reduced to a minimum.

Each hospital is put in the care of a board of five trustees.

The plan of having a separate board for each institution is a natural one and well established in almost every State in the union. The members of these boards are active, practical men in various vocations, well known and highly respected. They manage the finances according to business principles and apply to the workings of the establishment the rules of good economy. They bring to the superintendent the opinions of the public concerning the institution and carry to the relatives of patients in the counties where these trustees reside the assurance that the inmates are comfortably, kindly and skillfully cared for. It is best for the trustees to live as near as practicable to the hospital, for mileage is in this way saved, and but little of the time of the members is spent in coming and going. For this and other reasons it is most advantageous to have the trustees live in counties which are tributary to the hospital visited by them. Thus they become thoroughly identified with it and prove most useful to it.

I deem it a pleasure as well as a duty to testify to the fidelity with which you, gentlemen of the Board of Trustees of this Hospital, have made your visits every month during the last two years, regardless of weather and of personal disadvantage. It is your custom to scrutinize every purchase made, to audit and verify all accounts, to thoroughly inspect every part of the institution, to kindly listen to the grievances of patients, to acquaint yourselves with the character of the persons employed and to keep familiar with all the affairs committed, by law, to your control. All questions presented to you have been considered with sufficient deliberation and your meetings have been characterized by the utmost harmony.

I deeply feel my obligation to you. The work already accomplished by this Hospital has been great and good, but there is still room for improvement.

GERSHOM H. HILL,
Superintendent.

TABLE I.

MOVEMENT OF POPULATION FOR BIENNIAL PERIOD.

	FIRST YEAR.			SECOND YEAR.			TOTAL FOR PERIOD.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Number remaining June 30th, 1887, and June 30th, 1888.....	444	347	791	456	356	812	348	282	630
Number admitted.....	191	138	329	157	144	301	348	282	630
Number treated.....	655	483	1,138	613	560	1,173	787	629	1,416
Discharged—Recovered.....	48	56	104	33	46	79	81	82	163
Improved.....	53	31	84	96	35	131	149	66	215
Unimproved.....	36	25	61	37	88	125	36	65	101
Died.....	42	53	95	26	23	49	68	56	124
Total discharged and died.....	179	139	308	217	140	357	200	239	439
Average daily number.....	462	345	807	416	355	771	433	350	783
Number remaining June 30th, 1888, and June 30th, 1889.....	456	356	812	366	370	736	366	370	736

TABLE II.

MOVEMENT OF POPULATION FROM THE BEGINNING.

MOVEMENT OF POPULATION FROM MAY 1ST, 1873, TO JUNE 30TH, 1889.		Men.	Women.	Total.
First admissions from counties.....	1,869	1,428	3,297	
Readmissions.....	569	347	916	
Transferred from hospital at Mt. Pleasant.....	143	198	341	
Total admissions.....	2,581	1,973	4,554	
Number discharged—Recovered.....	429	389	818	
Improved.....	735	498	1,233	
Unimproved.....	646	353	1,000	
Died.....	418	319	737	
Total discharged and died.....	2,118	1,511	3,629	
Number remaining.....	363	370	733	

TABLE III.

MOVEMENT OF POPULATION FOR EACH YEAR SINCE OPENING OF HOSPITAL.

FOR YEAR ENDING JUNE 30TH.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900
Number admitted	220	171	303	221	229	242	286	278	291	321	341	317	327	320	301	317	327	320	301	288
Per cent of recoveries on admissions	27	33	33	45	44	54	43	32	32	34	34	40	41	54	40	41	72	84	70	70
Number treated	11	18	26	19	15	15	15	19	18	17	12	13	21	25	26	21	21	25	26	26
Per cent of deaths on number treated	29	43	42	54	52	33	33	33	33	30	30	30	30	30	30	30	30	30	30	30
Average population	128	212	269	260	412	449	484	520	550	580	623	716	756	807	857	859	856	856	856	856

TABLE IV.

NUMBER OF PERSONS, AND THE TIME EACH HAS BEEN ADMITTED.

	Persons.	Admissions.
Number admitted once	2,623 making	2,623
Number admitted twice	480 making	978
Number admitted three times	86 making	258
Number admitted four times	32 making	128
Number admitted five times	11 making	55
Number admitted six times	3 making	18
Number admitted seven times	3 making	21
Number admitted eight times	2 making	16
Total	3,540	4,297

TABLE V.

DURATION OF INSANITY BEFORE ADMISSION, AND RESULTS.

	Recovered.	Improved.	Unimproved.	Died.	Remaining.	Total.
Three months and less	529	441	184	210	107	1,564
Six to six months	96	107	71	65	39	408
Six to twelve months	82	150	97	70	64	478
One to two years	53	126	146	111	80	516
Two to three years	18	75	84	57	78	312
Three to five years	9	96	109	52	103	369
Five to ten years	8	74	118	52	115	367
Over ten years	6	41	58	36	64	205
Unknown	12	44	34	12	58	140
Total	800	1,193	901	728	766	4,297

TABLE VI.

SHOWING THE AGE OF THOSE ADMITTED.

AGE.	Biennial period.	From beginning.
Under fifteen years.....	6	36
Fifteen to twenty years.....	30	276
Over twenty and under thirty.....	170	1,282
Over thirty and under forty.....	182	1,144
Over forty and under fifty.....	119	841
Over fifty and under sixty.....	60	466
Over sixty and under seventy.....	30	246
Over seventy.....	24	166
Total.....	630	4,307

TABLE VII.

NATIVITY OF PERSONS ADMITTED.

NATIVITY.	Period.	From beginning.	NATIVITY.	Period.	From beginning.
Maine.....	5	37	Wisconsin.....	19	161
New Hampshire.....	2	13	Minnesota.....	1	1
Vermont.....	3	93	Iowa.....	120	631
Massachusetts.....	4	48	Nebraska.....	1	18
Rhode Island.....	1	4	Kansas.....	4	17
Connecticut.....	4	32	Missouri.....	4	1
New York.....	60	481	Colorado.....	1	1
New Jersey.....	38	309	California.....	15	140
Pennsylvania.....	1	2	Canada.....	12	124
Delaware.....	1	2	England.....	37	242
Maryland.....	1	1	Ireland.....	9	9
Virginia.....	2	23	Scotland.....	1	1
West Virginia.....	5	15	Wales.....	7	31
North Carolina.....	1	2	Denmark.....	1	1
South Carolina.....	1	1	Holland.....	5	17
Georgia.....	1	1	Germany.....	97	35
Alabama.....	1	1	Austria.....	3	39
Louisiana.....	1	1	Switzerland.....	5	35
Texas.....	1	1	Italy.....	1	10
Kentucky.....	1	1	France.....	1	10
Tennessee.....	1	1	Iceland.....	1	1
Ohio.....	38	300	Australia.....	1	1
Indiana.....	7	26	Unknown.....	54	60
Illinois.....	36	296	Total.....	630	4,307
Michigan.....	4	30			

TABLE VIII.

RESIDENCE OF PATIENTS ADMITTED AND REMAINING.

COUNTY.	FROM THE BEGINNING.			DURING PERIOD.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Alamogordo.....	76	57	133	7	4	11	11	12	23
Benton.....	81	79	160	11	14	25	12	20	32
Black Hawk.....	71	84	155	10	9	19	9	15	24
Burner.....	45	36	79	5	6	10	10	9	19
Boone.....	32	36	68	3	6	9	6	8	14
Buchanan.....	70	69	139	6	6	12	13	7	20
Buena Vista.....	22	16	38	5	3	8	6	6	12
Butler.....	40	21	61	4	3	7	10	6	16
Calhoun.....	18	11	29	4	6	10	7	1	8
Carroll.....	26	33	59	6	3	9	9	7	16
Cerro Gordo.....	30	27	57	6	6	12	5	4	9
Cherokee.....	22	12	34	1	1	2	6	4	10
Chickasaw.....	48	41	89	10	8	18	6	4	10
Clay.....	8	8	16	1	1	2	6	4	10
Clayton.....	142	89	231	11	18	29	16	15	31
Clinton.....	83	92	175	10	18	28	13	28	41
Crawford.....	23	13	36	2	3	5	2	3	5
Delaware.....	27	54	81	10	5	15	7	7	14
Dickinson.....	6	8	14	3	1	4	2	6	8
Dubuque.....	184	140	320	19	13	32	30	10	40
Emmett.....	8	8	16	1	1	2	2	2	4
Fayette.....	93	60	150	13	21	34	15	15	30
Floyd.....	46	34	79	7	4	11	9	4	13
Franklin.....	32	27	59	4	14	18	9	4	13
Greene.....	31	23	54	6	6	12	7	7	14
Grundy.....	20	25	45	5	7	12	5	5	10
Hamilton.....	25	28	53	5	9	14	6	2	8
Hancock.....	14	7	21	1	1	2	1	1	2
Hardin.....	30	41	71	8	8	16	11	14	25
Howard.....	30	26	56	1	11	12	8	6	14
Humboldt.....	13	6	19	1	1	2	1	1	2
Ida.....	18	13	31	2	2	4	1	4	5
Jackson.....	59	43	102	6	4	10	1	0	1
James.....	67	67	134	14	17	31	1	0	1
Josiah.....	22	8	30	2	2	4	2	1	3
Linn.....	111	87	198	21	11	32	19	24	43
Marshall.....	1	5	6	2	2	4	2	1	3
Mills.....	67	37	104	8	15	23	1	2	3
Monroe.....	25	21	46	3	3	6	7	6	13
Monona.....	37	17	54	3	9	12	6	6	12
Oceola.....	5	6	11	2	2	4	1	1	2
O'Brien.....	19	6	25	5	5	10	3	3	6
Palo Alto.....	15	10	25	2	2	4	1	1	2
Plymouth.....	25	18	43	3	5	8	1	9	14
Pocahontas.....	21	5	26	7	7	14	9	1	10
Polk.....	30	16	46	2	3	5	3	3	6
Sioux.....	21	8	29	8	1	9	6	2	8
Starr.....	24	19	43	1	3	4	1	1	2
Story.....	47	40	87	17	17	34	12	13	25
Taney.....	54	60	110	14	7	21	12	8	20
Webster.....	102	68	162	11	8	19	23	14	37
Winnebago.....	10	8	18	2	2	4	1	3	4
Worth.....	12	11	23	1	1	2	0	0	0
Woodbury.....	26	19	45	12	19	31	13	13	26
Wright.....	10	15	25	1	4	5	2	4	6
Van Buren.....	1	1	2	1	1	2	0	0	0
State at large.....	253	88	341	25	7	32	33	19	52
Total.....	2,514	1,883	4,307	348	282	630	306	370	706

TABLE IX.

OCCUPATION OF PATIENTS ADMITTED DURING BIENNIAL PERIOD.

MEN.	NO.	MEN.	NO.
Aplarist	1	No occupation	9
Auctioneer	1	Painter	4
Baker	2	Peidler	1
Blacksmith	6	Photographer	1
Book-keeper	1	Physician	1
Carpenter	5	Preacher	1
Clerk	3	Printer	1
Commercial traveler	4	Railroad conductor	1
Cooper	1	Sailor	1
Editor	1	Saloon-keeper	1
Eticoulionist	1	Shoemaker	1
Express agent	1	Speculator	1
Farmer and farmers' sons	3	Student	1
Hotel-keeper	3	Tailor	2
Laborer	101	Telegrapher	1
Mason	3	Tinker	1
Mechanic	5	Trump	1
Merchant	3	Wagon-maker	2
Miller	1		
Miner	2	Total	348
WOMEN.			
Compositor	1	Wife of conductor	1
Domestic	32	Wives and daughters of farmers	110
Hairdresser	1	Wives and daughters of laborers	32
Housekeeper	16	Wives and daughters of mechanics	8
Milliner	2	Wives and daughters of merchants	8
No occupation	7	Wives and daughters of professional men	17
Seamstress	6	Wives and daughters of tradesmen	4
Teacher	1		
Vagrant	1	Total	282
Washerwoman	1		
Wife of banker	2		

TABLE X.

SUSPOSED OR ASSIGNED CAUSE OF INSANITY.

CAUSE.	BIENNIAL PERIOD.			FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.
CONSTITUTIONAL—						
Hereditary	79	77	156	370	317	687
Defective mental organization	8	7	15	38	21	59
DISEASES OF NERVOUS SYSTEM—						
Chorea	1	1	2	1	1	2
Epilepsy	25	12	37	185	82	267
Gross cerebral lesion	4	4	8	20	9	29
Cerebral meningitis	3	1	4	8	1	9
Cerebro-spinal meningitis	1	1	2	5	3	8
Cerebral congestion	1		1	13	4	17
Sign or heat-stroke	35	5	40	147	21	168
Disease of middle ear	1		1	2	1	3
Injury to head	13	3	16	126	14	140
Injury to spine	13	2	15	5	6	11
Injury to eye	1		1	2		2
DISEASES IN GENERAL—						
Fever	9	8	17	50	45	95
Syphilis	1		1	0	1	1
Poor health	9	25	34	79	106	185
Treatment by a quack	1		1	5	1	6
Loss of sleep	1		1	4	1	5
Opium habit	1		1	1	1	2
Intemperance	25		25	163	7	170
Use of tobacco	1		1	16	1	17
Masturbation	36	1	37	166	6	172
Excessive venery	1		1	12	5	17
Uterine disease	1	6	7	89	86	175
Exposure during menstruation	1		1	20	20	40
Suppressed menstruation	1		1	7	1	8
Disturbed gestation	1		1	13	13	26
Puerperal condition	25	25	50	124	134	258
Prolonged lactation	4		4	14	14	28
Too frequent pregnancies	4		4	26	26	52
Change of life	1		1	69	69	138
Senile decay	14	8	22	44	21	65
MORAL INFLUENCE—						
Disappointment	1	2	3	4	9	13
Spiritualism	1		1	8	6	14
Religious excitement	5	6	11	48	48	96
Fright	1	2	3	14	16	30
Grief	4	4	8	27	61	88
Worry and excitement	4	1	5	31	36	67
Desertion of companion	1	1	2	12	15	27
Ill treatment	1	1	2	4	7	11
Change of home	1	1	2	9	9	18
Domestic trouble	6	8	14	63	73	136
Disappointed affection	5	6	11	20	43	63
Seduction	1		1	5	5	10
Secundary embarrassment	1		1	104	15	119
Poverty and want	2		2	19	25	44
Exposure and overwork	2		2	58	19	77
Excessive mental labor	7		7	33	8	41
Solitary life	3		3	3	3	6
Cause unknown	41	16	57	371	376	747
Total	348	282	630	2,514	1,882	4,396

TABLE XI.

CAUSES OF DEATH DURING BIENNIAL PERIOD.

	Men.	Women.	Total.
NERVOUS—			
Apoplexy.....	4	1	5
Epilepsy.....	4	1	5
Paralysis.....	1	1	2
Paralysis.....	1	1	2
Menigitis.....	1	1	2
Cerebritis.....	1	1	2
Cerebral softening.....	1	1	2
Cerebral embolus.....	1	1	2
RESPIRATORY—			
Exhaustion.....	16	1	17
Tuberculosis.....	8	9	17
Pneumonitis.....	1	1	2
Pulmonary oedema.....	1	1	2
Chronic bronchitis.....	1	1	2
Empyema.....	1	1	2
CIRCULATORY—			
Heart disease.....	1	1	2
Heart failure.....	4	1	5
DIGESTIVE—			
Dysentery.....	1	1	2
Intestinal obstruction.....	1	1	2
OTHER DISEASES—			
Cystic degeneration of kidneys.....	1	1	2
Nephritis.....	1	1	2
Measles.....	1	1	2
Gangrene of liver.....	1	1	2
Strangulation.....	1	1	2
Suicide.....	1	1	2
Pyemia.....	1	1	2
Old age.....	0	1	1
Acute peritonitis.....	1	1	2
Chronic peritonitis.....	1	1	2
Phegmonous erysipelas.....	1	1	2
Total	66	56	122

TABLE XII.

RESIDENCE IN HOSPITAL OF THOSE WHO HAVE RECOVERED OR DIED.

	Recovered.	Died.
Three months or less.....	276	224
Three to six months.....	553	80
Six to twelve months.....	212	91
One to two years.....	50	50
Two to three years.....	11	31
Three to five years.....	3	21
Five to ten years.....	1	14
Over ten years.....	1	1
Total	800	428

TABLE XIII.

SHOWING THE CIVIL CONDITION OF THOSE ADMITTED DURING THE BIENNIAL PERIOD.

	Men.	Women.	Total.
Single.....	160	96	256
Married.....	125	147	272
Widowed.....	25	20	45
Divorced.....	2	7	9
Deserted by wife or husband.....	1	3	4
Unknown.....	1	1	2
Total	348	282	630

TABLE XIV.

DEGREE OF EDUCATION OF THOSE ADMITTED DURING BIENNIAL PERIOD.

	Men.	Women.	Total.
College.....	3	1	4
High school.....	11	9	20
Good common school.....	71	94	165
Poor common school.....	244	162	406
None.....	15	16	31
Unascertained.....	4	4	8
Total	348	282	630

TABLE XV.

SHOWING RELIGIOUS BELIEF OF PATIENTS ADMITTED DURING PERIOD.

	Men.	Women.	Total.
Roman Catholic.....	50	50	100
Lutheran.....	40	44	84
Methodist.....	34	40	74
Presbyterian.....	23	22	45
Baptist.....	16	6	22
Congregationalist.....	13	13	26
Episcopal.....	1	1	2
Christian.....	1	1	2
Quaker.....	1	1	2
Spiritualist.....	1	1	2
Universalist.....	1	1	2
Adventist.....	1	1	2
Unitarian.....	1	1	2
Salvation Army.....	1	1	2
Tinker.....	1	1	2
Dutch Reform.....	1	1	2
Unascertained.....	20	17	37
None.....	12	72	84
Total	348	282	630

TABLE XVI.

SHOWING HEREDITARY TENDENCY IN THOSE ADMITTED DURING THE PERIOD.

RELATIONSHIP.	Men.	Women.	Total.
Father.....	11	8	19
Mother.....	13	18	31
Brother.....	15	16	31
Sister.....	5	5	10
Brother and sister.....	5	5	10
Father and brother.....	1	1	2
Father and sister.....	3	3	6
Mother and brother.....	1	1	2
Mother and sister.....	1	1	2
Father and grandmother.....	5	5	10
Father and uncle.....	1	1	2
Father and aunt.....	1	1	2
Mother and uncle.....	1	1	2
Mother and aunt.....	2	2	4
Father and mother.....	1	1	2
Uncle and aunt.....	1	1	2
Uncle.....	14	11	25
Aunt.....	7	11	18
Cousin.....	8	6	14
Nephew.....	1	1	2
Son.....	1	1	2
Daughter.....	1	1	2
Grandfather.....	6	6	12
Grandmother.....	5	5	10
Husband.....	1	1	2
Wife.....	23	163	186
With no hereditary history.....	348	282	630
Total.....	348	282	630

TABLE XVII.

SHOWING THOSE ADMITTED DURING THE PERIOD WHO HAVE OR HAVE HAD RELATIVES IN THIS HOSPITAL, AND DEGREE OF RELATIONSHIP.

RELATIONSHIP.	NO.
Father and son.....	1
Father and daughter.....	1
Mother and son.....	1
Mother and two sons.....	1
Mother and daughter.....	1
Brothers.....	1
Sisters.....	1
Brothers and sisters.....	1
Uncle and nephew.....	1
Uncle and niece.....	1
Aunt and niece.....	1
Husband and wife.....	1
Cousins.....	1
Grandmother and grandson.....	1
Total.....	11

TABLE XVIII.

SHOWING THE FORM OF INSANITY OF THOSE ADMITTED DURING THE PERIOD.

FORM OF INSANITY.	Men.	Women.	Total.
Mania, acute.....	108	79	184
Mania, chronic.....	52	47	99
Melancholia.....	42	74	116
Dementia, primary.....	32	9	41
Dementia, secondary.....	67	48	115
Dementia, senile.....	18	13	31
Epileptic insanity.....	10	15	25
General paresis.....	10	10	20
Total.....	348	282	630

TABLE XIX.

SHOWING THE AVERAGE NUMBER OF PATIENTS EMPLOYED DURING PERIOD.

MONTH.	MEN.				WOMEN.					
	Working in ward.	Farm, garden, outside employ.	Average population.	Per cent employed.	Working in kitchen, laundry, etc.	Average employment.	Per cent employed.			
1887.										
July.....	145	148	283	453	64	163	303	218	253	61
August.....	154	160	314	461	68	184	303	219	301	62
September.....	151	135	286	451	63	168	293	201	348	57
October.....	145	124	269	446	60	171	255	234	259	69
November.....	140	110	250	437	54	185	238	220	345	63
December.....	161	79	240	406	61	170	268	208	343	60
1888.										
January.....	164	71	235	409	59	162	266	168	341	58
February.....	151	86	237	463	61	156	286	184	327	57
March.....	151	81	232	468	49	150	40	199	341	58
April.....	158	85	243	468	62	177	40	217	343	63
May.....	130	106	245	469	62	183	40	223	350	63
June.....	135	123	258	464	65	178	43	221	354	65
July.....	130	126	256	458	65	173	46	211	351	69
August.....	143	116	259	469	69	169	52	221	349	63
September.....	150	111	261	458	67	164	45	209	348	60
October.....	160	101	267	461	56	169	43	212	351	62
November.....	168	96	258	469	53	164	43	207	358	57
December.....	144	67	211	397	63	143	44	187	343	54
1889.										
January.....	129	71	160	365	54	148	43	161	343	56
February.....	131	73	204	373	65	141	47	188	352	62
March.....	137	71	204	381	61	143	48	191	356	54
April.....	124	62	212	384	56	151	46	187	364	54
May.....	127	103	230	392	58	139	46	185	368	56
June.....	128	106	234	387	60	139	48	177	370	48
Average for biennial period.....	145	101	246	439	55	163	41	204	350	58

MATRON'S REPORT.

Garments made and mended under the direction of the Seamstress, for the period ending June 30, 1889:

Aprons (dress) made by patients.....	1,940
Aprons (kitchen) made by patients.....	367
Bibs, made by patients in the ward.....	309
Bureau covers, made by patients.....	91
Chemises, made by patients in the wards.....	1,120
Clothes sacks, made by patients.....	161
Curtains, long white, made by patients.....	161
Carpets, made by patients and seamstresses.....	26
Crochet lace, made by patients, yards.....	25
Crochet shawls, made by patients.....	5
Crochet piano stool covers.....	5
Cheese cloth comfortable, crochet edge, by patients.....	6
Drawers, made in the wards by patients.....	966
Dresses, made by seamstresses and patients:	
Basques.....	108
Round waists.....	955
Wrappers.....	288
Worsted dresses.....	300
Total number of dress garments made.....	1,651
Hats, trimmed by seamstresses and patients.....	301
Lace, knitted by patients in wards, yards.....	45
Lambrequins (window), made by attendants and patients.....	205
Lambrequins (shelf), made by attendants and patients.....	161
Ladies' ties, made by patients.....	177
Mattress protectors, made by patients.....	194
Mattress ticks, made by seamstresses.....	95
Mittens, knit by patients, pairs.....	12
Masquerade suits, made by employes and patients.....	62
Masquerade suits, velvet, elaborate with gilt embroidery, braid and spangles, made by patients.....	7
Napkins (table), hemmed by patients.....	175
Napkins (bed), hemmed by patients.....	522
Night-gowns, made by patients.....	914
Overalls, made by an attendant and patient.....	125
Pillow cases, made by patients, pairs.....	1,274
Pillow ticks, made by patients.....	24
Pillow shams, embroidered by patients.....	5
Pillow shams, lace-edged and hemstitched by patients.....	5
Rugs cut and sewed for carpets by attendants and patients, pounds.....	3,125
Rug carpet, woven by an attendant and patient, yards.....	2,967
Rugs, made by patients in the wards.....	83
Rick-rack edging, made by patients, yards.....	216
Robes, made by seamstresses.....	11
Suspenders, made by seamstresses, pairs.....	319

Sheets, made by patients in the wards.....	1,734
Shirts, made by patients in the wards.....	1,320
Shirts, made by patients in the wards.....	1,296
Sun-bonnets, made by seamstresses and patients.....	218
Spreads (table), hemmed by patients.....	119
Spreads (bed), hemmed by patients.....	35
Socks, knit by patients, pairs.....	35
Stockings, knit by patients, pairs.....	131
Straw ticks, made by seamstresses.....	93
Socks, mended by patients, pairs.....	11,812
Table cloths, hemmed by patients in the wards.....	308
Towels, hemmed by patients in the wards.....	4,496
Tidies, made by patients in the wards.....	212
Under-waists, made by seamstresses and patients.....	630
Union suits, made by seamstresses and patients.....	32
U. S. flags (large), made by patients.....	7
Window shades, made by seamstresses.....	589
Garments mended for men, by patients and seamstresses.....	14,037
All mending for females is done in wards by patients and attendants.	

FRUITS CANNED AND PRESERVED.

Apples (Transcendent) canned, quarts.....	575
Apple jelly (Transcendent), glasses.....	580
Apple, sweet pickle (Transcendent), gallons.....	154
Blackberry jam, quarts.....	80
Blackberries canned, quarts.....	197
Blackberries canned, quarts.....	258
Cherries canned, quarts.....	280
Currant jelly, glasses.....	170
Currant jam, quarts.....	198
Currants spiced, quarts.....	4
Chow-chow, barrels.....	8
Chow-chow, gallons.....	106
Chutney, quarts.....	44
Chili sauce, gallons.....	12
Cucumbers in salt, barrels.....	15
Gooseberries spiced, quarts.....	224
Peaches canned, quarts.....	72
Peaches pickled, quarts.....	60
Pears canned, quarts.....	8
Pears pickled, gallons.....	364
Plums canned, quarts.....	175
Plum jelly, glasses.....	530
Raspberries, canned, quarts.....	114
Raspberry jam, quarts.....	60
Strawberries canned, quarts.....	80
Tomatoes canned, gallons.....	30
Quinces preserved, quarts.....	30

ORDINARY DIET TABLE.

BREAKFAST.

- Sunday*—Coffee, beef hash, bread, butter.
Monday—Coffee, beef stew, potatoes, bread, butter, oat meal.
Tuesday—Coffee, beef hash, rolls, bread, butter.
Wednesday—Coffee, steak, oat meal, bread, butter.
Thursday—Coffee, steak or liver, bread, butter.
Friday—Coffee, beef hash, potatoes, bread, rolls, butter.
Saturday—Coffee, warmed roast beef with gravy, or steak, bread, butter.

DINNER.

- Sunday*—Baked beans, cold roast beef, pickles or tomato catsup, bread, pie.
Monday—Vegetable soup, potatoes, cabbage, beets, bread, rice, milk.
Tuesday—Corned beef, potatoes, cabbage, turnips or beets, bread, pickles, steamed corn bread, pudding.
Wednesday—Potpie, potatoes and other vegetables, bread, rice, pudding, milk.
Thursday—Bean soup, roast beef with gravy, potatoes, hominy, bread, hasty pudding with syrup, milk.
Friday—Pickled codfish cooked in milk, or other fish, potatoes, onions, hominy, bread.
Saturday—Pea soup, roast beef, potatoes, pickles, bread, hasty pudding with syrup, milk.

SUPPER.

- Sunday*—Tea, bread, butter, sauce, cake.
Monday—Tea, bread, butter, cheese, or sweet crackers.
Tuesday—Tea, bread, butter, sauce or cookies.
Wednesday—Tea, bread, butter, rice, sauce, biscuit.
Thursday—Tea, bread, butter, toast, ginger bread.
Friday—Tea, warm biscuit, bread, butter.
Saturday—Tea, bread, butter, baked potatoes, sauce.

EXPLANATION OF DIETARY TABLE.

Drinks—Coffee is given to the entire household for breakfast, cold water for dinner, and tea for supper. Some of the old ladies, and a few male patients, who prefer it, have tea for breakfast and dinner. Others, from choice, get a cup of milk instead of tea or coffee. A large pailfull of milk is sent to several wards two or three times a week throughout most of the year. Many who are not inclined to take any or a sufficient quantity of

solid food, are given a pint of milk three or four times a day. In fact, some patients subsist for months and even years on scarcely any food except milk.

Bread—Graham as well as white bread is always on the table, and crackers are given to those who prefer them. Milk toast is made in quantities occasionally in summer and griddle cakes in winter.

Meats—Veal, mutton, lamb, beef, ham and eggs add to the variety in summer; fresh fish, liver, pork, chickens, head cheese, oysters and sausage in winter.

Vegetables—Cabbage, squash, onions and beets are often used for dinner, and an ample supply of potatoes furnished once or twice a day throughout the year. Green peas, string beans, green sweet corn, carrots, parsnips, turnips, radishes, lettuce, horse radish and tomatoes are had in abundance in their season. Large quantities of green corn and tomatoes are kept for winter use. Cucumbers, green tomatoes and onions are made up into pickles.

Sauce—Dried apples, peaches, prunes, berries, green apples, pie plant, boiled or baked custards, afford a variety of sauce for supper. Syrup is always on the table.

Extras—On Thanksgiving Day the whole household has turkey, cranberry sauce, mince pie for dinner, and either turkey or chicken two other days in the year. Oysters are served in like manner occasionally. Fresh strawberries and raspberries are served to all the patients several times in summer, also melons in their season. Apples are distributed throughout the entire house on Sunday, during the winter months.

Distinction in wards—The convalescent wards for either sex, are supplied with a greater variety of food than the rest, and with more articles of food than are named in the foregoing bill of fare.

SPECIAL DIET.

Separate kitchen—The extra cooks receive orders daily from the physicians to prepare special articles of food for certain patients who are named, on account of sickness or because the ordinary diet is not adapted to their needs. Such additional food is cooked in a small kitchen provided for that purpose.

Delicacies for the sick—Fresh oysters, beef tea, chicken broth, scalded milk and crackers, gruel, oat meal, cracked wheat, porridge, graham gems, muffins, dry toast, milk toast, toast with dropped egg, boiled egg, blanc mange, corn starch, tapioca, dried beef, honey, jelly, baked apples and canned fruits are carefully given to invalids, and all who are not able to partake of the regular diet. Tea, coffee and chocolate are kept in the infirmary wards and prepared between meals, when desired, by the nurses. Oranges, bananas, grapes and other kinds of fresh fruit are procured on the market for any of the sick who will be benefited by their use.

STEWARD'S REPORT.

Exhibit of Special Appropriations by the General Assembly.

WASH-HOUSE.

RECEIPTS.

July 1887.	1. Balance on hand	\$	1,520.00
EXPENDITURES.			
June	25. Gilbert Palmer, hauling brick.....	\$	25.20
June	30. R. R. Plane & Co., brick		410.40
June	30. C. C. Schmidt, hauling brick.....		53.10
July	9. Pay roll, labor		486.75
August	29. Edwards, McDonald & Leach, windows and frames.....		120.25
September	9. R. R. Plane & Co., brick		110.40
September	23. Zinn & Waekerbarth, lime		201.83
August	21. Frank Megow, castings.....		60.75
September	30. Z. Stout, lumber.....		42.87
		\$	1,520.00

BASEMENT AND ATTICS.

RECEIPTS.

July 1887.	1. Balance on hand.....	\$	748.20
EXPENDITURES.			
May	30. Wm. Ople, labor.....		123.75
June	13. Sam Cole, labor.....		125.00
June	30. Bonniwell & Stewart, tin and labor.....		389.75
1888.			
March	1. Sam Cole, labor.....		90.00
January	12. H. W. Johns' Manufacturing Co., asbestos.....		15.46
March	30. Bonniwell & Stewart, galvanized iron		4.24
		\$	748.20

ENLARGING LAUNDRY.

RECEIPTS.

July 1887.	1. Balance on hand.....	\$	2,020.00
EXPENDITURES.			
August	6. Pay roll, labor.....	\$	740.25
August	31. Pay-roll, labor.....		454.00
September	28. Mississippi Glass Works, glass.....		15.24
August	17. Z. Stout, lumber.....		256.60
October	12. Geo. W. Parker, cornice, etc.....		183.00
October	12. Chas. G. Hipwell, slate		360.00
		\$	2,020.00

REAR CENTER BUILDING.

RECEIPTS.

July 1887.	1. Balance on hand.....	\$	3,794.46
EXPENDITURES.			
May	12. Frank Megow, castings.....	\$	119.77
May	31. Z. Stout, lumber.....		333.00
June	12. P. A. Wolff & Son, brick.....		403.00
June	30. Peter McArthur, hauling.....		124.20
June	30. G. H. Robinson, hauling.....		81.05
June	30. R. R. Plane & Co., nails and bolts		313.41
June	30. Zinn & Waekerbarth, lime		322.68
June	30. B. C. R. & N. R. R. Co., freight.....		508.65
June	9. Pay roll, labor.....		367.26
July	15. Geo. W. Parker, cornice and roofing		220.00
July	1. Kellogg, Felch & Smith, doors and windows		14.58
July	1. Geo. Netcott, brick.....		473.82
September	30. Pay roll, labor.....		
		\$	3,794.46

FINISHING REAR CENTER.

RECEIPTS.

April 1888.	21. From appropriation of Twenty-Second General Assembly.....	\$	5,000.00
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EXPENDITURES.

May	4. A. J. Fish & Co., revolving oven	\$	1,000.00
May	31. Pay roll, labor.....		252.00
May	31. Geo. Netcott, brick.....		314.80
June	5. Miller Bros., cement floors.....		332.51
June	14. P. McArthur, hauling lime.....		81.89
June	14. Geo. Netcott, brick.....		165.29
June	30. Pay-roll, labor.....		105.00
June	30. Tusk Hydraulic Co., motor.....		80.00
June	30. Miller Bros., cement and labor.....		73.20
August	15. W. R. Ople, material and labor.....		220.00
September	8. W. R. Ople, material and labor.....		20.00
September	30. H. W. Hovey, cement.....		78.45
September	30. Frank Megow, stairs, weights, etc.....		146.57
September	30. Edwards, McDonald & Leach, lumber.....		47.37
September	30. R. R. Plane & Co., nails, locks, etc.....		66.30
September	30. H. B. Smith & Co., radiators.....		213.00
September	30. Crane Bros. Manufacturing Co., pipe, etc.....		50.69
September	30. B. A. Stevens, refrigerator pans.....		65.99
September	30. R. B. Pfister, painting.....		49.30
September	30. Wm. Ople, carpenter work.....		220.00
September	30. Davis & Martz, plastering.....		874.75
September	30. Wm. Davis, labor.....		51.75
September	30. Frank Martz, labor.....		61.50
September	30. Wm. R. Ople, labor.....		13.75
September	30. R. D. O'Brien, labor.....		20.00
September	30. Chas. Munnings, labor.....		22.18
		\$	5,000.00

CONTINGENT FUND.

RECEIPTS.

1887.			
July	1.	Balance on hand.....	\$ 624.45
July	13.	From appropriation of Twenty-First General Assembly.....	3,000.00
July	13.	Premium on warrants.....	13.90
1888.			
April	12.	From appropriation of Twenty-Second General Assembly.....	2,000.00
July	13.	From appropriation of Twenty-Second General Assembly.....	300.00
1889.			
April	11.	From appropriation of Twenty-Second General Assembly.....	2,700.00
			\$ 8,646.38

EXPENDITURES.

1887.			
June	24.	Z. Stout, lumber.....	70.89
June	30.	D. S. Fitch & Son, lumber and coal.....	39.76
August	15.	Geo. W. Parker, ventilator caps.....	16.00
October	19.	B. W. Tabor, lead and oil, etc.....	420.07
October	19.	G. H. Robinson, hauling.....	34.35
October	19.	Peter McArthur, sand.....	95.95
October	19.	R. R. Plane, brick.....	78.45
October	19.	Bonnell & Stewart, hardware.....	253.29
October	19.	Edwards, McDonald & Leach, lumber.....	66.50
October	19.	Z. Stout, lumber.....	157.73
October	19.	A. H. Connor, brick.....	408.00
October	19.	National Iron & Brass Works, steam pump.....	150.00
October	19.	Pay roll, labor.....	308.50
October	19.	B. C. R. & N. R. R. Co., freight.....	38.40
October	31.	B. C. R. & N. R. R. Co., freight.....	165.00
October	31.	Jed Lake, services.....	50.00
October	31.	Crane Bros. Manufacturing Co., radiator valves.....	41.57
October	31.	Geo. W. Parker, work on cornice.....	11.00
October	31.	Chas. G. Hipwell, slate.....	45.00
December	31.	John Artis, labor.....	149.40
December	31.	J. Williamson, labor.....	156.90
December	31.	Zinn & Wackerbarth, lime.....	106.19
December	31.	H. W. Hovey, stucco and half.....	27.53
December	31.	H. A. Hall, labor.....	147.00
December	31.	Novelty Iron Works, wire rope.....	19.90
December	31.	Frank Megow, castings.....	42.52
December	31.	Frederick Voss, wire lathing.....	152.25
December	31.	Crane Bros. Manufacturing Co., pipe, etc.....	296.40
December	31.	Edwards, McDonald & Leach, lumber.....	110.21
December	31.	Peter McArthur, sand.....	31.37

1888.

April	30.	Jed Lake, services.....	191.40
April	30.	R. R. Plane, brick.....	30.80
April	30.	B. C. R. & N. R. R. Co., freight on stone.....	375.78
April	30.	Frank Martz, labor.....	207.30
April	30.	W. N. Davis, labor.....	198.60
July	3.	M. Hearn, moving barn.....	50.00
July	1.	W. N. Davis, labor.....	192.50
July	1.	Sam. Cole, labor.....	75.00
July	1.	R. R. Plane, brick.....	7.80

July	1.	Zinn & Wackerbarth, lime.....	\$ 183.71
July	1.	B. C. R. & N. R. R. Co., freight on stone.....	123.74
July	1.	Wm. Opie, labor.....	70.00
July	1.	Jed Lake, services.....	35.00
July	1.	Miller Bros. pavement.....	279.03
July	30.	John Collins, labor.....	50.00
July	30.	J. Williamson, labor.....	45.00
September	15.	Zinn & Wackerbarth, lumber and lime.....	71.81
September	18.	Evens & Howard, drain tile.....	72.20
August	31.	Robert Stevenson & Co., boiled oil.....	80.29
September	30.	Chas. Munnings, labor.....	63.94
1889.			
January	9.	Geo. W. Bemis, salary.....	30.50
January	18.	A. Y. McDonald, brass plugs.....	36.00
January	23.	E. R. Brainerd, wash bowl slabs.....	172.00
January	28.	Fred Ades & Co., plumbers' supplies.....	60.00
January	31.	Crane Bros. Manufacturing Co., pipe, Ls, etc.....	137.20
March	1.	R. R. Plane & Co., range.....	325.00
March	1.	Evens & Howard, pipe.....	90.06
March	1.	Watson & McDaniel, steam trap.....	48.00
March	8.	State Penitentiary, stone.....	473.00
March	8.	Fisher Brothers, cement.....	255.00
March	8.	A. D. Guernsey, services.....	300.00
March	8.	D. H. Flester, services.....	70.00
March	31.	Western Newspaper Union, freight.....	10.00
April	1.	Peter McArthur, gravel.....	48.40
April	1.	Troy Laundry Machinery Co., leather belting.....	60.24
April	1.	B. C. R. & N. R. R. Co., freight.....	62.90
April	1.	Illinois Central Railroad Co., freight.....	34.38
April	1.	Frank Martz, labor.....	200.10
April	1.	J. M. Marquette, hauling.....	7.70
April	1.	E. S. Wilcox, labor.....	32.20

Balance July 1, 1889..... \$ 8,573.09
 \$ 296.77

WASHING MACHINERY.

RECEIPTS.

1889.			
April	11.	From appropriation of Twenty-Second General Assembly.....	\$ 1,000.00

EXPENDITURES.

1889.			
March	6.	Oakley & Keating, washing machines.....	\$ 576.00
March	20.	Troy Laundry Machinery Co., steam mangle.....	402.80
March	20.	B. C. R. & N. R. R. Co., freight.....	21.20

\$ 1,000.00

WATER MAINS.

RECEIPTS.

1888.			
April	12.	From appropriation of Twenty-Second General Assembly.....	\$ 5,000.00
July	13.	From appropriation of Twenty-Second General Assembly.....	2,600.00

1889.			
April	11.	From appropriation of Twenty-Second General Assembly.....	1,000.00
April	11.	Interest and premium on warrants.....	8.75

\$ 8,608.75

EXPENDITURES.

1888.	
May	28. Chattanooga Foundry Works, pipe.....\$ 3,853.88
May	28. B. C. R. & N. R. R. Co., freight on pipe..... 553.12
May	28. Illinois Central R. R. Co., freight on pipe..... 254.37
May	28. Westphal-Hinds Hardware Co., pig lead..... 197.95
June	25. Westphal-Hinds Hardware Co., pig lead..... 156.41
June	30. Pay roll, labor..... 818.42
June	30. D. S. Field & Son, lumber..... 50.98
June	30. Chattanooga Foundry Works, T.R..... 20.61
July	13. Chattanooga Foundry Works, water pipes..... 400.00
July	31. Pay roll, labor..... 429.50
July	31. Crane Bros. Manufacturing Co., hydrants..... 188.61
July	31. Independence Water Works, tapping main..... 12.50
December	31. D. H. Flester, labor..... 67.40
1889.	
January	9. Geo. W. Bemis, salary..... 35.00
March	12. National Tube Works, hydrants..... 172.50
March	15. B. C. R. & N. R. R. Co., freight..... 14.44
April	5. Shiekie, Harrison & Howard, pipe..... 589.77
April	15. Westphal-Hinds Hardware Co., pig lead..... 40.48
June	30. D. H. Flester, labor..... 105.00
June	30. Frank Robinson, labor..... 25.00
June	30. W. C. Hamilton, cash advanced..... 17.81
	\$ 8,008.75

PIANOS AND PRINTING PRESS.

RECEIPTS.

1889.	
April	11. From appropriation of Twenty-Second General Assembly . \$ 750.00

EXPENDITURES.

March	31. Western Newspaper Union, printing press.....\$ 200.00
March	31. D. C. Backus, two pianos..... 500.00
June	30. John Till, billiard table..... 50.00
	\$ 750.00

IMPROVING GROUNDS.

RECEIPTS.

1889.	
April	11. From appropriation of Twenty-Second General Assembly . \$ 1,000.00

EXPENDITURES.

April	11. J. Weidenmann, services..... 100.00
April	30. W. A. Otis, services..... 29.33
	129.33
	Balance July 1, 1889..... \$ 870.67

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending June 30, 1888.

RECEIPTS.

From balance on hand July 1, 1887.....	\$ 3,574.05
From Treasurer of State.....	134,246.00
From board and clothing paid by friends of patients.....	1,450.69
From hides and tallow sold.....	1,641.26
From sundry articles sold.....	1,690.02
From farm stock, etc., sold.....	641.73
From premium and interest on State warrants.....	303.75
	\$ 143,548.10

EXPENDITURES.

For vouchers unpaid June 30, 1887.....	\$ 20,984.96
For meats and fish.....	13,002.40
For breadstuffs.....	6,301.20
For fruit.....	2,050.53
For tea and coffee.....	4,328.80
For sugar and syrup.....	3,666.75
For butter.....	8,192.98
For eggs and cheese.....	1,347.13
For sundry groceries.....	3,978.59
For medical supplies.....	2,914.02
For postage and stationery.....	1,048.94
For clothing.....	11,750.45
For library and diversions.....	1,005.03
For furniture and furnishing.....	2,400.15
For repairs.....	6,633.33
For hardware.....	2,049.42
For contingencies.....	3,303.00
For glass, oil and paints.....	863.42
For farm.....	5,174.88
For soap.....	1,692.75
For lights.....	2,597.46
For fuel.....	13,151.03
For salaries and wages.....	41,770.42
For visiting committee.....	306.85
Total.....	\$ 172,131.81
Vouchers for quarter ending June 30, 1888, unpaid.....	32,398.38

139,895.43

Balance on hand June 30, 1888..... \$ 3,692.67

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending June 30, 1889.

RECEIPTS.

From balance on hand June 30, 1888.....	\$ 3,692.67
From Treasurer of State.....	135,616.00
From board and clothing paid by friends of patients.....	1,372.57
From hides and tallow sold.....	3,440.20
From sundry articles sold.....	457.74
From premiums and interest on State warrants.....	553.99
	\$ 144,139.27

EXPENDITURES.

For vouchers unpaid June 30, 1888.....	\$ 32,268.38
For meats and fish.....	14,090.57
For breadstuffs.....	7,624.69
For fruit.....	2,070.13
For tea and coffee.....	3,631.66
For sugar and syrup.....	4,001.96
For butter.....	8,530.32
For eggs and cheese.....	1,071.43
For sundry groceries.....	1,991.20
For medical supplies.....	2,637.21
For postage and stationery.....	678.72
For clothing.....	9,186.93
For library and diversions.....	1,346.19
For furniture and furnishing.....	6,833.21
For repairs.....	3,351.78
For hardware.....	1,889.60
For centingales.....	4,481.27
For glass, oil and paints.....	642.45
For farm.....	6,994.41
For soap.....	2,175.29
For lights.....	3,220.61
For fuel.....	11,513.62
For salaries and wages.....	42,137.48
For visiting committee.....	428.01
	\$ 172,292.61
Vouchers for quarter ending June 30, 1889, unpaid.....	30,074.85
	142,217.76

Balance on hand June 30, 1889..... \$ 1,951.61

TOTAL BALANCE IN TREASURER'S HANDS, JUNE 30, 1889.

Current expense fund.....	\$ 1,951.61
Contingent fund.....	267.22
Ornamenting grounds fund.....	870.57
	\$ 2,989.40

PRODUCTS OF FARM AND GARDEN.

For year ending June 30, 1888.

Asparagus, 400 bunches, at 5 cents.....	\$ 20.00
Beet greens, 100 bushels, at 30 cents.....	30.00
Beets, 200 bushels, at 50 cents.....	100.00
Beans, Lima, 20 bushels, at \$2.00.....	40.00
Beans, string, 40 bushels, at 50 cents.....	20.00
Beans, white, 115 bushels, at \$2.25.....	258.75
Carrots, 530 bushels, at 40 cents.....	212.00
Cucumbers, 6,000, at one half cent.....	300.00
Celery, 2,600 bunches, at 10 cents.....	26.00
Currants, 290 quarts, at 7 cents.....	20.30
Cauliflower, 150 heads, at 10 cents.....	15.00
Corn, 1,000 bushels, at 35 cents.....	350.00
Corn, sweet, 150 bushels, at 50 cents.....	75.00
Cabbage, early, 2,000 heads, at 10 cents.....	20.00
Cabbage, late, 3,000 heads, at 10 cents.....	30.00
Grapes, 1,700 pounds, at 7 cents.....	119.00
Horseradish, 12 bushels, at 40 cents.....	4.80
Hops, 20 bushels, at 50 cents.....	10.00

Hay, 150 tons, at \$8.00.....	1,200.00
Lettuce, 140 bushels, at 30 cents.....	42.00
Mangels, 350 bushels, at 40 cents.....	140.00
Onions, green, 600 bunches, at 10 cents.....	60.00
Onions, 175 bushels, at \$1.00.....	175.00
Oats, 925 bushels, at 25 cents.....	231.25
Peas, 40 bushels, at 75 cents.....	30.00
Peppers, 3 pounds, at \$1.50.....	4.50
Potatoes, 3,325 bushels, at 50 cents.....	1,712.50
Paranuts, 200 bushels, at 30 cents.....	60.00
Radishes, 70 bushels, at 50 cents.....	35.00
Rhubarb, 300 bunches, at 5 cents.....	15.00
Raspberries, 2,907 quarts, at 12 cents.....	348.84
Strawberries, 1,840 quarts, at 10 cents.....	184.00
Strawberry plants.....	.75
Squash, 20 bushels, at 30 cents.....	6.00
Squash, early, 500, at 10 cents.....	50.00
Squash, winter, 1,000, at 8 cents.....	80.00
Sage, 40 pounds, at 50 cents.....	20.00
Tomatoes, 620 bushels, at 80 cents.....	620.00
Turnips, early, 40 bushels, at 30 cents.....	12.00
Turnips, late, 110 bushels, at 25 cents.....	27.50
Turnips, late, 7 bushels, at 50 cents.....	3.50
Bulls sold, 2.....	65.97
Calves sold, 32.....	124.75
Cows from dairy, 11.....	275.00
Hogs sold, 107.....	1,504.85
Horses sold, 5.....	620.00
Milk used from dairy, 32,880 gallons.....	7,306.40
Care of officers' horses and use of farm teams.....	2,282.00
Pasture for beef cattle.....	80.00
	\$ 19,151.86

EXPENSE CHARGED TO FARM, 1888.

Board and pay of teamsters, gardeners and farm hands.....	\$ 4,201.00
Blacksmithing.....	206.16
Bulls purchased, 2.....	65.00
Cows purchased, 15.....	550.00
Corn purchased and consumed.....	41.72
Cutting grain.....	613.77
Feed purchased.....	570.00
Hogs purchased, 62.....	571.78
Horses purchased, 5.....	570.00
Hay raised and consumed.....	1,000.00
Hay purchased and consumed.....	501.25
Harness and repairs.....	106.15
Oats raised and consumed.....	257.10
Oats purchased and consumed.....	334.55
Seeds and plants purchased.....	118.80
Swill.....	300.00
Rent of farm.....	400.00
Moving barn and for fence wire.....	55.57
Mangels consumed for feed.....	280.00
Wagons and repairs.....	100.20
	\$ 10,914.58
Profit for year ending June 30, 1888.....	8,257.28
	\$ 19,151.86

PRODUCTS OF FARM AND GARDEN.

For year ending June 30, 1889.

Asparagus, 400 bunches, at 5 cents.....	\$ 20.00
Beet greens, 125 bushels, at 30 cents.....	37.50
Beets, 200 bushels, at 50 cents.....	175.00
Beans, Lima, 21 bushels, at \$2.50.....	52.50
Beans, white, 100 bushels, at \$2.75.....	275.00
Beans, string, 50 bushels, at \$1.00.....	50.00
Carrots, 365 bushels, at 50 cents.....	182.50
Caulliflower, 500 bunches, at 10 cents.....	50.00
Cucumbers, 4,500, at 1 cent.....	45.00
Celery stalks, 6,000, at 10 cents.....	600.00
Cabbage heads, 5,000, at 10 cents.....	500.00
Currants, 1,470 quarts, at 7 cents.....	102.90
Corn, 800 bushels, at 24 cents.....	200.00
Grapes, 1,200 pounds, at 7 cents.....	84.00
Hops, 23 pounds, at 50 cents.....	11.50
Hay, 300 tons, at \$6.00.....	1,800.00
Lettuce, 225 bushels, at 30 cents.....	67.50
Mangles, 300 bushels, at 40 cents.....	120.00
Onions, 600 bunches, at 10 cents.....	60.00
Onions, 250 bushels, at \$1.00.....	250.00
Oats, 870 bushels, at 22 cents.....	191.40
Peas, 78 bushels, at 75 cents.....	58.50
Peppers, 2 pounds, at \$1.50.....	3.00
Parsnips, 125 bushels, at 30 cents.....	37.50
Potatoes, 8,125 bushels, at 30 cents.....	2,437.50
Radishes, 145 bushels, at 50 cents.....	72.50
Radishes, horse, 15 bushels, at 40 cents.....	6.00
Raspberries, 4,411 quarts, at 10 cents.....	441.10
Rhubarb, 500 bunches, at 5 cents.....	25.00
Spinach, 40 bushels, at 30 cents.....	12.00
Sweet corn, 250 bushels, at 50 cents.....	125.00
Salsify, 35 bushels, at \$1.00.....	35.00
Squash, 900, at 10 cents.....	90.00
Sage, 50 pounds, at 50 cents.....	114.00
Strawberries, 600 quarts.....	45.00
Tomatoes, 270 bushels, at 30 cents.....	112.50
Turnips, 450 bushels, at 25 cents.....	64.50
Calves sold, 35.....	400.00
Cows from dairy, 13.....	1,172.65
Hogs sold.....	8,065.00
Milk from dairy, 54,800 gallons.....	3,725.00
Care of officers' horses and use of teams.....	75.00
Pasture for beef cattle.....	18.34
Potatoes sold.....	
	\$ 22,730.49

EXPENSE CHARGED TO FARM, 1889.

Pay of teamsters, gardeners and farm hands.....	\$ 4,480.00
Blacksmithing.....	227.85
Cows purchased, 13.....	457.50
Corn raised and consumed.....	200.00
Cutting and threshing grain.....	60.85
Feed.....	1,106.72
Hogs.....	1,288.10
Horses purchased, 4.....	867.50
Hay raised and consumed.....	1,882.00

Harness and repairing.....	202.10
Oats raised and consumed.....	191.40
Oat straw purchased and consumed.....	28.51
Oats purchased and consumed.....	383.26
Seeds and plants.....	282.57
Swill.....	500.00
Fence posts.....	153.70
Machinery and repairing.....	112.95
Mangles.....	120.00
	\$ 12,560.51
Profits for year ending June 30, 1889.....	10,061.38
	\$ 22,730.40

INVENTORY.

REAL ESTATE.

Land, 580 acres, at \$40.....	\$ 23,200.00
Fences.....	1,750.00
Wells.....	3,500.00
Water mains and hydrants.....	16,000.00
Cisterns.....	1,750.00
Reservoirs.....	2,500.00
Sewers.....	8,500.00
Improving roads.....	500.00
	\$ 57,700.00

BUILDINGS.

Main Institution.....	\$ 880,450.00
Farmer's Lodge.....	25,000.00
Grove Hall.....	40,000.00
Carpenter's shop.....	3,000.00
Cold storage house.....	3,000.00
Horse barn.....	3,000.00
Cow barn.....	3,000.00
Slaughter-house.....	300.00
Sheds.....	600.00
Hen-houses.....	150.00
Scales and house.....	200.00
Gas-house and holder.....	5,000.00
Summer-houses.....	200.00
	\$ 972,900.00

FARM STOCK AND IMPLEMENTS.

Buggies, 2.....	\$ 175.00
Bulls, 2.....	190.00
Boat, 1.....	25.00
Brood sows, 20.....	450.00
Cows, milk, 67.....	2,345.00
Carts, 2.....	42.00
Express wagon, 1.....	50.00
Horses, 16.....	2,250.00
Hogs, 197.....	996.00
Hacks, 2.....	225.00
Harrows, 2.....	15.00
Harrow disk, 1.....	30.00
Harvester, 1.....	150.00
Harness, 7 set double.....	190.00
Harness, 4 set single.....	60.00
Hay rake, 1.....	10.00
Mowers, 2.....	95.00
Oxen, 2.....	150.00
Plows, 5.....	90.00
Pigs, 159.....	60.00
Roller, 1.....	10.00
Seeder, 1.....	35.00
Spades, forks, and hand tools.....	125.00
Wagons, 5.....	210.00
	\$ 8,425.00

SUPPLIES.

Butcher stock.....	\$ 1,230.00
Breadstuffs.....	834.00
Butter.....	70.00
Coffee and tea.....	1,194.51
Coal and wood.....	600.00
Coke and naphtha.....	235.90
Dry goods and clothing.....	6,929.89
Eggs and cheese.....	25.00
Fruit and vegetables.....	155.00
Hardware and queensware.....	325.00
Lumber for repairs.....	75.00
Medical supplies.....	1,016.38
Postage and stationery.....	60.00
Sugar and syrup.....	1,067.00
Sundry groceries.....	425.00
Soup.....	450.00
Supplies for plumbing.....	475.00
	\$ 14,383.29

SUMMARY OF INVENTORY.

Real estate.....	\$ 57,700.00
Buildings.....	672,900.00
Farm stock and implements.....	8,425.00
Supplies on hand.....	14,383.29
	\$1,053,408.29

OFFICERS AND EMPLOYEES, JUNE 30, 1889.

Number.	NAME.	HOW EMPLOYED.	SALARY.
1	Gershom H. Hill.....	Superintendent.....	\$ 2,500.00 per annum.
2	E. B. Thompson.....	First assistant physician.....	1,300.00 per annum.
3	M. Nelson Voldeag.....	Second assistant physician.....	800.00 per annum.
4	John C. Doolittle.....	Third assistant physician.....	600.00 per annum.
5	Wm. C. Hamilton.....	Steward.....	900.00 per annum.
6	Mrs. Lucy M. Gray.....	Matron.....	900.00 per annum.
7	A. D. Guernsey.....	Engineer.....	100.00 per month.
8	W. S. Young.....	Assistant engineer.....	40.00 per month.
9	George Beaman.....	Fremman.....	25.00 per month.
10	David Mandell.....	Fremman.....	27.00 per month.
11	H. A. Cramer.....	Carpenter.....	45.00 per month.
12	W. J. Warr.....	Stenographer.....	45.00 per month.
13	Carrie Curtis.....	Book-keeper.....	40.00 per month.
14	H. E. Markham.....	Apothecary.....	35.25 per month.
15	C. L. Thomas.....	Gardener.....	40.00 per month.
16	James Nieth.....	Assistant gardener.....	35.00 per month.
17	H. Wilson.....	Hackman.....	26.00 per month.
18	Sam Parker.....	Barrman.....	20.00 per month.
19	Joe Webb.....	Teamster.....	20.00 per month.
20	Wm. Borden.....	Teamster.....	20.00 per month.
21	Thos. O'Toole.....	Teamster.....	20.00 per month.
22	Henry Hilberg.....	Baker.....	40.00 per month.
23	Wm. Youngman.....	Assistant baker.....	30.00 per month.
24	Wm. Henderson.....	Milkman.....	25.00 per month.
25	J. H. Martin.....	Milkman.....	21.00 per month.
26	W. J. Martin.....	Farmer.....	25.00 per month.
27	Frank Rotten.....	Outside attendant.....	27.00 per month.
28	Frank Robinson.....	Outside attendant.....	25.00 per month.
29	James Notcott.....	Storekeeper.....	40.00 per month.
30	James McDonald.....	Outside attendant.....	25.00 per month.
31	Charles Wilson.....	Kitchen man.....	20.00 per month.
32	Chas. Trumbauer.....	Kitchen man.....	15.00 per month.
33	Wm. Krokenberg.....	Watchman.....	20.00 per month.
34	M. B. Griffith.....	Watchman.....	20.00 per month.
35	C. W. Rahe.....	Watchman.....	27.00 per month.
36	Martha Boyack.....	Watch girl.....	20.00 per month.
37	Willie Fox.....	Watch girl.....	20.00 per month.
38	H. B. Ackley.....	Day nurse.....	25.25 per month.
39	Benno Von Zastrow.....	Night nurse.....	24.00 per month.
40	Elizabeth C. Irwin.....	Day nurse.....	20.00 per month.
41	Estelle Beadle.....	Day nurse.....	20.00 per month.
42	May Gray.....	Day nurse.....	16.00 per month.
43	Frank Pries.....	Night nurse.....	20.00 per month.
44	W. W. Plester.....	Supervisor.....	40.00 per month.
45	F. I. Kimball.....	Attendant.....	27.00 per month.
46	D. A. Lawrence.....	Attendant.....	27.00 per month.
47	G. H. Lyons.....	Attendant.....	27.00 per month.
48	E. V. Tiffany.....	Attendant.....	25.00 per month.
49	A. T. Parker.....	Attendant.....	25.00 per month.
50	T. E. Colleton.....	Attendant.....	25.00 per month.
51	David Riede.....	Attendant.....	25.00 per month.
52	T. Moment.....	Attendant.....	25.00 per month.
53	A. H. Hill.....	Attendant.....	25.00 per month.
54	A. Kahl.....	Attendant.....	25.00 per month.
55	E. Westerlund.....	Attendant.....	25.00 per month.
56	Geo. Cole.....	Attendant.....	22.00 per month.
57	Arthur Schier.....	Attendant.....	21.00 per month.
58	J. S. Weart.....	Attendant.....	21.00 per month.
59	D. Lowell.....	Attendant.....	18.00 per month.
60	A. P. Johnson.....	Attendant.....	19.00 per month.

OFFICERS AND EMPLOYEES—CONTINUED.

Number.	NAME.	HOW EMPLOYED.	SALARY.
61	W. King	Attendant, farmers' lodge	10.00 per month.
62	H. Ballentine	Attendant, farmers' lodge	7.50 per month.
63	A. Penoyer	Attendant, farmers' lodge	25.00 per month.
64	E. Delaney	Attendant, farmers' lodge	10.00 per month.
65	Will Shline	Watchman, farmers' lodge	25.00 per month.
66	Nettie Penoyer	Cook, farmers' lodge	16.00 per month.
67	Belle Edgerton	Kitchen girl, farmers' lodge	12.00 per month.
68	G. C. Murphy	Attendant, grove hall	27.00 per month.
69	G. C. Archer	Attendant, grove hall	20.00 per month.
70	H. Reynolds	Attendant, grove hall	15.00 per month.
71	E. G. Price	Attendant, grove hall	18.00 per month.
72	Jesse Gray	Watchman, grove hall	21.50 per month.
73	Jane Foreman	Cook, grove hall	18.00 per month.
74	Bertha Bowman	Kitchen girl, grove hall	12.00 per month.
75	Emma Wiggitt	Supervisor	28.00 per month.
76	Agnes Lynch	Assistant Supervisor	22.00 per month.
77	Maggie O'Connor	Attendant	20.00 per month.
78	Ella O'Brien	Attendant	20.00 per month.
79	Mary Finlay	Attendant	20.00 per month.
80	Ella Stafford	Attendant	20.00 per month.
81	Jennie Palmer	Attendant	20.00 per month.
82	Mary Meredith	Attendant	20.00 per month.
83	Allie Johnston	Attendant	20.00 per month.
84	May Merrill	Attendant	20.00 per month.
85	Sarah Boyack	Attendant	20.00 per month.
86	Emma Mendenhall	Attendant	19.00 per month.
87	Ella Blado	Attendant	19.00 per month.
88	Emma Evans	Attendant	18.00 per month.
89	Sophie Moore	Attendant	18.00 per month.
90	Hattie Madison	Attendant	18.00 per month.
91	Hester Stroufe	Attendant	17.00 per month.
92	Ida Winsor	Attendant	16.00 per month.
93	Janet Ott	Attendant	16.00 per month.
94	Eva Alcorn	Attendant	15.00 per month.
95	Martha Casey	Attendant	15.00 per month.
96	Ella Smith	Attendant	15.00 per month.
97	Kate Martin	Attendant	15.00 per month.
98	Nellie Topper	Attendant	15.00 per month.
99	Lida Lynch	Attendant	14.50 per month.
100	Lizzie Trumbauer	Attendant	14.00 per month.
101	Augusta Michaels	Attendant	14.00 per month.
102	Maggie O'Brien	Attendant	12.00 per month.
103	Bertha Michaels	Attendant	12.00 per month.
104	Mary Schaffer	Attendant	12.00 per month.
105	Nellie Ward	Attendant	12.00 per month.
106	Emma Bohay	Attendant	12.00 per month.
107	Anna Soright	Attendant	12.00 per month.
108	Anna Burns	Attendant	12.00 per month.
109	Lucy Dodge	Seamstress	20.00 per month.
110	Tillie Funk	Seamstress	19.00 per month.
111	Frances Funk	Seamstress	14.00 per month.
112	Tillie Melstet	Seamstress	14.00 per month.
113	Mary Pirie	Office girl	12.00 per month.
114	Lida Peck	Chambermaid	12.00 per month.
115	Minnie McDonald	Cook	25.00 per month.
116	Hannah Warner	Cook	18.00 per month.
117	Anna Ferguson	Assistant cook	15.00 per month.
118	Katie McGuire	Order cook	12.00 per month.
119	Loe McDonald	Waitress	12.00 per month.
120	Frederica Subr	Waitress	12.00 per month.
121	Ida Gestl	Waitress	11.00 per month.
122	Anna Finlay	Waitress	11.00 per month.
123	Etta Rolsper	Kitchen girl	10.00 per month.
124	Maudie McGuire	Kitchen girl	10.00 per month.
125	Anna McGuire	Kitchen girl	10.00 per month.
126	Kate Dowdall	Kitchen girl	10.00 per month.
127	Ida Ehrlic	Kitchen girl	10.00 per month.
128	Anna Martin	Kitchen girl	10.00 per month.
129	Jennie Thomas	Laundress	20.00 per month.
130	Barbara Schmidkons	Laundress	12.00 per month.

OFFICERS AND EMPLOYEES—CONTINUED.

Number.	NAME.	HOW EMPLOYED.	SALARY.
131	Alvira Naudhm	Laundress	11.00 per month.
132	Maggie Beier	Laundress	11.00 per month.
133	Allice Delaney	Laundress	11.00 per month.
134	Emma Heuberger	Laundress	10.00 per month.
135	Eliza Berger	Ironer	18.00 per month.
136	Mary O'Toole	Ironer	11.00 per month.
137	Kate Finley	Ironer	11.00 per month.
138	Mary Osberne	Ironer	9.00 per month.
139	Hattie McDonald	Ironer	9.00 per month.
140	Ovella Roth	Ironer	11.00 per month.
141	Mary Hokey	Ironer	25.00 per month.
142	John Gelst	Laundryman	2.00 per day.
143	L. M. Stevens	Gas-maker	2.50 per day.
144	A. S. Moushaw	Carpenter	2.50 per day.

TREASURER'S REPORT.

TREASURER'S OFFICE,
INDEPENDENCE, IOWA, June 30, 1889.

To the Trustees of the Iowa Hospital for the Insane at Independence,
Iowa:

The following report of the Treasurer of said Hospital, showing the receipts and disbursements of the several funds coming into his hands for the years commencing June 30, 1887, and ending June 30, 1889, is respectfully submitted.

GEO. W. BEMIS,
Treasurer.

CURRENT EXPENSE FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Balance on hand June 30, 1887.....	\$ 3,574.05
Receipts to June 30, 1888, from Treasurer of State	134,246.00
Receipts to June 30, 1888, from Steward.....	5,424.30
Receipts to June 30, 1888, from premium on State warrants.....	303.75
By payment of orders to June 30, 1888.....	\$ 143,548.10
Balance on hand June 30, 1888	\$ 139,865.41

Exhibit from June 30, 1888, to June 30, 1889.

Balance on hand June 30, 1888.....	\$ 3,982.67
Receipts to June 30, 1889, from Treasurer of State	136,616.00
Receipts to June 30, 1889, from Steward.....	4,316.71
Receipts to June 30, 1889, from premium on State warrants	565.30
Receipts to June 30, 1889, from interest on State warrants.....	48.66
By orders paid to June 30, 1889	\$ 144,160.37
Balance on hand June 30, 1889.....	\$ 142,315.26
	\$ 1,951.41

CONTINGENT FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Balance on hand June 30, 1887.....	\$ 624.45
Receipts from Treasurer of State to June 30, 1888.....	5,000.00
Receipts from premium on State warrants.....	15.06
By payment of orders to June 30, 1888.....	\$ 5,640.30
Balance on hand June 30, 1888.....	\$ 4,529.26
	\$ 1,111.12

Exhibit from June 30, 1888, to June 30, 1889.

Balance on hand June 30, 1888.....	\$ 1,111.12
Receipts from Treasurer of State to June 30, 1889	3,000.00
By payment of orders to June 30, 1889.....	\$ 4,111.12
Balance on hand June 30, 1889.....	\$ 3,844.40
	\$ 296.72

WATER-MAIN FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Receipts from Treasurer of State to June 30, 1888.....	\$ 5,000.00
By payment of orders to June 30, 1888.....	5,830.15
Overpaid June 30, 1888.....	\$ 830.15

Exhibit from June 30, 1888, to June 30, 1889.

Receipts from State Treasurer to June 30, 1889.....	\$ 3,000.00
Receipts from premium on State warrants.....	5.73
	\$ 3,005.73
Overpaid to June 30, 1888.....	\$ 830.15
By payment of orders to June 30, 1889.....	2,178.60
	\$ 2,008.75

REAR CENTER BUILDING FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Balance on hand June 30, 1887.....	\$ 3,764.46
Receipts from Treasurer of State to June 30, 1888.....	5,000.00
By payment of orders to June 30, 1888.....	\$ 5,764.46
Balance on hand June 30, 1888.....	\$ 6,345.96
	\$ 2,418.51

Exhibit from June 30, 1888, to June 30, 1889.

Balance on hand June 30, 1888.....	\$ 2,418.51
By orders paid to June 30, 1889.....	2,418.51

WASH HOUSE FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Balance on hand June 30, 1887.....	\$ 1,520.55
By payment of orders to June 30, 1889.....	1,520.55

LAUNDRY FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Balance on hand June 30, 1887.....	\$ 2,000.00
By payment of orders to June 30, 1888.....	2,000.00

BASEMENT AND ATTIC FUND.

Exhibit from June 30, 1887, to June 30, 1888.

Balance on hand June 30, 1887.....	\$ 748.20
By payment of orders to June 30, 1888.....	748.20

HOSPITAL AT INDEPENDENCE.

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WASHING MACHINERY FUND.

Exhibit from June 30, 1888, to June 30, 1889.

Receipts to June 30, 1889, from Treasurer of State.....	\$ 1,000.00	
By payment of orders to June 30, 1889.....		1,000.00

PIANO AND PRINTING PRESS FUND.

Exhibit from June 30, 1888, to June 30, 1889.

Receipts from Treasurer of State to June 30, 1889.....	\$ 750.00	
By payment of orders to June 30, 1889.....		750.00

ORNAMENTING GROUNDS FUND.

Exhibit from June 30, 1888, to June 30, 1889.

Receipts from treasurer of State to June 30, 1889	\$ 1,000.00	
By payment of orders to June 30, 1889.....		120.30
Balance on hand June 30, 1889.....		\$ 879.67

NOTE.—The list of vouchers for current expenses during the biennial period covered by this report are on file in the Executive Office.

WM. LARRABEE.