

TENTH BIENNIAL REPORT

OF THE

TRUSTEES, SUPERINTENDENT AND TREASURER

OF THE

IOWA HOSPITAL FOR THE INSANE,

AT

MOUNT PLEASANT,

FOR THE FISCAL YEARS OF 1878 AND 1879.

[PRINTED BY ORDER OF THE GENERAL ASSEMBLY.]

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IOWA HOSPITAL FOR THE INSANE, }
AT MOUNT PLEASANT, IOWA, October. 2, 1879. }

To HIS EXCELLENCY, JOHN H. GEAR, *Governor of the State of Iowa:*

SIR—I have the honor herewith to transmit to you, on behalf of the Board of Trustees of the Iowa Hospital for the Insane, at Mount Pleasant, their Tenth Biennial Report, together with the report of the Superintendent, and statistical and other exhibits, showing the operations of the period, and the present condition of the institution.

I have the honor to be, very respectfully,

Your obedient servant,

M. A. CLEAVES, *Secretary.*

OFFICERS OF THE HOSPITAL.

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TRUSTEES' REPORT.

IOWA HOSPITAL FOR THE INSANE, }
AT MOUNT PLEASANT, IOWA, October 2, 1879. }

To HIS EXCELLENCY, JOHN H. GEAR, *Governor of Iowa:*

THE Trustees respectfully submit their tenth biennial report, accompanied by the biennial report of the Superintendent, and the exhibits of the Steward and Treasurer.

All the regular meetings of the Board of Trustees, required by law, have been held during this period, and monthly visits by one or two trustees each intervening month between the regular meetings of the board.

The improvements and repairs have been made under the supervision and direction of the Superintendent, with a free and full interchange of views with the Board. The work is well and substantially done, and has the full approval of the Board, as having been done in the most economical manner, consistent with durability and the character of the work.

The making of a new boiler to correspond with those now in use, was recommended by the Board, under the deliberate conviction that proper temperature is an essential element in the treatment of the sick, especially in hospitals, and that no expense that is required to effect this object can be deemed either misplaced or injudicious. It was barely ready for use, when one of the old boilers became disabled, requiring repairs costing over three hundred dollars (\$300).

The repairing the road north from the entrance-gate to the Hospital Avenue to the railroad switch, was also recommended as being in the line of true economy. The condition of this road has been such that the hauling of several car-loads of ice had to be done with stone drays or boats, straining and laming teams, and with a loss of not less than five tons of ice by melting. Had the Hospital been without a supply

of coal at this time, it would have been impossible to haul enough to keep it running. We were obliged to get corn up from the switch and carried it in sacks to the Avenue gate.

These and other items of expense, since our last report, were paid out of the current-expense fund, to which there has been a saving during the same time by the reduction of the salaries of officers, employes, and laborers, and gas supply, of \$3,167.25.

The Sixteenth General Assembly made an appropriation of five thousand dollars to replace the sub-basement, being so much of the cost estimated by Messrs. Piquenard and Finkbine, as shown by our last report. We recommend the appropriation of the balance of this estimate, eleven thousand two hundred and thirty-seven and 50-100 dollars, believing this work should be completed during the biennial period.

To provide for the protection and wants of the hospital buildings and grounds for the coming biennial period, the Board recommend the appropriation of the following sums, estimates for which, in all cases, except the repairing of the reservoirs and some items under the head of general repairs, will be found practically correct. Aside from the reasons here submitted for the appropriations asked, we respectfully refer you to the accompanying report of the Superintendent, and also for details and expenditures of the appropriations made by the Sixteenth General Assembly:—

For improving grounds by grading and planting ornamental trees, making a good farm road across the valley south of the hospital, including bridge across the creek, and completing stone road to the railroad side-track, \$2,500.

For building a barn forty by one hundred and thirty feet, with substantial stone basement, frame sheds for sheltering stock, and for a cistern, \$4,200.

The barn accommodations are entirely too small. Most of the hay and grain has to be stacked. The plan proposed would place the barn upon a solid stone basement. The location is most convenient for using the basement for storing and sheltering farm implements, and for cattle-stalls.

For building blacksmith shop, \$1,050. The present old wood structure is small and insufficient to store the boiler and smith tools safely, while room is needed to store second-hand iron, piping, and other material, old iron, wrought and cast, that accumulates, and pays well

to protect. It can largely be built out of the best ashlar removed from the sub-basement and made a convenient and durable building.

For new building for smoke-house and for curing and keeping meats and fish, \$1,900. The estimates are for a brick building occupying the present site of the old wood apology, to be set over an ample root-cellar, which is much needed.

For enlargement of filter, \$2,800. To occupy place left vacant for this purpose and for a small addition to the pump-house at the lower reservoir. The water supply comes from spring and fall rains, hence the necessity of the enlargement of the filter, so as to prepare more rapidly the water for pumping into the reservoir, and so utilize the rainfall as to bridge over any ordinary drouth.

For dividing airing-courts and building pavilions, \$1,100. The same rules that require the classification of patients in the hospital wards, apply with equal or greater force when they are out foreexercise in the open air. Those who give strong hopes of final recovery should not be compelled to mix with the vicious and belligerent. The pavilions are needed as a protection from the sun, rain, and damp grass, and to give the full benefit of these airing courts, which have, in their present imperfect state, proved a great sanitary blessing to the patients.

For water-closets for dormitories and airing-courts, \$1,200. Eighteen dormitories have been reconstructed; the old lath and plaster partitions removed and replaced with brick walls, furnished with water-closets and with stone floors laid upon brick arches. The remaining twelve dormitories should be fitted up in the same way, and water-closets built in the airing-courts. These improvements we deem necessary for the common welfare and safety of the occupants and building.

For two drying rooms in the basement of the wings furnished with suitable steam fixtures, \$400. The Hospital, for washing and drying work, is divided into sections covering the whole weekly. In the extreme wings, occupied by the most uncleanly, this work is required to be done daily, and not unfrequently several times in a day. Suitable rooms in the basement, for this purpose, will provide for the daily cleansing of clothing and bedding, without increasing the supply on hand, or subjecting the same to mildew when laid away wet or damp. The extra labor now required for this work, aside from its utility and convenience, is a strong argument in favor of this improvement.

For hose and couplings, \$450. About thirteen hundred feet is needed to give a full supply; about one hundred feet to each fire-plug throughout the building and attics, thus placing this safeguard against fire all through the hospital building.

For wire mattresses and iron bedsteads, \$2,500. These mattresses have been used for some time in other hospitals, and some directors think they are cheaper than straw ticks. This view does not seem extravagant where changes of straw ticks have to be made several times in a week or oftener. They can be used with such bedsteads as are now in use, but in all the wards occupied by destructive persons, the iron bedstead will prove the most economical.

For general repairs, including reservoir walls, and banks, flooring, painting, window guards, steam pipe, etc., \$9,000. The reservoir walls in front of the hospital are broken, displaced, and damaged by the action of the frost four-fifths of the way around the circle. About the same proportion has sunk from one to ten or twelve inches. Four feet inland from this is a cemented wall which holds and retains the water. It will not do to allow this inner wall to be reached by the frost. The Board are not able to place an estimate upon the cost of repairing this wall. A full reservoir would seem the best protection, but the water supply and filtering power are insufficient to do this for only a part of the year. The enlargement of the filter will be a great help in this direction. The lower reservoir has been damaged by the burrowing of muskrats and minks. To repair this, a cemented wall will be required through the center of the embankment, for a considerable distance, down to the rock bottom. The ward and room floors have been in use twenty years. Some of them were originally laid with soft pine, and require relaying soon. We recommend the purchase of five thousand feet of suitable flooring to commence relaying those most worn. The roof, and all the outside wood-work, and window guards, need to be repainted, also some of the wards, and the barns. New window guards are required, and some new steam coils; also damaged and loose plastering needs repairing.

APPROPRIATIONS ASKED RECAPITULATED.

For balance to complete sub-basement.....	\$ 11,237.50
For improving grounds, planting trees, and grading.....	2,500.00
For building barn.....	4,200.00
For lumber room.....	450.00
For blacksmith shop.....	1,050.00
For smoke and meat house.....	1,900.00
For enlargement of filter.....	2,800.00
For division of airing-courts and pavilions.....	1,100.00
For water-closets for dormitories and airing-courts.....	1,200.00
For drying rooms in basement.....	400.00
For hose and couplings.....	450.00
For wire mattresses and iron bedsteads....	2,500.00
For general repairs.....	9,000.00
Total.....	\$ 38,787.50

The last General Assembly changed the time for drawing funds from the State Treasurer, from monthly to quarterly. This is inconvenient, and seems to the Board less economical, as we are compelled to purchase supplies on credit, which could not occur under the old law of monthly payments.

The Trustees also respectfully suggest, that the changing the time of the meetings of the Board, from the first to the third Wednesday of each quarter, would save much extra labor, and not unfrequently an adjourned meeting. In closing the reports of the present biennial period, no time intervenes between the last day of September and the first day in October, "Wednesday," when the trustees are required to meet.

What provision shall be made for the support and care of all the insane of the State, will be before the public mind until finally disposed of by further legislation. Are not all of this class of unfortunates equally entitled to the protection and care of the State, and to be supplied with attendants, proper medical treatment, comfortable quarters, and clothing, with wholesome food? If so, this cannot reasonably be expected in all county poor-houses. In some of these, they would be subjected to the necessity of occupying close cells, with little or no ventilation, or means of cleanliness, or proper attendance. We submit that such enlargement of the present hospitals as will afford all the room necessary for this purpose, will best harmonize with the moral sentiment of the people, and prove the most econom-

ical, requiring no additional expense for medical service and only an extension of the pipes for heat and ventilation.

Since the last report of the Board, Dr. Michael Riordan and Dr. Jennie McCowen have resigned, the former to give his attention to the general practice of his profession, and the latter on account of ill health. To take their situations, the Superintendent has procured the services of, and nominated to the Board, Dr. Morris S. Guth and Dr. Eliza B. Phelps, and they were elected and it is believed will perform meritorious services.

In closing this report, the Board desire to bear testimony to the able, vigilant, and untiring manner in which the resident officers are discharging their respective duties, and to the general good condition of the hospital.

T. WHITING.
SAMUEL KLEIN.
D. D. DAVISSON.

MINORITY REPORT.

WE, the undersigned members of the Board of Trustees, are unable to concur in all the recommendations of the foregoing report.

We do not doubt the necessity for more hospital room for the proper care and treatment of the insane of the State. The proposed enlargement of this hospital will not meet that want. Possibly a few more patients might be provided for in this way with less expense than in any other way. But when the question of making additional provisions for our insane shall claim legislative attention there are far weightier considerations than the mere matter of dollars and cents that should determine the future policy of the State in this regard.

As one of the undersigned was unavoidably absent at the time the foregoing report was adopted, and has not seen it, it would be manifestly improper to enter upon a discussion of the question without conferring with the other members of the Board, for which there is now no opportunity. Hence we will do no more than to enter our dissent from the views expressed by the majority of the Board upon that subject.

Some of the appropriations asked for could, in our judgment, without detriment to the institution, be omitted and others much reduced. We do not regard it a matter of necessity to build a barn at cost of \$4,000. In many respects it would be desirable and convenient to have sufficient barn room to store all the farm products and necessary fodder for the stock, but by no means indispensable.

We are not convinced of the necessity of enlarging the filter at a cost of \$2,800; nor do we believe \$2,500 should be expended for iron bedsteads and wire mattresses. Conceding, as we do, that the proposed change would be an improvement, we believe it should be made gradually, by making purchases of only so many as may be necessary to

replace those now in use as they may become broken or worn out, and for this purpose an appropriation of \$500, we think, would be sufficient for the next two years.

For improvement of grounds and grading an appropriation of \$1,000, we think, would answer every necessary purpose, and for general repairs a reduction of one-half the amount, in our judgment, should be made; making in all the appropriations asked for in the report for various purposes \$15,000 less than therein recommended.

L. E. FELLOWS.

M. A. CLEAVES.

SUPERINTENDENT'S REPORT.

To the Board of Trustees:

I HAVE the honor to present to you the tenth biennial report of the Superintendent of the hospital under your care. During the past two years we have endeavored to carry out the purposes for which the institution was founded, the cure and care of the unfortunate insane. While the cure of such patients as were susceptible of restoration to health has been our first object, I believe the scarcely less important duties of a hospital director and his assistants—the care of the incurable, who compose a large majority of the insane in the country in or out of hospitals, and alleviation of their condition when possible—have not been neglected. A good many obstacles, however, have stood in the way, or have arisen from time to time, which have prevented the realization of all our endeavors; but, nevertheless, a fair proportion of the cases of comparatively recent origin have apparently recovered, many others have derived more or less benefit—some in such degree as to enable them to go away and pursue accustomed avocations with tolerable success, and be at least self-supporting—while all have been comfortably lodged, and generously supplied with wholesome food suited to their various and varying conditions. The sick and those in delicate health, of whom there will be a considerable number in any aggregate of nearly five hundred insane persons, have had some such special attention as their condition required, at night as well as during the day; for those who were able and inclined light work in the field or garden has been provided, or their assistance in various indoor departments invited, opportunities that have been eagerly embraced by many; and for all there have been on numerous occasions agreeable exercises, and entertainments calculated to stimulate healthy and profitable mental action and enlarge the sphere of knowledge, to all of which the officers and employes have contributed unsparing efforts.

In this way the routine of hospital life and usage during the period has proceeded with a minimum of jarring, or discontent, and without the occurrence of any unusual or serious disaster.

Principal among the obstacles or hindrances to greater success and easy administration has been the crowded state of the hospital to a greater or less extent throughout the period, as, indeed, had been the fact for years before; and though I have had something to say on this topic in previous reports, and though it is so well known to yourselves, and the necessarily attending evils thereof, I feel impelled by duty to speak of it again. At the beginning of the period there were six hundred and eight patients lodged in rooms arranged for only three hundred! The number kept on increasing till in the following spring it had reached the almost unparalleled height of six hundred and thirty-eight—the average number of patients in the hospital for the month of April being nearly six hundred and thirty-two! By the transfer of fifty patients to the hospital at Independence, setting off five counties to that hospital district, and the removal by the county authorities, upon order of your Board, of sundry incurable patients, generally those who had been longest resident in the hospital, the number gradually declined to four hundred and twenty-two, the lowest since my last report, which was reached in the latter part of January of the present year. From that date the number has been again rising pretty steadily, and we close the period with four hundred and eighty-two under care.

The disadvantages in general, and the injurious results in many single cases, of such crowding together of patients presenting almost every phase and condition of insanity, with such limited facilities for classification that the convalescent, quiet, and refined are with difficulty kept from contact with those possessing every opposite quality, or those calculated to exert a deleterious influence, are well known to those having much acquaintance with insanity and hospitals for the insane, and may be somewhat appreciated by almost any one who brings to the consideration of the subject a little reflection. All the injury that can flow from a crowded hospital—from the influences that a hospital director will do his utmost to avoid—to retard or prevent recovery, or any degree of improvement possible in better surroundings, has been felt or witnessed every day for the past ten years. It is certain that through such conditions recovery or improvement is greatly retarded, and I don't think it is too much to say that recovery may be

and has been prevented. I have before said that with existing arrangement, and the great number we are almost forced to provide for, we cannot effectually separate and isolate the violent, the dirty, the epileptic, the insane criminals whose influence is often of the worst kind possible, the too great number who are irritable and ill disposed, from those who are refined, sensitive, and inclined, or easily inclined if free from adverse influences, to not only do whatever they may for their own advancement but something to promote the welfare of others also. To think of such things being must surely lead friends of patients to hesitate to place them in a hospital till after other expedients have been tried, or violent and incurable disorder has become fixed in the mental constitution. That this sometimes happens is well known to me. And it is in this way, I have reason to believe, many of the incurable insane that have been or are yet under care have lost the chance of being cured, which is always fair at the outset, if the disorder is without serious complication, if the right remedial measures are applied. It is true enough that many persons stricken with insanity get well, or apparently well, through such care and treatment as they can have at home, or elsewhere than in a hospital arranged and organized for their treatment; but it is also true, in my experience, that a large majority will not so recover; and experience seems to show that persons who appear to recover from mental disorder under other than hospital treatment do not regain that mental integrity or cerebral condition which will enable them to encounter and resist as successfully influences well calculated to throw them off their balance again as those who recover in hospitals seem to do. Consequently we are frequently receiving cases that have had one, two, or three previous attacks, who for one reason or another (often the crowded state of the hospital or its need of classification, reports of which are swift of wing) have been deprived of the most certain means of relief the time and present constitution of society and general medical knowledge afford. If the necessary expense attending the management of insanity in the home of the patient in accordance with the results of, or in the light of the researches and deductions of modern study and experience could generally be borne, it would not be so often necessary or desirable, perhaps, to resort to hospitals for its care and cure as otherwise must and should be done. The skill required to prescribe useful medicinal remedies is not greater for this than for many or most other diseases of equal importance; and a fair endowment of common

sense and good acquaintance with general principles would be a sufficient guide to the selection and application of the proper moral influences and needful restraints. It is true, however, that it may often be more difficult to carry out medical or moral treatment out of a hospital than within it, but it can probably be very well done if cost is not a question for consideration. But it is obvious at a glance that but few can well bear the expense of suitable management of insanity in private families, extending as it does in almost all cases over a period of weeks and months; and it must, therefore, be wise public policy to provide such hospital room as will present a not uninviting appearance, and shall not be crowded with subjects presenting a repulsive aspect to those who may possess a delicately sensitive constitution, or one whose sensitiveness has been heightened by disease; having the architectural design and completeness that will prevent the embarrassment and mischief attending deficient classification, and afford the conveniences and privacy the wealthy are accustomed to and are willing to pay for; maintained upon a scale of expenditure that, while it affords the ordinary comforts and necessities of life, and suitable attention, for those who need only a minimum of care, will furnish everything that can possibly contribute to the care of those who can be cured, and the utmost degree of benefit that is possible to those not susceptible of complete cure. In other words, let sufficient hospital room, embodying principles growing out of the latest and best experience, be provided; give it due official and medical supervision; employ a liberal proportion of attendants of such high character as a liberal compensation, and a liberal compensation only, will command; remove or disguise whatever presents a dreary, cheerless aspect, by a tasteful, though not extravagant, furnishing, so that husband or wife, parent, children, brother, or sister, shall be promptly placed under hospital treatment upon the first invasion of mental disorder, as it is more likely they will be if the existing dread of hospitals, that has some basis in enforced economy to near bare subsistence, can be removed from the public mind; when, I certainly believe, recovery will be far more frequent proportionally, and far more permanent.

It is well known, and widely known, I suppose, that it costs individuals or the public far less to provide what is needful for the curable than to support the incurable—the proportion being not less, probably, than for every one hundred dollars for the former it will be one thousand dollars for the latter; and, if for no higher reason than a pecuni-

ary one, it could but be wise to provide liberally for the treatment of insanity during its early and only curative stage.

Excess of economy in not providing sufficient room for the treatment and care of the insane, and in reducing the cost of treatment and care to near the point of bare subsistence in ordinary life, has had the effect, it seems to me, to prevent recovery, and thus increase the proportion of the insane in the general population. It is not enough that they be fed and clothed, and kept warm and clean; if this were all there would be no problem to be solved that would not be of easy solution. Deprived of reason and discretion in some large degree, as a majority of the insane are—which is especially true of the chronic or incurable insane, prone to impulses not unfrequently of the most direful kind and to destructive acts, ever irritable and restless—a large proportion need a large amount of care, and a peculiar care—of a kind calling for the exercise of the higher qualities of head and heart, and the most humane care attainable for them, in public institutions which are a necessity of the time, for the protection of the public as well as a philanthropic prevention of suffering to families as well as individuals, is the very least the public will and should demand. It is required by the spirit of the age as well as by individual sense and feeling, for no one can know how soon or when himself or kin may need it; and all may be sure that while they cannot foresee it their standing is insecure. In addition to proper and humane care for the insane are many things that may be classed under the head of treatment, or curative treatment, besides strictly remedial agents or drugs, that would in life in general be called or classed as recreations, or even a superfluity, among which may be mentioned amusements such as dancing, concerts, games, lectures, magic lantern exhibitions, libraries and miscellaneous reading, social assemblies, carriage riding, etc., all of which in a moderate degree form a part of hospital life here, as well as in other hospitals. Without these accompaniments the necessary restrictions and limitations would become unendurable monotony, while with them residence in a hospital may be deprived of almost all that is dreaded and painful to bear, except the distress attending mental disease and fear of possible consequences, and even this distress and fear is greatly mitigated. It may therefore be seen that something more is expended than what is required simply for subsistence—food and clothing, cleanliness and warmth,—and it should be understood and admitted to be a wise and necessary expenditure, without which a hospital for the insane cannot be what it ought to be.

I would not be misunderstood; I regard a commendable economy as deserving the highest consideration, and I believe I try to prevent waste and avoid extravagance, but at the same time I maintain a hospital should be judged by what it can accomplish by a not unreasonable expenditure, by its general results, and not by the lowest scale of expenditure that will enable it to be carried on at all. If it be said we have expended something for some things we possibly could do without, for a while longer at least, I answer, it has only been done on the score of humanity, after careful consideration of what would be only a wise policy, and through the exercise of that discretion that must be in some degree conceded to a supervisory board, having in its keeping such important interests as cluster around a public institution like this. But I believe nothing has been expended in this way except what was quite necessary to supply deficiencies that ought not to exist any longer, or would in the end diminish the cost of supplies and afford increased facilities for easy administration of affairs.

In vindication of the financial management of the hospital hitherto, if any vindication is needed, it may be said that neither before the Code limited the amount that could be drawn and used in current expenses to twenty dollars a month, nor since, has that sum been drawn or expended, except during the few months while we were replacing the great loss by fire, a step of real necessity as well as wisdom, the alternatives being the discharge of patients and closing the doors of the hospital, or an extra session of the legislature. After that work was so far advanced that it could be used in part, it was not prosecuted further, and the amount drawn from the treasury was reduced to ordinary living expenses, though still a little above the present limit. This limit is, in my opinion, too low. Of course it is possible to curtail some expenditures I deem necessary, and meet your entire approval, I believe, and subsist on a less sum; it would not, however, I am sure, enable us or any one to carry on this work for much length of time and merit approval or meet public demands. Nor will the present limit of income meet some extraordinary repairs that will be needed during the next two years. These things are so well known to you, as well as some additions and improvements you have had under consideration, that I need not mention them in detail, and will only say that I hope all the means will be furnished that will be needed to promote the welfare of the patients the hospital will be called upon to take care of, and keep it in the front rank of institutions of its class.

EXPENDITURE OF SPECIAL APPROPRIATIONS MADE BY THE SEVENTEENTH GENERAL ASSEMBLY.

The sums appropriated as specified in chapter 148, Acts of the Seventeenth General Assembly, have been mainly expended under my immediate supervision, acting by direction of your Board. The foreman, who was employed in charge of the stone masonry, while rebuilding the engine-house, was employed to complete the clock tower, and afterward to commence the work of replacing the sub-basement wall, for which a partial appropriation was made by the Sixteenth General Assembly.

The reduction of the sums appropriated by nearly sixteen hundred dollars below our estimates of what was necessary—estimates quite carefully made—together with the cost of freight which was omitted in making up the estimates, and amounted to about one thousand dollars, has caused me some embarrassment, and made it necessary to do some work in a plainer, cheaper, and less substantial manner. The work, however, will be found, on inspection, so substantial, I think, as to be pretty satisfactory, and I think will be durable.

The clock tower was not carried up so high by a few feet as designed, and as would be desirable, but it only is a little too low to be well observed from the lower story of the east wing. The new bakery and mangle-room which are located in this new engine-house building have been conveniently fitted up and furnished, the former with a fourteen feet Vale rotary oven, a dough mixer, and cracker machinery; and the latter with a Baldwin hot cylinder mangle of the largest size. All this apparatus is very satisfactory in its operation, but I fear the oven may prove a little troublesome to keep in repair, but it does most excellent work.

This engine-house building proves to be most convenient, and affords us far better facilities than I supposed it possible we ever would have till the former building burned down. If we could have built it a half story higher, and thereby provided some convenient storage room, there would be little else to be desired in its arrangements. It is fire-proof, with the exception of the floors, which are laid on concrete, and will not readily burn with rapidity, and the roof which is covered with tin and painted. The only smoke-flues in it, one from the bakery, and one from the ironing room, are so carefully constructed where they are carried up through the roof that there is no danger from that source.

This work was completed during the summer and fall of 1878, and

was a necessary prelude to the reconstruction of the rear center immediately south of the chapel, for better conveniences and protection from danger of fire.

This building, about sixty by sixty-two feet, and four stories high, including the basement, containing cooking apparatus in the basement, with employes' dining-room, store-room, sewing-room, and male and female employes' sitting-rooms on the first floor, female employes' sleeping-rooms on the second, and male employes' sleeping-rooms on the third floor, and water-tanks in the attic, had settled unevenly so that its walls were badly cracked leaving openings into smoke-flues in two or three or more places between floors and ceiling. The sleeping-rooms were large for single persons, but too small for four or five who often had to sleep in them. No provision had been made for warming or ventilating them, and they were not conducive to health. The kitchen was too low and could not be as well arranged as it ought to be. There was good reason to believe there was great danger from fire in this quarter, but in the reconstruction the real danger was found to be greater than it was supposed to be, of which charred wood found near cracks opening into smoke-flues is sufficient evidence.

Having to use this building for cooking, and in part for sleeping rooms, etc., the change has been a slow and tedious one. Some unforeseen obstacles have added somewhat to the cost, and more of the cracked interior walls had to be renewed than was expected before we entered upon the work, and none of the flooring could be raised in a condition fit to relay as I hoped for. In the work of reconstruction a stone-step stairway was set to reach the first floor from the basement, and continued in iron work to the attic. A separate stairway, also of iron, was constructed to lead to the apartments of female employes on the second story.

Throughout the building ample heating and ventilating flues have been put in, the latter extending well up through the roof. Two new smoke flues were also arranged for, as needed, in connection with partition brick walls that must be renewed. Heating coils will be set in the basement, and each one will receive its supply of fresh air through a connection made with the main fan-duct leading under the center building to the wings. The large rooms occupied by several employes in common have been divided each into three or four single rooms by partition walls built of blocks of concrete composed of plaster of paris and cinder—one part of the former to two of the latter. These par-

tion walls are six inches thick, and are only about three-fifths as heavy as brick masonry of the same dimensions; and while they occupy less space than ordinary brick walls they are not heavy enough to deflect the not very heavy iron beams on which they rest. The blocks of concrete being smooth and of uniform thickness do not require a coat of plaster, but a hard finish coat can be directly applied and leave a very good finish; or, if preferred, a thin coat of plaster mortar can be floated on the wall and then finished in the usual way. As it was not practicable to give to each sleeping room a hot-air flue, these partition walls were not carried quite up to the ceiling, which will allow an equal distribution of the heat supplied to each story through openings near the ceiling. This distribution of heat will be aided by an arrangement for ventilating each room through a perforated base board and small channel under the floor leading to larger ventilating ducts which pass up through the roof. The energy of these ducts can be increased to any desired degree if necessary by means of a steam coil in a recess made for the purpose.

Advantage was taken of the opportunity to increase the height of the basement, which will be of lasting benefit, and alone would nearly justify the cost of the whole work. This is only one of the numerous advantages, however, that will be derived from this change, and will be felt as long as the hospital shall be used for this purpose. But of far more importance than all else is the security it will give from the danger from fire at the most exposed point on the premises. And now, having so large a portion of the administrative department in so safe a condition, it would seem to me wise to put the remainder into like condition of security, and thus prevent such a complete destruction of the building as has happened in Missouri, Nebraska, Kentucky, and Ohio, within a few years.

The work is approaching completion at the date of this writing and will probably be completed with the resources that may be used for the purpose.

The appropriation for water-pipe was used to run a separate pipe from the steam pumps to the basement of the main building, with a branch to each story of the main building, and each ward, and into each attic, to which the best gum hose is kept constantly attached. The sum granted, being less than the sum estimated to be necessary, proved to be too small to procure all the hose required. If additional hose is purchased it will be practicable to have a powerful stream, or two or three streams of water playing as soon as an alarm can be given

in the boiler-room where a pressure of steam is kept up throughout the day and night. I deem it very important that this probably very efficient safeguard be rendered as complete as possible by the purchase of additional hose with the least practicable delay.

The appropriation for kitchen furniture has been expended for two new cooking ranges, one boiler, and four vegetable and soup steamers, and a few kettles, pans, etc. This sum was also smaller than we well knew was needed, and we are, therefore, obliged yet to use two large jacketed kettles that are so nearly worn out as to be almost worthless, and are only used with a large waste of steam. Means for procuring something in place of these almost useless articles must be provided soon.

The laboratory, for which an appropriation was made, is not quite completed, but probably will be some time in October. A portion of the appropriation has been used to purchase apparatus for pathological and chemical researches, and these have been used to some extent. It is found to be impossible to carry on this work as we desire to do in the business office, and we will have no other place till the laboratory can be completed.

It has been found necessary, for reasons given in the foregoing account of the improvement of the rear center—the unforeseen obstacles and imperfections encountered—to apply the contingent fund for the completion of that improvement. And, as before remarked, it will probably afford just the amount required for the purpose.

The Sixteenth General Assembly appropriated five thousand dollars for the replacement of the sub-basement wall of the hospital, after Messrs. Piquenard and Finkbine had examined the wall and reported that the work ought to be done. The estimated cost was sixteen thousand two hundred and thirty-seven dollars and fifty cents. Their report may be found on pages twelve and thirteen of the Eighth Biennial Report.

Owing to the necessity for expending so much money to rebuild the engine-house, and the lack of cash in the State treasury, it was deemed advisable to wait till a more favorable period before expending any part of that appropriation. Believing it would not be proper to wait longer before beginning the work, and it being necessary to replace the foundation of the rear center building before putting in the heavy iron beams and arching in its interior, a commencement was made in the summer of 1878. The process has been to first shove up the walls above the water-table carefully, with heavy timbers, kept at a strain by means

of jack-screws, and then take out the imperfect water-table and ashlar beneath. Before the beginning was made it was supposed the inner wall or backing of the ashlar was good enough, but this was found to a considerable extent not to be the case, and so to a large extent the entire wall has been taken out and replaced with material that is believed to be durable. Where the inner wall behind the disintegrating and riven ashlar was found to be sound and composed of large rock, occasional openings were made and heading ashlar put in to hold the new and old wall well together. The face of the work as it appears consists of a base course of twelve inch rock with a two inch wash, surmounted with three feet of broken range work, on which rests a ten inch water-table with a four inch wash. So carefully has the work been done that no new crack has been observed and no appreciable settling, except in one place where the wall has cracked badly from previous settling and slightly parted from connecting interior walls, but even at that point it is probably left in better condition, than it was before, against future settling. With the sum appropriated, between one-fourth and one-third of the sub-basement wall has been renewed. In my judgment the portion renewed is the least expensive portion of the work. The remainder will cost somewhat more proportionately, especially that portion under the circular bay windows of each wing. The remainder of the foundation is weakening rapidly, and I think a sufficient sum should be appropriated by the next legislature to complete the work. It is not probable the work will be completed for the sum estimated, but I expect the cost will not exceed the estimate by a very large sum. A foreman, at ordinary foreman's wages, was employed to superintend the work at the beginning, but I think that may not be necessary hereafter, and if not perhaps the cost will be reduced by a little.

ORDINARY REPAIRS AND RENEWALS.

The wear and damage and destruction about hospitals for the insane of this size, appear considerable—even unduly large, perhaps, to those practically unacquainted with its affairs—when looking at aggregated expenditures as displayed in their financial reports. And it is true the sum total is a large one, but perhaps not larger than upon reflection would appear natural or inevitable when the real character of a large proportion of the population of such an institution is taken into consideration, and yet, perhaps, not very much larger in proportion than

is necessary in the population at large. Still it is larger, probably, for many insane persons are peculiarly mischievous and destructive, while the mechanical appliances and fixtures are disproportionately larger than is necessary for the same number in the general population, and here, everything of the kind, *i. e.*, of repairs, appears as an item of expense, while many things of the same kind done by individuals elsewhere, though costing really just as much, does not so appear.

The longer the period that has elapsed from the opening of a hospital the greater, as a rule, within certain limits, will be the cost of repairs; but this outlay is not confined to this class alone, for I find in the financial report of a hospital not yet completed, for the biennial period preceding this one, there was charged for "repairs and improvements," more than four thousand seven hundred dollars, and the institution referred to has so far been constructed with far more care and at far greater expense than was the case here, having already cost twice the sum, not including land, that had been expended upon this hospital when its construction account was closed.

A large proportion of the outlay for repairs in this institution has been to remedy original defects both of construction and location, and there is more of the same kind of work to do. A few more studding partitions remain that not only call for frequent repairs, but are harbors for rats, and dangerous fire-traps. They should be replaced without delay with substantial walls, as has already been done in part, to our great comfort, advantage, and general security. When this change is made, a change in the system of ventilation from upward to downward should be made where it has not already been done, *i. e.*, so far as to receive fresh and warm air at a point above the center of the wards and rooms and discharge it at or near the floor, in accordance with principles well established long before the hospital was built, and which, in my opinion, should have been incorporated here. As it is, the fresh air flues being near the floor, and the ventilating flues near the ceiling, the warmest air in winter rushes out and the cost of heating is much enhanced, while patients with diseased pulmonary secretions, decayed teeth, and who chew tobacco, will sometimes spit in these fresh air flues rather than take a dozen steps to reach a spittoon, and thereby contaminate the air all must breathe. On the contrary, if the lower flues were discharge or ventilating flues no such disagreeable results would ensue. These alterations, I am well aware, are not to be reckoned as ordinary, or a legitimate charge to current expense ac-

count, but it is convenient to speak of it here as something needing to be done; and when it is done the annual cost of repairs will be in some degree diminished.

The roof and cornice are a source of perpetual expense. Both are of galvanized iron, and neither will hold paint well. The former had become corroded in places and leaky before paint was applied; and every year the ice which makes in the overhanging cornice gutters makes extensive breaks, allowing the water to run down both the outside and inside of the walls. The roof and cornice, all the outside wood work and the window-guards, and the barns will need painting during the next year or two. Several wards will require painting also. All the old window-guards were light, brittle, and afforded little security. Many have been broken, and these we have replaced with a more substantial and improved pattern; and more work of this kind should be done during the coming year. The floors in many parts of the building were poor in the beginning, and they have become much deteriorated by use—the hard usage that is the result of the characteristics and habits of many patients; and to a large extent the floors need renewing. Some of the material was of soft pine, which is quite unfit for hospital use. This work ought to be begun at once, for it will require some years for completion. Glass, furniture, crockery, utensils of all kinds, steam and water pipe and fittings, plastering, etc., suffer destruction, or become in one way or another unfit for use in hospitals to a degree that nowhere else obtains.

All these repairs and renewals have been kept up pretty well, though some matters of the least pressing necessity have been deferred to the future. Besides the multitude of smaller matters that have received attention from day to day, a few of the larger items of expense were the renewal of the food car track from the kitchen to the end of each wing. This track had been laid on wooden rails, and it could never be kept well in place on account of shrinking and swelling at different seasons of the year, often resulting in throwing the car from the track and the spilling of food. It had been repaired from time to time, but had at length become utterly unserviceable. Instead of renewing it with wood, stone flags were used to which the iron track is fastened, and the car runs on the new track with a steadiness and security not before attained. Of course this cost more than a wooden support for the rails, but it must be far better in the end. The market hall floor was also in a dilapidated condition, and the need of a substantial floor

in that place was imperative, and a durable stone flagging floor has been laid. The settling pond in our system of water supply had become quite filled up with deposit, and an adequate supply of water could no longer be obtained. The removal of this mud—between six and seven thousand yards—occupied several weeks; and though our own teams were employed in this work so far as they could be spared, and patients assisted in that portion of the shoveling that was not too heavy for anybody but stout laboring men, the direct outlay was not far from twelve hundred dollars.

Gradually the repair of the mud road over which we have to haul supplies—sometimes quite impassable for loaded teams—has been slowly carried on, and it is to be hoped that, in the course of two or three years, we may have a solid road-bed to the side-track, nearly opposite the Washington street gate, which the railroad company has kindly built for our use without expense to us. In making this substantial repair, a flag-stone crossing to connect the entrance gate with the sidewalk on the opposite side of the street, was constructed for the convenience of persons afoot visiting the hospital when the street is muddy and difficult to cross, as it has been much of the time at certain seasons of the year. To all the repairs and renewals I have given a good deal of personal attention, as well as to carrying on the work for which appropriations were made by the legislature; and it has been my aim, while endeavoring to do the work economically, to do it in such a way as to call for no more expenditure of the same kind for some time to come.

ANTICIPATED REPAIRS AND RENEWALS.

In addition to those already suggested as needed—repainting, new floors, and new window-guards—the ice-house and cold room will probably require new roofs, the main sewer at its termination rebuilt where it was washed out by high water, and at two or three points where it has been undermined by rats, the reservoir walls extensively renewed where the stone has been broken and displaced by frost, new doors in place of several that have been so injured as to be insecure, and new locks for the outside, attendants' and dining-room doors of the east wing, are those that are at this time most apparent. It is also probable that a scaffold should be built to enable an examination of the top of the smoke and ventilating stack, which was struck by lightning last summer and one of its large cap-stones thrown down.

And I would submit for your consideration the question of the propriety of attaching conducting-rods to prevent future accidents of the like kind. It should also be mentioned, that, at the point where the fresh air duct and the ventilating duct pass under the foundation-wall of the third section of the east wing is a vein of water, but a few feet below the surface, and standing water is found in these ducts during most of the year, and this should be drained off to the east. If the addition to this wing that has been proposed should be built, this needed drainage could be carried out with less expense than in any other way.

CONTINGENCIES.

One considerable expenditure that has contributed to swell current expenses during the past two years was the building of a new boiler. The four boilers that had been in use were never quite adequate to the work required of them; and in the coldest weather of winter, especially if long continued or accompanied with high wind, we could not make all parts of the house comfortably warm. It is a fact that patients have suffered in consequence, and had reasonable ground of complaint. This was known to your Board and to the Visiting Committee, and was the basis of your recommendation that an additional boiler should be provided; and not only on the ground of humanity to this household of patients, but on that of safety and the avoidance of a possible calamity. These boilers had been in use, one ten, and three nine years, and had, up to the fall of 1878, had no expensive repairs—indeed, no repairs, except what was rendered necessary by the fire of the spring of 1876. The oldest, and the cheapest one of the three, had its fire-box and lower outside sheets considerably "scaled," and was not strong enough for effective use in extreme weather; and if it gave out, or either of the others, as they might, even if not to any greater extent than the disablement of a single flue, in any extreme cold weather, the consequences could but be most unpleasant, and really inexcusable, as this could be avoided. Accordingly a new boiler was built in the boiler-room of the best materials and in the most approved style of workmanship, and was got into use just as one of the older boilers became quite unfit for use till it was overhauled and repaired at a cost of more than three hundred dollars. We are now equipped with a heating apparatus that, with small repairs, will do good service for a score of years to come. This expenditure is justified, it seems to me, by every consideration of the health, comfort and gen-

eral welfare of the patients in the hospital, for if they could not be provided with sufficient warmth they could not bathe as often as health required, or be supplied with pure air to breathe, all of which are necessary to maintain health in a crowded hospital for the insane.

Another item of contingent or unforeseen expenditure arose from a failure to obtain our necessary supply of ice in the winter before the last from our premises, as we had been able to do mainly for several years previously; nor was it to be procured in this vicinity. Only being able to obtain it from a great distance, and then having to haul it from the cars on a drag to the entrance gate, the mud being too deep to permit its transportation in wagons outside of our grounds, it proved to be an expensive luxury, but a necessity nevertheless.

WANTS.

These may be divided into two classes: those which are of immediate and rather pressing importance, and those which can be postponed to a not distant future; all of which will require an appropriation by the legislature before they can be provided for. They are all so well known to you that it would be superfluous for me to speak of them here in detail, or adduce the reasons, obvious to you, why they should be provided for—any of them that in your judgment you will report for the consideration of the legislature. I will, however, venture to say, that, while I look upon the changes in the interior before mentioned—replacement of lath and plaster partitions with masonry, and improvement of ventilation—as having an importance quite out of proportion to the probable cost, everything which is needed to maintain our water supply, hitherto somewhat precarious, is of imperative necessity. And I can hardly refrain from adding that I feel a deep interest in the further improvement of the grounds—their grading and adornment with shrubbery—and the hope that this worthy object, which the public as well as the household of patients can appreciate and enjoy, may be deemed a suitable one for a moderate expenditure each year for several years to come.

ENLARGEMENT OF THE HOSPITAL.

It must be well known to a large proportion of the people of the State that the present hospital accommodations are quite inadequate to the public need. With an insane population of thirteen or fourteen hundred, there is hospital room for not more than seven hundred and

fifty. Of the remaining six or seven hundred one half at least, it is safe to say, need such care as they can only have in a properly organized and well conducted institution devoted to their care. A portion of this number are already in this hospital, constituting its surplus population, and are a class deemed mainly too violent or uncontrollable to be provided for elsewhere. To the extent that they crowd this hospital beyond its true capacity, its first and highest function, cure of the curable, is any practicable degree of benefit short of cure, greatly impaired; and when the surplus, as in this case, is so largely composed of the violent, destructive, noisy, and ill-disposed our best efforts are often well-nigh frustrated. A place for the cure of the incurable can be moderately crowded with less ill result than a hospital for the cure, or curative treatment of insanity. I cannot advocate an overcrowded asylum for the incurable; but it may humanely be said that the chronic insane as a class require less room, provided it is comfortably arranged and properly ventilated, than the class of recent cases from which alone recovery can be looked for. These should have every advantage known to be conducive to recovery afforded them; or, at least should not have preventable obstacles thrown directly in their way. As before remarked, the preventable obstacles we have had to contend with that seemed most injurious in effect have been crowded wards and deficient classification. It may also be added that by reason of a sifting process carried on for years to afford more room whereby the most quiet and tractable of the uncured class have been sent away, the general characteristics of the incurable class remaining are not unfrequently an obstacle to the best management of curable patients. This, however, naturally follows as the result of the preceding condition, and is mainly only present or absent with them; and each may therefore be considered preventable obstacles. Overcrowding should not be made necessary, and abundant means for suitable classification should be provided, so that noise and fury shall not deeply shock the sensitive and timid; so that the dirty or other offensive habits of a considerable class shall not offend the refined and orderly; which will separate and classify epileptics properly and afford them the full amount of attention that will protect them as far as possible from the accidents to which they are peculiarly exposed; give the melancholy and suicidal the special care and attention they require and will conduce to their welfare; surround the insane criminals and the homicidal insane with safeguards against danger to themselves or others; afford the quiet, orderly and industrious as much freedom as possi-

ble from chafing restrictions, and protect the convalescent from every adverse influence that can possibly tend to interrupt the process of cure, a process always requiring for the attainment of the most successful results such quiet and cheerful surroundings, as well as delicacy of management and tact, as can scarcely be understood or appreciated by the unprofessional public.

The Association of Superintendents of American Hospitals for the Insane have, without dissenting voice, expressed the opinion that in a hospital for the insane receiving and treating the curable and caring for the incurable, there should be at least a ward for each fifteen patients under care. This, I am fully convinced, is a large enough number for any ward, and it would often be desirable to have wards for a less number. Applying the above rule of experience to the number of patients in the hospital, we should have thirty-two wards, whereas we have but eighteen. It is true the above proposition of the association applies to a hospital for two hundred, or two hundred and fifty patients—the least number it is worth while to build and organize a public hospital for—but the ratio will hold nearly good for any higher number it may be desirable to have under one roof. Under such a classification almost every individual indication and necessity can be met and supplied, whether medical or social, as would be desirable, remedial or in any way beneficial, as can be done in no other way. It would effectually prevent numerous annoyances many patients suffer from to their lasting detriment, inseparable from a crowded hospital, or even one not crowded that has a too limited means for classification. Situated as we are, with an average of more than twenty-six patients for each of our nine wards for each sex, and yet practically, of a necessity—in order to secure any of the benefits of any degree of classification, or the greatest benefit from our limited facilities for classification, if we would still afford the public any accommodation beyond the number the hospital is arranged to accommodate—being obliged to have the classes range in number from fifteen to forty, while some are doubtless benefited, others must suffer. Such a course is necessary for the cure of some, and for the highest welfare or the reasonable comfort of others, though it is of course doubtful if any ought to be so situated as to have to suffer that the welfare of others may be promoted. Certainly where the State undertakes to provide for any of its citizens it should so provide that one shall not be benefited at the expense or suffering of another.

Again, the wards, if few in number, are more nearly alike both in

appearance of their constructive arrangement and furnishing, and therefore the great advantage that may accrue to individuals by changes during convalescence from one to other wards, having agreeable diversities calculated to turn morbid mental action into healthier channels, is lost. This I believe no one will gainsay who has seen and understands the profound influence mental impressions may have over bodily conditions, or who has carefully watched and become familiar with the delicate and interesting processes through convalescence to recovery from mental disease. The tendency in a large proportion of cases of insanity, I believe, is to some fixed, incurable form, both in and out of hospitals, and if this tendency is not checked or counteracted in the earlier stages, the future is well-nigh hopeless. That this is so cannot excite much surprise when the delicate and complex organization and structure of the brain is considered. Remedial measures, including medication and the moral treatment and restraint in modern hospitals as arranged and conducted, can do much to counteract the tendency to brain degeneration and chronic insanity, but even those that may be termed the best arranged hospitals, are inadequate to do all that can be done with better facilities at command. Here, as elsewhere very generally, we are tied down by inexpansive architectural structure, the work of inexperience chiefly, concerned with effect and display, and heedless of scientific requirements. Consequently we are less able to afford individual patients that individual treatment often so desirable, and so effectual in the management of insanity that can be cured. With but few wards, and one ward much like another, with its inevitable corridor and rows of rooms on either side, the patient going from one to another finds little else than to live, perhaps, a rather dreary monotony of sameness that gives no relief. New faces are there of course, but little of that variety of form, furnishing, occupation, diversion, inducements for self-control, all of which are desired in some degree by the sane as well as the insane, and are not needed more by the former than the latter.

Unfortunate as many of the embodiments of existing hospitals are, and to some extent irremediable, and not worthy to be copied as a whole, they are not all bad, I would not be understood to say, and they have been a great boon to suffering humanity throughout the length and breadth of the land. But this one especially can be provided with greatly increased facilities for carrying on its work for all time to come that it shall be used for its present purpose, with a moderate

outlay for enlargement, and for alterations that experience has demonstrated to be needed, or at least very desirable. Almost every neighborhood, and numerous families, are directly interested in this matter, for almost every neighborhood and numerous families in the State have been visited with the affliction this institution was designed to alleviate.

It being therefore urgently necessary—a fact widely conceded, I believe—that further provision for the care of the insane should be provided with the least practicable delay, I urgently recommend that one of the first steps shall be the increase of our facilities for that purpose by enlarging the hospital so as to afford three additional classes and wards for each sex. Such a step is entirely practicable, and can have no other effect upon the present structure than to give it more harmonious proportions; and it will afford much needed *room* alone, without regard to other advantages aforementioned, at a less cost, and in a shorter time, probably, than room can be provided in any other way. This point is taken on the ground that no addition will be required to the present administrative department—store-rooms, kitchens, laundry, bakery, pump, engine, and boiler-rooms, etc.—nor will it increase the official staff.

This proposed enlargement of the hospital—an extension in fact of six wards now existing, but too small to be maintained separately under existing circumstances—will add one hundred and twenty or one hundred and twenty-five beds in appropriate rooms, and not only relieve our over-crowded dormitories, but do away with the necessity for pallets on the corridor floors.

I estimate this enlargement and much to be desired improvement will cost, including furnishing, heating and ventilating flues, and heating apparatus, not far from one thousand dollars for each bed. Perhaps it may be less, but as in any enlargement it would be desirable to use cut stone to maintain uniformity, the cost will not be much less than one hundred and twenty-five thousand dollars. And though this may seem a large sum, I cannot but think the future advantages that will accrue from it will fully justify the outlay.

When this important and much needed addition to our facilities for the successful treatment of the curable, and the best management of those requiring a maximum of care, and attention is completed, or while it is going on, I advocate the erection of a detached building at a convenient distance from the main building for the probably incurable of each sex who require a maximum of care and restraint, each

building to accommodate one hundred, or one hundred and fifty patients, and be presided over by an assistant physician. This plan would add but one to the official staff; and, at the least, the baking, washing, and ironing could be done without adding much if anything to our present conveniences for these purposes. Doubtless, under a proper system of this kind, the female patients could perform no inconsiderable part of the work of all kinds in their department, while the male patients could, besides doing a good deal of the same kind of work indoors, contribute largely to the work of raising vegetables for household consumption, or assist to carry on any work on the farm. This will be substantially a separate “cottage,” or family system, or as near anything of the kind probably as is practicable, while securing order, system and due supervision. These structures may be as cheaply built as a plain, chaste style will allow, and yet be substantial, for the State, I suppose, cannot afford to build an unsubstantial structure for any purpose. I believe this will prove to be a better way to adequately provide for the insane needing public provision, than to build a separate and distinct institution for the chronic or incurable insane; and I doubt not, in this way, seven or eight hundred insane persons can be satisfactorily cared for at a minimum of cost.

INSANE CONVICTS.

In some of my previous reports I have called attention to what I can but deem a most unfortunate and unwise policy, the sending of the insane criminals from the Penitentiary of the State to this hospital. We have now received twenty-seven cases, including one re-admission, all males.

The following tabular statement shows results:

Admitted	27
Transferred to Hospital at Independence.....	1
Apparently recovered	1
Pardoned, and removed by friends.....	2
Eloped	5
Died	6
Remaining	12

The cause of death in two cases appeared to be the ill health and decline of chronic insanity; in three cases tuberculosis, and in one case valvular disease of the heart.

One case appeared to recover and was returned to the Penitentiary, but after a few months was re-admitted in a state of melancholia, with tubercles in his lungs, on account of which he gradually declined and died.

The five who escaped have not been heard from, unless one, as there is some reason to believe, was drowned in Skunk river. Two of these were unquestionably, in my opinion, cases of feigned insanity, and escaped shortly after admission, just as we were about to apply for their return to the Penitentiary, while a third was a case of doubtful insanity. We detected little or no intellectual or sensorial disorder, and about the only indications of insanity were general ugliness and a strong tendency to quarrelsomeness and malicious mischief, the apparent outcome of a long course of offenses against law and order, and criminal acts. We had no certainly authentic history of his antecedent life, but it is probable he had been in a reform school and in prisons in other states before he came to Iowa.

Of these remaining, five are persons of whom it may be said they are very troublesome, if not positively dangerous. Two have been maimed in conflicts they have provoked since they have been in the hospital, one is an adept in the act of making screw-drivers, false keys, and even dangerous weapons, without tools for the purpose, and all of them are necessarily under close surveillance, or seclusion, or the influence of medicines calculated to powerfully repress nervous excitability. The other seven remaining are more or less—generally a good deal—demented, and their emotional faculties, as well as the intellectual, having suffered much deterioration, they are now comparatively free from troublesome or vicious proclivities.

The wider my experience with the insane criminals or convicts, the stronger is the conviction forced upon me that under no circumstances should they be received into ordinary hospitals. In this opinion I am not alone. The cry comes up annually from a majority of the hospitals of the country, unfolding or recapitulating the ill effects of the present system of treating or caring for them in wards among patients from the population at large. Surely it would seem that general experience of this kind should be heeded and an effectual remedy provided. With a prison yet incomplete and in process of extension, it would be not difficult to provide for their proper treatment and safe keeping there. If this hospital should be enlarged so as to afford an improved classification that will add much needed facilities for the prosecution of its work so long as it may be used for its present purposes, accommodations for this class much better adapted for their care than those now existing could be provided here at a trifling additional expense. The former method, however, would seem to me to be the better one, inasmuch as insane convicts in general, present distinctive

characteristics which make them a class by themselves, calling for provisions for their safe keeping and the safety of others not required for the insane in general, or usually provided in ordinary hospitals for the insane.

CAUSES OF INSANITY.

The table of causes of insanity should have a deep interest for the public, if by securing it they may be avoided and mental health preserved. The matter is of sufficient importance, not only to individuals and families, but also to the State, to deserve more consideration than the proper limits of this report will permit. Want of proper attention to the subject is doubtless the source of a great deal of the insanity that exists from year to year, and may go on increasing in a ratio to cause serious reflection, not to say alarm, till some information is more widely diffused, interest in the subject increased, and sounder popular views prevail. If anything that can be said or done will diminish the frequency of insanity and its attendant suffering and consequences, or promote recovery, it surely will not be time or effort spent in vain; and though most I can say is but reproducing trite forms of speech out of the abundance that has been written, some light may possibly be thrown into quarters which, through ignorance and indifference, have been nurseries of insanity and its allied affections.

One result of an acquaintance with insanity, and a study of its supposed or alleged causes, is the impression that it is, in a large degree, a preventable disease. Upon first view this may appear a novel and not well grounded view, but the wider my study and observation in this field, the stronger is my conviction of its truth. Assuming, what is generally conceded, that a sound body—a healthy cerebral condition—will give rise to only healthy mental action, consistent with individual organization, and conceding that health *may* be the rule, and disease the exception, prevention of insanity by a wise and careful regard for the laws of health may be seen to be possible, if only those laws are known and understood. Fortunately they are not impenetrable or obscure, and are, mainly, easy of comprehension and practical application by any one who will make due inquiry, and bring to his aid a little reflection.

Living matter is exposed to the influence of numerous destructive or deteriorating agencies; the air we breathe, the food we eat, the superfluous luxuries we indulge in, the climate in which we live, may each

contain principles antagonistic to the vital forces, and singly or together conspire to their destruction. The more highly organized the condition of living matter the greater, probably, is its susceptibility to agencies that may interfere with or destroy function and vitality; and so the different organs in the animal economy are liable to take on disordered action and display disordered function from any of the crowding influences that interfere with vital processes, in proportion to the delicacy and complexity of their organization. Of all the organs or systems of organization of the body, matter exists in its most complex form in the brain and nervous system. Its relations with all the other organs are most direct and intimate; and upon the due performance of the functions of some of the other organs of the body its own integrity largely depends. Its relations to the blood-vessels, and the blood itself, are most intimate and important, and the effect of a diminished or redundant blood supply may be most momentous, while a change in its quality—diminished nutritive property, or the presence of uneliminated waste material, urea, bile, etc.—may be followed by consequences not less serious. While it supplies the nervous force that maintains functional and muscular activity, it requires in return for the due development of that force healthy function on the part of the digestive, assimilative and excretory organs. The brain, or certain portions of nervous matter, it will not be disputed, also furnishes mental activity, or gives rise to the phenomena we call mind; and its own healthy condition, as well as a healthy condition of its blood supply, and healthy action of various other organs, is as necessary for this function or property as for the performance of any other. Healthy, or disordered action of the brain, then, gives rise on the one hand to healthy, or, on the other hand, to disordered mental action—to that orderly, consecutive mental process under the control of the judgment and will which is called sanity, or the confusion and violence, exaltation and depression we call insanity. This disorder may be so slight or of such a character as to impair the physical functions in no very obvious degree, still it unquestionably exists, though we may not be able to see it, or detect it, and determine its nature by the unaided senses, or by any instrument to aid the senses. And this fact that so slight apparent disorder can give rise to such dread consequences should inculcate habitual care in the wise conduct of life and the avoidance of whatever can give rise to disorder or impairment of cerebral conditions. It is alike wonderful to think of how much the brain can do—what an amount of physical and mental force it can supply under fa-

voring conditions—of what it can endure from ill treatment and mismanagement, and still perform some of its varied functions—and how easily it will sometimes succumb to influences or causes apparently inadequate to bring about such an end. This may be accounted for in part by the difference in the quality and native constitutional organization of different individuals, for quality, constitution and organization are of as high importance and influence in considering the brain and its disorders, as is their relation to any other organ or system of the body. A good inheritance of cerebral soundness for generations has a value above rubies, but he that hath not this, let him take heed lest he fall.

The cause of insanity, as given in the table, number fifty-six for twenty-seven hundred and twenty-two cases out of a total of four thousand and fifty-three admissions. In the remaining thirteen hundred and thirty-one cases no satisfactory cause was assigned, and no very reliable history could be procured; four of the latter, however, were not regarded as insane. Unquestionably this table contains some things of little or no value, while on the other hand explanation is needed to display the really valuable and interesting facts that may be deduced from it. It must also be understood that it is based in a large degree upon the rather off-hand opinions of persons who gave to the matter too little consideration, or who were wholly unqualified to do better than seize upon some incident or manifestation of prominence at or near the invasion of insanity and assign it as the cause when in reality it was only a symptom or effect. In some instances where opportunity for inquiry has revealed a palpable error in the return a correction has been made, and the table may therefore be looked upon as having a semblance of reliability as far as it may be taken to show anything of value.

It is probable that insanity is not, except in a minority of cases, the result of a single cause. It may be so caused by some strong moral shock, and sometimes seems to be, as from fright, grief, or injury to the head, intemperence, loss of property, the puerperal condition and onanism, but even in some of these instances recorded in the table, perhaps in many, there were other conspiring or predisposing elements to favor development. More often it appears upon careful investigation that there was associated with a given cause serious ill health, or excesses of various kinds, or intemperence, or hereditary intemperance, or neuroses, so it would be more accurate to say the cause was business anxieties and hereditary predisposition, than to attribute it to

business anxieties, or heredity alone; and to these combined might be added in some cases intemperance, grief, loss of friends, etc. In truth, to ascertain the causes of insanity, or the cause in any given case, all the circumstances in connection with it, including antecedent life and ancestral inheritance must be carefully investigated; and whenever this is done cause therefor will always appear.

Of all the tabulated causes, those that are of the least value as a single or an associate cause are, in my opinion, religious excitement, disordered menstruation, and uterine disease. As numerical causes their potency is supposed to be in the order in which they are named. While I would not deny them influence as causative agents, I believe it has been greatly overestimated. It is not often, I think, that a person in good health, not over-worked, and possessing a fair education, is crazed by religious excitement, but persons with depressed or exhausted physical forces, weak minds, or possessed of an unfortunate hereditary proclivity to excitement or "nervousness," sometimes are; and it would be wise for such persons to always avoid sensational preaching, revival and protracted meetings, as well as other sources and scenes of excitement. Almost every year we receive three or four or more from this cause that probably would have escaped if they had been a little more prudent, or more fortunately constituted.

Disorders of menstruation, and organic diseases of the uterus are popularly supposed to have much more significance as causes of insanity than they appear to have as reported in our table of causes. I suspect the profession share in this popular belief, and have even done much to create and support it. Experience leads me to the conclusion that the popular belief is not borne out by facts. I am not willing to say I have ever met a case of insanity which was the direct sole result of disordered or suppressed menstruation. Cases have frequently occurred, however, in which a train of symptoms more or less intimately connected with, perhaps immediately following, some of these conditions were the first steps of a process that at length becoming associated with other disordered conditions has ended in insanity. But the associated symptoms when duly analyzed have usually been found to appear to be the most influential, without which insanity would not have appeared. Like any other morbid or abnormal condition of function, disorders of menstruation may end in almost any considerable disturbance of the health, not so directly, perhaps, as through an association of symptoms of other disordered conditions,

how neglected we may not exactly know. As a direct cause of insanity they are not, apparently, as influential as many others.

Uterine disease, by which is probably meant by those who use the term a wide variety of abnormal conditions, including displacements, appear to be by the table only a little more than half as influential as the disordered conditions considered in the preceding paragraph to give rise to insanity. This tabular statement is mainly based upon the popular and professional judgment, though it does not quite accord, I think, with the popular and professional view. As before stated the disorders of this organ, which are common enough and serious enough if we adopt certain professional views unquestioned, do not seem to directly cause much insanity. If, accepting the alleged frequency and serious nature of these affections, they had any such effect, insanity would surely be much more frequent among women than it is. Insanity as a reflex expression of uterine disease, not infrequently spoken of, I am not certain I have ever seen; and as long as I see cases alleged to be caused by disorders of this organ, with only a partial group of symptoms having any relation to it, without any such uniformity in the group of symptoms as to distinguish such insanity from other well recognized and described forms, I can but doubt its special value as a factor among causative agencies. The highest and widest influence of this organ, in any relation to the mind in health or disease, is, it seems to me, its effect upon or influence over the emotional faculties. In its gravid condition this influence is most apparent; while at the most, during its disordered conditions, it is far less apparent, and in ordinary health any such influence—nor any other influence over the mind—can scarcely be recognized. To the extent that its disordered conditions may affect or reduce health in general they may indirectly affect the mind unfavorably, and so cause obvious mental derangement; but the point I would make, which I think is borne out by experience, is, that the uterus bears no such relation to the nervous system, as is sometimes assumed or believed, as to give it prominence among agents causing insanity. That this may be so would seem to be a wise provision of nature, in order that its great function may be duly performed with the least danger of inflicting deteriorating nervous conditions upon the race. By anything I have said upon this subject I would not be understood as undervaluing the importance of any disorders to which this organ may be subject, for they may, any or all of them, lead to serious results, and it is as unwise to neglect their

proper treatment as to neglect any other disorder, to which the human body is liable.

Of the fifty-six causes given, to only twenty-eight, just one-half, are twenty or more cases assigned; to thirteen causes are assigned fifty cases and upwards, while only eight causes have given rise to one hundred or more cases.

To business anxieties as cause of forty-one cases, we may very properly add: loss of property, thirty-two cases, and pecuniary anxiety, forty-one cases; to disappointed affections, forty cases, other disappointments, twenty-two cases; to injury of the head, sixty-five cases, fright, twenty-four cases, and sun-stroke, twenty-nine cases, for these latter cases have many characteristics in common, and the action of these causes appears to be alike largely in the nature of shock or concussion; to domestic trouble, one hundred and forty-six cases; ill treatment, twenty-three cases; to grief, loss of friends, seventy cases; poverty, hardship, etc., twenty-five cases; and to connected with ill health, two hundred and seventy cases; loss of health in military service, twenty-nine cases; change of life, thirty-seven cases; typhoid fever, twenty-seven cases; uterine disorders including disordered menstruation, one hundred and forty cases; and then the table will stand thus:

LEADING CAUSES OF INSANITY.	Males.	Females.	Total.
Business anxieties.....	96	18	114
Connected with general ill health.....	163	340	503
Disappointments.....	27	35	62
Domestic trouble.....	51	118	169
Grief, loss of friends, etc.....	21	74	95
Injuries of the head.....	103	18	121
Over exertion and excessive study.....	80	28	108
Constitutional.....	53	44	97
Epilepsy.....	206	84	290
Heredity.....	83	86	169
Intemperance.....	196	23	219
Masturbation.....	216	6	222
Puerperal condition.....	.....	237	237
Religious excitement.....	75	55	130
Total of all.....	1,370	1,166	2,536

Here, then, we have twenty-five hundred and thirty-six cases out of a total of twenty-seven hundred and twenty-two in which the supposed causes were given, that may be tabulated under fourteen heads or classes of supposed or assumed causes, and which I would desig-

nate as leading or principal causes, in distinction to others which may be called minor or occasional causes. The number might be further reduced or modified with propriety, for unquestionably some of the cases described to sundry causes did not display symptoms of insanity till, through indifference, neglect; or carelessness, some degree or form of ill health or invalidism had become strongly marked, and even fixed in the constitution.

It is to be noticed that ill health stands first among the causes. It seems to be an important fact that it stands first, or among the first in point of numbers, in the reports from every hospital for the insane in the country, which tells a significant tale of imprudence, ignorance, and consequent neglect.

Prominent among the causes of the ill health, that is so often the forerunner of insanity, as indicated by the detailed histories sometimes obtained, may be mentioned the unremitting toil, especially in the agricultural class, sometimes from an undue ambition to acquire property or wealth; sometimes from inconsiderately incurring obligations circumstances render it difficult to discharge; sometimes from the thriftlessness attending the disadvantages springing from poverty and its depressing concomitants; and sometimes from the unforeseen or unprovided-for exigencies that seem to be inseparable from every pursuit. This seems to be more true of men than women, but they have the counterpart of this in the never-ending household labors and cares, to which may be added frequently recurring maternity, each recurrence a shock, perhaps, leaving a more or less indelible impression behind. If to these be superadded, as is not unfrequently the case, business anxieties and losses, disappointments, griefs, functional disorder of some organ, it is plain there is sufficient cause for disordered health in general, that proceeding unchecked may easily involve the nervous system and disorder the mind. No less injurious are the erroneous modes of living that are met with on every hand—erroneous and imperfect methods of preparing food, diet unsuited to individual conditions, the intemperate use of alcoholic liquors and tobacco, ill ventilated apartments, etc. It cannot be doubted that cookery in general is most imperfectly performed, and furnishes a large proportion of food illy suited for digestion, which in turn gives rise to conditions unfavorable for digestion and nutrition. In health the digestion of proper food proceeds unconsciously to the individual, and the process affords just the quality required for the due nutrition of the system and the reparation of the waste continually going on. When this process is

interfered with, all the vital processes suffer, disordered function arises, elimination is weak, deleterious matter is retained in the system, and the foundation is laid for almost any disorder, especially those of the nervous system, which is often the first to suffer from ill nutrition or an abnormal condition of the blood. Alcohol and tobacco play an important part in the derangement of digestion and function that precede or accompany so much of the ill health, temporary or protracted, whether it cause insanity or not, that is abroad in the community at large. I do not think the numerical strength given them in the table of causes is a tithe of the injurious influence they exert. Most certainly is this the case, in my opinion, with respect to tobacco. Both operate injuriously, first as an associate or predisposing cause, and secondly to create a condition to be transmitted to offspring and favor the development of nervous or some other disease in them. The diffusible stimulant effect of the former is more obvious, but any effect it may have is scarcely more injurious than the slow, steady, imbibition of a narcotic poison by the habitual chewers and excessive smokers that, in its concentrated state, may be followed by a deadly effect. I know it is common enough for the users of these articles to say, "I have used one or the other, as the case may be, for so many years, and I don't perceive any injurious effect upon myself." Still, if he does not, I believe it could be pointed out to him in a convincing way if he would be convinced; and convincing proof enough can be found in this, and perhaps every other hospital for the insane. The conclusion I have reached after many years' observation is, that both alcohol and tobacco impair the health, may directly cause insanity, give rise to a condition that may be transmitted as a faulty inheritance and organization, and, if they do not give rise to unquestionable disease tend to debilitate the mind and shorten life.

Hereditary influence is probably more important as a predisposing and exciting cause of insanity than appears to be the case in the tables. It is there only the assumed cause where there was known to be strongly marked hereditary inheritance of a tendency to insanity, without the presence of other cause or causes seemingly sufficient of themselves to give rise to insanity, where without the presence of the hereditary element mental health would probably have been preserved. In numerous other cases it has been an element that seemed to play a less prominent part, and yet perhaps been the one agent that caused disease. By hereditary predisposition or hereditary agency I do not mean alone the presence of insanity in parental ancestry, any other

nervous disease, epilepsy, chorea, etc., may be as potent to vitiate the constitution; and intemperance and all the vices, though working secretly and insidiously, are all powerful to set up conditions that shall be transmitted as nervous and mental defects. Such an inheritance is truly a fearful possession, the possible consequences of which it may not be possible to avoid, but which every one so unfortunately constituted ought to know will require the greatest care and the most correct living if these consequences are to be successfully avoided. Apparently this is a cause of insanity that is operating with increasing frequency. No care appears to be taken to avoid such results, and year after year persons, who, not only inherit a tendency to insanity or some nervous disorder, but have themselves been insane, are contracting unions and becoming parents only to add to existing suffering, poverty, and the burdens of society.

The other leading causes afford themes for profitable discourse and occasion may be taken in the future to consider them, and I would only further remark here that insanity is often but an evidence of a disregard or violation of the plainest rules of right living, and may to a large extent be avoided.

ADMISSIONS AND RECOVERIES.

The four thousand and fifty-three admissions that are recorded by number represent only three thousand five hundred and seventy-five persons. Three hundred and seventy-nine of these persons have been admitted from two to ten times. A large majority, three hundred and sixteen, have been admitted only twice; only one person has been admitted more than five times.

Excluding all readmissions from tabular computation the movement of population would be shown in the following table:

	Males.	Females.	Total.
Admitted.....	2,016	1,559	3,575
Discharged, recovered.....	618	518	1,136
Discharged, improved.....	273	228	501
Discharged, not improved.....	418	345	764
Died.....	463	296	759
Not insane.....	4	.....	4
Total discharged.....	1,776	1,387	3,163

The principal interest in the foregoing springs from experience going to show the liability to a recurrence of an attack of insanity in those who have been once insane. It is but an approximative result at best,

for doubtless some of those not readmitted have been subsequently in some other hospital, and probably some others have been in other hospitals before admitted to this one. I think, however, it is so nearly approximative as to be worth something. It is no more to be considered discouraging that a person who has been insane and recovers, heedlessly subjecting himself to the influence of the same or similar causes becomes again insane, or used as evidence against the curability of insanity in general, any more than the fact that a person who has recovered from rheumatism has a second attack from exposure to cold and wet is evidence against the curability of that disorder. Permanent recovery from any disease, or the preservation of health, depends chiefly upon the care individuals take to avoid the causes and sources of disease. It is probable that a person who has been insane is more susceptible ever after, however perfect recovery may appear to be, to any of the influences that may give rise to disordered action in the nervous system, and all such persons cannot be too cautious or too watchful. One fact in connection with the recurrence of insanity in those who have been here that seems to be of special importance, is, that in many cases it has occurred in persons who, through restlessness on their part, or impatience on the part of friends, were prematurely removed while convalescence was proceeding favorably, and before a sufficient degree of soundness had been attained to withstand the influence that had operated to cause a first attack. In other cases a like premature removal has checked convalescence and prevented recovery. It cannot with certainty be told, I suppose, just how long it may be wise and best for any certain person recovering from insanity to remain in the hospital, but it is safe to say they should remain as long as any progressive improvement is apparent, and I feel sure if this course were followed there would be fewer recurring attacks, and after two or three generations fewer cases proportionately to be attributed to hereditary predisposition.

The total of recoveries has been raised by the number of one hundred and seventy-three, by adding apparent recoveries from second and third attacks. Much care has been exercised to not swell the number of recoveries unduly; indeed to such an extent has this been carried that no inconsiderable number of those reported much improved we have subsequently learned were regarded by their friends as recovered, a majority of whom have continued to do well for years. On the other hand it is only fair to say that a few cases reported as recovered have not subsequently proved to be as mentally sound as

they were presumed to be. While we would always wish to place on record for individual satisfaction all the benefit any individual might derive from residence in the hospital, neither overestimating nor underestimating results, I believe, while without reliable statistics upon which to base a positive opinion, we have erred less often in the former than in the latter way.

A glance at the percentage of recovery, after various duration of insanity before admission to the hospital, shows the important and instructive fact that recovery from insanity bears a direct ratio to its duration. The largest percentage of recovery is obtained in those cases reaching the hospital within a month after insanity has made its appearance; while there is a steadily diminishing ratio till after a period of two years has elapsed, when the prospect of recovery is very small indeed. And four-fifths of the patients remaining in the hospital are of the class who had no special treatment or management till at least a year or two had elapsed, many of whom, so far as we may conclude from such history as we could obtain, had as fair prospect of recovery at the beginning as others. And it is not too much to say that, excluding from their number cases of epilepsy and paralytic disorder, as fair a proportion would have recovered as of those who came to the hospital earlier, instead of drifting into hopeless chronic insanity or dementia, as they have done, if only a different course had been taken. It is this class who largely cause the heavy burden of support, as it is called, and not so much those who resort to the hospital earlier and get well, a fact that seems to be of almost sufficient importance upon which to base some compulsory legislation.

The percentage of recovery in the most recent cases, fair as it is, would be increased by a considerable sum, I am convinced, if still more patience and perseverance were exercised in these cases. For some reason not certainly explained we see more capricious and unreasonable meddling, and more frequent removals before already foreshadowed results are reached, than in those cases where there has been such delay that recovery is only possible and scarcely probable. It is now so well established that insanity can be more successfully treated, and at the least cost, by a prompt removal from the surroundings in which the disorder arose, and many things which may have had much to do with its development, to any well regulated hospital liberally supplied with the well known useful and needful appliances that afford moral and hygienic management as well as suitable medical treatment, that the frequent delay in every quarter is well-nigh unaccountable. But

when the patient is once in the hospital and doing reasonably well, it is almost as unaccountable that reasonably well is not let alone till its best results can be obtained. However, it seems the signs of the times are a little more hopeful, and perhaps growing still more so, and I think we see more prompt resort to the hospital and more patient perseverance than we did six or seven years ago.

For the information of those interested enough in the hospital to wish to know something of its life and usages and are not familiar with what has already been published, I insert a few paragraphs from my last report respecting

HOSPITAL LIFE, AMUSEMENTS, ETC.

Hospital life is not that almost solitary, monotonous, dreary, or cheerless state or stage it has sometimes been pictured. If it has its dark and suffering shadows, as what severe illness has not, it has its shades of lighter hue also, and its periods of real enjoyment. Temper and temperaments of different individuals differ widely, and persons differ in their estimates of their personal experience here and in other hospitals, I suppose, as they differ in their temper and temperaments, or their estimates of anything else. The optimist and the pessimist are here found side by side, and neither, as usual, is quite right. While some stay with us cheerfully and willingly—even sometimes desiring to stay even longer than we feel it quite necessary to do, and thankfully acknowledge the benefit they have derived and the kindness they have received—others, with no more occasion for complaint, are dissatisfied with everything and grateful for nothing, and are chiefly occupied with schemes for obtaining their release or return home. And unfortunately they sometimes promulgate the grossest misrepresentations and misconceptions for solid truths. But for all those who will there is a way for much enjoyment. In the summer the men who are capable and willing, have opportunity for light work on the farm and in the garden, or about the administrative department; and the women have opportunities for doing some work in the sewing or ironing-room or in the kitchen. All classes are encouraged to assist in the general work of the wards. Some thus work in the forenoon and some in the afternoon; some on one day, and some on another. A large number engage more or less every week in croquet, or other out-door amusements. All the holidays and notable days of the year are observed in some special way for the interests of patients, and

to enable us to do so the public are excluded on these days. Walking parties of both sexes are abroad every pleasant day, and when it is unpleasant or inclement abroad, large numbers visit the green-house, to enjoy the exotic, tropical, and rare foliage and bloom always to be found there. During the winter evenings, or the long evenings from October to May, five or six each week are occupied with social gatherings or assemblies of some kind. On Monday, a social party of patients and their attendants in the officers' parlors; Tuesday and Friday evenings are devoted to exhibitions with the magic-lantern, and an explanatory lecture of views from most parts of the civilized world, of which we have a very good collection; Wednesday evening is occupied with a social dance, which amusement is kept up most of the year round. On Thursday evening is a meeting of the debating society, varied sometimes by music, recitations of poetry, or humorous prose, and sometimes by dramatic entertainments. This is also kept up during most of the year, and its success as a source of interest and amusement, it is proper to say, is largely due to the efforts of the assistant physicians.

The hospital library continues to be a source of unfailing interest to the large number who have a taste for reading. From this rapid sketch it may be seen that there may be some pleasant variety in hospital life, and that it may be made, and is made by many persons, highly useful to themselves.

Religious services in the chapel on Sunday afternoons have been regularly conducted by the chaplain during the period, with one or two exceptions. The chaplain continues to give the same satisfaction, and to manifest the same interest in his work as in the past. The services are attended often by nearly one-half of the household. A good choir is maintained by the officers and attendants, occasionally assisted by some patients, and the services are much enjoyed by all.

FARM AND GARDEN.

The products of both the farm and the garden, as will be seen from the appended statement, have given fair returns for the labor expended. These statements are for the years 1877 and 1878. At the date of this writing the crop of 1879 is not fully gathered, measured, and estimated, but it will be at least equal to the average of the two previous years. The potato crop is an exception, however, on account of the unusual drouth of the past summer.

The real worth of the garden products to us are greater than their estimated market value. If we had to buy them they would certainly not cost less, and their quality would not be as good, while to do without them would reduce diet to a very scanty variety. A good deal of the manual labor of putting in, tending, and gathering the crops has been performed by patients, and it has been both pleasurable and profitable to them. Besides the crops, the farm has afforded a good supply of milk—not at all seasons quite all we desired—but yet a reasonably good supply, and this is an indispensable article of use.

ACKNOWLEDGMENTS, ETC.

I gratefully acknowledge on behalf of the patients, to whom they have possessed a peculiar interest, the receipt of the following newspapers, which have been gratuitously furnished during the whole or some portion of the biennial period: Muscatine Weekly Journal; The Standard, Chicago; Dubuque National Demokrat (German); Friends' Review, Philadelphia; Vinton Eagle; Ottumwa Democrat; De Witt Observer; Glenwood Opinion; Gate City; Chariton Patriot; Ft. Madison Plain Dealer; Iowa Tribune (German); State Press; Henry County Press; Mt. Pleasant Journal; Marysville Union; Davenport Demokrat (German); Van Buren Democrat; Monona Gazette; Lucas County Republican.

Hon. S. J. Kirkwood sent a large collection of choice and rare plants. Chas. F. Blake, Esq., presented to the library a history of Wapello county, and Hon. M. L. Edwards a history of Henry county. Mrs. Throop has added to former gifts of plants for the green-house, and Mrs. L. M. Baker has given two pictures.

From time to time the patients have enjoyed the rare pleasure of listening to the delightful singing of Miss Alice Clark and Miss Sadie Turner, assisted by Miss Belle Chalfant, Mrs. Ella Dinwiddie, and Mrs. Mary Smith, and they could hardly have more enjoyable entertainments provided for them than these have been.

Geo. Josselyn, Esq., furnished the plans for the reconstruction of the rear center building, for a very reasonable charge, and some of his original suggestions were embodied in the work.

Mr. T. Mount, Mr. John Thomas, and Mr. Patrick O'Connell continue to render trustworthy and efficient service as carpenter, engineer, and fireman, respectively, and it is proper to mention favorably in this connection Mr. Jacob McCoy, who has butchered, cut and carved all the meat for nearly fourteen years.

Miss Mena Thrope, and Mr. Joseph Sutton, as supervisors, are untiring in their efforts to secure the welfare and well-being of patients.

Mrs. M. A. Blower, after nearly twelve years most faithful and valuable service in charge of the sewing-room, was obliged to relinquish work on account of failing health, and I believe she took with her, on leaving, the heartfelt sympathy of all. Miss Annie Blower has succeeded to the vacant place, and proves well qualified for the work.

Mrs. Mary Coddington in immediate charge of the kitchen, secures the cooking and distribution of food in so satisfactory a manner as to disarm complaint.

Ironing for the whole household is in charge of Miss Lizzie Snyder, and is done with neatness and dispatch, and she is to be commended for efforts to make it pleasant as well as profitable for patients to assist in this work.

Mr. Fred. Ackerman faithfully superintends the bakery, and the quality of bread furnished is hardly surpassed.

Mr. John Hall gives universal satisfaction in the not irresponsible place of charge of the washing.

Mr. Thos. F. Kellabar, dispensary clerk, left early in the period to graduate in medicine and enter upon the general practice of his profession, and was succeeded by Mr. L. H. Munn, who was unusually qualified as a pharmacist, who in turn has left to graduate in medicine, and has been succeeded by Mr. W. A. Ebbert, after rendering similar service in another hospital.

Dr. Michael Riordan, and Dr. Jennie McCowen resigned their positions as assistant physicians, the former to enter upon general practice, and the latter on account of poor health, and they have been succeeded by Dr. Morris S. Guth and Dr. Eliza B. Phelps, both of whom came well recommended, and are professionally qualified for their work. Mr. J. W. Williams, after three years service as an attendant and five years service as clerk and accountant, in both of which situations his attention to his work was most exemplary, resigned early this year on account of failing health. Mr. George McDonald has been assigned to do this same work, and has shown that he is fully competent.

Dr. Bassett has entered upon his fifteenth year of faithful service in the hospital, and I continue to be indebted to him for much of whatever success attends my administration.

To the attendants and all employes, with few exceptions, the public are indebted for much self-sacrificing and philanthropic labor in this field, and I cheerfully acknowledge the high value I can but place upon

the conscientious service they have rendered which has strongly tended to lighten the sense of responsibility I constantly feel.

To you, also, members of the Board, I must feel lasting obligations for your friendly counsel, and the support that springs from your visits of inspection, both at the stated meetings, and the monthly visits which are not announced.

Invoking such guiding light as we may have reason to expect from an overruling Providence, and hoping that I may profit by the experience of the past, I enter trustingly upon the work of another biennial period.

MARK RANNEY.

Iowa Hospital for the Insane, at Mt. Pleasant, Iowa, October 1, 1879.

STATISTICAL TABLES.

TABLE I.

MOVEMENT OF THE POPULATION.

	Males.	Females.	Total.
Number at the beginning of the period	318	290	608
Admitted in the period	286	183	469
Total present in the period	604	473	1077
Discharged—Recovered.....	96	73	169
Improved	35	31	66
Stationary	156	112	268
Died	49	42	91
Not insane.....	1	.....	1
Discharged in the period	337	258	595
Remaining at the end of the period.....	267	215	482
Average present during the period.....	282.02	243.52	525.54

TABLE II.

ADMISSIONS AND DISCHARGES FROM THE BEGINNING OF THE HOSPITAL.

	Males.	Females.	Total.
Admitted.....	2271	1782	4053
Discharged—Recovered.....	724	585	1309
Improved	311	260	571
Stationary	472	384	856
Died	493	338	831
Not insane	4	.....	4
Total number discharged	2004	1567	3571

TABLE III.

NUMBER AT EACH AGE WHEN ADMITTED IN THE PERIOD.

AGE.	WHEN ADMITTED.			WHEN ATTACKED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under 15.....	1	2	3	8	3	11
15 to 20.....	21	10	31	24	12	36
20 to 25.....	45	21	66	38	20	58
25 to 30.....	33	35	68	24	37	61
30 to 35.....	40	24	64	32	27	59
35 to 40.....	30	26	56	21	19	40
40 to 45.....	26	23	49	16	22	38
45 to 50.....	30	16	46	23	12	35
50 to 60.....	31	15	46	14	11	25
60 to 70.....	20	5	25	14	3	17
70 to 80.....	5	3	8	3	1	4
80 and over.....	1	1	2	1	...	1
Unknown.....	3	2	5	68	16	84
Total.....	286	183	469	286	183	469

TABLE IV.

NUMBER AT EACH AGE FROM THE BEGINNING OF THE HOSPITAL.

AGE.	WHEN ADMITTED.			WHEN ATTACKED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under 15.....	28	17	45	111	63	174
15 to 20.....	166	130	296	223	198	421
20 to 25.....	385	263	648	346	286	632
25 to 30.....	311	297	608	276	296	572
30 to 35.....	286	278	564	238	253	491
35 to 40.....	279	223	502	191	168	359
40 to 45.....	202	176	378	137	116	253
45 to 50.....	174	139	313	109	92	201
50 to 60.....	234	155	389	151	87	238
60 to 70.....	109	49	158	61	20	81
70 to 80.....	31	16	47	17	7	24
80 and over.....	7	1	8	2	.....	2
Not insane.....	.....	.....	.....	4	.....	4
Unknown.....	59	38	97	405	196	601
Total.....	2271	1782	4053	2271	1782	4053

TABLE V.

NATIVITY OF PATIENTS ADMITTED.

NATIVITY.	WITHIN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Maine.....	2	1	3	23	15	38
New Hampshire.....	2	1	3	10	9	19
Vermont.....	2	1	3	22	20	42
Massachusetts.....	2	...	2	32	19	51
Rhode Island.....	.....	.....	.....	6	6	12
Connecticut.....	.....	.....	.....	14	9	23
New York.....	14	10	24	160	129	289
New Jersey.....	2	1	3	15	7	22
Pennsylvania.....	15	21	36	187	134	321
Delaware.....	.....	.....	.....	1	2	3
Maryland.....	4	1	5	23	10	33
Virginia.....	5	5	10	57	42	99
North Carolina.....	1	.....	1	17	9	26
South Carolina.....	.....	.....	.....	4	5	9
Georgia.....	.....	.....	.....	2	1	3
Alabama.....	1	.....	1	2	1	3
Mississippi.....	.....	.....	.....	1	1	2
Louisiana.....	.....	.....	.....	2	1	3
Ohio.....	41	28	69	376	327	703
Indiana.....	24	15	39	171	141	312
Illinois.....	9	14	23	74	97	171
Kentucky.....	6	2	8	58	36	94
Tennessee.....	3	1	4	23	21	44
Missouri.....	6	1	7	39	20	59
Michigan.....	4	.....	4	12	6	18
Wisconsin.....	3	1	4	10	9	19
Iowa.....	45	34	79	220	170	390
Minnesota.....	.....	.....	.....	1	.....	1
Nebraska.....	1	.....	1	1	.....	1
Kansas.....	.....	.....	.....	1	.....	1
California.....	2	1	3	3	1	4
District of Columbia.....	.....	.....	.....	2	.....	2
New Mexico.....	.....	.....	.....	1	.....	1
Canada.....	5	3	8	36	15	51
Nova Scotia.....	1	1	2	2	5	7
New Brunswick.....	.....	.....	.....	1	.....	1
Great Britain.....	28	12	40	262	185	447
Germany.....	26	19	45	192	179	371
Austria.....	.....	1	1	4	2	6
Prussia.....	4	1	5	16	15	31
Holland.....	1	1	2	6	5	11
Denmark.....	2	.....	2	9	3	12
Norway.....	2	1	3	25	16	41
Sweden.....	9	2	11	48	22	70
France.....	2	.....	2	14	6	20
Portugal.....	.....	.....	.....	1	.....	1
Belgium.....	.....	.....	.....	2	.....	2
Switzerland.....	2	1	3	19	14	33
Netherlands.....	1	.....	1	6	1	7
Bohemia.....	6	1	7	15	14	29
New South Wales.....	.....	.....	.....	1	.....	1
Unknown.....	3	2	5	58	49	107
Total.....	286	183	469	2271	1782	4053

TABLE VI.

RESIDENCE OF PATIENTS ADMITTED.

RESIDENCE—COUNTY.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
	State at Large	46	7	53	220	56	276
Adair	8	1	9	12	6	18
Adams		3	3	7	9	16
Allamakee				13	20	33
Appanoose	5	5	10	33	24	57
Audubon	2		2	3	3	6
Benton				17	19	36
Black Hawk				14	13	27
Boone				12	12	24
Bremer				10	11	21
Buchanan				7	5	12
Buena Vista				1		1
Butler				4	5	9
Calhoun				1		1
Carroll				7	2	9
Cass	2	1	3	7	9	16
Cedar	4	7	11	27	39	66
Cerro Gordo				5		5
Cherokee				2	1	3
Chickasaw				8	7	15
Clarke	7	2	9	18	6	24
Clay				3	1	4
Clayton				27	17	44
Clinton	1		1	49	44	93
Crawford				10	5	15
Dallas	5	4	9	24	9	33
Davis	6		6	40	23	63
Decatur	6	5	11	26	22	48
Delaware				13	7	20
Des Moines	12	15	27	84	90	174
Dickinson				2	1	3
Dubuque				47	53	100
Emmet				2	1	3
Fayette				16	14	30
Floyd				6	5	11
Franklin				2	4	6
Fremont	1	3	4	10	15	25
Greene	1	1	2	8	13	21
Grundy					2	2
Guthrie	1	1	2	11	9	20
Hamilton				1	5	6
Hardin				7	9	16
Harrison	6	2	8	18	19	37
Henry	11	11	22	69	61	130
Howard				1	6	7
Humboldt				2		2
Iowa	6	3	9	32	28	60
Jackson				21	19	40

TABLE VI—CONTINUED.

RESIDENCE—COUNTY.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
	Jasper	9	5	14	52	45	97
Jefferson	9	9	18	57	52	109
Johnson	15	6	21	62	27	89
Jones				13	24	37
Keokuk	6	7	13	51	41	92
Kossuth					1	1
Lee	8	6	14	108	103	211
Linn				29	28	57
Louisa	3	3	6	33	27	60
Lucas	5	3	8	21	12	33
Lyon					1	1
Madison	6	3	9	36	21	57
Mahaska	8	5	13	43	37	80
Marion	6	1	7	67	35	102
Marshall		1	1	26	17	43
Mills	3	2	5	30	13	43
Mitchell				2	1	3
Monona	1		1	7	7	14
Monroe	4	2	6	37	16	53
Montgomery	4	1	5	20	8	28
Muscatine	8	7	15	44	36	80
O'Brien					1	1
Page	1	1	2	20	11	31
Palo Alto					2	2
Pocahontas				2	3	5
Polk	7	9	16	61	67	128
Pottawattamie	10	6	16	38	32	70
Poweshiek	3	2	5	15	26	41
Ringgold		2	2	6	7	13
Scott	5	5	10	51	73	124
Shelby	1		1	8	2	10
Story				7	7	14
Tama				11	6	17
Taylor	3	3	6	15	13	28
Union	1		1	7	7	14
Van Buren	5	4	9	53	51	104
Wapello	13	6	19	58	47	105
Warren	6	5	11	35	20	55
Washington	5	4	9	64	40	104
Wayne	1	4	5	12	13	25
Webster				5	5	10
Winnebago					1	1
Winneshiek				20	12	32
Woodbury				6	3	9
Worth				5		5
Wright				2		2
From elsewhere				73	52	125
Total	286	183	469	2271	1782	4053

TABLE VII.

OCCUPATION OF THOSE ADMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Agents	1		1	15	1	16
Apothecaries				1		1
Artists				2		2
Attorneys				3		3
Bakers	2		2	4		4
Bankers				1		1
Barbers	2		2	5		5
Basket-makers				1		1
Blacksmiths	2		2	25		25
Book-binders	1		1	1		1
Book-keepers	1		1	1		1
Brewers	1		1	2		2
Bridge-builders				1		1
Broom-makers	1		1	2		2
Butchers	1		1	5		5
Cabinet-makers	1		1	7		7
Carpenters	8		8	47		47
Cashiers	1		1	1		1
Chair-makers				1		1
Cigar-makers				1		1
Clerks	2		2	33		33
Colliers				4		4
Confectioners				2		2
Coopers				4		4
Dentists	1		1	2		2
Domestic duties		162	162		1546	1546
Druggists				2		2
Editors				1		1
Engineers				3		3
Engravers				1		1
Farmers	143		143	1059		1059
Gardeners	2		2	7		7
Grain dealers				1		1
Grocers	1		1	5		5
Gunsmiths				2		2
Harness-makers				5		5
Hat-braiders					2	2
Hotel-keepers				7		7
Hunters				2		2
Iron moulders				2		2

TALBE VII—CONTINUED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Jewelers				2		2
Laborers	48		48	442		442
Laundresses					1	1
Lawyers				7		7
Machinists				6		6
Masons	3		3	20		20
Mechanics				1		1
Merchants	4		4	30		30
Millers				4		4
Milliners					8	8
Millwrights				5		5
Miners	4		4	16		16
Musicians				3		3
No occupation	28	12	40	233	134	367
Not ascertained	2		2	46	19	65
Nurserymen				1		1
Pastry cook				4		4
Painters				4		4
Peddlers				6		6
Photographers	1		1	3		3
Physicians	1		1	8		8
Plasterers				9		9
Pork packers				1		1
Potters				2		2
Preachers	3		3	15		15
Printers	1		1	6		6
Saddlers	1		1	5		5
Sailors				5		5
Salesmen				3		3
Saloon keepers	1		1	5		5
Seamstresses		3	3		14	14
Servants		3	3		28	28
Ship-steward				1		1
Shoe-makers	3		3	21		21
Silversmiths	1		1	1		1
Soldiers	1		1	3		3
Speculators				2		2
Stage-drivers				1		1
Stock dealers				3		3
Students	3		3	16		16
Surveyors				1		1
Tailors	3		3	17		17
Teachers	2	3	5	15	28	43
Teamsters				6		6
Tinners				6		6
Traders	1		1	9		9
Wagon-makers	2		2	4		4
Watch-makers				1		1
Weavers	1		1	3	1	4
Wheelwrights	1		1	1		1
Total	286	183	469	2271	1782	4053

TABLE VIII.

CIVIL CONDITION OF THOSE ADMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Single	144	42	186	1166	603	1769
Married	131	122	253	988	997	1985
Widowed	8	16	24	77	155	232
Divorced	1	1	2	14	18	32
Unknown	2	2	4	26	9	35
Total	286	183	469	2271	1782	4053

TABLE IX.

HOW COMMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
By commissioners of insanity	279	183	462	1409	1037	2446
By judges of the circuit court				65	46	111
By clerks of the circuit court				36	26	62
By judges of the county court				490	462	952
By judges of the district court	2		2	13		13
By friends				174	169	343
By Governor's order	5		5	25		25
Private patients from other states and territories				59	42	101
Total	286	183	469	2271	1782	4053

TABLE X.

HOW SUPPORTED—OF THOSE ADMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
By the State alone	46	7	53	217	55	272
By counties	240	176	416	1817	1516	3333
By friends				179	169	348
By other states and territories				58	42	100
Total	286	183	469	2271	1782	4053

TABLE XI.

SUPPOSED OR ASSUMED CAUSES OF INSANITY.

CAUSES.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Abortion						2
Apoplexy	1		1	4	3	7
Blindness	1		1	3	1	4
Bodily injuries	1		1	13	3	16
Business anxieties	6	1	7	38	3	41
Change of life		7	7		37	37
Concussion					3	3
Connected with general ill health	23	17	40	118	152	270
Constitutional	4	5	9	53	44	97
Disappointed affections	2	1	3	16	24	40
Disappointment	3	1	4	11	11	22
Disease of the brain				1		1
Disordered menstruation		10	10		91	91
Domestic trouble	11	13	24	47	99	146
Epilepsy	20	2	22	206	84	290
Excessive study	1	1	2	8	2	10
Exposure to cold		1	1	5	2	7
Fright		4	4	10	14	24
Grief, loss of friends, etc	1	4	5	12	58	70
Hemiplegia					3	6
Heredity	7	8	15	83	86	169
Hysteria		1	1		5	5
Ill treatment					4	19
Injuries of the head	14		14	63	2	65
Intemperance	25	2	27	196	23	219
Jealousy		1	1	3	3	6
Lactation, protracted		1	1		7	7
Loss of health in military service				29		29
Loss of property	3	1	4	24	8	32
Loss of sleep				1	1	2
Masturbation	34		34	216	6	222
Measles				2	1	3
Meningeal inflammation					1	1
No satisfactory cause assigned	94	52	146	779	548	1327
Nostalgia	1	1	2	2	4	6
Not insane				4		4
Novel reading					1	1
Original defect	1	1	2	20	7	27
Over-exertion	17	4	21	72	26	98
Paralysis				6	3	9
Pecuniary anxiety				34	7	41
Political excitement				4		4
Poverty, hardships, etc	3	5	8	9	16	25
Puerperal condition		28	28		237	237
Religious excitement	4	6	10	75	55	130
Scarlet fever	1	1	2	2	2	4
Scrofula					1	1
Senility	2		2	15	4	19

TABLE XI—CONTINUED.

CAUSES.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Spermatorrhea				1	...	1
Spiritualism				5	5	10
Sun-stroke	3	1	4	27	2	29
Syphilis	1	1	2	19	4	23
Typhoid fever				16	11	27
Use of tobacco				1	1	2
Uterine disease		1	1	...	49	49
Vaccination				2	...	2
Venereal excesses	2	1	3	3	1	4
War excitement				3	...	3
Total	286	183	469	2271	1782	4053

TABLE XII.

FORM OF DISEASE IN THOSE ADMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Mania, acute	103	58	161	966	627	1593
Mania, chronic	78	45	123	610	473	1083
Mania, epileptic	16	1	17	181	84	265
Mania, puerperal .....	...	15	15	...	171	171
Mania, homicidal .....	...	...	...	15	...	15
Melancholia, acute	42	37	79	260	290	550
Melancholia, chronic	21	19	40	85	87	172
Dementia, acute	2	1	3	16	4	20
Dementia, chronic	19	6	25	118	42	160
Dementia, senile	5	1	6	15	3	18
Kleptomania .....	...	...	...	1	...	1
Dipsomania .....	...	...	...	...	1	1
Not insane .....	...	...	...	4	...	4
Total	286	183	469	2271	1782	4053

TABLE XIII.

COMPLICATIONS IN THOSE ADMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Epileptic	24	3	27	233	97	330
Apoplectic	2	1	3	9	6	15
Paralytic .....	...	...	...	20	7	27
Suicidal	23	19	42	115	130	245
Homicidal	7	2	9	59	18	77
Hereditary	15	18	33	241	270	511
Chorea .....	...	...	...	...	3	3
None	215	140	355	1590	1251	2841
Not insane .....	...	...	...	4	...	4
Total	286	183	469	2271	1782	4053

TABLE XIV.

NUMBER OF THE ATTACK IN THOSE ADMITTED.

NUMBER.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
First	198	127	325	1545	1205	2750
Second	30	26	56	233	235	468
Third	6	9	15	57	59	116
Fourth	3	1	4	18	8	26
Fifth	1	2	3	6	6	12
Sixth	1	...	1	3	3	6
Seventh .....	...	...	...	1	...	1
"Several"	11	11	22	131	126	257
Unknown	36	7	43	273	140	413
Not insane .....	...	...	...	4	...	4
Total	286	183	469	2271	1782	4053

TABLE XV.

DURATION OF INSANITY BEFORE ENTRANCE OF THOSE ADMITTED.

	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
	Less than one month.....	49	30	79	344	216	560
One to three months.....	30	26	56	358	350	708
Three to six months.....	27	24	51	200	212	412
Six to nine months.....	20	16	36	157	155	312
Nine to twelve months.....	8	11	19	50	53	103
Twelve to eighteen months.....	17	16	33	144	110	254
Eighteen months to two years.....	3	10	13	38	52	90
Two to three years.....	20	13	33	123	104	227
Three to four years.....	11	5	16	90	66	156
Four to five years.....	9	1	10	61	45	106
Five to ten years.....	13	8	21	124	111	235
Ten to fifteen years.....	9	5	14	67	35	102
Fifteen to twenty years.....	1	2	3	37	18	55
Twenty to twenty-five years.....	3	.....	3	15	6	21
Twenty-five to thirty years.....	.....	.....	6	2	8	8
Over thirty years.....	.....	1	9	5	14	14
Unknown.....	66	15	81	444	242	686
Not insane.....	.....	.....	4	.....	4	4
Total.....	286	183	469	2271	1782	4053

TABLE XVI.

RECOVERED OF THOSE ATTACKED AT THE SEVERAL AGES, FROM THE BEGINNING.

AGE WHEN ATTACKED.	NUMBER.			PER CENT RECOVERED OF THOSE ATTACKED AT EACH AGE.		
	Males.	Females.	Total.	Males.	Females.	Total.
	Under fifteen.....	11	9	20	9.90	14.28	11.49
Fifteen to twenty.....	102	84	186	45.73	42.42	44.18
Twenty to twenty-five.....	140	125	265	40.34	43.70	41.86
Twenty-five to thirty.....	108	109	217	39.13	36.82	37.93
Thirty to thirty-five.....	85	87	172	31.51	34.38	35.03
Thirty-five to forty.....	50	54	104	26.17	32.14	28.96
Forty to forty-five.....	55	32	87	40.14	27.58	34.34
Forty-five to fifty.....	36	21	57	33.02	22.82	28.35
Fifty to sixty.....	54	25	79	35.76	28.73	33.19
Sixty to seventy.....	9	1	10	14.75	5.00	12.34
Seventy to eighty.....	3	1	4	17.64	14.28	16.66
Unknown.....	71	37	108	17.48	18.87	17.94
Total.....	724	585	1309	.....	.....	.....

TABLE XVII.

RECOVERED AFTER VARIOUS DURATIONS OF THE DISEASE BEFORE TREATMENT FROM BEGINNING.

DURATION OF DISEASE BEFORE TREATMENT.	NUMBER.			PER CENT RECOVERED AFTER EACH PERIOD OF DURATION.		
	Males.	Females.	Total.	Males.	Females.	Total.
	Under one month.....	210	125	335	60.86	57.87	59.71
One to three months.....	190	187	377	53.07	53.42	53.24
Three to six months.....	96	94	190	48.00	44.33	46.11
Six to nine months.....	62	57	119	39.49	36.77	38.14
Nine to twelve months.....	14	21	35	28.00	39.62	33.98
Twelve to eighteen months.....	28	27	55	19.44	24.54	21.65
Eighteen to twenty-four months.....	3	9	12	7.89	17.30	13.33
Two to three years.....	7	4	11	5.69	3.84	4.84
Three to four years.....	6	3	9	6.66	4.54	5.76
Four to five years.....	3	1	4	4.91	2.22	3.77
Five to ten years.....	2	3	5	1.61	2.70	2.12
Over ten years.....	1	.....	1	.74	.....	.50
Unknown.....	102	54	156	22.92	22.31	22.70
Total.....	724	585	1309	.....	.....	.....

TABLE XVIII.

DURATION OF TREATMENT OF THOSE RECOVERED FROM THE BEGINNING.

DURATION.	NUMBER RECOVERED.		
	Males.	Females.	Total.
	Under one month.....	27	5	32
One to two months.....	43	27	70
Two to three months.....	63	48	111
Three to six months.....	221	174	395
Six to nine months.....	146	127	273
Nine to twelve months.....	82	60	142
Twelve to eighteen months.....	80	84	164
Eighteen to twenty-four months.....	27	21	48
Two to three years.....	25	28	53
Three to four years.....	5	7	12
Four to five years.....	1	2	3
Over five years.....	4	2	6
Total.....	724	585	1309

TABLE XIX.

WHOLE DURATION OF DISEASE OF THOSE RECOVERED FROM THE BEGINNING.

DURATION.	NUMBER RECOVERED.		
	Males.	Females.	Total.
	Under one month	2	2	4
One to two months	30	2	32
Two to three months	27	27	54
Three to six months	143	97	240
Six to nine months	146	137	283
Nine to twelve months	89	77	166
Twelve to eighteen months	100	93	193
Eighteen to twenty-four months	42	44	86
Two to three years	28	38	66
Three to four years	10	12	22
Four to five years	2	3	5
Over five years	10	6	16
Unknown	97	47	144
Total	724	585	1309

TABLE XX.

FORM OF DISEASE OF THOSE RECOVERED FROM THE BEGINNING.

FORM OF DISEASE.	NUMBER RECOVERED.			PER CENT RECOVERED OF EACH FORM ADMITTED.		
	Males.	Females.	Total.	Males.	Females.	Total.
	Mania, acute	550	323	873	56.77	51.51	54.76
Mania, chronic	40	21	61	6.55	4.43	5.63
Melancholia, acute	114	135	249	43.84	46.55	45.27
Melancholia, chronic	8	13	21	9.41	14.94	12.20
Mania, puerperal	88	88	176	51.46	51.46	51.46
Mania, epileptic	6	3	9	3.31	3.57	3.39
Mania, homicidal	3	3	6	20.00	20.00	20.00
Dementia, acute	3	1	4	18.75	25.00	20.00
Dipsomania	1	1	2	100.00	100.00	100.00
Total	724	585	1309			

TABLE XXI.

CAUSES OF DISEASE OF THOSE RECOVERED FROM THE BEGINNING.

CAUSES OR CLASSES OF CAUSES.	NUMBER RECOVERED.			PER CENT RECOVERED OF EACH CLASS ADMITTED.		
	Males.	Females.	Total.	Males.	Females.	Total.
	Connected with ill health	40	66	106	33.89	43.42	39.25
Heredity	36	31	67	43.37	36.04	39.64
Disordered menstruation	39	39	78	42.85	42.85	42.85
Religious excitement	42	27	69	56.00	49.09	53.09
Business anxieties	17	2	19	44.73	66.66	46.34
Grief, loss of friends, etc.	4	19	23	33.33	32.75	32.85
Masturbation	56	2	58	25.92	33.33	26.12
Novel reading	1	1	2	100.00	100.00	100.00
Domestic trouble	19	27	46	40.42	27.27	31.50
Puerperal condition	107	107	214	45.14	45.14	45.14
Loss of health in military service	16	16	32	55.17	55.17	55.17
Pecuniary anxiety	12	4	16	35.29	57.14	39.02
Disappointed affections	10	8	18	62.50	33.33	45.00
Spermatorrhœa	1	1	2	100.00	100.00	100.00
Over exertion	35	9	44	48.61	34.61	44.89
War excitement	3	3	6	100.00	100.00	100.00
Loss of sleep	1	1	2	100.00	100.00	100.00
Excessive study	3	1	4	37.50	50.00	40.00
Intemperance	77	12	89	39.28	52.17	40.63
Loss of property	5	2	7	20.83	25.00	21.87
Typhoid fever	6	4	10	37.50	36.36	37.03
Meningeal inflammation	1	1	2	100.00	100.00	100.00
Senility	1	1	2	6.66	6.66	5.26
Hysteria	3	3	6	60.00	60.00	60.00
Epilepsy	4	3	7	1.94	3.57	2.41
Injury of the head	23	23	46	36.50	35.38	35.38
Vaccination	1	1	2	50.00	50.00	50.50
Excessive use of tobacco	1	1	2	100.00	100.00	100.00
Constitutional	42	21	63	79.24	47.72	64.94
Uterine disease	14	14	28	28.57	28.57	28.57
Spiritualism	2	1	3	40.00	20.00	30.00
Fright	3	4	7	30.00	28.56	29.16
Disappointment	4	3	7	36.36	27.27	31.81
Change of life	10	10	20	27.02	27.02	27.02
Ill treatment	1	7	8	25.00	36.84	34.78
Original defect	2	2	4	10.00	10.00	7.40
Political excitement	2	2	4	50.00	50.00	50.00
Exposure to cold	2	1	3	40.00	50.00	42.85
Sun-stroke	10	10	20	37.03	37.03	34.48
Syphilis	4	1	5	21.05	25.00	21.73
Bodily injuries	2	3	5	15.38	100.00	31.25
Lactation, protracted	1	1	2	14.28	14.28	14.28
Paralysis	1	1	2	33.33	33.33	11.11
Measles	1	1	2	50.00	50.00	33.33
Poverty, hardships, etc.	2	4	6	22.22	25.00	24.00
Blindness	1	1	2	33.33	33.33	25.00

TABLE XXI—CONTINUED.

CAUSES OR CLASSES OF CAUSES.	NUMBER RECOVERED.			PER CENT RECOVERED OF EACH CLASS ADMITTED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Nostalgia.....	1	1	1	25.00	16.66	16.66
Jealousy.....	1	1	1	33.33	16.66	16.66
Concussion.....	1	1	1	33.33	33.33	33.33
Disease of brain.....	1	1	1	100.00	100.00	100.00
Venereal excesses.....	1	1	2	33.33	100.00	50.00
No satisfactory cause assigned.....	229	143	372	29.35	26.09	28.01
Total.....	724	585	1309			

TABLE XXII.

NATIVITY, ETC., OF THOSE RECOVERED FROM THE BEGINNING.

COUNTRY.	NUMBER RECOVERED.			PER CENT RECOVERED OF EACH CLASS ADMITTED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Maine.....	8	6	14	34.78	40.00	36.84
New Hampshire.....	4	2	6	40.00	22.22	31.57
Vermont.....	5	5	10	22.72	25.00	23.80
Massachusetts.....	11	6	17	34.37	31.57	33.33
Rhode Island.....	2	2	2	33.33	33.33	33.33
Connecticut.....	2	2	4	14.28	22.22	17.39
New York.....	47	37	84	29.37	28.68	29.06
New Jersey.....	3	3	6	20.00	42.85	27.27
Pennsylvania.....	60	49	109	32.68	36.56	33.95
Maryland.....	5	2	7	21.73	20.00	21.21
Virginia.....	16	16	32	28.07	38.09	32.32
North Carolina.....	8	2	10	47.05	22.22	38.46
South Carolina.....	2	2	2	50.00	50.00	22.22
Alabama.....	1	1	1	50.00	50.00	33.33
Louisiana.....	1	1	1	50.00	50.00	33.33
Ohio.....	132	126	258	35.10	38.53	36.69
Indiana.....	57	51	108	33.33	36.16	34.61
Illinois.....	32	34	66	43.24	35.08	38.59

TABLE XXII—CONTINUED.

COUNTY.	NUMBER RECOVERED.			PER CENT RECOVERED OF EACH CLASS ADMITTED.		
	Males.	Females.	Total.	Males.	Females.	Total.
Kentucky.....	14	12	26	24.13	33.33	27.65
Tennessee.....	2	6	14	34.78	28.57	31.81
Missouri.....	10	5	15	25.64	25.00	25.42
Michigan.....	4	2	6	33.33	33.33	33.33
Wisconsin.....	5	8	13	50.00	88.88	68.42
Iowa.....	91	76	167	41.36	44.70	42.82
Minnesota.....	1	1	1	100.00	100.00	100.00
District of Columbia.....	2	2	2	100.00	100.00	100.00
New Mexico.....	1	1	1	100.00	100.00	100.00
Canada.....	12	6	18	40.00	40.00	40.00
Nova Scotia.....	1	1	1	20.00	14.28	14.28
Norway.....	6	4	10	24.00	25.00	24.39
Sweden.....	16	4	20	33.33	18.18	28.58
Holland.....	1	3	4	16.66	60.00	36.36
Belgium.....	1	1	1	50.00	50.00	50.00
Bohemia.....	2	3	5	13.33	21.42	17.24
France.....	4	1	5	28.57	16.66	25.00
Portugal.....	1	1	1	100.00	100.00	100.00
Switzerland.....	5	3	8	26.31	21.42	24.24
Netherlands.....	6	1	7	100.00	100.00	100.00
Germany.....	43	40	83	22.39	22.34	22.37
Austria.....	1	1	1	25.00	16.66	16.66
Prussia.....	3	4	7	18.75	26.66	22.58
Denmark.....	3	3	3	33.33	25.00	25.00
England.....	17	18	35	30.35	34.61	32.40
Ireland.....	44	29	73	25.14	23.38	24.41
Scotland.....	10	2	12	45.45	40.00	44.44
Wales.....	3	3	3	37.50	25.00	25.00
Unknown.....	18	12	30	31.03	24.48	28.03
Total.....	724	585	1309			

TABLE XXIII.

DEATHS AND CAUSES.

CAUSES.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Chronic insanity	12	16	28	94	70	164
Exhaustion from acute mania	3		3	33	23	56
Typho-mania				7	6	13
Acute delirious mania	1	4	5	10	11	21
Melancholia with abstinence from food				12	10	22
Softening of the brain	1		1	3		3
Congestion of the brain				2	2	10
Organic disease of the brain				2		2
General paralysis				13	3	16
Apoplexy	4		4	29	15	44
Hemiplegia	3		3	1	1	4
Epilepsy	6	4	10	91	37	128
Puerperal mania				6		6
Suicide	1	1	2	9	7	16
Consumption	8	11	19	93	91	184
Congestion of lungs				1	2	3
Abscess of lung	1		1	3		3
Bronchitis	1		1			1
Typhoid fever					2	2
Intermittent fever		1	1	1	1	2
Congestive fever					1	1
Dysentery and diarrhoea		1	1	25	24	49
Cholera morbus				1	1	2
Chronic gastritis				1	3	4
Chronic hepatic disease				1	1	2
Strangulated hernia		1	1		2	2
Peritonitis					1	1
Diabetes				1		1
Dropsy	1	2	3	2	2	4
Disease of the heart				3	4	7
Uterine hemorrhage					1	1
Uterine disease					1	1
Erysipelas	1		1	4	1	5
Syphilis				6		6
Senility	3	1	4	14	5	19
Accident				1	1	2
Enteritis	1		1	2		2
Scrofula				1		1
Pneumonia				1		1
Obscure brain disease	2		2	5	2	7
Paraplegia	1		1	2		2
Cancer				1		1
Paralysis				3		3
Cerebro spinal meningitis					1	1
Pleurisy	2		2	3		3
Anematosis				1		1
Injuries received before admission				1		1
Pericarditis	1		1	1		1
Total	49	42	91	493	338	831

TABLE XXIV.

AGES AT DEATH.

AGE.	IN THE PERIOD.			FROM THE BEGINNING.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under fifteen	1		1	5	3	8
Fifteen to twenty		1	1	19	19	38
Twenty to twenty-five	3	4	7	49	36	85
Twenty-five to thirty	6	3	9	66	35	101
Thirty to thirty-five	3	4	7	52	56	108
Thirty-five to forty	8	9	17	71	48	119
Forty to forty-five	5	7	12	45	36	81
Forty-five to fifty	6	5	11	48	23	71
Fifty to sixty	9	5	14	56	46	102
Sixty to seventy	5	2	7	44	17	61
Seventy to eighty	1	1	2	19	8	27
Eighty to ninety	2		2	4		4
Unknown		1	1	15	11	26
Total	49	42	91	493	338	831

TABLE XXV.

RATIO OF DEATHS FROM THE BEGINNING.

PER CENT.	Males.	Females.	Total.

TABLE XXVI.

DURATION OF DISEASE OF THOSE WHO DIED, FROM THE BEGINNING.

	FROM ADMIS- SION INTO HOSPITAL.			FROM THE ATTACK.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under one month.....	69	47	116	18	17	35
One to two months.....	28	24	52	11	13	24
Two to three months.....	31	15	46	9	4	13
Three to six months.....	58	35	93	18	23	41
Six to nine months.....	42	19	61	18	24	42
Nine to twelve months.....	31	25	56	18	13	31
Twelve to eighteen months.....	44	27	71	45	24	69
Eighteen to twenty-four months.....	35	17	52	21	18	39
Two to three years.....	51	44	95	44	29	73
Three to four years.....	34	27	61	28	17	45
Four to five years.....	20	15	35	22	13	35
Five to ten years.....	42	32	74	71	50	121
Ten to twenty years.....	8	11	19	75	38	113
Over twenty years.....				19	6	25
Unknown.....				76	49	125
Total.....	493	338	831	493	338	831

TABLE XXVII.

REMAINING IN THE HOSPITAL AT THE END OF THE PERIOD.

AGE.	Males.	Females.	Total.
Fifteen to twenty.....	12	12	24
Twenty to twenty-five.....	27	9	36
Twenty-five to thirty.....	34	34	68
Thirty to thirty-five.....	37	27	64
Thirty-five to forty.....	38	34	72
Forty to forty-five.....	27	32	59
Forty-five to fifty.....	32	13	45
Fifty to sixty.....	31	38	69
Sixty to seventy.....	20	10	30
Seventy to eighty.....	3	1	4
Eighty to ninety.....	1	1	2
Unknown.....	4	2	6
Total.....	267	215	482

TABLE XXVIII.

REMAINING AT THE END OF THE PERIOD—DURATION OF DISEASE.

	SINCE ENTER- ING THE HOS- PITAL.			SINCE THE AT- TACK.		
	Males.	Females.	Total.	Males.	Females.	Total.
Under one month.....	8	8	16	1	1	2
One to two months.....	14	6	20	1	1	2
Two to three months.....	10	10	20	5	3	8
Three to six months.....	33	24	57	16	7	23
Six to twelve months.....	42	19	61	10	20	30
Twelve to eighteen months.....	28	21	49	22	13	35
Eighteen to twenty-four months.....	21	16	37	10	13	23
Two to three years.....	28	31	59	30	30	60
Three to five years.....	43	39	82	34	30	64
Five to ten years.....	30	28	58	37	31	68
Ten to fifteen years.....	8	9	17	12	16	28
Fifteen to twenty years.....	2	4	6	6	5	11
Twenty to twenty-five years.....				5	3	8
Twenty-five to thirty years.....				1	5	6
Thirty to forty years.....				2		2
Over forty years.....					1	1
Unknown.....				75	36	111
Total.....	267	215	482	267	215	482

DAILY AVERAGE OF PATIENTS.

1877 AND 1878.	1878 AND 1879.		
October, 1877.....	601.82	October, 1878.....	517.15
November, 1877.....	607.96	November, 1878.....	471.16
December, 1877.....	617.86	December, 1878.....	432.25
January, 1878.....	617.60	January, 1879.....	429.25
February, 1878.....	618.78	February, 1879.....	426.42
March, 1878.....	625.41	March, 1879.....	436.61
April, 1878.....	631.90	April, 1879.....	439.80
May, 1878.....	628.73	May, 1879.....	445.21
June, 1878.....	607.59	June, 1879.....	462.43
July, 1878.....	554.38	July, 1879.....	464.58
August, 1878.....	517.08	August, 1879.....	468.37
September, 1878.....	518.03	September, 1879.....	472.96

Daily average for the period, 525.54.

EXHIBIT

Of Expenditures of Special Appropriations by the Sixteenth and Seventeenth General Assemblies from October 1, 1877, to October 1, 1879.

RECEIPTS.

From balance on hand from appropriation of Sixteenth General Assembly, September 30, 1877.....	\$	732 67	
From Auditor of State.....		24,800 00	
From surplus iron beams returned.....		24 28	
	\$		\$ 25,556 95

EXPENDITURES.

For enlarging well (Sixteenth General Assembly).....	\$	155 74	
For airing courts (Sixteenth General Assembly).....		382 75	
For water-closets (Sixteenth General Assembly).....		194 14	
For repairing sub-basement (Sixteenth General Assembly).....		5,000 00	
For completion of new building.....		5,001 75	
For rear center and mangle.....		11,161 85	
For water-pipes (protection vs. fire).....		1,021 32	
For kitchen furniture.....		800 00	
For laboratory.....		1,038 86	
For contingencies (salary M. L. Edwards).....		109 31	
Balance October 1, 1879.....	\$		\$ 24,865 72
			691 23
	\$		\$ 25,556 95

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending October 1, 1878.

RECEIPTS.

From balance on hand October 1, 1877.....		\$	1,875 20
From Auditor of State.....	\$127,300 00		
From articles sold.....		1,859 37	
From private patients.....		1,003 13	
From interest on warrants.....		638 41	
From freight returned.....		36 08	
			\$130,836 99

EXPENDITURES.

For meats and fish.....	\$	8,557 63	
For breadstuffs.....		6,583 78	
For fruit and vegetables.....		677 24	
For coffee and tea.....		2,354 51	
For sugar and syrup.....		3,310 25	
For groceries.....		1,616 08	
For butter.....		4,693 70	
For cheese and eggs.....		1,001 21	
For mortuary expenses.....		129 75	
For medicinal supplies.....		3,858 58	
For postage and stationery.....		815 27	
For dry goods and clothing.....		7,961 67	
For library and diversions.....		1,648 52	
For furniture and furnishing.....		4,342 73	
For repairs.....		6,451 42	
For hardware and queensware.....		1,717 78	
For interest and discount.....		4,217 88	
For contingencies.....		2,752 18	
For Visiting Committee.....		307 50	
For painters' supplies.....		512 70	
For farm.....		3,037 13	
For feed.....		2,358 82	
For fuel.....		7,238 82	
For lights.....		3,836 40	
Salaries and wages.....		40,048 64	
Balance on hand September 30, 1878.....			\$120,030 19
			12,682 00
			\$132,712 19

EXPENDITURES.

The following exhibit shows the expenditures of the Special Appropriation Fund, in detail, from October 1, 1877, to October 1, 1879; to whom money was paid, and for what purposes money was expended.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1877.				
October.	1	P. T. Twinting & Son	Lumber	\$ 33 74
October.	2	Chas Snider	White lead	128 60
October.	3	Morris, Tasker & Co.	Soil pipe, etc.	33 44
October.	4	Time bill—October.	Salaries and wages.	536 85
1878.				
April	1	D. B. Stevens	Brick	56 55
April	2	Jno. Rukgaber	Window jams, corbels, etc.	145 75
April	3	Milwaukee Cement Co.	Cement	143 00
April	4	A. J. Fish & Co.	Cracker breaker	95 00
April	5	A. J. Fish & Co.	Cracker machine	175 00
April	6	A. J. Fish & Co.	"Vale's" bake oven	734 67
April	7	A. J. Fish & Co.	Pulleys and hangers	60 36
April	8	C., B. & Q. R. R.	Freight	116 73
April	9	Time bill—April.	Salaries and wages	186 37
May	1	D. B. Stevens	Brick	80 47
May	2	Geo. Cobb	Lime	20 30
May	3	William Kean	Stone	30 20
May	4	Time bill—May.	Salaries and wages.	410 86
June	5	Edd Allen	Sand	5 08
June	6	Jno. Rukgaber	Cut stone and sawed flag.	247 55
June	7	William Burns	Sand	47 32
June	8	Donahue, McCosh & Co.	Lime	22 50
June	9	M. L. Edwards	Commission as treasurer	8 57
June	10	Shane & Crable	Building stone	8 53
June	11	Royce & Hopping	Iron work	187 21
June	12	Bay State Laundry Co.	Mangle	350 00
June	13	D. B. Stevens	Brick	29 00
June	14	Geo. Cobb	Sand	17 33
June	15	J. P. W. Jenkins	Sand	10 96
June	16	Lucius Wells	Sand	2 18
June	17	Rath & McMahon	Dough mixer	105 00
June	18	H. H. Reynolds	Sand	16 44
June	19	R. & J. Beck	Laboratory furniture	641 59
June	20	T. S. & A. J. Kirkwood	Rawhide belting	43 16
June	21	John M. Maris & Co.	Laboratory furniture	72 25
June	22	B. F. Ross	Lumber	25 80
June	23	Royce & Hopping	Iron work	28 76
June	24	W. A. Cobb	Sand	25 24
June	25	Time bill—June.	Salaries and wages.	434 12
July	26	Patrick O'Connor	Building stone	70 25
July	27	Peter Schwellenbolg	Building stone	12 00
July	28	John Rukgaber	Sawed flag and cut stone	211 83
July	29	Thos. A. Upham	Laboratory furnishing	27 50
July	30	Taylor & Bro	Laboratory furnishing	3 50
July	31	R. & J. Beck	Laboratory furnishing	114 98
July	32	Time bill—July.	Salaries and wages.	558 34
August	33	Patrick O'Connor	Dimension and building stone	178 28
August	34	Pancoast & Manle	Protection vs. fire	1021 32
August	35	Patrick O'Connor	Dimension and block stone	216 05
August	36	John Rukgaber	Sawed flag and curbing	228 74
August	37	Time bill—August.	Salaries and wages.	548 44
August	38	Ketcham, Officer & Co	Stone	10 00
August	39	C., B. & Q. R. R.	Freight	23 13
Septemb'r	1	M. L. Edwards	Commission as treasurer	30 47
Septemb'r	2	Time bill—September	Salaries and wages.	540 28
Septemb'r	3	Patrick O'Connor	Block and dimension stone.	238 11
Septemb'r	4	Milwaukee Cement Co.	Cement	87 00
October.	5	Time bill—October	Salaries and wages.	587 27
October.	6	D. B. Stevens	Brick	153 45
Novemb'r	7	Pott, Young & Co.	Laboratory furniture	41 30

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
Novemb'r	8	Patrick O'Connor.....	Block and dimension stone.....	\$6 283 10
Novemb'r	9	Cardiff Plaster Mills.....	Plaster.....	64 95
Novemb'r	10	A. Gruber.....	Repairing tools.....	30 78
Novemb'r	11	D. B. Stevens.....	Brick.....	140 20
Novemb'r	12	Chas. Orr.....	Sand.....	32 64
Novemb'r	13	Franklin Lester.....	Range.....	159 38
Novemb'r	14	Andy Gruber.....	Repairing tools.....	34 05
Novemb'r	15	Geo. Cobb.....	Lime.....	73 06
Novemb'r	16	Patrick O'Connor.....	Block and dimension stone.....	152 75
Novemb'r	17	Time bill—November.....	Salaries and wages.....	540 01
Novemb'r	18	C., B. & Q. R. R.....	Freight.....	494 57
December	1	Franklin Lester.....	Kitchen furniture.....	100 00
December	2	R. & J. Beck.....	Laboratory furnishing.....	78 15
December	3	A. Gruber.....	Repairing tools.....	39 55
December	4	D. B. Stevens.....	Brick.....	137 41
December	5	Time bill—December.....	Salaries and wages.....	280 72
1879.				
January..	6	Patrick O'Connor.....	Dimension and block stone.....	24 46
January..	7	Jno. Rukgaber.....	Window-sills and steps.....	192 83
January..	8	D. B. Stevens.....	Brick.....	201 25
January..	9	Union Foundry Works.....	Iron work, beams, plates, etc.....	3920 73
January..	10	American Clock Co.....	Hour striking tower clock.....	978 45
January..	11	Time bill—January.....	Salaries and wages.....	252 29
January..	12	C., B. & Q. R. R.....	Freight.....	49 53
January..	13	M. L. Edwards.....	Commission as treasurer.....	18 42
February.	14	Time bill—February.....	Salaries and wages.....	396 38
March....	1	M. L. Edwards.....	Commission as treasurer.....	33 35
March....	2	Jno. Rukgaber.....	Kitchen furnishing.....	247 00
March....	3	Milwaukee Cement Co.....	Cement.....	87 00
March....	4	Union Foundry works.....	Iron beams.....	11 36
March....	5	Milwaukee Cement Co.....	Cement.....	87 00
March....	6	Time bill—March.....	Salaries and wages.....	554 70
April....	7	D. B. Stevens.....	Brick.....	59 87
April....	8	Union Foundry Works.....	Iron beams, etc.....	28 84
April....	9	Milwaukee Cement Co.....	Cement.....	87 00
April....	10	Time bill—April.....	Salaries and wages.....	675 00
May....	11	Jno. Rukgaber.....	Window sills.....	129 00
May....	12	Milwaukee Cement Co.....	Cement.....	172 48
May....	13	Cardiff Plaster Mills.....	Plaster.....	114 40
May....	14	John Henne.....	Brick.....	152 12
May....	15	Donahue, McCosh & Co.....	Lime.....	34 00
May....	16	Crane Bros M'fg Co.....	Registers.....	20 91
May....	17	Andrew Gruber.....	Repairing tools.....	15 85
May....	18	Time bill—May.....	Salaries and wages.....	689 78
June....	19	Franklin Lester.....	Kitchen furniture.....	285 84
June....	20	C., B. & Q. R. R.....	Freight.....	205 40
June....	21	Patrick O'Connor.....	Door-step and water-table.....	8 60
July....	1	Time bill—June.....	Salaries and wages.....	454 62
July....	2	Royce & Hopping.....	Iron stairway.....	116 80
July....	3	Milwaukee Cement Co.....	Cement.....	87 00
July....	4	D. B. Stevens.....	Brick.....	130 72
July....	5	Time bill—July.....	Salaries and wages.....	309 07
July....	6	Leedham & Baugh.....	Doors and sash.....	118 40
July....	7	D. B. Stevens.....	Brick.....	58 65
July....	8	D. B. Stevens.....	Brick.....	73 37
July....	9	Milwaukee Cement Co.....	Cement.....	87 00
July....	10	Time bill—August.....	Salaries and wages.....	291 37
July....	11	R. & J. Beck.....	Laboratory.....	8 09
July....	12	Time bill—September.....	Salaries and wages.....	406 75
July....	13	Freight.....	C., B. & Q. R. R.....	110 90

EXPENDITURES.

The following exhibit shows the expenditures of the Current Expense Fund, from October 1, 1877, to October 1, 1879, to whom paid, and for what purposes money was expended.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1877.				
October..	1	J. D. Trowbridge.....	Potatoes.....	29 59
October..	2	John McKinley.....	Butter.....	10 05
October..	3	Field, Leiter & Co.....	Shirting.....	256 10
October..	4	Gould, Fisher & Wells.....	Coffee.....	533 60
October..	5	George H. Spahr.....	Clothing.....	1025 10
October..	6	Young, Smyth, Field & Co.....	Table linen, toweling, etc.....	259 55
October..	7	Edward R. Squibb.....	Medical supplies.....	144 89
October..	8	Grannis & Farwell.....	Syrup, rice, beans.....	134 20
October..	9	M. W. Farber.....	Tubs and coopering.....	19 00
October..	10	Thos. Giblin.....	Apples.....	15 50
October..	11	Thos. Giblin.....	Apples.....	17 03
October..	12	W. Allsop.....	Apples.....	21 15
October..	13	A. R. Wickersham.....	Interest on loan to treasurer.....	21 10
October..	14	Frank Hobart.....	Brooms and brushes.....	24 00
October..	15	Daniel Nugent.....	Corn.....	40 44
October..	16	M. F. Bevans.....	Cider.....	10 50
October..	17	James Hurd.....	Corn.....	125 20
October..	18	J. W. Morrison.....	Corn.....	6 42
October..	19	E. L. Penn.....	Calico, cotton flannel, buttons, etc.....	31 18
October..	20	E. L. Penn & Co.....	Boots, shoes, slippers, hats.....	274 70
October..	21	E. S. Wharton.....	Apples.....	59 00
October..	22	M. L. Edwards.....	Discount on State warrants.....	806 00
October..	23	M. V. Derr.....	Apples.....	15 18
October..	24	A. O. Devol & Co.....	Shoes, slippers, and repairs.....	26 35
October..	25	Royce & Hopping.....	Repairing keys, cutting window-guards.....	6 10
October..	26	R. C. Wells.....	Horseshoeing.....	2 05
October..	27	Journal Publishing Co.....	Printing.....	14 00
October..	28	Griffith & Burkett.....	Hardware and queensware.....	33 00
October..	29	B. H. Crane.....	Hardware and repairs.....	77 90
October..	30	A. M. Brown.....	Apples.....	14 43
October..	31	Ned Burns.....	Corn.....	4 55
October..	32	Rukgaber & Clarke.....	Hardware and tinware.....	115 23
October..	33	William Pressnell.....	Corn.....	7 12
October..	34	M. W. Farber.....	Iron-bound casks.....	22 00
October..	35	Hawk Eye Publishing Co.....	Subscription and exchanges.....	26 50
October..	36	Ned Burns.....	Corn.....	18 02
October..	37	F. Wharton.....	Apples.....	90 60
October..	38	Hugh Swan.....	Cattle.....	970 02
October..	39	S. L. Kincaid.....	Visiting Committee.....	25 00
October..	40	B. C. Kauffman.....	Sorghum.....	414 91
October..	41	Western Union Telegraph Co.....	Telegraphing.....	3 09
October..	42	Novelty Wire Works.....	Flower-stand.....	6 00
October..	43	J. R. Mack.....	Shoes.....	5 00
October..	44	John Brown & Co.....	Breadstuffs.....	88 40
October..	45	A. Kammerer.....	Medicinal supplies.....	38 00
October..	46	Ketcham, Officer & Co.....	Flour and bran.....	1314 18
October..	47	H. F. Bird.....	Medicinal supplies.....	288 63
October..	48	P. Jericho.....	Repairing mattresses.....	15 30
October..	49	H. C. Brown.....	Corn.....	364 00
October..	50	P. Summers.....	Codfish, eggs, groceries.....	288 02
October..	51	W. F. Dougherty.....	Furniture and furnishing.....	374 45
October..	52	Farmers' Co-operative Store.....	Groceries, butter, eggs, etc., etc.....	183 71
October..	53	J. W. Henderson.....	Petty expense account.....	53 06
October..	54	Mary Sutton.....	Music.....	18 00
October..	55	C., B. & Q. R. R.....	Freight.....	122 67
October..	56	Male employes.....	Salaries and wages.....	1765 24
October..	57	Female employes.....	Salaries and wages.....	707 51
October..	58	Day laborers.....	Salaries and wages.....	628 12
Novemb'r	1	J. W. Williams.....	Expense of returning patient.....	22 65
Novemb'r	2	Edward R. Squibb.....	Medical supplies.....	275 90

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1877.				
Novemb'r	3	Edward L. Wilson	Library and diversions	7 00
Novemb'r	4	Field, Leiter & Co	Dry goods and clothing	468 33
Novemb'r	5	Van Shaack, Stevenson & Co.	Medical supplies	83 50
Novemb'r	6	John H. Gear	Farina	5 28
Novemb'r	7	William Blom	Soap	99 00
Novemb'r	8	Grannis & Farwell	Beans	18 06
Novemb'r	9	McNab & Johnston	Codfish	46 35
Novemb'r	10	P. T. Twinting & Son	Lumber, flooring	137 79
Novemb'r	11	Bowman & Kauffman	Coal	93 96
Novemb'r	12	C. Bechler	Butter	102 51
Novemb'r	13	Ross Virden	Eggs	3 75
Novemb'r	14	R. M. Campbell	One horse	150 00
Novemb'r	15	L. H. Fenton	Digging graves	19 75
Novemb'r	16	Garlick, Waters & Co	Woolen goods and hosiery	158 37
Novemb'r	17	John Fay & Co	Carpenter's materials	6 15
Novemb'r	18	Abrahamson & Swan	Butter	63 36
Novemb'r	19	Hugh Swan	Twelve steers	847 80
Novemb'r	20	William Campbell	Butter and cheese	133 48
Novemb'r	21	W. A. Cobb	Lime	69 52
Novemb'r	22	Rukgaber & Clarke	Hardware and tinware	204 99
Novemb'r	23	Sol Hewitt	Butter, eggs, fish	38 00
Novemb'r	24	George A. Talley	Repairs to wagons	6 25
Novemb'r	25	L. W. Taylor & Co.	Flour and bran	98 05
Novemb'r	26	P. T. Twinting	Groceries	119 83
Novemb'r	27	L. P. Mills	Potatoes, codfish	5 61
Novemb'r	28	D. L. Morse	Horseshoeing	6 25
Novemb'r	29	Ross & Bros	Lumber	15 84

Novemb'r	30	Chas. Snider & Co.	Medical supplies	14 54
Novemb'r	31	Mt. Pleasant Gas Works	Lights	359 60
Novemb'r	32	Mt. Pleasant Gas Works	Gas-fixtures	12 50
Novemb'r	33	J. A. Grant	Flour	780 65
Novemb'r	34	Donahue, McCosh & Co.	Lime	37 50
Novemb'r	35	Western Cement Association	Cement	82 50
Novemb'r	36	Field, Leiter & Co	Dry goods	264 64
Novemb'r	37	Rob't Haney	Gas-burners	10 00
Novemb'r	38	John Flamme	Turkeys	18 20
Novemb'r	39	William Burns	Turkeys	14 40
Novemb'r	40	Patrick McGuire	Turkeys	18 75
Novemb'r	41	John M. Fisher	Patent restraints	72 00
Novemb'r	42	T. P. Morehead	Pasturage	8 50
Novemb'r	43	P. Melcher	Cutting marble tile	1 50
Novemb'r	44	Mt. Pleasant post-office	Postage and stationery	50 40
Novemb'r	45	J. Miller	Potatoes and farina	3 35
Novemb'r	46	T. W. Fawcett	Visting Committee	20 00
Novemb'r	47	Ed E. Sayles	Library	3 60
Novemb'r	48	Spencer & Mahin	Butter	9 16
Novemb'r	49	John Eshelman	Clothing	8 75
Novemb'r	50	P. C. Tiffany	Stationery	4 10
Novemb'r	51	Templin Bros. & Woods	Dry goods	45 94
Novemb'r	52	S. N. Thompson & Co.	Hardware and queensware	12 00
Novemb'r	53	S. W. Garvin	Under-clothing	5 93
Novemb'r	54	Journal Publishing Co.	Printing	24 00
Novemb'r	55	Lehew & McKibben	Butter	55 31
Novemb'r	56	Meno Trope	Interest on loan to treasurer	12 42
Novemb'r	57	H. M. Bassett	Interest on loan to treasurer	26 80
Novemb'r	58	H. M. Bassett	Interest on loan to treasurer	61 66
Novemb'r	59	Mark Ranney	Interest on loan to treasurer	433 01
Novemb'r	60	M. L. Edwards	Discount	360 00
Novemb'r	61	Grannis & Farwell	Beans	17 41
Novemb'r	62	McNab & Johnston	Codfish	46 30
Novemb'r	63	American Fusee Co.	Lights	15 00
Novemb'r	64	Auten & Andrews	Coal	270 00
Novemb'r	65	A. G. Adams	Boots and shoes	52 45
Novemb'r	66	T. W. Barhydt & Co.	Boots and shoes	61 40
Novemb'r	67	William Brown & Bros	Coal	27 09

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1877.				
Novemb'r	68	N. Grensel	Coal	18 00
Novemb'r	69	Mt. Pleasant Gas Co.	Lights	436 00
Novemb'r	70	G. A. Talley	Wagon repairs	16 20
Novemb'r	71	C., B. & Q. R. R. Co.	Freight	409 94
Novemb'r	72	Male employes	Salaries and wages	1715 62
Novemb'r	73	Female employes	Salaries and wages	741 89
Novemb'r	74	Day laborers	Salaries and wages	1053 97
December	1	J. B. Holland	Library	5 00
December	2	M. L. Edwards	Commission as treasurer	175 21
December	3	L. E. Sherman	Tile	163 60
December	4	S. L. Steele	Contingencies	9 50
December	5	Emma Kealson	To making 301 bed ticks, at 20 cents	60 20
December	6	H. Harrison	Lard	15 00
December	7	Jno. Rukgaber	Sawed flag	209 96
December	8	Thomas Campbell	One horse	125 00
December	9	Jno. Thomas	Honey	5 17
December	10	J. L. Chute	Removing J. B. Chute to Nova Scotia	30 00
December	11	Benerman & Wilson	Library and diversions	154 55
December	12	James Frame	Coal	18 00
December	13	William Davis	Seventy head of sheep	281 81
December	14	H. B. Swan	Two heifers	94 78
December	15	William Campbell	Groceries and cement	127 93
December	16	P. Saunders & Son	Furniture and furnishing	97 29
December	17	McGregor & Baines	Hardware	70 99
December	18	A. Singer & Co.	Fruit	6 25
December	19	A. O. Devol & Co.	Boots, shoes, slippers	27 70
December	20	Pitcher & Pyle	Whitewash brushes	10 20

HOSPITAL AT MOUNT PLEASANT.

[No. 24.]

December	21	D. L. Morse	Horseshoeing	10 55
December	22	E. A. Rockhold	Making 255 shirts	70 00
December	23	Geo. H. Schafer & Co.	Medical supplies	151 35
December	24	Tilden & Co.	Medical supplies	51 97
December	25	Van Shaack, Stevenson & Co.	Medical supplies	21 65
December	26	Gould, Fisher & Wells	Groceries	21 00
December	27	Pilger Brothers	Groceries	56 99
December	28	Sharp & Smith	Medical supplies	34 75
December	29	C. F. Gunther	Confectionery	16 70
December	30	E. H. Bartlett	Treating horse	12 00
December	31	O. V. Stough	Library and diversions	120 00
December	32	Chas. Prince	Work on iron	2 50
December	33	H. M. Bassett	Returning patients, and telegrams	12 40
December	34	W. U. Tel. Co.	Telegraphing	1 17
December	35	Royce & Hopping	Repairs	99 65
December	36	Sol. Hewitt	Butter and eggs	35 68
December	37	Geo. H. Spahr	Clothing	16 60
December	38	Ross & Bros.	Lumber	44 06
December	39	William Brown & Bros	Coal	439 25
December	40	Mt. Pleasant Gas Works	Lights	499 20
December	41	H. T. Bird	Medical supplies	29 27
December	42	C. B. Eshelman	Clothing	15 75
December	43	P. T. Twinting & Son	Lumber	50 97
December	44	D. I. Holcomb	Queensware, lanterns, etc	102 49
December	45	Griffith, Burkett & Co.	Hardware	2 89
December	46	H. N. Crane	Stationery	30 24
December	47	Abrahamson & Swan	Butter	16 80
December	48	Lehew & McKibben	Butter	26 40
December	49	W. T. Dougherty	Furniture	14 75
December	50	William H. Schliess	Tobacco	97 75
December	51	Farmers' Co-operative Store	Turkeys, butter, and eggs	258 95
December	52	Jno. H. Gear	Codfish, sugar, and coffee	613 31
December	53	Shaffer & Hofman	Medical supplies	100 00
December	54	William Loomis	Wood	214 43
December	55	D. B. Stevens	Brick	107 84
December	56	William Boyd	Turkeys	10 22
December	57	T. W. Fawcett	Visiting Committee	20 00
December	58	Mark Ranney	Telegrams, fruit for sick, etc	56 17

1880.]

REPORT OF THE TREASURER.

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1877.				
December	59	Geo. H. Schafer & Co.	Medical supplies.	\$ 151 35
December	60	Mary Smith.	Music	16 00
December	61	C., B. & Q. R. R.	Freight.	403 85
December	62	Male employes.	Salaries and wages.	1824 51
December	63	Female employes.	Salaries and wages.	744 35
December	64	Day laborers.	Salaries and wages.	660 54
December	65	Officers' salaries.	Salaries and wages.	1650 00
1878.				
January	1	A. H. Roberts.	Medical supplies.	1 20
January	2	Zulm & Thomas.	Express wagon, repairs, etc.	183 10
January	3	R. R. Grant.	Cattle	487 22
January	4	Louis Hisel.	Corn	141 66
January	5	Abraham Fetty.	Butter.	3 52
January	6	Jno. Rukgaber.	Window sills	17 87
January	7	E. D. Rand & Co.	Flooring	403 00
January	8	W. S. Minkler & Co.	Glass.	10 40
January	9	L. E. Sherman	Overflow basins, self-closing cocks	204 75
January	10	J. H. Febbe.	Beans	125 93
January	11	Dorahue, McCosh & Co.	Cement.	33 00
January	12	Grannis & Farwell	Tapioca, farina.	16 30
January	13	McNab & Johnston.	Codfish	90 49
January	14	Hallock, Holmes & Co.	Rubber spittoons	70 70
January	15	Geo. H. Schafer & Co.	Medical supplies.	74 25
January	16	C. P. Squires & Co.	Medical supplies.	22 75
January	17	Iowa State Register.	Exchanges	12 00
January	18	Hawk-Eye Publishing Co.	Exchanges	13 00
January	19	Burnham & Jagger	Linseed oil.	90 18
January	20	Fieldhouse, Dutcher & Belden.	Gas-fittings	84 43
January	21	Field, Leiter & Co.	Dry goods.	228 41
January	22	T. H. Nevin & Co.	Putty	6 00
January	23	Wm. McCully & Co.	Glass.	103 04
January	24	Lowell Felting Mills.	Felting.	41 21
January	25	Morris Tasker & Co.	Basin wastes.	24 58
January	26	Mt. Pleasant post-office.	Postage.	55 00
January	27	Walter Dunham.	Hay and straw.	13 95
January	28	J. C. Mathers.	Repairing harness.	1 50
January	29	L. H. Fenton.	Digging graves.	14 50
January	30	Millspaugh & Stearns.	Buck mittens.	13 50
January	31	Rukgaber & Clarke.	Hardware.	27 40
January	32	Rukgaber & Clarke.	Hardware, ventilating pipes, etc.	449 50
January	33	H. T. Bird.	Medical supplies.	95 45
January	34	Farmers' Co-operative Store.	Turkeys, chickens, butter, etc.	254 66
January	35	A. Kammerer.	Hops.	3 75
January	36	A. Grensel & Co.	Fuel.	4 00
January	37	E. L. Penn.	Dry goods.	21 47
January	38	Ketcham, Officer & Co.	Breadstuffs and bran.	484 49
January	39	B. H. Crane.	Hardware and queensware.	43 16
January	40	W. J. Parker.	Ticking, braid and thread.	33 95
January	41	A. E. Virden.	Butter	24 16
January	42	Bowman & Kaufman.	Coal.	35 84
January	43	G. A. Talley.	Repairs on wagons, etc.	13 00
January	44	Edward Martin.	Return of patient.	5 00
January	45	A. Cornick.	Straw.	10 31
January	46	A. O. Devol & Co.	Boots, shoes, and slippers	58 70
January	47	P. Summers.	Codfish, butter, eggs, etc.	312 98
January	48	E. L. Penn & Co.	Shoes and slippers.	471 32
January	49	H. N. Crane.	Stationery	52 65
January	50	Auten & Andrews.	Coal.	234 00
January	51	Frank Hobart.	Brooms	32 00
January	52	P. T. Twinting.	Sugar, beans, butter, etc.	144 52
January	53	Geo. A. Talley.	Difference on wagon exchange.	20 00
January	54	C. Hurley.	Sugar and wood.	43 75
January	55	Robt. Ansell.	Straw	15 03
January	56	Garlick, Waters & Co.	Jeans, flannel, mittens, etc.	181 01
January	57	Geo. A. Martin.	Straw.	31 01

HOSPITAL AT MOUNT PLEASANT.

[No. 24.]

1880.]

REPORT OF THE TREASURER.

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
January	58	J. A. Retherney	Eight steers	\$ 427 40
January	59	Mt. Pleasant Gas Works	Lights	478 80
January	60	Edwin Van Cise	Interest on loan to treasurer	11 20
January	61	Chauncy Billings	Two barrels evergreens	5 00
January	62	R. R. Grant	One boar pig	10 00
January	63	T. Irons	Returning patient	5 00
January	64	William Edgar	Straw	24 94
January	65	M. W. Farber	Hogsheads, lard tierces	45 00
January	66	John Wiley & Son	Library	26 88
January	67	William Blom	Caustic soda	46 28
January	68	Hunter Bros.	Clothing	28 00
January	69	Daniel Campbell	Butter and cheese	249 90
January	70	John Becker	Straw	36 41
January	71	U. L. Phillips	Wheelbarrow	5 50
January	72	Nelson Cormick	Straw	8 61
January	73	J. W. Henderson	Current expense—petty account	126 58
January	74	Freight	C. B. & Q. R. R.	563 33
January	75	Male employes	Salaries and wages	1775 30
January	76	Female employes	Salaries and wages	733 91
January	77	Day laborers	Salaries and wages	506 62
February	1	Field, Leiter & Co	Blankets	437 76
February	2	J. A. Grant	Bran	104 00
February	3	T. W. Barhydt & Co	Boots and shoes	66 85
February	4	C. H. Peters	Manure	15 00
February	5	D. L. Moore	Horseshoeing	19 70
February	6	A. O. Devol & Co	Boots, shoes, and repairs	74 95
February	7	R. C. Wells	Horseshoeing	10 60

HOSPITAL AT MOUNT PLEASANT.

[No. 24.]

February	8	S. N. Thompson & Co.	Queensware	4 30
February	9	Wm. Timmerman & Co.	Shoes and slippers	11 55
February	10	W. J. Parker	Dry goods	77 40
February	11	T. Miltonberger & Co.	Clothing	68 25
February	12	Jno. Eshelman & Co.	Clothing	77 00
February	13	S. W. Barr	Straw	2 94
February	14	C. B. Eshelman & Co.	Clothing	65 00
February	15	Leedham & Baugh	Window sash	10 30
February	16	Wm. Gladden	Boar pig	10 00
February	17	Samuel Baker	Straw	6 18
February	18	Wm. Brown & Bro.	Coal	814 94
February	19	Wm. Summers	Wood	96 28
February	20	Auten & Andrews	Coal	350 00
February	21	D. B. Stevens	Brick	107 30
February	22	Field, Leiter & Co.	Dry goods	272 57
February	23	Van Shaack, Stevenson & Co.	Medical supplies	56 70
February	24	Jno. H. Gear	Sugar	141 02
February	25	A. G. Adams	Shoes	45 85
February	26	Sharp & Smith	Medical supplies	18 00
February	27	Donahue, McCosh & Co.	Cement	6 70
February	28	Price & Henry	Ink	1 70
February	29	F. Lunkenheimer	Brass castings	15 50
February	30	Lewis Hisel	Interest on loan to treasurer	37 17
February	31	L. H. Fenton	Butchering, and digging graves	40 62
February	32	Jno. Wiley & Sons	Library	5 54
February	33	Royce & Hopping	Grate bars, repairs, etc	33 10
February	34	Jno. Wiley & Sons	Library	7 00
February	35	Edward R. Squibb	Medical supplies	419 10
February	36	Frank Carman	Straw	2 68
February	37	Chas. Prince	Engine repairs	2 00
February	38	Tilden & Co.	Medical supplies	60 50
February	39	Cornelius Hurley	Wood	7 00
February	40	Walter Dunham	Straw and hay	8 21
February	41	T. W. Fawcett	Visiting Committee	20 00
February	42	Ketcham, Officer & Co.	Breadstuffs and bran	497 34
February	43	Zulm & Thomas	Repairs on wagons	16 15
February	44	Smith & Hagan	Medical supplies	7 65
February	45	J. F. Sargent	Stationery	13 85

1880.]

REPORT OF THE TREASURER.

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
February.	46	G. A. Talley	Repairs on wagons	\$ 2 00
February.	47	L. T. Willard	Repairs on harness, etc.	22 00
February.	48	A. Singer & Co.	Oysters and lemons	4 80
February.	49	Sol. Hewitt	Chickens, codfish, and groceries	17 36
February.	50	Griffith, Burkett & Co.	Hardware	7 20
February.	51	A. Roper	Ice	351 58
February.	52	M. L. Edwards	Discount on State warrants	451 50
February.	53	Wm. M. Brown & Bro.	Coal	86 95
February.	54	Mt. Pleasant P. O.	Postage	72 60
February.	55	A. O. Devol & Co.	Slippers, and repairs	89 80
February.	56	Farmers' Co-operative Store	Chickens, codfish, sugar, etc.	146 94
February.	57	B. T. Ross	Lumber	6 80
February.	58	I. Phillips	Plans for improving buildings	10 00
February.	59	H. T. Bird	Medical supplies	93 20
February.	60	Mt. Pleasant Gas Works	Gas fixtures	7 95
February.	61	Comstock Scale Works	Scale	75 00
February.	62	Ketcham, Officer & Co.	Breadstuffs and bran	330 02
February.	63	Mt. Pleasant Gas Works	Lights	402 40
February.	64	Mary Smith	Music	16 60
February.	65	J. Dutton	Cattle	429 76
February.	66	Jno. Edgar	One mule	100 00
February.	67	Freight	C., B. & Q. R. R.	187 13
February.	68	Male employes	Salaries and wages	1713 49
February.	69	Female employes	Salaries and wages	718 86
February.	70	Day laborers	Salaries and wages	408 40
March ...	1	Thomas Powers	Wood	43 87
March ...	2	M. L. Edwards	Commission as treasurer	163 73

March ...	3	H. B. Swan	Sheep	616 50
March ...	4	L. H. Fenton	Digging graves, and pumping	16 00
March ...	5	William Campbell	Butter and cheese	196 75
March ...	6	J. N. Dutton	Cattle	420 80
March ...	7	L. Rabenstine	Tuning piano	3 50
March ...	8	Charles Shubert	Sewing machine	15 00
March ...	9	G. A. Talley	Repairing wagons, etc.	7 35
March ...	10	A. Roper	Ice	400 00
March ...	11	Edward R. Squibb	Medical supplies	116 44
March ...	12	Filden & Co	Medical supplies	32 37
March ...	13	Russell & Erwin M'f'g Co	Locks	24 62
March ...	14	Grannis & Farwell	Sugar and syrup	182 68
March ...	15	W. M. Hoyt & Co	Sugar, codfish, etc.	112 69
March ...	16	William T. Allen & Co.	Molasses	30 66
March ...	17	Union Foundry Works	Iron castings	67 53
March ...	18	Field, Leiter & Co	Dry goods	127 42
March ...	19	Sharp & Smith	Medical supplies	18 00
March ...	20	J. P. Melcher	Butter	40 34
March ...	21	William Blom	Soap	105 00
March ...	22	Pilger Brothers	Groceries	60 10
March ...	23	John H. Gear	Coffee, sugar, etc	189 18
March ...	24	Edward L. Wilson	Library and diversions	4 50
March ...	25	John Rukgaber	Sawed flag	629 46
March ...	26	William Campbell	Cement and salt	11 71
March ...	27	Thomas Gibbin	Wood	361 87
March ...	28	William Copples	Corn	8 09
March ...	29	J. C. Morrison	Straw	8 48
March ...	30	C. Bechler	Butter and eggs	88 16
March ...	31	P. Summers	Salt, butter, eggs, etc	201 26
March ...	32	S. B. Olney	Visiting Committee	37 30
March ...	33	P. T. Twinting & Son	Lumber	160 00
March ...	34	J. S. Montgomery	Apples	11 55
March ...	35	Bowman & Kauffman	Coal	41 47
March ...	36	J. A. Grant	Flour and bran	589 50
March ...	37	Western Union Telegraph Co	Telegraphing	5 86
March ...	38	Michael McCormick	Corn	8 08
March ...	39	John Cosgrove	Wood	102 37
March ...	40	J. C. Morrison	Straw	8 64

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
March	41	Henry C. Lea	Library	\$ 6 00
March	42	Beneman & Wilson	Library and diversions	213 80
March	43	Rukgaber & Clarke	Hardware and repairs	79 34
March	44	H. N. Crane	Stationery	30 08
March	45	Chas. Prince	Repairs on boiler	3 25
March	46	D. L. Morse	Horseshoeing	10 75
March	47	Geo. H. Spahr	Clothing	234 40
March	48	B. H. Crane	Hardware and repairs	30 80
March	49	Sol. Hewitt	Codfish, etc.	7 85
March	50	E. L. Penn & Co.	Shoes and slippers	158 74
March	51	R. Eshelman	Clothing	61 50
March	52	Spencer & Mahin	Potatoes	1 30
March	53	A. O. Devol & Co.	Boots and repairs	2 80
March	54	N. Grensel & Co.	Ice	4 00
March	55	Jno. Hanson	Brooms	87 50
March	56	Geo. W. McAdam	Printing	23 00
March	57	A. Singer & Co.	Oysters, lemons, apples	11 35
March	58	S. N. Thompson & Co.	Lamp chimneys and pitchers	4 35
March	59	Mt. Pleasant post-office	Box rent	2 00
March	60	Farmers' Co-operative Store	Potatoes, butter, eggs, etc.	101 02
March	61	E. L. Penn	Dry goods	44 69
March	62	W. J. Parker	Dry goods	32 25
March	63	Frank Hobart	Brooms	10 00
March	64	D. I. Holcomb	Queensware, glass, etc.	163 60
March	65	Mt. Pleasant post-office	Postage	15 00
March	66	Mt. Pleasant Gas Works	Lights	390 20
March	67	P. Saunders & Son	Dry goods and furnishing	95 32

HOSPITAL AT MOUNT PLEASANT.

[No. 24.

March	68	R. C. Wells	Horseshoeing	7 55
March	69	Ketcham, Officer & Co	Breadstuffs and bran	100 79
March	70	Zulm & Thomas	Repairs on wagons, etc.	5 65
March	71	Mary Smith	Music	10 00
March	72	C. B. & Q. R. R.	Freight	53 84
March	73	Male employes	Salaries and wages	1693 92
March	74	Female employes	Salaries and wages	723 33
March	75	Day laborers	Salaries and wages	418 25
March	76	Officers' salaries	Salaries	1530 00
April	1	Al Farris	Corn	5 15
April	2	C. Wedertz & Co.	Ice	286 00
April	3	Daniel Campbell	Cheese	22 62
April	4	Newton Rogers	Straw	6 96
April	5	William Coppes	Corn	17 88
April	6	T. L. Roberts	Corn	8 45
April	7	L. Greyble	Corn	6 67
April	8	E. J. Gibbs	Corn	10 20
April	9	David Ewing	Wood	2 03
April	10	C. Brown	Corn	9 08
April	11	John Wiley & Sons	Library	115 50
April	12	Gould, Fisher & Wells	Coffee and sugar	251 14
April	13	Field, Leiter & Co	Dry goods	131 63
April	14	John Redfearn	Corn	37 97
April	15	J. S. Craig	Return of patient	2 00
April	16	J. J. Burge	Oats	45 31
April	17	L. H. Fenton	Graves dug, and pumping	18 00
April	18	W. J. Dougherty	Furniture, etc	262 90
April	19	Pott, Young & Co.	Library	145 65
April	20	O. V. Stough	Music	64 00
April	21	M. F. Riordan	Interest on loan to treasurer	15 46
April	22	James W. Greenfield	James W. Greenfield	4 43
April	23	Beneman & Wilson	Library and diversions	194 35
April	24	W. M. Hoyt & Co	Codfish, etc.	35 73
April	25	Mrs. E. A. Rockhold	Making shirts	50 00
April	26	Gardner, Murphy & Co	Beans	8 25
April	27	H. Brattan	Manure	4 00
April	28	G. A. Talley	Repairing wagons, etc	5 20
April	29	Webster & Pickard	Sawdust	7 00

1890.1

REPORT OF THE TREASURER.

EXPENDITURES—CONTINUED.

DATE.	Voucher No. and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
April	30	D. B. Stevens	Brick	31 90
April	31	W. Bishop	Oats	11 33
April	32	Jno. H. Whiting	Interest on loan to treasurer	27 50
April	33	I. L. Mott Iron Works	Heaters and castings	5 60
April	34	Pancoast & Manle	Gas-fittings	26 61
April	35	Peter Henderson & Co.	Roots and seeds	8 08
April	36	Henry A. Dreer	Potato seed, etc.	10 75
April	37	Bowen & Moore	Medical supplies	104 33
April	38	Edw'd R. Squibb	Medical supplies	16 96
April	39	Van Shaack, Stevenson & Co.	Medical supplies	37 13
April	40	Fieldhouse, Dutcher & Belden	Fittings	48 00
April	41	Wm. T. Allen & Co	Sugar	86 68
April	42	Field, Leiter & Co	Ticking	130 36
April	43	McNab & Johnston	Codfish	45 87
April	44	Donahue, McCosh & Co	Cement	3 30
April	45	Peter Fawcett	Repairing boiler	26 17
April	46	Acres, Blackmar & Co.	Library	15 00
April	47	L. S. Kincaid	Visiting Committee	25 00
April	48	M. L. Edwards	Discount on State warrants	344 19
April	49	Pott, Young & Co.	Library	159 85
April	50	Geo. H. Spahr	Wood	958 34
April	51	Jno. Redfern	Corn	31 42
April	52	Pott, Young & Co.	Library	159 85
April	53	Lucius Wells	Sand	2 03
April	54	A. R. Wickersham	Freight	99 73
April	55	William Nugen	Oats	61 48
April	56	Houghton, Osgood & Co	Library	5 00

13

April	57	Jno. H. Gear	Molasses, coffee, tea, etc.	592 57
April	58	Pilger Bros.	Groceries	17 83
April	59	W. M. Hoyt & Co.	Sugar, beans, etc.	353 32
April	60	Field, Leiter & Co.	Dry goods and hosiery	99 03
April	61	Knowles, Cloyes & Co.	Starch	7 68
April	62	G. C. Cook & Co.	Tea	102 65
April	63	H. D. Ostermoor	Mattresses and pillows	56 70
April	64	Geo. H. Schafer & Co	Medical supplies	31 90
April	65	Bicklen, Winzer & Co.	Sugar	108 03
April	66	Grannis & Farwell	Coffee	107 53
April	67	P. Summers	Butter, eggs, etc.	388 63
April	68	William Campbell	Eggs	12 50
April	69	P. Jericho	Repairing mattresses	23 70
April	70	S. Harter	Repairing carriage	8 00
April	71	C. B. Eshelman	Clothing	38 00
April	72	D. L. Morse	Horseshoeing	4 50
April	73	R. C. Wells	Horseshoeing	4 60
April	74	L. F. Willard	Harness and repairs	37 30
April	75	H. T. Bird	Medical supplies	12 80
April	76	Geo. W. McAdam	Printing	7 00
April	77	McGregor & Baines	Hardware	18 32
April	78	Rukgaber, McGregor & Baines	Furnishing and tinware	61 98
April	79	N. Grensel & Co.	Carting	9 25
April	80	William Timmerman & Co	Slippers	59 40
April	81	E. L. Penn & Co.	Slippers	33 30
April	82	Mt. Pleasant Gas Works	Lights	270 80
April	83	Frank Hobart	Brooms	4 38
April	84	B. H. Crane	Hardware and repairs	11 65
April	85	Templin Bros & Woods	Dry goods	9 03
April	86	D. I. Holcomb	Crockery, etc.	33 30
April	87	Mt. Pleasant post-office	Postage	47 40
April	88	Farmers' Co-operative Store	Butter, eggs, etc.	125 95
April	89	H. N. Crane	Stationery	19 60
April	90	L. W. Taylor	Breadstuffs	77 30
April	91	Wm. M. Schlick	Tobacco	108 01
April	92	P. T. Twinting & Son	Lumber	25 64
April	93	P. T. Twinting	Provisions, groceries, etc.	84 57
April	94	Jno. G. Budde	Lemons	75

1880.]

REPORT OF THE TREASURER.

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
April	95	Ketcham, Officer & Co	Breadstuffs and bran	477 11
April	96	Royce & Hopping	Repairing steam pump, etc	111 00
April	97	Bowman & Kauffman	Oats and corn	56 67
April	98	J. W. Henderson	Petty account—current expense	89 57
April	99	C., B. & Q. R. R. Co	Freight	216 37
April	100	Male employes	Salaries and wages	1547 72
April	101	Female employes	Salaries and wages	690 37
April	102	Day laborers	Salaries and wages	413 95
May	1	Robert S. Gillis	Hogs	48 12
May	2	Mrs. E. M. Elliott	Hats and ribbons	19 25
May	3	Thomas Hollowell	Butter	7 21
May	4	Emma Kealson	Making shirts	1 50
May	5	Viriden & Gilluspy	Butter and eggs	18 04
May	6	Ross Viriden	Butter and eggs	7 90
May	7	William M. Brown & Bros	Coal	236 40
May	8	W. L. Phillips	Repairs on farm implements	12 85
May	9	T. C. Alberson	Cattle	612 40
May	10	J. W. Baker	Shearing sheep	4 76
May	11	George Simmons	Straw	12 70
May	12	C. Bechler	Butter	48 97
May	13	E. Stevens	Corn	19 25
May	14	S. G. Heimbaugh	Eggs	3 01
May	15	L. H. Fenton	Digging graves, and pumping	19 00
May	16	T. E. Stevens	Corn	58 65
May	17	Abrahamson & Swan	Butter	22 80
May	18	William Campbell	William Campbell	46 56
May	19	Milwaukee Cement Co	Cement	33 00

May	20	Hawk-Eye Publishing Co	Exchanges	13 00
May	21	T. W. Fawcett	Visiting Committee	20 00
May	22	E. Baines	Butter	26 16
May	23	W. Bishop	Oats	11 25
May	24	Perry Morrison	Butter	8 20
May	25	Geo. Simmons	Straw	13 00
May	26	R. & J. Beck	Medical supplies	9 00
May	27	H. M. Bassett	Removal of patient	129 75
May	28	William Campbell	Butter	46 70
May	29	D. L. Morse	Horseshoeing	7 70
May	30	R. C. Wells	Horseshoeing	1 25
May	31	Farmers' Co-operative Store	Butter, eggs, etc	491 83
May	32	Mt. Pleasant Gas Works	Lights	230 80
May	33	P. T. Twinting	Potatoes, butter, etc	127 48
May	34	Ketcham, Officer & Co	Breadstuffs and bran	167 49
May	35	Humphrey & Eshelman	Clothing	39 75
May	36	Wm. Timmerman & Co	Shoes and slippers	74 70
May	37	Zuhn & Thomas	Repairs on tools, etc	6 15
May	38	Wm. M. Brown & Bros	Coal	112 40
May	39	T. Miltonberger & Co	Clothing	88 50
May	40	H. N. Crane	Stationery and repairs	21 90
May	41	Charles Snider	Medical supplies	109 39
May	42	Shields & Tomlinson	Flour	36 25
May	43	Sol. Hewitt	Butter, eggs, etc	39 90
May	44	Mary Smith	Music	14 00
May	45	C., B. & Q. R. R.	Freight	366 40
May	46	Male employes	Salaries and wages	1507 92
May	47	Female employes	Salaries and wages	682 41
May	48	Day laborers	Salaries and wages	444 34
June	1	Field, Leiter & Co	Dry goods and hosiery	1352 96
June	2	T. S. & A. J. Kirkwood	Rawhide belt	18 12
June	3	Knowles, Cloyes & Co	Farina and mustard	10 95
June	4	Wm. Blom	Caustic soda and soap	96 42
June	5	J. A. Grant	Flour and bran	504 00
June	6	Gould, Fisher & Wells	Hominy	9 65
June	7	McNab & Johnston	Codfish	45 88
June	8	Geo. H. Schafer & Co	Medical supplies	24 25
June	9	Burley & Tyrrell	Hardware and queensware	73 68

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
June....	10	Pilger Bros.....	Coffee and soda.....	\$ 69 80
June....	11	John H. Gear.....	Coffee, sugar, and syrup, etc.....	168 94
June....	12	Burnham & Jaggard.....	Linseed oil.....	27 05
June....	13	Edward R. Squibb, M. D.....	Medical supplies.....	123 18
June....	14	Russell & Erwin Manufacturing Co.....	Locks, shears, and scissors.....	12 93
June....	15	S. F. Bangham.....	Cattle.....	161 25
June....	16	Melcher & Beck.....	Butter jars.....	69 60
June....	17	John Rukgaber.....	Flagging.....	44 40
June....	18	M. L. Edwards.....	Commission as treasurer.....	161 38
June....	19	T. E. Paine & Co.....	Butter and potatoes.....	141 22
June....	20	L. H. Fenton.....	Digging graves.....	21 00
June....	21	S. G. Heimbaugh.....	Eggs.....	1 45
June....	22	T. C. Albertson.....	Cattle.....	150 75
June....	23	John Sanquist.....	Cutting cloth for suits.....	9 00
June....	24	A. Kammerer.....	Hops.....	7 60
June....	25	Mount Pleasant post-office.....	Postage and envelops.....	177 40
June....	26	H. B. Swan.....	Sheep.....	21 90
June....	27	John Rukgaber.....	Road rock.....	43 12
June....	28	Glenning & Gladden.....	Farm machinery.....	28 50
June....	29	G. A. Talley.....	Repairs on wagons, etc.....	4 10
June....	30	Charles Snider.....	Sorrel horse.....	75 00
June....	31	Thomas A. Lee.....	Cattle.....	854 80
June....	32	Ned Burns, Sr.....	Wood.....	38 59
June....	33	S. P. Thomas.....	Hauling coal.....	7 50
June....	34	C. Bechler.....	Butter.....	80 17
June....	35	H. T. Bird.....	Medical supplies.....	21 70
June....	36	Wm. Timmerman & Co.....	Gaiters and slippers.....	4 50

June....	37	Mt. Pleasant Gas Works.....	Lights.....	197 60
June....	38	S. L. Kincaid.....	Visiting Committee.....	22 00
June....	39	Jno. Redfern.....	Corn and oats.....	65 47
June....	40	Emily Chalfant.....	Fruit.....	5 25
June....	41	Jno. H. Gear.....	Sugar.....	564 03
June....	42	Delahaye & Purdy.....	Medical supplies.....	50 74
June....	43	Gould, Fisher & Wells.....	Farina and soda crackers.....	9 13
June....	44	W. M. Hoyt & Co.....	Rice.....	17 54
June....	45	Van Shaack, Stevenson & Co.....	Glass.....	4 30
June....	46	William T. Allen & Co.....	Coffee.....	105 16
June....	47	Fairbanks, Morse & Co.....	Barrow wheel.....	4 30
June....	48	McNab & Johnston.....	Codfish.....	49 50
June....	49	Field, Leiter & Co.....	Dry goods, hosiery, and handkerchiefs.....	524 30
June....	50	William Blom.....	Soap.....	60 00
June....	51	Iowa State Register.....	Exchanges.....	19 50
June....	52	T. S. & A. J. Kirkwood.....	Rawhide belting.....	33 64
June....	53	Pilger Bros.....	Rice.....	18 39
June....	54	Edward R. Squibb.....	Medical supplies.....	259 09
June....	55	Jno. M. Maris & Co.....	Medical supplies.....	9 20
June....	56	Auten & Andrews.....	Coal.....	150 00
June....	57	H. N. Crane.....	Stationery.....	14 85
June....	58	Humphrey & Eshelman.....	Hats.....	3 50
June....	59	Van Cise & Co.....	Medical supplies.....	18 75
June....	60	J. F. Sargent.....	Stationery.....	3 75
June....	61	T. Miltonberger & Co.....	Clothing.....	13 30
June....	62	Geo. H. Spahr.....	Clothing.....	286 90
June....	63	Rukgaber, McGregor & Baines.....	Hardware and tinware.....	71 49
June....	64	C. B. Eshelman.....	Clothing.....	71 45
June....	65	D. I. Holcomb.....	Queensware and glassware.....	20 20
June....	66	P. T. Twinting.....	Butter, codfish, etc.....	83 72
June....	67	Farmers' Co-operative Store.....	Butter, eggs, etc.....	261 22
June....	68	Wm. H. Schliep.....	Tobacco.....	31 25
June....	69	B. H. Crane.....	Hardware and repairs.....	30 30
June....	70	S. Harter.....	Repairing wagons, etc.....	26 30
June....	71	P. Jericho.....	Repairing mattresses, etc.....	12 30
June....	72	Ketcham, Officer & Co.....	Breadstuffs and bran.....	749 02
June....	73	Bowman & Kauffman.....	Coal.....	37 91
June....	74	Templin Bros. & Woods.....	Dry goods.....	4 35

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
June.....	75	Lehew & McKibben	Butter.....	23 82
June.....	76	Geo. L. Talbot	Boots, shoes, and repairs.....	21 65
June.....	77	L. F. Willard	Repairing harness.....	10 95
June.....	78	R. Eshelman	Clothing.....	25 00
June.....	79	Geo. W. McAdam	Paper and printing	8 50
June.....	80	D. L. Morse.....	Horseshoeing	1 40
June.....	81	H. L. Phillips.....	Repairing farm implements.....	1 45
June.....	82	R. C. Wells.....	Horseshoeing.....	1 35
June.....	83	P. Summers.....	Butter, eggs, etc.....	571 70
June.....	84	McAdam Bros.....	Photographs of hospital.....	12 00
June.....	85	L. W. Taylor & Co.....	Flour.....	26 00
June.....	86	P. T. Twinting & Son	Lumber	10 20
June.....	87	Shields & Tomlinson.....	Flour	24 00
June.....	88	G. B. Brooks.....	Horseshoeing.....	5 36
June.....	89	Schafer & Hofman.....	Medical supplies.....	174 60
June.....	90	Hawk-Eye Publishing Co.....	Exchanges	13 00
June.....	91	C., B. & Q. R. R.....	Freight.....	102 18
June.....	92	Male employes.....	Salaries and wages.....	1505 11
June.....	93	Female employes.....	Salaries and wages.....	676 67
June.....	94	Day laborers.....	Salaries and wages.....	580 62
June.....	95	Officers' salaries.....	Salaries	1650 00
July.....	1	William Campbell	Butter.....	5 55
July.....	2	J. P. Bangham	Return of patient.....	3 00
July.....	3	W. A. Cobb	Sand	11 64
July.....	4	Frank Hobart	Brooms.....	5 00
July.....	5	Ned Burns.....	Fruit.....	1 00
July.....	6	Wm. M. Brown & Bro.....	Coal.....	167 22

July.....	7	W. E. McCoy.....	Sand	51 48
July.....	8	William Burns.....	Sand	13 24
July.....	9	W. A. Cobb	Sand	8 60
July.....	10	Geo. Cobb	Sand	30 52
July.....	11	L. H. Fenton.....	Digging graves.....	21 50
July.....	12	Vancise & Throop.....	Printing and exchanges.....	42 20
July.....	13	John Rukgaber	Sawed flag.....	35 22
July.....	14	J. P. W. Jenkins	Sand	10 28
July.....	15	Daniel Risser, Sr.....	Slippers	171 00
July.....	16	Chas. Orr	Sand	6 66
July.....	17	J. W. Williams.....	Interest on loan to treasurer.....	12 70
July.....	18	H. M. Bassett.....	Interest on loan to treasurer.....	58 20
July.....	19	W. P. Saunders	Transfer of patients	3 00
July.....	20	A. Baxter.....	Transfer of patients	5 00
July.....	21	C., B. & Q. R. R.....	Removal of patients	48 72
July.....	22	B., C. R. & N. R. R.....	Removal of patients	278 40
July.....	23	B., C. R. & N. R. R.....	Removal of patients	38 40
July.....	24	C., B. & Q. R. R.....	Removal of patients	6 72
July.....	25	John Redfearn.....	Oats.....	35 06
July.....	26	T. W. Fawcett.....	Visiting Committee	18 00
July.....	27	Garlick, Waters & Co	Wool-yarn	3 75
July.....	28	Thos. Gibblin	Fruit.....	3 01
July.....	29	T. V. Taft.....	Interest on loan to treasurer.....	6 91
July.....	30	M. L. Edwards.....	Exchange, discount, express	176 62
July.....	31	Wm. M. Warwick.....	Print	3 59
July.....	32	R. M. Martin.....	Print.....	11 43
July.....	33	Edward R. Squibb.....	Medical supplies.....	137 74
July.....	34	Pott, Young & Co.....	Library	24 17
July.....	35	Mrs. E. A. Roekhold.....	Making shirts	45 00
July.....	36	C., B. & Q. R. R.....	Freight.....	27 55
July.....	37	H. A. Zuhn.....	Repairing wagons	2 90
July.....	38	Geo. A. Talley.....	Repairing wagons	8 10
July.....	39	S. Harter.....	Repairing wagons	10 26
July.....	40	L. F. Willard.....	Repairing harnesses	3 75
July.....	41	B. H. Crane.....	Hardware and repairs	8 95
July.....	42	Farmers' Co-operative Store	Butter, eggs, potatoes, etc.....	81 85
July.....	43	Humphrey & Eshelman.....	Clothing.....	26 50
July.....	44	Rukgaber, McGregor & B.....	Hardware and tinware	19 80

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
July	45	Mrs. E. M. Elliott	Bonnets	\$ 6 00
July	46	Geo. W. McAdam	Printing	18 00
July	47	Mt. Pleasant post-office	Stamps	6 00
July	48	Mt. Pleasant Gas Works	Lights	152 40
July	49	Geo. H. Spahr	Clothing	104 95
July	50	Geo. L. Talbot	Boots and slippers	5 80
July	51	C. B. Eshelman	Clothing	47 00
July	52	P. Summers	Flour, potatoes, and eggs	65 20
July	53	H. T. Bird	Medical supplies	8 20
July	54	Wm. H. Schliep	Tobacco	10 25
July	55	R. Eshelman	Clothing	44 00
July	56	Robinson Bros.	Dry goods	21 69
July	57	Templin Bros. & Woods	Dry goods	8 00
July	58	W. F. Dougherty	Furniture	21 25
July	59	Chas. Snider & Co.	Medical supplies	7 00
July	60	P. T. Twinting	Sorghum, potatoes, eggs, etc.	13 88
July	61	Royce & Hopping	Repairs	19 64
July	62	Bowman & Kaufman	Coal	15 58
July	63	P. T. Twinting	Lumber	18 75
July	64	Ketcham, Officer & Co.	Breadstuffs and bran	51 30
July	65	Male employes	Salaries and wages	1522 96
July	66	Female employes	Salaries and wages	666 40
July	67	Day laborers	Salaries and wages	527 79
August	1	Jno. Beckelt	Return of patient	7 45
August	2	J. B. Pearce	Fruit	1 54
August	3	H. Ballentine	Return of patient	7 28
August	4	William Kean	Lime	9 00

71

August	5	Thomas A. Lee	Cattle	769 95
August	6	Risk & Bryan	Flour	288 92
August	7	George Flinn	Sand	4 80
August	8	John Jackson	Butter	8 60
August	9	William Lawrence	Sheep	20 94
August	10	Porter & New	Sawdust	1 00
August	11	William Campbell	Butter	6 82
August	12	H. H. Reynolds	Hauling coal	4 67
August	13	Pancoast & Manle	Steam fittings	241 01
August	14	L. S. Kincaid	Visiting Committee	22 00
August	15	Mark Ranney	Interest on loan to treasurer	658 22
August	16	D. B. Stevens	Brick	19 57
August	17	Hugh Ballentine	Return of patient	1 82
August	18	Tilden & Co.	Medical supplies	51 85
August	19	Russell & Erwin Manufacturing Co.	Locks and keys	33 47
August	20	Parke, Davis & Co.	Medical supplies	32 47
August	21	E. C. Cook & Bro	Awnings and frames	13 50
August	22	Sharp & Smith	Medical	17 50
August	23	M. L. Edwards	Fruit	1 20
August	24	C. Rukgaber	Labor on stone	5 08
August	25	Alva Holland	Corn	12 45
August	26	J. R. Backus	Butter	43 00
August	27	James Frame	Coal	23 30
August	28	L. H. Fenton	Digging graves	12 00
August	29	John Rukgaber	Sawed flag, and water-table	97 55
August	30	Fix & Postlewaite	Coal	30 24
August	31	Schafer & Hofmann	Medical supplies	76 05
August	32	J. R. Burnham & Co	Linseed oil	29 14
August	33	M. J. Taylor & Co.	Tobacco	52 00
August	34	Binklen, Winzer & Co.	Sugar	137 83
August	35	William Blom	Caustic soda	37 56
August	36	Acres, Blackmar & Co.	Stationery	13 50
August	37	C. P. Squires & Co.	Medical supplies	22 75
August	38	Gould, Fisher & Wells	Sugar	124 93
August	39	Grannis & Farwell	Codfish	16 75
August	40	Knowles, Cloyes & Co.	Starch	6 30
August	41	W. M. Hoyt & Co	Beans	44 52
August	42	John H. Gear	Sugar and coffee	140 15

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT
1878.				
August ..	43	Pilger Bros	Groceries	\$ 21 15
August ..	44	McNab & Johnston	Codfish	65 50
August ..	45	Fieldhouse, Dutcher & Belden	Pipe and fittings	37 46
August ..	46	Edward R. Squibb, M. D.	Medical supplies	128 19
August ..	47	Douglas, Street & Co.	Sugar	76 45
August ..	48	P. T. Twinting & Son	Lumber	65 45
August ..	49	Templin Bros. & Woods	Dry goods	69 73
August ..	50	S. & A. B. Saunders	Dry goods	6 00
August ..	51	E. F. Ross	Lumber	36 82
August ..	52	Farmers' Co-operative Store	Butter, eggs, etc.	92 83
August ..	53	D. L. Morse	Horseshoeing	21 75
August ..	54	B. H. Crane	Hardware and repairs	23 55
August ..	55	Geo. L. Talbot	Boots, shoes, slippers, etc.	9 00
August ..	56	Geo. H. Spahr	Clothing	18 75
August ..	57	R. C. Wells	Horseshoeing	6 55
August ..	58	Chas. Snider & Co.	Medical supplies	2 85
August ..	59	Mt. Pleasant Gas Works	Lights	176 00
August ..	60	P. Summers	Butter, eggs, etc.	157 84
August ..	61	Royce & Hopping	Repairs	6 35
August ..	62	Ketcham, Officer & Co.	Breadstuffs and bran	26 78
August ..	63	S. Harter	Wagon repairs	2 00
August ..	64	Rukgaber, McGregor & Co.	Hardware, tinware, etc.	57 70
August ..	65	P. Jericho	Repairing mattresses, etc.	9 70
August ..	66	Geo. W. McAdam	Exchanges and printing	17 50
August ..	67	P. T. Twinting	Butter, eggs, etc.	8 96
August ..	68	Mt. Pleasant P. O.	Postage	15 00
August ..	69	T. Miltonberger & Co.	Clothing	31 00

August ..	70	Humphrey & Eshelman	Clothing	52 20
August ..	71	H. T. Bird	Medical supplies	7 16
August ..	72	N. Grensel & Co	Hauling coal, etc.	6 50
August ..	73	Griffith, Burkett & Co	Hardware	14 81
August ..	74	Penn & Holwick	Dry goods	5 74
August ..	75	D. F. Holcomb	Glassware, etc.	7 87
August ..	76	W. F. Dougherty	Furniture	164 50
August ..	77	Chas. Prince	Repairs	1 25
August ..	78	Geo. Josselyn	Building plans	71 38
August ..	79	Rukgaber, McGregor & Baines	Roofing, cornice, etc.	191 20
August ..	80	C. B. & Q. R. R.	Freight	148 95
August ..	81	Male employes	Salaries and wages	1522 81
August ..	82	Female employes	Salaries and wages	654 14
August ..	83	Day laborers	Salaries and wages	541 34
Septemb'r	1	Burlington Hawk-Eye	Subscription	10 00
Septemb'r	2	A. W. Holland	Corn	11 15
Septemb'r	3	A. W. Holland	Corn	10 85
Septemb'r	4	M. J. Boyer	Oats	4 73
Septemb'r	5	D. M. Holland	Corn	11 65
Septemb'r	6	Microscopical Journal	Subscription	3 00
Septemb'r	7	D. Helphry	Sheep	82 86
Septemb'r	8	H. M. Bassett	Interest on loan to treasurer	282 88
Septemb'r	9	Henry E. Babcock	Straw	6 00
Septemb'r	10	Jesse Stubbs	Use of scraper	2 10
Septemb'r	11	Dan'l Risser, Sr	Slippers	43 50
Septemb'r	12	Jno. Sanquist	Cutting suits	15 00
Septemb'r	13	Western U. Tel. Co	Telegraphing	5 66
Septemb'r	14	Chas. Ferrell	Corn	6 23
Septemb'r	15	Mrs. L. S. Kincaid	Visiting Committee	22 00
Septemb'r	16	T. W. Fawcett	Visiting Committee	18 00
Septemb'r	17	S. B. Olney	Visiting Committee	38 20
Septemb'r	18	H. M. Bassett	Interest on loan to treasurer	21 10
Septemb'r	19	J. M. W. Jones	Stationery	25 45
Septemb'r	20	L. H. Fenton	Digging graves, etc.	13 50
Septemb'r	21	W. P. Young	Cattle	492 10
Septemb'r	22	M. L. Edwards	Interest on loan to hospital	345 24
Septemb'r	23	Mary Ann Blower	Interest on loan to treasurer	12 45
Septemb'r	24	Meno Trope	Interest on loan to treasurer	35 55

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
Septemb'r	25	M. L. Edwards.....	Commission as treasurer.....	\$ 164 38
Septemb'r	26	M. S. Bowers.....	Corn.....	10 56
Septemb'r	27	James Courtney.....	Corn.....	22 35
Septemb'r	28	Bowman & Kaufman.....	Coal.....	107 20
Septemb'r	29	A. Allison.....	Corn.....	3 80
Septemb'r	30	M. S. Bowers.....	Corn.....	5 22
Septemb'r	31	S. N. Thompson.....	Crockery.....	6 20
Septemb'r	32	Henry Avery.....	Vinegar.....	6 00
Septemb'r	33	Glenny & Gladden.....	Farm machinery.....	19 00
Septemb'r	34	Geo. W. McAdam.....	Printing.....	18 00
Septemb'r	35	Mt. Pleasant post-office.....	Postage and envelops.....	32 40
Septemb'r	36	Wm. M. Brown & Bros.....	Coal.....	379 24
Septemb'r	37	Field, Leiter & Co.....	Dry goods.....	309 81
Septemb'r	38	Jno. Rukgaber.....	Stone, coping, etc.....	205 35
Septemb'r	39	Mary Smith.....	Music.....	28 00
Septemb'r	40	P. T. Twinting & Son.....	Lumber.....	41 94
Septemb'r	41	A. Gruber.....	Making and dressing tools.....	39 95
Septemb'r	42	Wm. McKibben.....	Butter.....	9 20
Septemb'r	43	Risk & Bryan.....	Flour and bran.....	304 35
Septemb'r	44	Grannis & Farwell.....	Syrup.....	36 20
Septemb'r	45	Hawk-Eye Publishing Co.....	Exchanges.....	13 00
Septemb'r	46	Jno. H. Gear.....	Coffee and sugar.....	257 11
Septemb'r	47	Knowles, Cloyes & Co.....	Starch.....	5 60
Septemb'r	48	Union Foundry Works.....	Stairway.....	214 10
Septemb'r	49	Gould, Fisher & Wells.....	Sugar.....	119 32
Septemb'r	50	Geo. H. Schafer & Co.....	Medical supplies.....	25 45
Septemb'r	51	American Tube Works.....	Brass tubes.....	272 00

Septemb'r	52	Russell & Erwin Manufacturing Co.....	Locks and keys.....	31 12
Septemb'r	53	Edward R. Squibb.....	Medical supplies.....	124 13
Septemb'r	54	Bowen & Moore.....	Medical supplies.....	101 97
Septemb'r	55	J. A. Fay & Co.....	Wood-working machinery.....	36 00
Septemb'r	56	Collier, Robertson & Hambleton.....	Coffee.....	108 64
Septemb'r	57	Ketcham, Officer & Co.....	Breadstuffs and bran.....	108 16
Septemb'r	58	Leedham & Baugh.....	Window sash.....	8 00
Septemb'r	59	P. T. Twinting.....	Ham, butter, eggs, etc.....	68 21
Septemb'r	60	J. F. Sargent.....	Stationery.....	7 10
Septemb'r	61	George H. Spahr.....	Clothing.....	99 50
Septemb'r	62	Mt. Pleasant Gas Works.....	Lights.....	236 00
Septemb'r	63	Rukgaber, McGregor & Baines.....	Hardware and tinware.....	41 45
Septemb'r	64	Farmers' Co-operative Store.....	Sugar, butter, eggs, etc.....	138 91
Septemb'r	65	Thomas Hollowell.....	Fruit.....	1 30
Septemb'r	66	J. W. Henderson.....	Current expense, petty account.....	196 51
Septemb'r	67	Freight.....	C., B. & Q. R. R.....	173 67
Septemb'r	68	Male employes.....	Salaries and wages.....	1514 91
Septemb'r	69	Female employes.....	Salaries and wages.....	651 63
Septemb'r	70	Day laborers.....	Salaries and wages.....	943 59
Septemb'r	71	Officers' salaries.....	Salaries.....	1650 00
October..	1	T. H. Antrobus.....	Corn.....	5 55
October..	2	J. E. Brown.....	Oats.....	18 37
October..	3	M. S. Bowers.....	Corn.....	5 44
October..	4	H. J. Spry.....	Corn.....	3 95
October..	5	J. M. Holland.....	Butter.....	3 00
October..	6	S. Hewitt.....	Eggs.....	4 50
October..	7	John Rukgaber.....	Flagging.....	615 50
October..	8	J. R. Pennington.....	Corn.....	4 41
October..	9	A. T. Lindley.....	Corn.....	4 85
October..	10	Frank Carmean.....	Corn.....	20 30
October..	11	W. E. Lyons.....	Corn.....	9 47
October..	12	Patrick O'Connor.....	Building stone.....	10 20
October..	13	William T. Allen & Co.....	Coffee.....	23 72
October..	14	Daniel Gavin.....	Corn.....	4 60
October..	15	H. Harrison.....	Sheep.....	173 64
October..	16	John Lynch.....	Corn.....	12 30
October..	17	John Hanson.....	Cattle.....	98 89
October..	18	H. W. Hanson.....	For lease of ground.....	78 00

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
October..	19	Thos. Lytle.....	Apples.....	19 25
October..	20	Lyman Cobb.....	Corn.....	19 90
October..	21	S. T. Hills.....	Cattle.....	282 18
October..	22	Jno. Gavin.....	Corn.....	5 45
October..	23	William Burns.....	Rock.....	10 62
October..	24	Fieldhouse, Dutcher & Belden.....	Flue cleaner.....	12 81
October..	25	Frank Carmean.....	Corn.....	17 10
October..	26	B. C. Kauffman.....	Molasses.....	395 67
October..	27	A. Foreman.....	Cattle.....	255 75
October..	28	Thos. Lytle.....	Apples.....	26 12
October..	29	James Wilson.....	Apples.....	14 40
October..	30	J. P. Bangham.....	Threshing grain.....	50 52
October..	31	Western Union Telegraph Co.....	Telegraphing.....	1 85
October..	32	Albert Wells.....	Apples.....	21 28
October..	33	W. A. Cobb.....	Macadamizing stone.....	13 56
October..	34	N. B. Andrews.....	Apples.....	6 81
October..	35	Patrick Gavin.....	Corn.....	5 37
October..	36	A. Foreman.....	Apples.....	13 75
October..	37	Thos. Lytle.....	Apples.....	31 39
October..	38	C. Bechler.....	Butter.....	141 60
October..	39	P. Summers.....	Flour, butter, eggs, etc.....	169 01
October..	40	T. H. Nevin & Co.....	Putty.....	4 50
October..	41	McNab & Johnston.....	Codfish.....	59 83
October..	42	L. Gould & Co.....	Clothes-baskets.....	9 00
October..	43	William Blom.....	Soap.....	60 00
October..	44	L. H. Dalhoff & Co.....	Suspenders and spectacles.....	20 25
October..	45	Pilger Bros.....	Groceries.....	133 18

October..	46	Sharp & Smith.....	Medical supplies.....	10 25
October..	47	G. C. Cook & Co.....	Tea.....	54 18
October..	48	S. Harter.....	Wagon repairs.....	3 73
October..	49	R. C. Wells.....	Horseshoeing.....	9 00
October..	50	Jno. W. Powell.....	Crockery and glassware.....	12 00
October..	51	W. F. Dougherty.....	Wardrobes.....	204 00
October..	52	Geo. H. Spahr.....	Clothing.....	116 75
October..	53	Mt. Pleasant post-office.....	Postage and envelops.....	80 00
October..	54	Rukgaber, McGregor & Baines.....	Hardware, etc.....	99 54
October..	55	Templin Bros. & Woods.....	Dry goods.....	115 19
October..	56	B. F. Ross.....	Lumber.....	78 75
October..	57	Griffith, Burkett & Co.....	Hardware.....	13 20
October..	58	Mt. Pleasant Gas Works.....	Lights.....	364 80
October..	59	Chas. Snider & Co.....	Medical supplies.....	81 12
October..	60	Humphrey & Eshelman.....	Clothing.....	35 00
October..	61	Farmers' Co-operative Store.....	Butter, eggs, etc.....	109 30
October..	62	L. F. Willard.....	Harness repairs.....	12 80
October..	63	B. H. Crane.....	Hardware, etc.....	27 73
October..	64	P. T. Twinting.....	Butter, eggs, and fish.....	42 86
October..	65	H. N. Crane.....	Stationery.....	32 49
October..	66	G. A. Talley.....	Wagon repairs.....	20 70
October..	67	E. L. Penn & Co.....	Shoes and slippers.....	8 53
October..	68	Shields & Tomlinson.....	Flour.....	96 60
October..	69	J. R. Backus.....	Chickens, butter, and apples.....	15 56
October..	70	T. H. Garlick.....	Woolen mittens and caustic soda.....	23 20
October..	71	William M. Brown & Bros.....	Coal.....	273 05
October..	72	D. L. Moore.....	Horseshoeing.....	6 55
October..	73	Mary B. Smith.....	Music.....	8 00
October..	74	Ketcham, Officer & Co.....	Breadstuffs and bran.....	413 02
October..	75	C. B. & Q. R. R.....	Freight.....	113 86
October..	76	Male employes.....	Salaries and wages.....	1537 16
October..	77	Female employes.....	Salaries and wages.....	636 41
October..	78	Day laborers.....	Salaries and wages.....	962 86
Novemb'r	1	James Lawrence.....	Apples.....	9 25
Novemb'r	2	Jos. Thompson.....	Apples.....	29 31
Novemb'r	3	William Ramey.....	Apples.....	5 93
Novemb'r	4	Patrick Gavin.....	Corn.....	5 94
Novemb'r	5	Michael O'Connor.....	Corn.....	5 07

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
Novemb'r	6	Thos. Lytle	Apples	\$ 22 50
Novemb'r	7	A. B. Parrott	Corn	5 48
Novemb'r	8	Thos. Powers	Wood	4 87
Novemb'r	9	Mrs. L. S. Kincaid	Visiting Committee	22 00
Novemb'r	10	Donahue & McCosh	Boiler materials	131 56
Novemb'r	11	Con. Gleason	Corn	5 20
Novemb'r	12	William Alter	Corn	4 69
Novemb'r	13	H. Pennebaker	Corn	4 48
Novemb'r	14	John Pennebaker	Corn	4 71
Novemb'r	15	J. E. Heston	Cider	4 10
Novemb'r	16	William Courtney	Corn	6 43
Novemb'r	17	William Grayble	Corn	4 20
Novemb'r	18	Con. Gleason	Corn	6 05
Novemb'r	19	Patrick Barry	Corn	5 00
Novemb'r	20	August Kudoby	Flour	44 00
Novemb'r	21	Frank Mathews	Cattle	309 33
Novemb'r	22	Robert Krause	Blankets and clothing	236 92
Novemb'r	23	Field, Leiter & Co.	Dry goods and clothing	1064 34
Novemb'r	24	B. F. Sterzing & Co.	Ice	131 76
Novemb'r	25	August Kudoby	Bran	9 74
Novemb'r	26	Thomas Cadwell	Corn	4 45
Novemb'r	27	J. Pennebaker	Corn	4 82
Novemb'r	28	Thos. Gavin	Corn	10 65
Novemb'r	29	Wm. W. McKibben	Chickens and butter	61 80
Novemb'r	30	T. E. Stevens	Butter	44 60
Novemb'r	31	L. H. Fenton	Digging graves	6 50
Novemb'r	32	Patrick O'Connor	Macadamizing rock	120 60

Novemb'r	33	Daniel Gavin	Corn	5 28
Novemb'r	34	William Sullivan	Corn	4 60
Novemb'r	35	Jno. Bell	Cider	5 25
Novemb'r	36	Mrs. E. A. Rockhold	Making shirts	27 80
Novemb'r	37	R. Krause	Blankets	92 50
Novemb'r	38	M. J. Taylor & Co.	Tobacco	62 40
Novemb'r	39	Donahue & McCosh	Boiler material	12 62
Novemb'r	40	Geo. H. Schafer & Co.	Medical supplies	6 00
Novemb'r	41	McNab & Johnston	Codfish	37 50
Novemb'r	42	Edward R. Squibb	Medical supplies	89 86
Novemb'r	43	Cincinnati Electric and C. Light	Lime sticks	1 20
Novemb'r	44	Mt. Pleasant post-office	Stamped envelopes	82 00
Novemb'r	45	George Lake	Corn	26 68
Novemb'r	46	Thos. Gavin	Corn	10 26
Novemb'r	47	Jno. A. Sanquist	Cutting suits	9 00
Novemb'r	48	Samuel Waters	Cattle	343 70
Novemb'r	49	Thos. Sullivan	Corn	5 17
Novemb'r	50	Sam'l Baker	One steer	55 16
Novemb'r	51	Dan'l Risser, Sr	Slippers	76 50
Novemb'r	52	Thos. Sullivan	Corn	5 02
Novemb'r	53	C. Hurley	Turkeys	16 80
Novemb'r	54	T. J. Price	Flour	346 40
Novemb'r	55	W. J. Hackney	Turkeys	9 36
Novemb'r	56	Jno. Bell	Subscription	15 00
Novemb'r	57	American Journal of Insanity	Subscription	10 00
Novemb'r	58	G. B. Brooks	Horseshoeing	5 07
Novemb'r	59	R. R. Grant	One steer	38 78
Novemb'r	60	Dan'l Gavin	Corn	6 42
Novemb'r	61	Western Union Tel. Co.	Telegraphing	1 50
Novemb'r	62	Z. R. Powell	Corn	5 60
Novemb'r	63	Jno. Bland	Sugar	286 25
Novemb'r	64	G. C. Cook & Co.	Coffee	110 19
Novemb'r	65	Sharp & Smith	Medical supplies	11 31
Novemb'r	66	Edward L. Wilson	Library and diversions	7 00
Novemb'r	67	Peter Fawcett	Boiler patterns	20 00
Novemb'r	68	P. T. Twinting	Lumber	8 50
Novemb'r	69	R. C. Wells	Horseshoeing	2 45
Novemb'r	70	D. L. Morse	Horseshoeing	5 25

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
Novemb'r	71	L. Ketcham & Bros	Breadstuffs and bran	\$ 78 67
Novemb'r	72	Royce & Hopping	Hardware and repairs	543 09
Novemb'r	73	Sol Hewitt	Groceries	8 89
Novemb'r	74	Donahue & McCosh	Boiler material	331 98
Novemb'r	75	W. J. Parker	Dry goods	36 55
Novemb'r	76	B. F. Ross	Lumber	80 40
Novemb'r	77	Mt. Pleasant Gas Works	Lights	432 80
Novemb'r	78	G. A. Talley	Repairs on wagons	12 80
Novemb'r	79	Rukgaber, McGregor & Baines	Hardware, etc	46 95
Novemb'r	80	W. F. Dougherty	Wardrobes	150 00
Novemb'r	81	W. M. Schliep	Tobacco	6 75
Novemb'r	82	R. Eshelman	Clothing	28 95
Novemb'r	83	Humphrey & Eshelman	Clothing	2 50
Novemb'r	84	Farmers' Co-operative Store	Butter and eggs	178 69
Novemb'r	85	John W. Powell	For farm	2 20
Novemb'r	86	William Timmerman & Co	Boots and slippers	34 70
Novemb'r	87	George H. Spahr	Clothing	68 85
Novemb'r	88	Mt. Pleasant Journal	Printing and exchanges	20 30
Novemb'r	89	T. Miltonberger & Co	Clothing	27 00
Novemb'r	90	Edward L. Wilson	Library and diversions	236 70
Novemb'r	91	U. L. Phillips	Repairs on farm implements	8 50
Novemb'r	92	H. T. Bird	Medical supplies	70 60
Novemb'r	93	Schafer & Hofman	Medical supplies	81 95
Novemb'r	94	James Frame	Coal	142 96
Novemb'r	95	M. L. Edwards	Discount, exchange, and express	217 65
Novemb'r	96	A. Roper	Interest on loan to treasurer	40 00
Novemb'r	97	T. V. Taft	Interest on loan to treasurer	11 50

Novemb'r	98	August Hall	Interest on loan to treasurer	24 60
Novemb'r	99	Freight	C., B. & Q. R. R.	344 17
Novemb'r	100	Male employes	Salaries and wages	1395 64
Novemb'r	101	Female employes	Salaries and wages	642 41
Novemb'r	102	Day laborers	Salaries and wages	592 93
December	1	John W. Powell	Tools	20 00
December	2	Benj. King	Cattle	220 41
December	3	William Campbell	Cement	80 00
December	4	William Kneen	Buckwheat	4 00
December	5	Murray Iron Works	Repairs	8 65
December	6	T. S. & A. J. Kirkwood	Rawhide belt	12 38
December	7	Donahue & McCosh	Boiler material	198 31
December	8	A. M. Gilbert & Co	Truck	25 00
December	9	H. H. Reynolds	Hauling coal	1 25
December	10	Charles Prince	Repairs on washing-machine, etc.	33 75
December	11	L. H. Fenton	Digging graves, and pumping	15 50
December	12	William M. Brown & Bros	Coal	561 92
December	13	C. A. Swan	Turkeys and chickens	7 92
December	14	John Gavin	Corn	196 05
December	15	T. E. Stevens	Butter	20 80
December	16	H. A. Zuhn	Wagon repairs	10 95
December	17	T. Houck	Turkeys	4 00
December	18	Nicholas Thill	Lard tierces, and coopering	6 90
December	19	William Courtney	Corn	5 70
December	20	J. N. Dutton	Cattle	746 00
December	21	Geo. Lake	Corn	4 40
December	22	August Kudoby	Bran	3 20
December	23	T. Houck	Corn	5 77
December	24	Geo. Lake	Corn	5 83
December	25	Harper & Bros	Library	10 00
December	26	T. W. Fawcett	Visiting Committee	18 00
December	27	Chauncy Billings	Library and diversions	5 00
December	28	Mark Ranney	Telegraphing, etc	73 25
December	29	John Oaks	Turkeys	3 05
December	30	Walter Dunham	Geese	5 38
December	31	Penn & Holwick	Dry goods	14 51
December	32	E. L. Penn & Co	Shoes and repairs	91 70
December	33	John Bell	Turkeys	16 00

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1878.				
December	34	Western Union Tel. Co.	Telegraphing	\$ 1 00
December	35	O. V. Stough	Music	55 25
December	36	H. M. Bassett	Telegraphing	2 50
December	37	Jno. Rukgaber	Sawed flag	90 66
December	38	Jno. Sanquist	Cutting suits	7 50
December	39	Royce & Hopping	Window-guards and repairs	245 57
December	40	L. Ketcham & Bros.	Breadstuffs and bran	50 26
December	41	D. I. Holcomb	Crockery and glassware	26 78
December	42	G. A. Talley	Livery, and wagon repairs	30 70
December	43	S. W. Garvin	Dry goods	14 17
December	44	Auten, Andrews & Co.	Coal	60 66
December	45	Pancoast & Manle	Pipe, fittings, etc.	193 15
December	46	M. J. Taylor & Co.	Tobacco	20 80
December	47	Jno. Blane	Tea	92 97
December	48	William Blom	Soap and caustic soda	102 06
December	49	Clinton Wire Cloth Co.	Window-guards	162 57
December	50	Fieldhouse, Dutcher & Belden	Valves, water-gauge, cocks, etc.	31 98
December	51	Jno. H. Gear	Sugar and coffee	270 66
December	52	Geo. C. Cook & Co.	Tea	120 00
December	53	McNab & Johnston	Fish	52 63
December	54	Crane Bros M'fg Co.	Registers	48 02
December	55	Christian Mathes	Lard oil	30 87
December	56	Delahaye & Purdy	Medical supplies	53 50
December	57	Donahue & McCosh	Boiler material	48 98
December	58	Pilger Bros.	Groceries	141 82
December	59	Ford Barnes, Sr. (deceased)	Land rent	54 62
December	60	S. W. Garvin	By error, duplicate of No. 43	

December	61	J. R. Burnhan & Co.	Boiled oil	60 97
December	62	Hawk-Eye Publishing Co.	Exchanges	13 00
December	63	Biklen, Winzer & Co.	Sugar and beans	104 67
December	64	Humphrey & Eshelman	Clothing	31 65
December	65	P. Summers	Groceries	22 08
December	66	B. H. Crane	Hardware and repairs	72 44
December	67	Jno. G. Budde	Lemons, etc.	13 90
December	68	Geo. L. Talbot	Boots and repairs	3 65
December	69	Chas. Prince	Work on boiler	51 30
December	70	Chas. Snider & Co.	Medical supplies	4 40
December	71	Rukgaber, McGregor & Baines	Gas tank, hardware, etc.	76 25
December	72	H. N. Crane	Stationery	20 01
December	73	Geo. W. McAdam	Printing and exchanges	2 90
December	74	Mt. Pleasant post-office	Box rent and postage	36 30
December	75	Mt. Pleasant Gas Works	Gas fixtures	10 81
December	76	Mary B. Smith	Music	16 00
December	77	C. F. Gunther	Library and diversions	15 25
December	78	Mt. Pleasant Gas Works	Lights	499 60
December	79	Bowman & Kaufman	Coal	28 80
December	80	L. J. Carron	Cattle	219 14
December	81	Jno. Rukgaber	Sawed flag and curbing	432 12
December	82	C., B. & Q. R. R.	Freight	346 05
December	83	Male employes	Salaries and wages	1424 31
December	84	Female employes	Salaries and wages	652 81
December	85	Day laborers	Salaries and wages	515 19
December	86	Officers' salaries	Salaries and wages	1500 00
1879.				
January	1	M. L. Edwards	Commission as treasurer	145 15
January	2	Ned Burns, Sr.	Wood	38 70
January	3	C. Hurley	Wood	129 93
January	4	T. E. Stevens	Corn	111 88
January	5	J. S. Loughlin	Boar pig	10 00
January	6	Sol Cavenee	Cattle	114 18
January	7	Nicholas Thill	Lard tierces	3 20
January	8	D. Risser, Sr.	Slippers	99 75
January	9	Rukgaber, McGregor & Baines	Bob-sled	15 50
January	10	C. Bechler	Butter	61 62
January	11	B. H. Crane	Wood	60 00

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
January	12	L. W. Taylor	Flour	\$ 17 50
January	13	T. E. Stevens	Butter	12 70
January	14	H. H. Reynolds	Hauling coal	6 85
January	15	Harry Lathrop	Hauling coal	8 71
January	16	L. H. Fenton	Hauling, and grave digging	5 50
January	17	H. H. Reynolds	Hauling coal	4 61
January	18	T. W. Fawcett	Visiting Committee	18 00
January	19	B. C. Chandler	Wood	6 00
January	20	L. H. Dalhoff & Co.	Suspenders	12 00
January	21	Geo. H. Schafer & Co.	Medical supplies	12 75
January	22	Jno. Wiley & Sons	Library	7 00
January	23	Edward R. Squibb	Medical supplies	207 81
January	24	E. B. Oren	Wood	6 75
January	25	Tribune Co., Chicago	Library and diversions	14 50
January	26	Harry Lathrop	Hauling coal	2 54
January	27	R. R. Grant	Hogs	178 83
January	28	Lou. Fasold	Removal of patient	20 65
January	29	C. F. Spearman	Corn	78 20
January	30	W. A. Cobb	Coal hauling	2 29
January	31	William Fullerton	Straw	1 92
January	32	Jno. Rukgaber	Macadamizing and flagging stone	647 23
January	33	J. W. Keeler	Clothing	7 25
January	34	H. M. Bassett	Removal of patient	14 47
January	35	Iowa State Register	Exchanges	18 20
January	36	Henry C. Lea	Library and diversions	6 00
January	37	James Frame	Coal	534 55
January	38	Jno. Rukgaber	Flagging	269 83

January	39	Shields & Tomlinson	Flour	80 00
January	40	Emily Chalfant	Corn	32 93
January	41	William M. Brown & Bros.	Coal	379 14
January	42	Royce & Hopping	Castings	38 59
January	43	Western Union Telegraph Co.	Telegraphing	2 73
January	44	John McLaughlin	Hogs	19 24
January	45	Shelby Grim	Hauling coal	2 48
January	46	Thornton Willetts	Butter	1 20
January	47	Smith & Hagans	Medical supplies	2 25
January	48	Frederic Coal Mining Co.	Coal	19 42
January	49	Griffith, Burket & Co	Hardware	9 70
January	50	Charles Snider & Co	Medical supplies	7 75
January	51	Mt. Pleasant Gas Works	Lights	299 10
January	52	Thomas Lash	Yarn mittens	5 00
January	53	L. Ketcham & Bros.	Breadstuffs	439 55
January	54	F. E. Hobart	Brooms	7 25
January	55	William Timmerman & Co	Boots and shoes	5 50
January	56	P. Jericho	Renovating mattresses	24 00
January	57	Newbold & Houseman	Salt, chickens, etc.	14 45
January	58	H. T. Bird	Medical supplies	66 00
January	59	B. H. Crane	Hardware	16 65
January	60	Humphrey & Eshelman	Clothing	34 40
January	61	B. F. Ross	Lumber	54 20
January	62	Templin Bros & Woods	Dry goods	12 51
January	63	P. C. Tiffany	Stationery	7 80
January	64	Vancise & Throop	Exchanges	12 20
January	65	E. L. Penn & Holwick	Dry goods	15 82
January	66	G. H. Spahr	Clothing	53 00
January	67	T. Miltonberger & Co	Clothing	32 85
January	68	D. I. Holcomb	Crockery and glassware	5 95
January	69	B. F. Ross	Lumber	486 62
January	70	P. Summers	Eggs and salt	29 70
January	71	W. H. Byrum	Oysters	1 60
January	72	A. Kudoby & Co.	Flour	40 00
January	73	Van Cise & Co.	Furnishing	6 40
January	74	G. A. Talley	Livery	12 35
January	75	D. L. Moore	Horseshoeing	7 00
January	76	Sol Cavenee	Eggs	2 70

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
January	77	R. C. Wells	Horseshoeing	\$ 6 10
January	78	Schafer & Hoffman	Medical supplies	49 40
January	79	Andrew Gruber	Dressing tools	19 85
January	80	Egbert, Fidler & Chambers	Library	162 60
January	81	H. P. Stanley's Sons	Fruit	4 75
January	82	John A. Grant	Bran	56 25
January	83	J. W. Williams	Removing patient	11 81
January	84	C. B. & Q. R. R.	Freight	1138 71
January	85	Male employes	Salaries and wages	1437 31
January	86	Female employes	Salaries and wages	655 34
January	87	Day laborers	Salaries and wages	710 07
February	1	C. P. Squires & Co.	Medical supplies	10 05
February	2	Donahue & McCosh	Botler material	5 50
February	3	Field, Leiter & Co	Dry goods and furnishing	45 96
February	4	William Blom	Soap	52 00
February	5	G. C. Cook & Co.	Tea	34 65
February	6	W. S. Courtney	Vinegar	7 40
February	7	Wm. Russell	Sheep	68 43
February	8	Wm. Russell	Hogs	116 95
February	9	L. H. Fenton	Labor	17 00
February	10	J. C. Sturges	Hauling ice	1 25
February	11	J. K. Rodgers	Straw	12 70
February	12	Newton Rodgers	Straw	13 82
February	13	Charles Prince	Harness repairs	12 50
February	14	Mt. Pleasant post-office	Postage	32 00
February	15	Nelson Andrews	Butter	5 10
February	16	Mary B. Smith	Music	4 00

16

February	17	William Loomis	Wood	81 17
February	18	Thomas Powers	Wood	41 24
February	19	J. D. Trowbridge	Wood	33 40
February	20	J. D. Forbes	Wood	14 90
February	21	L. F. Willard	Horseshoeing	10 50
February	22	Fieldhouse, Dutcher & Belden	Valves, cocks, and fittings	140 68
February	23	Kiser & Pierson	Breadstuffs	6 45
February	24	Collier, Robertson & Hamilton	Sugar and coffee	160 97
February	25	Clinton Wire Cloth Co	Window guards	50 75
February	26	P. Muldowney	Wood	28 12
February	27	Daniel Hurley	Wood	77 35
February	28	C. Hurley	Wood	41 44
February	29	William Burns	Wood	79 20
February	30	Ned Burns	Wood	43 50
February	31	John Martin	Labor	11 40
February	32	Crane Bros. Manufacturing Co.	Flues	9 38
February	33	Crane Bros. Manufacturing Co.	Flues	7 04
February	34	Moores, Smith & Allis	Radiators	72 00
February	35	Charles Orr	Wood	79 40
February	36	William Summers	Wood	159 75
February	37	Dr. G. Truax & Son	Medical supplies	2 85
February	38	Parke, Davis & Co	Medical supplies	53 36
February	39	William Russell	Hogs	111 65
February	40	Edward Nixon	Hogs	185 04
February	41	Edward R. Squibb	Medical supplies	13 15
February	42	Field, Leiter & Co	Hosiery	45 00
February	43	William Brannigan	New boiler	644 00
February	44	T. W. Fawcett	Visiting Committee	18 00
February	45	Sol Cavene	Butter	2 00
February	46	Daniel Risser, Sr.	Shoes and slippers	127 50
February	47	Pott, Young & Co.	Library	16 00
February	48	E. L. Penn & Holwick	Dry goods	1 35
February	49	Humphrey & Eshelman	Clothing	12 00
February	50	D. L. Moore	Horseshoeing	6 05
February	51	R. C. Wells	Horseshoeing	1 65
February	52	Sol Hewitt	Turkey, chicken, and eggs	5 36
February	53	D. I. Holcomb	Tableware	6 85
February	54	George L. Talbot & Co.	Shoes and repairs	5 35

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
February.	55	B. F. Ross & Bros.	Lumber	51 30
February.	56	Wm. Timmerman & Co.	Slippers	3 85
February.	57	B. H. Crane.	Hardware and tinware	5 15
February.	58	Newbold & Houseman.	Sugar and eggs	25 45
February.	59	Mt. Pleasant Gas Works	Gas fixtures	10 50
February.	60	Mt. Pleasant Gas Works	Lights	323 40
February.	61	H. T. Bird	Medical supplies	3 98
February.	62	Geo. H. Spahr.	Clothing	25 85
February.	63	J. G. Budde	Lemons and oysters	7 40
February.	64	S. & A. B. Saunders.	Dry goods	21 97
February.	65	H. A. Zulm.	Repairs on wagons, etc.	8 25
February.	66	Rukgaber, McGregor & Baines.	Repairing roof, etc.	17 43
February.	67	Patrick O'Connor.	Stone	6 95
February.	68	Jno. Lee.	Vinegar	13 28
February.	69	Rukgaber, McGregor & Baines.	Gas tank, furnishing, etc.	53 97
February.	70	C. B. Eshelman	Clothing	24 00
February.	71	Royce & Hopping.	Repairs, etc.	18 75
February.	72	R. Eshelman.	Clothing	51 25
February.	73	James Frame.	Coal	154 52
February.	74	C. B. & Q. R. R.	Freight	274 02
February.	75	Male employes.	Salaries and wages.	1290 25
February.	76	Female employes	Salaries and wages.	638 37
February.	77	Day laborers.	Salaries and wages.	621 54
March	1	Wm. M. Brown & Bro.	Coal	433 56
March	2	Griffith, Burkett & Co.	Hardware	5 20
March	3	L. H. Fenton	Labor	26 02
March	4	Mary B. Smith.	Music	8 00

March	5	E. L. Penn & Holwick.	Dry goods	4 00
March	6	William Davis.	Lard tierces	30 00
March	7	Pilger Bros.	Matches	6 00
March	8	McNab & Johnston.	Codfish	31 25
March	9	Knowles, Cloyes & Co.	Syrup	47 06
March	10	Eureka Vinegar Co.	Vinegar	6 42
March	11	Farwell, Miller & Co.	Sugar	82 84
March	12	E. D. Golden.	Straw	22 38
March	13	L. W. Taylor & Co.	Breadstuffs	43 66
March	14	Berry Brothers	Hard oil	16 00
March	15	Jno. H. Gear.	Sugar, coffee, etc.	201 89
March	16	Mount Pleasant post-office.	Postage	15 00
March	17	Mount Pleasant Journal.	Printing	14 00
March	18	W. F. Dougherty.	Burial Casket	15 00
March	19	Jno. Becker	Straw	10 41
March	20	Grocers Criterion	Subscription	1 20
March	21	Jno. Van & Co.	Range castings	13 94
March	22	T. E. Stevens.	Butter	23 65
March	23	S. B. Olney	Visiting Committee	38 00
March	24	Frederic Coal & Mining Co.	Coal	24 00
March	25	Peter Henderson & Co.	Roots and seeds	12 15
March	26	M. L. Edwards.	Compensation as treasurer.	132 84
March	27	Wm. M. Brown & Bros.	Coal	461 29
March	28	J. J. Bailey & Co.	Combs, hankerchiefs, etc.	17 25
March	29	Bowen & Moore	Medical supplies	100 98
March	30	Kiser & Pierson.	Meal	4 25
March	31	R. C. Wells.	Horseshoeing	2 80
March	32	T. Miltonberger & Co.	Clothing	51 95
March	33	Delahaye & Purdy.	Medical supplies	51 25
March	34	American Fusee Co.	Matches	9 00
March	35	Peter Fawcett.	Boiler iron	11 20
March	36	Jno. Blane.	Coffee	93 77
March	37	Hawk-Eye Publishing Co.	Bxchanges	13 00
March	38	H. P. Stanley's Sons.	Fruit	3 00
March	39	Edward R. Squibb.	Medical supplies	103 89
March	40	Henry A. Dreer.	Asparagus roots	4 00
March	41	C. P. Squires & Co.	Medical supplies	10 90
March	42	Pilger Bros.	Rice	17 93

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
March	43	Bilken, Winzer & Co.	Sugar	\$ 140 08
March	44	M. J. Taylor & Co.	Tobacco	20 00
March	45	Barstow & Whitelaw	Caustic soda	23 70
March	46	McNab & Johnston	Codfish	52 47
March	47	L. H. Dalhoff & Co.	Clothing	7 70
March	48	Donahue & McCosh	Boiler material	32 47
March	49	Biklen, Winzer & Co.	Sugar	108 57
March	50	Fieldhouse, Dutcher & Belden	Punch	45 50
March	51	B. Hoffman	Medical supplies	30 60
March	52	H. N. Crane	Library	39 95
March	53	L. Ketcham & Bro.	Breadstuffs and bran	512 50
March	54	W. H. Schliep	Tobacco	9 95
March	55	Humphrey & Eshelman	Clothing	18 00
March	56	John Murphy	Wool mittens	6 25
March	57	Royce & Hopping	Grate-bars and repairs	57 35
March	58	Bowman & Kaufman	Coal	118 40
March	59	Mt. Pleasant Gas Works	Lights	309 60
March	60	H. N. Crane	Stationery	16 40
March	61	Newbold & Houseman	Eggs	2 10
March	62	Griffith, Burkett & Co.	Tools, etc.	3 90
March	63	W. F. Dougherty	Burial casket	15 00
March	64	Houghton, Osgood & Co.	Library	5 00
March	65	Edward L. Wilson	Library	1 00
March	66	C. B. & Q. R. R.	Freight	149 60
March	67	Male employes	Salaries and wages	1290 04
March	68	Female employes	Salaries and wages	635 48
March	69	Day laborers	Salaries and wages	292 03

March	70	Officers salaries	Salaries and wages	1450 00
April	1	Pott, Young & Co.	Library	8 50
April	2	L. H. Fenton	Labor	3 00
April	3	C. F. Spearman	Corn	15 90
April	4	Patrick O'Connor	Macadamizing rock	151 00
April	5	J. D. Bartlett	Wood	66 62
April	6	G. H. Spahr	Clothing	20 70
April	7	Patrick O'Connor	Macadamizing rock	40 95
April	8	S. W. Garvin	Dry goods	25 54
April	9	B. F. Ross & Bro.	Lumber	76 38
April	10	A. H. Bereman	Interest on loan to treasurer	42 53
April	11	D. J. Nicholson	Interest on loan to treasurer	7 60
April	12	Peter Lindgren	Interest on loan to treasurer	3 80
April	13	C. H. King	Interest on loan to treasurer	3 80
April	14	Hans Erickson	Interest on loan to treasurer	87 11
April	15	H. M. Bassett	Interest on loan to treasurer	141 29
April	16	Thos. Henderson	Interest on loan to treasurer	29 39
April	17	Mary Coddington	Interest on loan to treasurer	57 75
April	18	Meno Trope	Interest on loan to treasurer	23 76
April	19	Anna Monson	Interest on loan to treasurer	25 11
April	20	Sophia Plumer	Interest on loan to treasurer	11 62
April	21	John Hall	Interest on loan to treasurer	19 02
April	22	M. A. Blower	Interest on loan to treasurer	13 82
April	23	Maggie Calhoun	Interest on loan to treasurer	2 52
April	24	M. L. Edwards	Discount on State warrants	312 80
April	25	Patrick O'Connor	Macadamizing rock	10 80
April	26	B. H. Crane	Hardware and repairs	31 67
April	27	J. W. Henderson	Current expense—petty account	77 21
April	28	Mary B. Smith	Music	8 00
April	29	Western Union Telegraph Co.	Telegraphing	2 28
April	30	H. A. Zuhn	Repairs on wagons	7 00
April	31	William Gladden	Farm machinery	61 50
April	32	Howe & Sutton	Eggs	30 85
April	33	Chris Rukgaber	Labor	21 20
April	34	Henry Long	Labor	12 57
April	35	Mt. Pleasant post-office	Postage	15 50
April	36	Excelsior Starch Manufacturing Co.	Starch	5 04
April	37	B. Killpatrick	Balance due on lease	34 47

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
April	38	U. L. Phillips	Repairs	\$ 2 00
April	39	James Sturgis	Manure	4 50
April	40	T. E. Stevens	Butter	11 39
April	41	B. C. Kauffman	Sorghum	33 69
April	42	A. Kudoby & Co.	Bran	5 91
April	43	A. W. Faulkner	Sawdust	2 00
April	44	H. T. Bird	Furniture	4 50
April	45	C. P. Squires & Co.	Medical supplies	21 65
April	46	Acres, Blackmar & Co.	Library	15 00
April	47	Donahue & McCosh	Boiler iron	5 22
April	48	John Blane	Tea	53 91
April	49	Donahue, McCosh & Co.	Lime	34 00
April	50	Pilger Bros.	Soda	3 30
April	51	Geo. H. Schafer & Co.	Medical supplies	23 75
April	52	J. M. W. Jones	Stationery	3 00
April	53	Fieldhouse, Dutcher & Belden	Fittings	39 30
April	54	H. N. Crane	Library	39 44
April	55	B. F. Ross & Bros.	Lumber	322 24
April	56	Mt. Pleasant Journal	Printing	12 00
April	57	G. H. Gening & Son	Medical supplies	3 00
April	58	G. C. Cook & Co.	Sugar	112 66
April	59	J. J. Bailey & Co.	Hankkerchiefs	9 69
April	60	William McCully & Co.	Glass	110 16
April	61	Edward R. Squibb	Medical supplies	192 89
April	62	William M. Brown & Bros	Coal	97 47
April	63	S. Harter	Wagon repairs	8 75
April	64	P. Summers	Butter, eggs, etc.	64 55

April	65	G. E. Smith	Medical supplies	5 20
April	66	Sol Hewitt	Furnishing	4 30
April	67	W. J. Parker	Dry goods	3 20
April	68	G. H. Spahr	Clothing	16 00
April	69	E. L. Penn & Co	Boots, shoes, repairs, etc	5 70
April	70	E. L. Penn & Holwick	Dry goods	52 17
April	71	Mt. Pleasant Gas Works	Lights	227 10
April	72	Rukgaber, McGregor & Baines	Hardware, etc.	49 67
April	73	Howe & Sutton	Eggs	9 00
April	74	P. Jericho	Plastering hair	10 50
April	75	L. S. Kincaid	Visiting Committee	22 00
April	76	B. H. Crane	Hardware and repairs	7 34
April	77	William Timmerman & Co.	Slippers	4 30
April	78	Royce & Hopping	Sash-guards, etc	31 09
April	79	L. Ketcham & Bros	Breadstuffs and bran	53 02
April	80	L. P. Willard	Harness repairs	9 60
April	81	P. T. Twinting	Flour, eggs, etc	39 53
April	82	H. Fuller	Butter and eggs	23 71
April	83	S. & A. B. Saunders	Dry goods	1 72
April	84	Charles Prince	Labor	4 75
April	85	T. Miltonberger & Co	Clothing	53 25
April	86	R. C. Wells	Horseshoeing	2 40
April	87	D. L. Moore	Horseshoeing	6 50
April	88	A. Kudoby & Co	Flour	43 56
April	89	Thomas Knox	One horse	90 00
April	90	Daniel Risser, Sr	Slippers	142 50
April	91	Farwell, Miller & Co	Coffee	21 46
April	92	Russell & Erwin Manufacturing Co.	Locks, etc	74 69
April	93	Griffith, Burkett & Co.	Hardware	2 10
April	94	Templin Bros & Woods	Dry goods	9 93
April	95	S. N. Thompson	Crockery and glassware	8 83
April	96	Nelson Andrews	Butter	1 50
April	97	George L. Talbot	Slippers and repairs	2 15
April	98	H. T. Bird & Co	Medical supplies	9 90
April	99	C., B. & Q. R. R.	Freight	65 38
April	100	Male employes	Salaries and wages	1325 68
April	101	Female employes	Salaries and wages	600 23
April	102	Day laborers	Salaries and wages	488 86

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
May	1	Bay State Laundry Co.	Mangle cloth	\$ 12 00
May	2	G. L. Putnam's Sons	Library	10 30
May	3	Field, Leiter & Co.	Dry goods	2 54
May	4	L. H. Fenton	Labor	12 50
May	5	C. Bechler	Butter	7 70
May	6	Van Schaack, Stevenson & Co	Medical supplies	1 75
May	7	W. F. Dougherty	Burial expenses	5 00
May	8	A. Kudoby & Co.	Flour and bran	20 94
May	9	W. D. Bray	Polishing-dust	4 50
May	10	Mary B. Smith	Music	8 00
May	11	A. Kudoby & Co.	Flour	30 10
May	12	Smith & Shearman	Repairs	2 50
May	13	Field, Leiter & Co.	Dry goods	255 62
May	14	H. T. Bird	Burial casket	15 00
May	15	Hawk-Eye Pub. Co.	Subscription	10 00
May	16	A. L. Jameson	Charcoal	10 42
May	17	Field, Leiter & Co.	Hosiery	74 72
May	18	G. A. Talley	Repairs	7 85
May	19	H. T. Bird	Furniture	59 10
May	20	A. Kudoby & Co.	Flour	43 00
May	21	S. T. Hills	Sheep	19 00
May	22	Field, Leiter & Co.	Dry goods	79 61
May	23	F. W. Fawcett	Visiting Committee	18 00
May	24	C. H. Martin	Sand	7 85
May	25	Kiser & Pierson	Breadstuffs	4 25
May	26	C. P. Squires & Co.	Medical supplies	9 00
May	27	L. H. Dalhoff & Co.	Hosiery	15 00

May	28	Biklen, Winzer & Co	Sugar and hominy	83 28
May	29	Monmouth Mining and Manufacturing Co	Sewer pipe	13 56
May	30	Pigler Bros	Coffee, salt, etc.	140 83
May	31	Christian Mathes	Lard oil	26 00
May	32	McNab & Johnston	Codfish	52 62
May	33	Donahue & McCosh	Iron and rivets	13 71
May	34	Patrick O'Connor	Macadamizing rock	40 85
May	35	William Blom	Soap	52 00
May	36	M. J. Taylor & Co.	Tobacco	20 00
May	37	Geo. H. Schafer & Co	Medical supplies	12 70
May	38	H. M. Bassett	Removal of patients	45 80
May	39	Knowles, Cloyes & Co.	Tea	45 34
May	40	H. T. Bird	One wardrobe	16 50
May	41	Royce & Hopping	Sash-guards, etc.	13 92
May	42	Mt. Pleasant Gas Works	Lights	170 70
May	43	O. J. Gimble	Butter and eggs	12 47
May	44	D. L. Moore	Horseshoeing	4 20
May	45	Newbold & Houseman	Butter	67 98
May	46	Sayles & Lehw	Butter, salt, etc.	13 55
May	47	S. N. Thompson	Crockery	9 58
May	48	Rukgaber, McGregor & Baines	Chimney tops, repairs, etc.	100 88
May	49	P. T. Twinting	Butter, eggs, etc.	71 72
May	50	Sol Hewitt	Butter and eggs	32 69
May	51	L. Ketcham & Bros	Flour and bran	82 63
May	52	R. C. Wells	Horseshoeing	2 75
May	53	G. H. Spahr	Clothing	72 60
May	54	Mt. Pleasant post-office	Postage	64 60
May	55	P. Summers	Butter and eggs	39 75
May	56	Howe & Sutton	Butter, etc.	27 37
May	57	P. Jericho	Repairing mattresses, etc	11 25
May	58	T. Miltonberger & Co	Clothing	25 75
May	59	B. F. Ross & Bro.	Lumber	54 62
May	60	Griffith, Burket & Co.	Hardware, etc	5 20
May	61	S. Harter	Repairs	6 20
May	62	S. W. Garvin	Furnishing	4 06
May	63	Pigler Bros	Tobacco	18 40
May	64	John Blane	Syrup and soda	22 04
May	65	H. T. Bird & Co.	Medical supplies	12 60

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
May	66	Geo. L. Talbot	Boots, and repairs	\$ 3 60
May	67	Edward R. Squibb	Medical supplies	73 13
May	68	Male employes	Salaries and wages	1354 45
May	69	Female employes	Salaries and wages	613 71
May	70	Day laborers	Salaries and wages	408 63
May	71	C., B. & Q. R. R.	Freight	59 13
June	1	George Cobb	Lime	17 97
June	2	C. Bechler	Butter	14 40
June	3	Thomas Giblin	Wood	772 25
June	4	A. Kudoby & Co.	Flour and bran	33 30
June	5	Jacob Shopbell	Mutton sheep	96 39
June	6	L. H. Fenton	Labor	6 00
June	7	L. P. Willard	Harness repairs, etc	16 00
June	8	A. Miltonberger	Butter	3 05
June	9	L. S. Kincaid	Visiting Committee	22 00
June	10	Acres, Blackmar & Co.	Stationery	7 70
June	11	J. W. Lee	Vinegar	13 20
June	12	Hitchcock & Walker	Stove bolts	2 24
June	13	Error		
June	14	C. C. Taylor	Sorghum	17 67
June	15	Mary B. Smith	Music	8 00
June	16	S. F. Bangham	Oats	16 25
June	17	Wm. M. Brown & Bro.	Coal	321 64
June	18	S. Waters	Butter	5 50
June	19	T. E. Stevens	Butter	29 88
June	20	Hugh Brennan	Return of patient	31 00
June	21	Steele, Hall & Bro.	Beef cattle	1827 55

June	22	Mrs. A. B. Montgomery	Mutton sheep	29 57
June	23	Mt. Pleasant P. O.	Postage	15 00
June	24	Franklin Lester	Kitchen furnishing	72 00
June	25	H. A. Zulm	Repairs	9 10
June	26	H. N. Crane	Stationery	37 64
June	27	C. Bechlein	Butter	18 35
June	28	E. Stearns	Shearing sheep	1 00
June	29	W. K. Leisenring	Fruit	11 12
June	30	O. V. Stough	Music	103 50
June	31	R. C. Wells	Horseshoeing	2 95
June	32	D. L. Moore	Horseshoeing	5 90
June	33	T. Miltonberger & Co	Clothing	11 50
June	34	Mt. Pleasant Gas Works	Lights	148 50
June	35	Hans Erickson	Interest on loan to treasurer	13 90
June	36	Kate McGrath	Interest on loan to treasurer	18 45
June	37	M. L. Edwards	Exchange	10 74
June	38	D. B. Stevens	Brick	96 93
June	39	P. T. Twinting	Butter, eggs, etc	41 73
June	40	J. F. Sargent	Stationery	10 80
June	41	Sol. Hewitt	Butter and eggs	30 64
June	42	Rukgaber, McGregor & Baines	Repairing roof, etc	116 74
June	43	Newbold & Houseman	Sugar, butter and eggs	127 36
June	44	B. H. Crane	Hardware and repairs	17 90
June	45	P. Jericho	Renovating mattresses	14 50
June	46	L. Ketcham & Bro.	Breadstuffs and bran	206 09
June	47	S. N. Thompson	Crockery	17 25
June	48	W. F. Dougherty	Burial case	15 00
June	49	C., B. & Q. R. R.	Freight	120 88
June	50	Male employes	Salaries and wages	1329 14
June	51	Female employes	Salaries and wages	605 16
June	52	Officers' salaries	Salaries and wages	1450 00
June	53	Day laborers	Salaries and wages	452 73
July	1	Mark Ranney	Interest on loan to treasurer	706 81
July	2	H. M. Bassett	Interest on loan to treasurer	289 62
July	3	M. L. Edwards	Interest on loan to treasurer	335 18
July	4	J. W. Henderson	Interest on loan to treasurer	70 44
July	5	Meno Trope	Interest on loan to treasurer	25 83
July	6	Lizzie Snyder	Interest on loan to treasurer	2 60

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879				
July	7	W. C. Glenny	Corn cultivator	\$ 20 00
July	8	Sol. Cavene	Bay horse	137 50
July	9	Mark Ranney	Habeas corpus suit	16 74
July	10	R. Eshelman	Clothing	41 50
July	11	S. F. Baugham	Oats	47 52
July	12	A. Herrick	Hops	1 85
July	13	A. Kudoby & Co.	Bran, and butter	12 50
July	14	S. W. Garvin	Dry goods	15 24
July	15	T. H. Lehew	Glassware	2 40
July	16	Charles Orr	sand, and fence-posts	22 14
July	17	Thomas Giblin	Wood	33 05
July	18	S. Craton	Return of patient	8 45
July	19	Jno. Wright	One bull	25 00
July	20	J. W. Henderson	Current expense—petty account	84 68
July	21	Field, Leiter & Co.	Dry goods	76 67
July	22	Mary R. Smith	Music	8 00
July	23	L. U. Fenton	Labor	10 50
July	24	T. V. Taft	Interest on loan to treasurer	10 63
July	25	Daniel Risser, Sr.	Shoes and slippers	92 35
July	26	Kiser & Pierson	Breadstuffs	4 50
July	27	B. Hofman	Medical supplies	50 50
July	28	W. C. Glenny	Farm machinery, etc.	64 40
July	29	Geo. L. Talbot	Shoes, slippers, repairs, etc.	15 95
July	30	S. Harter	Wagon repairs	6 90
July	31	Wm. H. Schliep	Tobacco	18 92
July	32	G. H. Spahr	Clothing	40 50
July	33	P. Summers	Butter, eggs and fish	33 42

July	34	Colver & Hobbs	Sand sifter	10 00
July	35	L. M. Rumsey & Co.	Wash basins, and couplings	6 90
July	36	F. E. Hobart	Brooms	3 00
July	37	Barstow & Whitelaw	Caustic soda	23 54
July	38	Hawk-Eye Publishing Co.	Exchanges	13 00
July	39	John Blane	Syrup	101 11
July	40	Biklen, Winzer & Co.	Sugar and beans	142 22
July	41	Gould & Briggs	Sugar	102 06
July	42	Farwell, Miller & Co.	Molasses, coffee, etc.	206 56
July	43	Pilger Bros	Farina, lemons, etc.	18 33
July	44	Kudoby & Co.	Flour	46 20
July	45	Charles Orr	Sand	54 04
July	46	Field, Leiter & Co.	Dry goods	56 46
July	47	McNab & Johnston	Codfish	18 75
July	48	I. S. Hough	Butter, and eggs	10 88
July	49	Russell & Erwin Manufacturing Co.	Lock fixtures	2 68
July	50	McNab & Johnston	Codfish	18 75
July	51	J. L. Mott Iron Works	Sink, bowls, etc.	52 05
July	52	Edward R. Squibb	Medical supplies	360 07
July	53	Tilden & Co.	Medical supplies	29 37
July	54	James Lawrence	Mutton sheep	15 46
July	55	Ottumwa Starch Co.	Starch	6 72
July	56	Parke, Davis & Co.	Medical supplies	11 26
July	57	I. S. Hough	Butter and eggs	9 10
July	58	A. M. Hoyt & Co.	Mackerel	19 21
July	59	James B. Metzger	Butter	29 00
July	60	Griffith, Burkett & Co.	Hardware and tinware	7 54
July	61	G. H. Spahr	Clothing	36 00
July	62	T. Miltonberger & Co.	Clothing	33 75
July	63	John G. Budde	Bread, etc.	43 55
July	64	Sol Hewitt	Butter, eggs, etc.	28 06
July	65	Charles Snider & Co.	Medical supplies	6 92
July	66	Mt. Pleasant post-office	Postage	15 00
July	67	E. L. Penn & Co.	Slippers, and repairs	2 40
July	68	H. N. Crane	Stationery, and repairs	11 78
July	69	L. F. Willard	Harness repairs	10 60
July	70	P. T. Twinting	Butter	40 65
July	71	Royce & Hopping	Repairs	2 25

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
July	72	Rukgaber, McGregor & B.	Hardware and repairs.	19 30
July	73	P. Summers.	Butter.	51 36
July	74	S. W. Garvin.	Carpet.	6 30
July	75	Mt. Pleasant Gas Works.	Lights.	130 50
July	76	P. Jericho.	Mattresses renovated.	7 00
July	77	B. F. Ross & Bro.	Lumber.	23 80
July	78	P. C. Tiffany.	Stationery.	5 58
July	79	L. Ketcham & Bros.	Breadstuffs and bran.	278 55
July	80	Penn & Holwick.	Dry goods.	1 03
July	81	George Cobb.	Lime.	7 82
July	82	D. L. Moore.	Horseshoeing.	7 95
July	83	N. L. Phillips.	Wheelbarrow, repairs, etc.	13 50
July	84	W. M. Warwick.	D. G.	1 50
July	85	R. C. Wells.	Horeshoeing.	5 15
July	86	Newbold & Houseman.	Salt and codfish.	12 01
July	87	C. B. Eshelman.	Clothing.	2 40
July	88	R. Eshelman.	Clothing.	4 10
July	89	J. M. W. Jones.	Stationery.	5 00
July	90	Male employes.	Salary and wages.	1342 95
July	91	Female employes.	Salary and wages.	606 04
July	92	Day laborers.	Salary and wages.	558 45
July	93	C., B. & Q. R. R.	Freight.	65 41
August	1	Field, Leiter & Co.	Dry goods.	91 82
August	2	B. H. Crane.	Hardware, tinware, etc.	6 28
August	3	Humphrey & Eshelman.	Clothing.	10 00
August	4	Farwell, Miller & Co.	Tea.	45 30
August	5	G. C. Cook & Co.	Syrup.	33 45

August	6	Donahue, McCosh & Co.	Lime.	34 00
August	7	Fieldhouse, Dutcher & Belden.	Valves, fixtures, etc.	109 32
August	8	Jno. Blane.	Coffee and sugar.	46 38
August	9	Kiser & Pierson.	Breadstuffs.	2 25
August	10	A. Kudoby.	Butter.	8 10
August	11	Wm. C. Walter.	Watermelons.	8 17
August	12	S. Russell.	Corn.	7 13
August	13	James Foggy.	Corn.	5 82
August	14	Henry Swanson.	Corn.	6 21
August	15	M. J. Taylor & Co.	Tobacco.	23 04
August	16	Chas. Prince.	Labor.	5 50
August	17	B. Peterson.	Corn.	32 70
August	18	O. L. Lindeen.	Corn.	6 76
August	19	I. S. Hough.	Butter and eggs.	16 30
August	20	A. Kudoby & Co.	Flour.	44 00
August	21	L. H. Fenton.	Labor.	4 00
August	22	Wm. C. Walter.	Watermelons.	9 15
August	23	Russell & Erwin Mfg Co.	Lock fixtures.	2 16
August	24	Mt. Pleasant Gas Works.	Gas fixtures.	91 28
August	25	Leedham & Baugh.	Window-sash.	28 00
August	26	Wm. Blom.	Soap.	52 00
August	27	Clark & Loveday.	Codfish.	21 10
August	28	Fieldhouse, Dutcher & Belden.	Iron pipe.	27 90
August	29	Biklen, Winzer & Co.	Sugar.	122 95
August	30	Pilger Bros.	Sugar, coffee, etc.	221 11
August	31	Field, Leiter & Co.	Dry goods.	139 65
August	32	Weinrich & Co.	Vinegar.	6 33
August	33	A. Kudoby & Co.	Flour.	46 20
August	34	W. C. Walter.	Watermelons.	11 80
August	35	T. H. Nevin & Co.	Putty.	2 25
August	36	I. Mitchell.	Chickens.	2 62
August	37	Chas. Harrison.	Fruit.	1 40
August	38	A. Kudoby & Co.	Bran.	8 13
August	39	H. L. Farr.	Return of patient.	5 00
August	40	J. W. Williams.	Oats.	11 75
August	41	M. S. Claypoll.	Oats.	43 75
August	42	Ernst Hoyer.	Sorghum.	18 10
August	43	H. C. Brown.	Pasture.	8 40

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
August ..	44	S. B. Olney	Visiting Committee	\$ 38 20
August ..	45	Western Union Telegraph Co.	Telegraphing	1 02
August ..	46	A. Herrick	Hops	1 75
August ..	47	Mt. Pleasant Gas Works	Gas fixtures	4 52
August ..	48	H. A. Zulm	Wagon repairs, etc.	12 50
August ..	49	S. W. Garvin	Dry goods	14 55
August ..	50	Mt. Pleasant Gas Works	Lights	164 40
August ..	51	P. C. Tiffany	Repairing organ	3 50
August ..	52	H. N. Crane	Stationery, etc.	46 96
August ..	53	R. Eshelman	Clothing	26 75
August ..	54	Sol Hewitt	Butter, etc.	11 70
August ..	55	Van Vorst & Andrews	Crockery and glassware	10 42
August ..	56	P. T. Twinting	Butter, eggs, fruit, etc	34 20
August ..	57	J. W. Satterthwait	Medical supplies, etc	13 72
August ..	58	George L. Talbot	Boots, shoes, and slippers	5 55
August ..	59	H. T. Bird	Furniture	7 50
August ..	60	Royce & Hopping	Iron bolts, repairs, etc	26 92
August ..	61	J. J. Parker	Furniture	9 50
August ..	62	Vancise & Co.	Red lead, and white-wash brush	6 50
August ..	63	Newbold & Housen	Butter, etc.	14 35
August ..	64	B. H. Crane	Hardware	20 31
August ..	65	G. H. Spahr	Clothing	21 15
August ..	66	Griffith, Burkett & Co.	Hardware	4 00
August ..	67	Rukgaber, McGregor & B.	Chimney tops, etc., etc.	138 79
August ..	68	T. Miltonberger & Co	Clothing	2 25
August ..	69	Pancoast & Manle	Hose, fittings, etc.	127 11
August ..	70	Dan Risser, Sr.	Shoes and slippers	102 75

18

August ..	71	Pancoast & Manle	Hospital cocks	31 30
August ..	72	J. W. Henderson	Return of patient	8 43
August ..	73	N. L. Phillips	Wheelbarrow	8 00
August ..	74	G. A. Talley	Repairing wagons, etc.	15 90
August ..	75	R. C. Wells	Horseshoeing	2 00
August ..	76	Ketcham, Officer & Co.	Flour and bran	159 32
August ..	77	Sharp & Smith	Medical supplies	18 09
August ..	78	A. Barton	Sawdust	1 00
August ..	79	Field, Leiter & Co.	Dry goods	7 13
August ..	80	Henry C. Meyer	Patent Fuller fawcets	38 25
August ..	81	Stettauer Bros & Co.	Dry goods and clothing	79 32
August ..	82	Bowen & Moore	Medical supplies	100 38
August ..	83	Biklen, Winzer & Co.	Beans, etc.	38 22
August ..	84	Iowa State Register	Exchanges	20 75
August ..	85	Male employes	Salaries and wages	1329 82
August ..	86	Female employes	Salaries and wages	603 59
August ..	87	Day laborers	Wages	449 03
August ..	88	C., B. & Q. R. R.	Freight	118 76
Septemb'r	1	T. E. Stevens	Butter	55 08
Septemb'r	2	Lee county poor-house	Pair of boots	2 75
Septemb'r	3	F. E. Hobart	Brooms	16 00
Septemb'r	4	George Macdonald	Return of patient	2 70
Septemb'r	5	I. S. Hough	Butter and eggs	18 10
Septemb'r	6	M. T. Bevans	Vinegar	6 00
Septemb'r	7	Christine M. Bard	Labor	17 67
Septemb'r	8	James Stout	Return of patient	5 00
Septemb'r	9	Wm. M. Brown & Bros	Coal	378 12
Septemb'r	10	W. L. Brooks	Two loads sawdust	1 00
Septemb'r	11	S. L. Steele	Apples	3 50
Septemb'r	12	C. W. Yancey	Apples	1 95
Septemb'r	13	S. Waters	Butter	32 58
Septemb'r	14	James Metzger	Butter	22 63
Septemb'r	15	L. H. Fenton	Labor	2 00
Septemb'r	16	B. F. Ross & Bro.	Lumber	12 64
Septemb'r	17	Mount Pleasant Journal	Printing	9 05
Septemb'r	18	Pilger Bros	Coffee, sugar, etc.	222 10
Septemb'r	19	Sharp & Smith	Medical supplies	5 51
Septemb'r	20	Jno. Blane	Tea	23 00

1890.]

EXPENDITURES—CONTINUED.

DATE.	No. Voucher and Warrant.	TO WHOM PAID.	ON WHAT ACCOUNT.	AMOUNT.
1879.				
Septemb'r	21	M. J. Taylor & Co.	Groceries	23 04
Septemb'r	22	Geo. H. Schafer & Co.	Medical supplies	7 50
Septemb'r	23	Biklen, Winzer & Co.	Molasses barrels	3 15
Septemb'r	24	Kiser & Pierson	Oat meal	4 00
Septemb'r	25	A. Miltonberger	Butter	7 25
Septemb'r	26	O. L. Lindeen	Corn	23 10
Septemb'r	27	Western Union Telegraph Co.	Telegraphing	1 40
Septemb'r	28	Clark & Loveday	Codfish	20 54
Septemb'r	29	Utica Steam Guage Co.	Water guage	16 00
Septemb'r	30	C. Bechlen	Butter	28 50
Septemb'r	31	J. W. Williams	Cider and apples	5 70
Septemb'r	32	John Linch	Corn	4 05
Septemb'r	33	Joseph Sawyer	Corn	3 35
Septemb'r	34	M. L. Edwards	Salary as treasurer	93 29
Septemb'r	35	M. L. Edwards	Express	22 98
Septemb'r	36	J. S. Routson	Corn	4 57
Septemb'r	37	Edward R. Squible	Medical supplies	111 46
Septemb'r	38	Best & Woodbridge	Soap	4 50
Septemb'r	39	T. W. Fawcett	Visiting Committee	18 00
Septemb'r	40	J. W. Henderson	Petty expense account	56 92
Septemb'r	41	M. L. Edwards	Commission as treasurer	101 22
Septemb'r	42	C., B. & Q. R. R.	Freight	105 54
Septemb'r	43	Crane Bros. Manufacturing Co.	Registers	9 02
Septemb'r	44	Pancoast & Manle	Radiators	291 20
Septemb'r	45	Clark & Loveday	Codfish	17 75
Septemb'r	46	Donahue & McCosh	Bar of iron	1 25
Septemb'r	47	Sharp & Smith	Medical supplies	33 58
Septemb'r	48	C. P. Squires & Co.	Medical supplies	54 70
Septemb'r	49	Donahue, McCosh & Co.	Stucco and lime	47 75
Septemb'r	50	Farwell, Miller & Co.	Coffee	21 47
Septemb'r	51	B. Hoffman	Medical supplies	48 60
Septemb'r	52	Fieldhouse, Dutcher & Belden	Fittings	90 29
Septemb'r	53	McNab & Johnston	Codfish	59 17
Septemb'r	54	Hawk-Eye Publishing Co.	Exchanges	13 00
Septemb'r	55	B. H. Crane	Hardware	9 15
Septemb'r	56	S. N. Thompson	Crockery, etc.	24 53
Septemb'r	57	Sol. Hewitt	Butter, eggs, etc.	27 61
Septemb'r	58	B. T. Long & Sons	Labor	36 10
Septemb'r	59	Robt. Carron	Pasture	25 80
Septemb'r	60	E. Garrison	Book-case	70 00
Septemb'r	61	L. W. Taylor & Co.	Graham flour	19 00
Septemb'r	62	B. F. Ross & Bro.	Lumber	60 00
Septemb'r	63	P. Jericho	Renovating mattresses, etc.	9 00
Septemb'r	64	P. Summers	Salt, apples, etc.	13 25
Septemb'r	65	Rukgaber, McGregor & Baines	Hardware, repairs, etc.	117 03
Septemb'r	66	G. H. Spahr	Clothing	29 25
Septemb'r	67	L. Ketcham & Bro.	Breadstuffs and bran	254 30
Septemb'r	68	Van Cise & Throop	Exchanges and printing	37 88
Septemb'r	69	T. Miltonberger & Co.	Clothing	56 00
Septemb'r	70	P. T. Twinting	Butter, eggs, etc.	26 82
Septemb'r	71	Belle Chalfant	Music—organist	20 00
Septemb'r	72	Mt. Pleasant P. O.	Postage and stationery	42 70
Septemb'r	73	O. V. Stough	Dance music	54 00
Septemb'r	74	Newbold & Houseman	Butter, eggs, etc.	104 45
Septemb'r	75	M. L. Edwards	Interest on loan	3 34
Septemb'r	76	Mt. Pleasant Gas Works	Light	204 69
Septemb'r	77	Male employes	Salaries and wages	1399 36
Septemb'r	78	Female employes	Salaries and wages	609 85
Septemb'r	79	Day laborers	Wages	472 56
Septemb'r	80	Officers' salaries	Salaries	1470 00
				\$211500 33
				252 29
				\$211248 04

Less \$252.29, included by error in current expenses for Jan., 1879. See Spec'l Appr., where it belongs and is charged.

PRODUCTS OF THE FARM AND GARDEN FOR 1877.

Apples, 53 bushels, at 75 cents.....	\$ 39 75
Asparagus, 207 dozen, at 8 cents.....	21 60
Beans, Lima, 62 gallons, at 50 cents.....	31 00
Beans, string, 95½ bushels, at 75 cents.....	71 62
Beets, 424½ bushels, at 75 cents.....	318 37
Beets, greens, 30 bushels, at 75 cents.....	22 50
Cabbages, 7282 heads, at 10 cents.....	728 20
Currants, 266 quarts, at 5 cents.....	13 30
Celery, 2046 bunches, at 5 cents.....	102 30
Cucumbers, 1268 dozen, at 6 cents.....	77 28
Corn, 277 bushels, at 33 cents.....	91 41
Corn stalks, 108 shocks, at 10 cents.....	10 80
Corn, sweet, 473 dozen, at 10 cents.....	47 30
Egg-plant, 131, at 5 cents.....	6 55
Grapes, 2120 pounds, at 5 cents.....	106 00
Gooseberries, 25 quarts, at 5 cents.....	1 25
Hay, 330 tons, at \$5.....	1650 00
Hay, slough, 35 tons, at \$3.....	105 00
Horse-radish, 12 dozen, at 15 cents.....	1 80
Lettuce, 2605 heads, at 1 cent.....	26 05
Milk, 64484 quarts, at 5 cents.....	3224 20
Oats, 753 bushels, at 20 cents.....	150 60
Onions, 237½ bushels, at \$1 25.....	296 88
Pork, 23280 pounds, at 7½ cents.....	1746 00
Potatoes, 3334 bushels at 40 cents.....	1333 60
Peppers, sweet, 83 dozen, at 10 cents.....	8 30
Parsnips, 380 bushels, at 75 cents.....	285 00
Peas, 45 bushels, at \$1 50.....	67 50
Parsley, 200 bunches, at 1 cent.....	2 00
Pasturage for 60 head of cattle and stock, 7 months, at \$1 25 per head, per month.....	525 00
Radishes, 440 dozen, at 6 cents.....	26 40
Raspberries, 104 quarts, at 15 cents.....	15 60
Rhubarb, 281 dozen, at 6 cents.....	16 86
Rye, 225 bushels, at 45 cents.....	101 25
Sage, 105 pounds, at 75 cents.....	78 75
Sweet pumpkins, 2863 pounds, at ½ cent.....	14 31
Squash, 26291 pounds, at 1 cent.....	262 91
Strawberries, 428 quarts, at 15 cents.....	64 20
Turnips, 536½ bushels, at 25 cents.....	134 13
Tomatoes, 396¾ bushels, at 75 cents.....	297 56
Value of stock, and produce sold.....	871 35
Total.....	\$ 12995 48

PRODUCTS OF THE FARM AND GARDEN FOR 1878.

Asparagus, 266 dozen, at 6 cents.....	\$ 15 96
Beans, Lima, 51 gallons, at 37 cents.....	18 87
Beans, string, 122 bushels, at 60 cents.....	73 20
Beans, H. P., 59 bushels, at \$1 80.....	106 20
Beets, greens, 48 bushels, at 50 cents.....	24 00
Beets, 238 bushels, at 50 cents.....	119 90
Cabbages, 6511 heads, at 4 cents.....	260 44
Currants, 186 quarts, at 4 cents.....	7 44
Celery, 540 bunches, at 4 cents.....	21 60
Cauliflower, 103 heads, at 8 cents.....	8 24
Cucumbers, 1003 dozen, at 6 cents.....	60 18
Corn, 1545 bushels, at 20 cents.....	309 00
Corn, sweet, 676 dozen, at 7 cents.....	47 32
Corn stalks, 500 shocks, at 10 cents.....	50 00
Egg-plant, 119, at 3 cents.....	3 57
Grapes, 4160 pounds, at 3 cents.....	124 80
Gooseberries, 10 quarts, at 4 cents.....	40
Hay, 247¼ tons, at \$4.....	990 00
Horse-radish, 10 dozen roots, at 6 cents.....	60
Lettuce, 9710 heads, at 1 cent.....	97 10
Milk, 21900 quarts, at 5 cents.....	1095 00
Oats, 1585½ bushels, at 15 cents.....	237 82
Onions, 287½ bushels, at 40 cents.....	83 00
Pork, 29195 pounds, at \$4 10.....	1197 00
Peppers, Sweet Mountain, 12 dozen, at 5 cents.....	06
Potatoes, 3588 bushels, at 40 cents.....	112 00
Peas, 47 bushels, at \$1 25.....	58 75
Parsley, 1170 bunches, at 1 cent.....	11 70
Pasturage for 65 head of cattle, and other stock, 6 months, at \$1 per head, per month.....	390 00
Radishes, 537 dozen, at 4 cents.....	21 48
Raspberries, 118 quarts, at 10 cents.....	11 80
Rhubarb, 178 dozen, at 8 cents.....	14 24
Rye, 176½ bushels, at 40 cents.....	70 60
Rails, 400, at \$3.....	12 00
Sage, 52 pounds, at 20 cents.....	10 40
Squash, 20120 pounds, at ½ cent.....	100 60
Spinach, 3430 heads, at 4 cents.....	137 20
Salsify, 625 roots, at 1 cent.....	6 25
Straw, 61 tons, at \$3.....	183 00
Stock and produce sold during year.....	1643 93
Strawberries, 127 quarts, at 10 cents.....	12 70
Turnips, 66 bushels, at 20 cents.....	13 20
Tomatoes, 345½ bushels, at 60 cents.....	207 20
Wood, 48 cords, at \$3.....	144 00
Total.....	\$9547 69

OFFICERS AND EMPLOYEES

In the Iowa Hospital for the Insane, at Mt. Pleasant.

NAMES.	SERVICES.	COMPENSATION.
Mark Ranney.....	Superintendent.....	\$ 2,800 00 per year
H. M. Bassett.....	First Asst. Physician..	1,000 00 per year
M. S. Guth.....	Second Asst. Physician.	600 00 per year
E. B. Phelps.....	Third Asst. Physician..	600 00 per year
J. W. Henderson.....	Steward.....	1,000 00 per year
Martha W. Ranney.....	Matron.....	400 00 per year
John Thomas.....	Engineer.....	60 00 per month
Pat O'Connell.....	Fireman.....	40 00 per month
J. J. Fenton.....	Fireman.....	28 00 per month
H. Prince.....	Fireman.....	28 00 per month
Jacob McCoy.....	Butcher.....	40 00 per month
F. G. Ackerman.....	Baker.....	40 00 per month
Joseph Campbell.....	Farmer.....	27 00 per month
C. S. Richardson.....	Teamster.....	18 00 per month
William Baldwin.....	Teamster.....	18 00 per month
A. J. Kaelson.....	Teamster.....	18 00 per month
John Hart.....	Teamster.....	18 00 per month
E. T. Richardson.....	Teamster.....	18 00 per month
E. G. Sharick.....	Milk-man.....	23 00 per month
M. Pyle.....	Milk-man.....	21 00 per month
Swan J. Nelson.....	Car-man.....	21 00 per month
James Nash.....	Car-man.....	20 00 per month
E. P. Lingren.....	Kitchen-man.....	20 00 per month
T. Mount.....	Carpenter.....	2 50 per day
George Macdonald.....	Clerk.....	35 00 per month
M. Sutton.....	Chaplain.....	35 00 per month
J. Sutton.....	Supervisor.....	33 00 per month
John Madison.....	Watchman.....	28 50 per month
L. V. A. Ebbert.....	Dispensary clerk.....	20 00 per month
J. W. Thacker.....	Florist.....	25 00 per month
John Hall.....	Washer.....	23 00 per month
Victor Nelson.....	Washer.....	19 00 per month
James Wilson.....	Painter.....	2 25 per day
John Bragg.....	Attendant.....	28 00 per month
Godfrey Schmidt.....	Attendant.....	28 00 per month
E. J. Nicholson.....	Attendant.....	27 00 per month
F. A. Johnson.....	Attendant.....	26 00 per month
C. H. King.....	Attendant.....	27 00 per month
George Harkness.....	Attendant.....	29 00 per month
Hugh Ballentine.....	Attendant.....	29 00 per month
G. H. Lyons.....	Attendant.....	26 00 per month
P. J. Chrans.....	Attendant.....	28 00 per month
R. H. Tyler.....	Attendant.....	24 00 per month
Henry Plumer.....	Attendant.....	25 00 per month
S. Craton.....	Attendant.....	27 00 per month
John Howe.....	Attendant.....	25 00 per month
Orrin J. Lawrence.....	Attendant.....	25 00 per month
Henry Swanson.....	Teamster.....	18 00 per month
G. W. Whitford.....	Attendant.....	25 00 per month
O. P. Dotson.....	Attendant.....	25 00 per month

FEMALE EMPLOYEES.

NAME.	SERVICES.	COMPENSATION.
Meno Trope.....	Supervisor.....	\$ 25 00 per month
Sophie Plumer.....	Watch.....	22 00 per month
Sadie Kearns.....	Attendant.....	16 00 per month
Jennie Trout.....	Attendant.....	18 00 per month
Bertha Olsen.....	Attendant.....	19 00 per month
Lettie Meacham.....	Attendant.....	16 00 per month
Kate Fisher.....	Attendant.....	17 00 per month
Ellen Matthews.....	Attendant.....	16 00 per month
Minnie Ochiltree.....	Attendant.....	14 00 per month
Emma Brown.....	Attendant.....	16 00 per month
Anna Monsen.....	Attendant.....	20 00 per month
Charlotte Martyn.....	Attendant.....	15 00 per month
Mary Dixon.....	Attendant.....	17 00 per month
Eva Whittaker.....	Attendant.....	16 00 per month
Carrie Boyest.....	Attendant.....	17 00 per month
Julia Smith.....	Attendant.....	18 00 per month
Sarah Murphy.....	Attendant.....	17 00 per month
Eva Johnson.....	Attendant.....	15 00 per month
Mattie Bragg.....	Attendant.....	12 00 per month
Anna Blower.....	Seamstress.....	15 00 per month
Sophie Gillespie.....	Seamstress.....	11 00 per month
Elizabeth Snyder.....	Head ironer.....	14 00 per month
Merrie Stattler.....	Head ironer.....	11 00 per month
Jennie Allsup.....	Head ironer.....	10 00 per month
Josephine Faulkner.....	Head ironer.....	10 00 per month
Maggie Calhoun.....	Cook.....	13 00 per month
Anna Upton.....	Waitress.....	10 00 per month
Lisette Wahage.....	Kitchen girl.....	11 00 per month
Adelia Carroll.....	Chambermaid.....	11 00 per month
Ray De Kalb.....	Chambermaid.....	11 00 per month
Amelia Wilson.....	Chambermaid.....	20 00 per month
Mary Coddington.....	Kitchen manager.....	11 00 per month
Lottie Allsup.....	Milkmaid.....	15 00 per month
Becky Hurley.....	Cook.....	11 00 per month
Hannah Howe.....	Waitress.....	12 00 per month
Leah Lyon.....	Washer.....	11 00 per month
Mary Nelson.....	Kitchen girl.....	11 00 per month
Clara Nelson.....	Assistant baker.....	12 00 per month
Sadie Gillespie.....	Kitchen girl.....	11 00 per month
Mary Fahrin.....	Kitchen girl.....	11 00 per month
Anna M. Cresswell.....	Attendant.....	15 00 per month
Mollie Bell.....	Attendant.....	15 00 per month

DAY LABORERS.

NAME.	SERVICES.	COMPENSATION.
S. G. Heimbaugh.....	Gardener.....	\$ 2 00 per day
John McLaughlin.....	Laborer.....	1 25 per day
L. H. Fenton.....	Laborer.....	1 25 per day
Wm. Smith.....	Laborer.....	2 00 per day
Henry Long.....	Laborer.....	1 25 per day
Frank McCormick.....	Laborer.....	1 25 per day
John Reagan.....	Laborer.....	1 25 per day
Chris. Rukgaber.....	Laborer.....	1 25 per day
Charles Connell.....	Laborer.....	1 25 per day