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FIRST BIENNIAL REPORT

OF THE  
UNIV. OF MICH.  
APR 6 1968

STATE COMMISSION IN LUNACY

FOR THE

TWO YEARS ENDING JUNE 30, 1898.



SACRAMENTO:

A. J. JOHNSTON, : : : : : SUPERINTENDENT STATE PRINTING.  
1899.

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Calif. Comm. in Lunacy.

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## STATE COMMISSION IN LUNACY.

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HON. JAMES H. BUDD..... *Governor of California.*  
HON. L. H. BROWN ..... *Secretary of State.*  
HON. W. F. FITZGERALD ..... *Attorney-General.*  
DR. F. W. HATCH ..... *General Superintendent of State Hospitals.*  
DR. W. P. MATHEWS ..... *Secretary of State Board of Health.*

### OFFICERS.

JOHN F. CARRERE ..... *Secretary.*  
W. S. CREIGHTON ..... *Assistant Secretary.*  
W. H. SEAMANS ..... *Clerk.*  
CHAS. F. WAYMIRE ..... *Stenographer.*



## REPORT OF STATE COMMISSION IN LUNACY.

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*To the Legislature:*

The enactment of the California insanity law (Chapter CCXXVII, Statutes of 1897), to create a State Commission in Lunacy, was an effort on the part of the Legislature to provide for a uniform government and management of the State Asylums for the Insane, and to provide for the care, custody, and apprehension of persons believed to be insane.

There are in California at the present writing five State Hospitals for the Insane, containing five thousand and one patients and representing, with their grounds, buildings, and appurtenances and improvements, a valuation of \$4,557,134.

To maintain these hospitals cost the State \$1,332,759 11 for the two years ending June 30, 1898.

Previous to the enactment of the present law, each asylum was working under a different law, though there were points of resemblance in all.

The California insanity law aims to place these institutions under one uniform system of government, that the yearly expenditure of nearly \$700,000 may be made under the direction, to some extent, of a central governing body, the Commission in Lunacy.

The system of keeping the accounts involved in the expenditure of the large yearly appropriation and in the issuance of the supplies bought, while having points in common, have been different for each institution, and was susceptible of improvement.

That uniformity and system in doing the vast business of five State institutions, maintaining five thousand people, is desirable, cannot be questioned.

As the creation of the State Commission in Lunacy was to some extent an experimental measure, it is well to show briefly what it has accomplished and what it may hope to accomplish in the future. It has from the first been a working commission, although four of its members are State officers and had their regular duties to perform. It has held ninety-four regular meetings, at which various and sundry matters relating to State hospitals, their management, finances, improvements, were discussed. In addition to these ninety-four regular meetings, many more than that number of informal conferences have been held on hospital matters. It has at all times had the interest of the hospitals and the State paramount, and has tried to deal justly with them,

bearing in mind that the Hospital Superintendents and Managers were good citizens, broad-minded, intelligent men, who had the interest of their respective institutions as well as the State at heart. In spite of the generally liberal policy of the Commission, Managers have sometimes felt that their functions were being usurped and their opinions overridden. This feeling was perhaps inseparable from the position occupied by the Commission.

The first necessary work of the Commission after its organization was the preparation of blank forms for the commitment of patients, a work attended with some difficulty, but successfully accomplished, and resulting in a commitment blank that, from the standpoint of those interested in insanity, is immensely superior to the blanks formerly in use. Coincident with this, it was obliged to prepare, on short notice, schedules for contract supplies for the five State hospitals, a work involving the typewriting and mimeographing of over 7500 sheets. It also prepared blank forms for the various reports from the hospitals to the Commission, consisting of copies of the commitments, estimates, reports of stock on hand, receipts and expenses of farm, garden, and dairy, and a great many other forms required by the law. The schedules for contract supplies have been typewritten and mimeographed in the office of the Commission three different times. Clinical records have been formulated and sent to the different hospitals, are in active and daily use, and are now being carefully considered with a view to making revisions which will add to their efficiency.

Those who have not looked carefully into the question have but little knowledge of the manner in which persons charged with insanity were cared for prior to the changes wrought under the new lunacy law, and under the direction of the Commission; but as some little evidence of the previous condition of affairs, it may be stated that in one hospital, out of ninety-one patients received from prisons or jails in eight successive months, forty-six were infested with vermin and otherwise untidy and neglected.

The lunacy law provides that no person alleged to be insane, shall be associated with criminals, or those charged with or convicted of crime. In endeavoring to carry out the provisions of the law in this connection, the Commission, or some of its members, have visited twenty-nine counties, examined quarters prepared, or made recommendations for their preparation. Some of the counties have fitted up quite comfortable and elaborate quarters in specially built houses, others have prepared accommodations in the county hospital, and some have been obliged to fit up rooms in the county court-house, but apart from the jail proper. Some of the quarters have special nurses on hand at all times, and all Boards of Supervisors have agreed to supply them when the presence of an insane patient made them necessary. Some of these

accommodations can be improved upon, as many were hastily fitted up, but all are decided improvements on old methods, and as the beneficial results of the changes are more generally appreciated, improvements will follow; indeed, since the first arrangements, several counties have already made permanent and more satisfactory improvements. The Commission cannot help referring to the beneficial changes made under the law in the County of San Francisco, where comfortable rooms, decently furnished, have been fitted up; male and female nurses are on duty at all hours of the night and day, and proper arrangements are made for caring for and feeding the sick. Although the Commission could not get just what it wanted in San Francisco, it has brought about a very decided improvement in the care of those charged with insanity in that city. Under the present arrangements in the various counties, the Commission receives reports from the hospitals of the improved condition of the patients received, and the evidence of greater care. The work in this connection has made necessary a good deal of traveling by members of the Commission, and has required, on some occasions, much labor and trouble.

The old system of bookkeeping in the hospitals was not uniform; every hospital had in some measure a distinct system, and when, in accordance with the provisions of the new law, the Commission endeavored to have formulated a uniform system of books and accounts, it became a question of much moment to decide upon the proper system and the extent to which the new system should be introduced. Two principal points would have to be made clearly manifest in a system of books: First, the expenditures of cash in detail, and the disbursements of supplies and utilization of services bought with that cash, should be made so clear that any hospital steward could quickly, from his books, tell what the institution was costing, what departments were costing, where supplies were going, and how much stock should be on hand. Second, the books to show the movements of patients, their history, their possessions in the hospital, the register of wards, sick reports; in fact, a general history of the house, its inhabitants and their belongings, must be provided for.

After considerable deliberation, the Commission concluded that the business and financial accounts should be first provided, that similar methods of keeping accounts of expenses should be in use by all. Acting on this belief, Mr. George E. Housken, an expert accountant, was engaged to formulate a system, with the advice that a system was wanted that would economize labor, that would clearly show all the business, that would avoid too much repetition of entries, and yet provide an absolutely safe index of what money was being received or spent, where it was coming from, where it was going, and what was being done with what was bought. More details could readily have

been made a part of the system, but more detail requires more skilled labor, and more labor requires more money. As a central or parent system, to which subordinate books might be added from time to time, it is distinctly a marked improvement.

The second series of books, or those covering the workings of the population of the house, should have been taken up next, but after conference with the Senate committee investigating public institutions, and learning that they were preparing an elaborate system, about which they would probably consult with the Commission, this matter was deferred, awaiting their action.

Supplies for the State hospitals are for the most part bought by annual or semi-annual contracts, the fact that bids are desired by the hospitals being advertised in every county in which a hospital is located, and in San Francisco, Los Angeles, and Sacramento. The contracts are awarded to the lowest satisfactory bidder, and generally low prices are obtained. Right here it might be stated that the Commission saves about \$800 yearly on advertising.

Supplies not bought on regular contracts are bought by a system of competitive bids, or after careful inquiry in the open market. The Commission has no authority to award contracts, nor to buy anything for the hospitals, that power still being vested in the local Boards of Managers.

Excessive amounts of supplies are not bought, and careful attention is given to holding contractors up to the quality contracted for. The purchasing is honest, the distribution and utilization of supplies are economical and careful, and the result has been that at all times our hospitals have been conducted at a low per capita cost, much lower than the great majority of similar institutions throughout the United States.

Many, looking only at the large appropriations required for their maintenance, and failing to investigate how many people are maintained with that money, fail to realize that economy is shown in the management. Extravagance has obtained in California in the erection of some of its hospital buildings, but not in their maintenance.

The Commission, viewing the situation in all its bearings, has made no effort to gain a reputation for economy by cutting off supplies that were actually needed. What was asked for was allowed when needed. Where cuts in estimates were made, or estimates were rejected, it was done only after due deliberation and investigation, and the Commission has allowed more increases in food supplies than it has cut off.

The Commission is now receiving monthly reports showing the distribution of food supplies, with the purpose of ascertaining definitely the difference in the per capita cost of feeding officers, employes, and patients. It has not been possible heretofore to obtain this information, which is important, for it is the only way in which a thoroughly satis-

factory explanation can be given as to how well the patients are fed and what it is costing. The per capita cost for food, as given ordinarily in asylum reports, is only relatively correct so far as individuals in the concrete are concerned. It takes time and work to ascertain these necessary facts, and not all agree that the results justify the extra work demanded.

Before closing this brief review it is necessary to speak of the expenses of the Commission and its collections. It is probably unnecessary to remark that the expenses of its first year were added to very materially by the necessary traveling that had to be done in the examination of quarters for the insane, and by the large amount of work thrown upon it in searching the records of County Clerks' offices, investigating and searching for estates of the insane, hunting up property and bank accounts, and investigating the various claims that were sent to us for collection by the different hospitals. Some idea of the magnitude of the work is shown by the statement that there are now on file in the office of the Commission, undergoing examination or collection, claims amounting to \$250,000. It took some time and much labor to get this collection business in thorough operation, and the early returns were not large, but at the present time it is in full operation, and we are now collecting for the hospitals, the State and counties, over \$1,200 monthly. Up to June 30, 1898, the Commission had collected or caused to be paid to the hospitals, \$6,530 89; and to the State and counties, for commitment and transportation expenses, \$1,115 50; a total of \$7,645 80. For the five months from June 30, 1898, to December 1, 1898, we have collected for the same purposes, \$6,146 99.

## FINANCIAL STATEMENT.

*Amount Expended during the Forty-eighth Fiscal Year, ending June 30, 1897.*

|                           |            |
|---------------------------|------------|
| Traveling expenses.....   | \$263 25   |
| Box rent and postage..... | 52 40      |
| Telegraphing.....         | 22 42      |
| Expressage.....           | 11 07      |
| Stationery.....           | 113 40     |
| Salaries.....             | 1,469 00   |
| Seal.....                 | 6 50       |
| Typewriter.....           | 100 00     |
| Mimeograph.....           | 45 00      |
| Rubber stamps.....        | 21 50      |
| Miscellaneous.....        | 1 00       |
| Ice.....                  | 4 50       |
| Advertising.....          | 127 90     |
| Blue Cañon water.....     | 2 25       |
| Press clippings.....      | 6 00       |
| Towel service.....        | 1 50       |
| Total.....                | \$2,247 69 |

*Amount Expended during the Forty-ninth Fiscal Year, ending June 30, 1898.*

|                         |             |
|-------------------------|-------------|
| Traveling expenses      | \$1,156 15  |
| Box rent and postage    | 128 30      |
| Telegraphing            | 42 49       |
| Telephoning             | 102 00      |
| Expressage              | 9 35        |
| Stationery              | 5 70        |
| Salaries                | 11,064 65   |
| Rubber stamps           | 13 25       |
| Miscellaneous           | 19 85       |
| Ice                     | 33 25       |
| Advertising             | 79 45       |
| Blue Cañon water        | 2 25        |
| Press clippings         | 38 00       |
| Towel service           | 13 00       |
| Rent of filter          | 10 50       |
| Uniform system of books | 575 00      |
| Total                   | \$13,288 19 |

STATE OF CALIFORNIA,  
COUNTY OF SACRAMENTO, ) ss.

John F. Carrere, Secretary of the State Commission in Lunacy, being first duly sworn, deposes and says that the above financial statement is correct.

JOHN F. CARRERE,  
Secretary State Commission in Lunacy.

Subscribed and sworn to before me, this 28th day of December, 1898.

J. C. GORMAN,  
Secretary State Board of Examiners.

## REVIEW OF ASYLUM SYSTEM OF CALIFORNIA.

It has always been the policy of California to care for its insane with State money, in contradistinction to the plan of forcing the counties to pay a part of the cost, the State appropriating the balance. In August, 1851, the State Hospital was opened in Stockton for the reception of all classes of patients, as well as the insane. It is impossible to segregate the cost of caring for the insane while they were in the general hospital supported by the State. Owing to the necessity for separate care of the insane a new institution became necessary, and at Stockton the first asylum under separate and distinct management was opened for the care of the insane, in July, 1853.

At the end of the first year of its existence, the Stockton Asylum contained 102 patients; at the end of ten years it had 583 patients, and after twenty years its population had increased to 1,156.

The crowded condition of the Stockton Asylum having made it necessary to provide further accommodations for the insane, on November 15, 1875, another State asylum was opened at Napa. At the end of another decennial period the number of patients at Napa had increased to 1,219, and in the two State asylums to 2,403, and another asylum was in process of erection, that the rapidly increasing insane might be given the proper care and treatment. This third asylum was located at

Agnews, and was intended, when first authorized, to be an asylum for the chronic and hopelessly insane, but the policy of supporting an institution to be used solely for the care of those considered as hopelessly lost was not received kindly, either by the people or the lawmakers, and as soon as the Legislature could make the change, Agnews was made an asylum for the reception of all classes of mental disease. In five years from its opening, or in 1893, Agnews had increased its population to 902, and the three State asylums together aggregated 4,004 patients. The necessity for more accommodations being apparent, Southern California appealed for an asylum to care for the insane in that section of the State. The rapid development of population and the distance the rapidly increasing insane had to travel before being able to obtain asylum treatment, rendered argument unnecessary to insure the location of an asylum in San Bernardino County. At the same time provision was made for the erection of an asylum at Ukiah, Mendocino County, to provide for the insane from the northern section of the State. The two new asylums were opened in 1893, and have rapidly been filled, and on June 30, 1898, Southern California had 582 patients, and Mendocino 477.

It is now forty-five years since the first asylum was opened in California, and our five State hospitals (asylums) contain 5,001 insane patients.

There has been appropriated since this State began to make preparation for the care of the insane, \$4,282,399 18 for buildings, land, and improvements.

For maintenance and other purposes there has been expended \$13,085,546 87. The hospitals have spent out of the moneys earned by them (contingent fund) \$545,837 82, making a grand total of \$17,913,783 87.

This sum, however large it may seem, has enabled the State to care for and treat 107,732 patients in the period covered by our synopsis.

During the forty-five years of the existence of State asylums, 15,109 have been discharged recovered or improved, and 8,225 have died.

The State has always been liberal in the care of its insane. It has provided money when it was needed, it has cheerfully responded to all calls for assistance, and has made provision for all who are defective mentally.

The Stockton State Hospital now maintains a patient at the low cost of 35 cents per day, not because the State has been niggardly and cut them to that sum, but because those managing the asylum, voluntarily, by careful management, gradually reduced the cost to that figure, and by force of example the other State hospitals have brought their per capita to nearly the same low figure. The question may well be asked, have we not done too much?

The California asylums have done their work quietly and well. They have had about the average rate of cures, when compared with similar institutions in other States, and their death-rate has not been above the average. The patients have been comfortably cared for, due efforts have made for their cure, and the institutions have been honestly maintained. They have been free from conflagration or serious calamities, have not been subject to epidemic diseases, and have at all times been a credit to the State. They have the confidence of the people, and, though not free from some criticism, are generally acknowledged to be doing good work, and to be legitimately and honestly managed. Up to June 30, 1898, there have been received in the hospitals 28,359 cases, and, taking the yearly count of the number treated, there have been 107,732 cases under treatment.

In April, 1897, a uniform law for all State asylums was put into operation. Asylums became State hospitals, and the Lunacy Commission was given a confirmatory power over the actions of the State hospital management. The purpose of the new lunacy law and its active agent, the Commission, is good, and its results are bound to be beneficial when Hospitals and Commission work with that harmonious unanimity of purpose which should be the aim of all bodies engaged in charitable work at the expense of the State. Any Commission endeavoring to change existing methods and to limit the powers of those previously in full authority will doubtless be handicapped to some extent. The Commission, having no patronage to dispense, may well believe that the desired concert of action will gradually be brought about and with good results. This brief history of the creation, population, and expense of the State hospitals brings us up to the present point, where consideration may be given to their operations for the two years ending June 30, 1898.

#### EXPENSES OF MAINTAINING THE STATE HOSPITALS.

One object of the creation of the State Commission in Lunacy was the belief that it might bring about economy in the management of the five State hospitals.

In considering the subject of cutting down the expense of any undertaking, the first point is to ascertain in what particular branch of the business extravagance obtains.

In order that we may ascertain the manner in which the appropriations are expended, let us consider the various sources of expense in maintaining one patient for one day, one year, and for maintaining all the patients for one year, in any of the State hospitals.

Taking the hospital located at Stockton, as the oldest and one of the most economically managed hospitals, it is found that it cost for the year ending June 30, 1898, to pay officers and employés, to feed patients

and all others, to heat and light the building, to provide clothing, furniture, and bedding, to make repairs, to supply water and medicines, and to utilize and beautify the farm and grounds, at the rate of \$126 81 a year for each patient, or a total of \$196,291 52 for all the patients.

Taking up the various principal sources of expense incurred in caring for one patient a day, or a year, we find:

First—That it costs for physicians, attendants, mechanics, cooks, and other help the sum of 17.1 cents for one day, or \$62 57 a year. These amounts are the daily and yearly per capita for salaries and wages, the total for all the patients for a year being \$93,383 60.

Second—To feed this one patient a day costs 9.2 cents; for a year the cost is \$33 64; the total for all the patients a year being \$51,703 45.

Taking up these two items, payroll and food, as the two principal items of expense, let us consider them a moment with a view of ascertaining if the cost is unduly large and deserving of pruning.

#### PAYROLL.

In a total yearly cost of \$126 81, it would seem at first glance that \$62 57 is a large proportion to be paid out for salaries and wages, but if considered in comparison with the sums expended for the same purpose in Eastern institutions it will be found that our proportion of employes to patients is very small. As a matter of fact, we care for the same number of patients with about half the number of employes they do in Eastern institutions.

It is true that in California higher wages are generally paid, but it is believed that our hospitals get a better grade of help, who, expecting to make hospital work their life vocation and thus having an incentive, put forth their best efforts to do good work and thus hold their positions.

#### FOOD.\*

It is not likely that any one would care to assert that the expense of feeding our patients should be cut down—a fraction over 9 cents a day, or \$33 64 a year, for each patient, is not high, and instead of seeking to reduce it in cost, it might be added to with some advantage. Lest the idea might become prevalent that at such a small expense they cannot be fed enough, it can be safely asserted that the patients are fed abundantly, that the food is of good quality, that there is meat, bread, butter, potatoes, etc., with fresh, dried, and canned fruits, and vegetables in abundance. As a matter of fact, each person has provided for him at least 3½ pounds of food daily.

\*NOTE.—The cost of food, expressed above, is based only on the supplies purchased. The food products of farm, garden, and dairy will add from 1½ to 2½ cents to the above cost of food.

The one way in which it is possible to reduce still further the cost of food is by increasing the products of farm, garden, and dairy. Of milk we have not enough now, and our dairies should be enlarged and more land added for their maintenance.

While the food provided is abundant in quantity and of good quality, sufficient for health, it might be given a greater variety with advantage. Possibly in improving the diet there would be no distinct advantage other than the promotion of comfort and satisfaction, but if any item of expense connected with the hospitals is worthy of increase it is food.

In this connection it may be stated that out of fifty-two State asylums in twenty-four different States there is but one that feeds its patients as cheaply as the lowest of our hospitals, and not to exceed four that are as low as the highest of ours.

#### CLOTHING.

Of the other large sources of expense, clothing may need some attention. It costs to provide clothing, shoes, dry goods, and bed linen for each patient one day, one cent and eight mills; for one year, \$6.80; for all the patients one year, \$10,547.69.

The clothing provided for the male patients, while warm, comfortable, and durable, is not slightly and cannot be reduced in cost with justice to the patients. As a matter of fact, it is being gradually improved, and there is room for still further improvement. The dry goods, bed linen, etc., are of good quality, and answer all the purposes well.

#### FUEL AND LIGHT.

Another source of considerable expense is fuel and light, in which is included, of course, steam for heating the wards, cooking and laundry work.

The Stockton State Hospital, having a large supply of natural gas from its own wells, is enabled to produce heat, power, and light at about half the cost of the other hospitals.

The daily cost of these items for one patient at Stockton is one cent and four mills; the yearly cost \$5.11, and the total yearly cost for all is \$7,856.77. The other hospitals cost \$10.80 to \$16.77 per patient per year.

Two of the hospitals are lighted by coal gas, manufactured on the premises, at a cost of \$1.15 per thousand feet. One uses gas made from gasoline, and one, the Southern California State Hospital, purchases electric light at a cost of \$200 per month.

Heating and ventilation being intimately connected, it may be safely said that there is but one of our State hospitals that has a thoroughly efficient system of heating and ventilation, and that is the

Southern California State Hospital, which has a system of forced ventilation that is excellent. The rest of the institutions rely on natural ventilation, which certainly does not always accomplish the desired results in many of the crowded wards and dark pantries. The heating system in many of our hospitals has to be supplemented by stoves.

An improvement in the heating and ventilation system is more generally needed in our hospitals than any one single improvement, and while it cannot all be done at once, a start should be made on one hospital and continued from time to time until all are properly equipped in this direction.

For the purposes of comparison it may be stated that out of forty-five asylums located in twenty-one different States, there are but nine whose yearly per capita cost for fuel is lower than the highest of our State hospitals—the other thirty-six asylums compared being higher than ours in all cases, a number of them being twice as high.

#### REPAIRS.

Ordinary repairs may be said to cover a multitude of expenditures, from patching up an old pipe to putting in a new system of pipes, or from repairing the roof of an old barn to building a new barn from an old one and still calling it repairs. It is undoubted, though, that constant repairs to pipe systems, machinery, sewer system, buildings, and appurtenances are necessary for the preservation of the State's property. The daily per capita cost for this purpose is one cent and seven mills; the yearly per capita cost, \$6 49, and the total yearly cost, \$9,974 17.

This item of expense might be reduced somewhat by confining the expenditure strictly to repairs and having extensions or additions charged against permanent improvements and estimated on in advance in such detail that it may be clearly known what was intended before the expenditure is authorized.

In discussing the various items of expense, the remarks, while using the Stockton State Hospital as a basis, are general, as they refer to all the other State hospitals as well.

In order that the cost may be shown in the same manner for all the hospitals, the following tables for the forty-eighth and forty-ninth fiscal years are submitted. The tables show the total amount expended for each hospital, the daily and yearly per capita on the moneys expended, and the various sources of expense:

*Total Cost of the Five State Hospitals, Together With the Average Number of Patients and Stock on Hand, for the Year Ending June 30, 1897.*

| Hospital.          | Support.     | Salaries.    | Contingent Fund. | Total.       | Number Patients. | Stock on Hand. |
|--------------------|--------------|--------------|------------------|--------------|------------------|----------------|
| Stockton .....     | \$102,104 22 | \$94,187 30  | \$17,549 91      | \$213,841 43 | 1,527            | \$1,162 44     |
| Napa .....         | 91,142 47    | 84,334 30    | 8,812 41         | 194,289 18   | 1,420            | 1,215 59       |
| Agnews .....       | 60,746 49    | 62,984 45    | 16,254 43        | 139,985 37   | 904              | 4,197 92       |
| Mendocino .....    | 40,137 31    | 35,441 90    | 5,641 21         | 81,220 42    | 383              | 6,551 79       |
| Southern Cal. .... | 39,306 33    | 37,998 16    | 6,630 66         | 83,935 15    | 508              | 1,353 66       |
| Totals .....       | \$333,436 82 | \$324,946 11 | \$54,888 62      | \$713,271 55 | 4,742            | \$14,481 40    |

*Total Cost of the Five State Hospitals, Together With the Average Number of Patients and Stock on Hand, for the Year Ending June 30, 1898.*

| Hospital.          | Support.     | Salaries.    | Contingent Fund. | Total.       | Number Patients. | Stock on Hand. |
|--------------------|--------------|--------------|------------------|--------------|------------------|----------------|
| Stockton .....     | \$98,713 88  | \$96,383 60  | \$12,559 55      | \$207,657 03 | 1,537            | \$2,729 05     |
| Napa .....         | 100,095 95   | 92,621 09    | 10,942 18        | 203,659 22   | 1,446            | 4,717 38       |
| Agnews .....       | 60,785 45    | 61,478 85    | 1,699 69         | 123,961 99   | 914              | 5,304 00       |
| Mendocino .....    | 38,496 36    | 34,462 40    | 2,279 29         | 75,238 05    | 449              | 6,727 89       |
| Southern Cal. .... | 56,553 97    | 34,786 63    | 6,786 34         | 98,126 94    | 563              | 2,918 62       |
| Totals .....       | \$354,645 61 | \$319,730 57 | \$34,267 05      | \$708,643 23 | 4,909            | \$22,396 94    |

FINANCIAL STATEMENT.

The total expenditures of the five State hospitals for the year ending June 30, 1897, based on support, payroll, and contingent fund, was \$713,271 55, and during the same period 4,742 patients were taken care of.

The total expenditures of the five State hospitals for the year ending June 30, 1898, based on support, payroll, and contingent fund, was \$708,643 23, while during the same period 4,909 patients were cared for.

It will be seen from the above figures that the expenditures for the year ending June 30, 1898, were \$4,628 32 less than for the previous year, while at the same time 167 patients more were taken care of. The cost of caring for this increase of patients was \$25,471 98, which, added to the \$4,628 32, makes a total saving of \$30,100 30.

The expenditures of the five State hospitals for the year ending June 30, 1897, based on support and payroll, was \$658,382 93, while for the year ending June 30, 1898, the expenditures were \$674,376 18. This shows an increase during the latter year of \$15,993 25, but it should be borne in mind that during the latter year 167 patients more were taken care of, at an expense of \$25,471 98, thus making a saving on this basis of \$9,478 73.

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94  
95  
96  
97  
98  
99  
100



*Amount Expended for Support for Fiscal Year Ending June 30, 1897.*

| Expended for                | Stockton.    | Napa.        | Agnewa.      | Southern California. | Mendocino.  |
|-----------------------------|--------------|--------------|--------------|----------------------|-------------|
| Salaries and wages.....     | \$94,187 30  | \$94,334 30  | \$82,984 45  | \$37,998 16          | \$35,441 90 |
| Food.....                   | 57,743 57    | 51,739 58    | 31,697 76    | 18,877 71            | 14,908 21   |
| Stores.....                 | 3,856 14     | 3,128 35     | 2,671 78     | 1,429 80             | 1,515 41    |
| Ordinary repairs.....       | 9,015 76     | 5,514 49     | 5,597 08     | 1,634 21             | 6,985 59    |
| Farm and grounds.....       | 2,490 53     | 1,844 64     | 1,597 30     | 1,219 93             | 898 15      |
| Clothing and dry goods..... | 10,155 17    | 9,871 85     | 4,195 46     | 2,893 12             | 2,591 19    |
| Furniture and bedding.....  | 2,261 62     | 3,203 25     | 576 49       | 697 55               | 534 58      |
| Books and stationery.....   | 240 78       | 210 85       | 178 35       | 157 32               | 53 37       |
| Fuel and light.....         | 10,483 35    | 11,495 30    | 10,859 63    | 9,408 92             | 8,301 49    |
| Medical supplies.....       | 2,476 97     | 2,107 78     | 1,394 15     | 1,549 49             | 739 19      |
| Managers' per diem.....     | 1,906 10     | 777 20       | 1,060 50     | 1,593 20             | 1,417 60    |
| Miscellaneous.....          | 1,094 23     | 1,219 18     | 918 10       | 716 06               | 1,361 55    |
| Total amount expended.....  | \$198,291 52 | \$185,476 77 | \$123,730 94 | \$78,135 47          | \$74,748 23 |
| Unexpended balance.....     | 15,116 52    | 30,519 58    | 20,759 81    | 8 53                 | 9,469 42    |
| Amount appropriated.....    | 202,500 00   | 200,000 00   | 136,000 00   | 77,148 46            | 72,500 00   |

*Amount Expended for Support for Fiscal Year Ending June 30, 1898.*

| Expended for                | Stockton.    | Napa.        | Agnewa.      | Southern California. | Mendocino.  |
|-----------------------------|--------------|--------------|--------------|----------------------|-------------|
| Salaries and wages.....     | \$96,383 60  | \$92,621 09  | \$61,476 65  | \$34,796 63          | \$34,462 40 |
| Food.....                   | 51,703 45    | 55,854 83    | 29,171 81    | 19,467 09            | 17,297 72   |
| Stores.....                 | 3,556 73     | 2,802 76     | 2,961 77     | 2,164 97             | 1,454 54    |
| Ordinary repairs.....       | 9,974 17     | 7,744 63     | 3,622 48     | 4,377 43             | 3,789 87    |
| Farm and grounds.....       | 5,336 14     | 3,632 29     | 3,846 96     | 6,332 93             | 1,114 50    |
| Clothing and dry goods..... | 10,547 69    | 6,866 42     | 5,138 59     | 5,259 00             | 2,669 09    |
| Furniture and bedding.....  | 3,040 88     | 2,322 76     | 1,920 26     | 2,058 55             | 1,132 60    |
| Books and stationery.....   | 368 84       | 266 16       | 362 38       | 423 62               | 214 77      |
| Fuel and light.....         | 7,858 77     | 15,408 42    | 10,128 42    | 9,444 14             | 6,121 43    |
| Medical supplies.....       | 1,909 17     | 1,785 33     | 1,077 08     | 1,180 98             | 818 28      |
| Managers' per diem.....     | 1,794 00     | 1,603 30     | 1,220 20     | 1,993 90             | 2,782 00    |
| Miscellaneous.....          | 2,628 04     | 1,809 05     | 1,335 50     | 3,451 36             | 1,101 58    |
| Total amount expended.....  | \$195,097 48 | \$192,717 04 | \$122,262 30 | \$91,340 60          | \$72,958 76 |
| Unexpended balance.....     | 4,059 46     | 3,626 99     | 10,493 03    | 1,519 91             | 4,854 22    |
| Amount appropriated.....    | 202,500 00   | 200,000 00   | 134,688 00   | 95,000 00            | 80,000 00   |

APPROPRIATIONS REQUESTED FOR THE ENSUING TWO FISCAL YEARS.

The State hospitals have requested appropriations for support for the ensuing two fiscal years, according to the following table:

|                          |              |
|--------------------------|--------------|
| Stockton.....            | \$409,000 00 |
| Napa.....                | 440,000 00   |
| Agnewa.....              | 319,010 00   |
| Mendocino.....           | 192,172 00   |
| Southern California..... | 247,521 10   |

SPECIAL APPROPRIATIONS.

Special appropriations are requested by the different State hospitals according to the following table:

|                              |             |
|------------------------------|-------------|
| <i>Stockton.</i>             |             |
| Dairy farm.....              | \$25,000 00 |
| Gas well.....                | 15,000 00   |
| <i>Napa.</i>                 |             |
| Fire-escapes.....            | \$11,000 00 |
| Water-supply reservoirs..... | 100,000 00  |
| Additional land.....         | 30,000 00   |
| Ice plant.....               | 4,000 00    |
| Electric light plant.....    | 10,000 00   |

|                                  |                             |             |
|----------------------------------|-----------------------------|-------------|
|                                  | <i>Agnews.</i>              |             |
| Storage battery.....             | .....                       | \$5,000 00  |
| Heating and ventilating.....     | .....                       | 10,000 00   |
| Amusement of patients.....       | .....                       | 2,000 00    |
| Plumbing.....                    | .....                       | 5,000 00    |
|                                  | <i>Southern California.</i> |             |
| Cottage for female patients..... | .....                       | \$30,000 00 |
| Furnishing same.....             | .....                       | 3,000 00    |
| Storm drain.....                 | .....                       | 7,000 00    |
| Administration building.....     | .....                       | 100,000 00  |
| Furnishing same.....             | .....                       | 12,000 00   |
| Community dining-room.....       | .....                       | 10,000 00   |
| Superintendent's residence.....  | .....                       | 7,000 00    |
| Two boilers.....                 | .....                       | 4,000 00    |
|                                  | <i>Mendocino.</i>           |             |
| Electric light plant.....        | .....                       | \$2,000 00  |
| Cold storage and ice plant.....  | .....                       | 3,000 00    |
| Building for ice plant.....      | .....                       | 1,000 00    |

The Commission refrains from saying anything extensive as to the necessity for the special appropriations required. It simply expresses the belief that no building appropriations for the care of patients will be required at any of the State hospitals of Northern and Central California. The Southern California State Hospital is very crowded, and absolutely requires additional buildings for the accommodation of patients.

On the question of additional land asked for by the different State hospitals, the Commission is of the opinion that some of the appropriations should be granted. A hospital farm intelligently directed is a source of economy, and this branch of hospital industry should be encouraged.

The tables showing the appropriations for support are made in such a manner that the Legislature can readily see upon what basis the appropriation is asked, and the proposed cost of caring for patients for the ensuing two fiscal years.

The following is the recommendation of the Commission for the appropriations for support of the five State hospitals for the ensuing two fiscal years:

|  |  |           |
|--|--|-----------|
| Stockton.....  |  | \$109,000 |
| Based on 1,600 patients, at a cost of 35 cents per day.                |  |           |
| Napa.....  |  | 409,000   |
| Based on 1,500 patients, at a cost of 37½ cents per day.               |  |           |
| Agnews.....  |  | 291,270   |
| Based on 1,050 patients, at a cost of 38 cents per day.                |  |           |
| Mendocino.....   |  | 190,000   |
| Based on 550 patients, at a cost of 45 cents per day.                  |  |           |
| Southern California.....   |  | 235,425   |
| Based on 620 patients, at a cost of 45 cents per day, 52d fiscal year. |  |           |
| (750 patients, at a cost of 43 cents per day, 53d fiscal year.         |  |           |

#### PAY PATIENTS AND CONTINGENT FUND.

The provisions of the new lunacy law, providing for the collection of moneys for the maintenance of those patients who are able to pay, or who have relatives as specified by the law who are able to pay, makes

more prominent a difficulty that has always existed in dealing with the so-called pay patients.

The old law, while making payments compulsory in certain cases, made no provision for extra food or better accommodations for that class of patients; the new law is also silent on this point.

As a matter of practice, the asylums, and later the hospitals, have always made extra provision for pay patients, given them a somewhat more varied diet, and, where possible, better furnished rooms. As a result of this practice larger numbers of pay patients have been placed on the books, and the collections from that source have been greater; but many of this class have been paid for in order that they might get these extras and not because of a desire to comply with the law. Should the policy be continued of providing extras for pay patients? It seems a good proposition to do it, even though the law does not provide for it.

The income derived from pay patients is by far the largest source of revenue going to make up the contingent fund—a fund greatly desired by the hospital authorities, as by its use many emergencies could be met and many claims, legal, but not considered exactly regular by the State Board of Examiners, could be liquidated.

The contingent fund derived from board of pay patients, sale of old rags and junk, and products raised on the farm, hay, fruit, is deposited with the treasurer of the hospital, and until the passage of the new lunacy law has been entirely under the control of the board of trustees of each institution, they reporting to every Legislature the receipts and expenditures.

Under the present law estimates must be submitted to and approved by this Commission before any money can be expended from the contingent fund.

That you may fully realize the amount of money involved in the management of the contingent fund, the following statement of the receipts and expenditures from that fund since its authorization by the Legislature in 1883, is presented:

|  |                    |
|--|--------------------|
| Total receipts in contingent funds of the five State hospitals ..... | \$591,348 49       |
| Total expenditures contingent funds of the five State hospitals..    | 545,837 82         |
| <b>Balance on hand June 30, 1898 .....</b>                           | <b>\$45,510 67</b> |

To present these figures in more detail the following statement is given, showing receipts and expenditures of each State hospital:

| Hospital.                 | Receipts.           | Disbursements.      | Balance on Hand.   |
|---------------------------|---------------------|---------------------|--------------------|
| Stockton .....            | \$252,800 02        | \$219,955 27        | \$2,844 75         |
| Napa .....                | 215,982 25          | 202,968 48          | 12,983 77          |
| Agnews .....              | 80,617 73           | 55,796 78           | 24,820 95          |
| Mendocino .....           | 13,969 67           | 10,430 98           | 3,538 69           |
| Southern California ..... | 27,978 82           | 28,656 31           | 1,322 51           |
| <b>Totals .....</b>       | <b>\$591,348 49</b> | <b>\$545,837 82</b> | <b>\$45,510 67</b> |

These figures are pretty large, and will doubtless surprise those who have not given the subject much attention, and coincident with the feeling of surprise will involuntarily arise the question, what has become of all this money; has it been expended for the best interests of the State, and under whose supervision has this half million of dollars been spent? In answering these questions, as a general proposition, it may be safely asserted that the money has been used for the best interests of the institutions and under authority of law. Difference of opinion may arise as to whether these expenditures would have been always approved by the executive and legislative branches of the State government had they known in advance what was contemplated, but the improvements and betterments made through contingent fund expenditures have at least resulted in many needed additions to each local hospital which could not always be counted on as deemed necessary or urgent enough to require legislative appropriations.

Some good buildings have been erected by means of the contingent fund, and, under the supervision of the local hospital authorities, at a much less cost than they could have been built under a legislative appropriation, and by contract.

While the sums given as representing the cost of contingent fund buildings built by asylum authorities is very misleading, in that it does not show as an expense the amount of labor performed by employes working on the building and paid out of the regular hospital payroll, yet, as a matter of fact, the economical showing made is very gratifying, and the character of the work done is much superior than if done by contract.

Admitting that it may be judicious and business-like to continue to collect for the maintenance of those who are able to pay, and to sell products of State farms, is it best to continue the plan that now exists of handling the contingent fund?

The hospitals are State institutions, and the money they earn belongs to the State, and there seems no legitimate reason why it should not be expended as other State moneys are expended.

Why not have the receipts of the various contingent funds deposited monthly in the State Treasury, to the credit of the institution to which it belongs?

Let it only be paid out after an estimate has been allowed by the Lunacy Commission, the bills approved by the State Board of Examiners, and a warrant drawn by the Controller.

Statement Showing the Disbursements of the Five State Hospitals from the Contingent Fund, from the Time said Fund was Created by Law.

| Items.  | Stockton.                           | Napa.                               | Agnews.                             | Mendocino.                         | Southern California.                |
|---|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
|   | From July 1, 1883, to July 1, 1898. | From July 1, 1883, to July 1, 1898. | From July 1, 1886, to July 1, 1898. | From July 1, 1894, to July 1, 1898 | From July 1, 1894, to July 1, 1898. |
| Machinery, hardware, etc. ....                  | \$5,692 00                          | \$19,572 20                         | \$114 43                            | \$30 04                            | \$471 31                            |
| Farm and grounds.....                           | 16,200 81                           | 13,427 57                           | 4,006 56                            | -----                              | 3,132 89                            |
| Buildings.....                                  | 41,044 93                           | 27,292 84                           | 12,994 39                           | 4,526 03                           | 3,287 40                            |
| Furniture, bedding, crockery, etc. ....         | 29,683 04                           | 3,474 86                            | 5,764 50                            | 14 50                              | 776 34                              |
| Labor on grounds, painting, plumbing, etc. .... | -----                               | 42,660 93                           | -----                               | -----                              | 1,067 29                            |
| Rent of land and purchase of real estate .....  | 9,593 60                            | 570 00                              | 7,185 75                            | -----                              | -----                               |
| Interest and exchange.....                      | 13,456 07                           | 8,926 53                            | 86 81                               | 16 05                              | 21 92                               |
| Improvements and repairs..                      | 45,167 20                           | 33,926 09                           | 519 59                              | 481 47                             | 2,473 30                            |
| Entertainment and religious exercises.....      | 2,009 58                            | 3,843 65                            | 16 00                               | 195 03                             | 1,531 20                            |
| Traveling expenses .....                        | 3,960 40                            | 1,837 45                            | 522 30                              | 193 65                             | 1,043 80                            |
| Incidentals and miscellaneous .....             | 10,963 69                           | 3,232 04                            | 11,395 11                           | 2,128 06                           | 1,957 32                            |
| Small groceries, fruit, etc. ....               | 2,305 19                            | 401 38                              | 451 95                              | 17 50                              | 1,125 61                            |
| Refunded board and discharged patients .....    | -----                               | 3,956 00                            | 65 85                               | -----                              | 930 80                              |
| Sewerage, water, light, and heat .....          | 36,464 29                           | 21,463 24                           | 6,428 09                            | 2,287 73                           | 3,017 00                            |
| Fire protection .....                           | 2,957 82                            | 5,264 00                            | 63 00                               | -----                              | 727 12                              |
| Live stock .....                                | 9,248 01                            | 3,280 00                            | 258 00                              | 121 32                             | 1,461 50                            |
| Telegraph and telephone..                       | 120 60                              | 687 05                              | 101 10                              | 69 30                              | 472 69                              |
| Books and stationery.....                       | -----                               | 2,003 45                            | 324 36                              | 33 00                              | 111 73                              |
| Freight and express .....                       | -----                               | 623 35                              | 6 00                                | -----                              | 449 14                              |
| Advertising and printing .....                  | 665 94                              | 68 50                               | 357 75                              | 4 80                               | 212 45                              |
| Inspection and insurance of boilers .....       | 405 00                              | 857 81                              | -----                               | -----                              | 18 00                               |
| Attorneys' fees .....                           | 688 25                              | 180 20                              | 57 50                               | 112 50                             | 187 50                              |
| Subsistence assistant physician .....           | 1,630 00                            | -----                               | -----                               | -----                              | -----                               |
| Improvement of streets .....                    | 13,169 40                           | -----                               | -----                               | -----                              | -----                               |
| Ice plant .....                                 | -----                               | 3,077 44                            | -----                               | -----                              | 2,180 00                            |
| Metallic file cases .....                       | -----                               | 1,906 65                            | -----                               | -----                              | -----                               |
| Detective service.....                          | -----                               | 465 25                              | -----                               | -----                              | -----                               |
| Orr's shortage(ex-Treasurer)                    | 1,890 95                            | -----                               | -----                               | -----                              | -----                               |
| Transfer of money .....                         | 33 37                               | -----                               | -----                               | -----                              | -----                               |
| Tower clock.....                                | -----                               | -----                               | 783 50                              | -----                              | -----                               |
| Deficiency (support).....                       | 2,325 13                            | -----                               | 2,444 24                            | -----                              | -----                               |
| Revolving fund .....                            | 200 00                              | -----                               | 200 00                              | 200 00                             | -----                               |
| <b>Totals .....</b>                             | <b>\$249,955 27</b>                 | <b>\$202,998 48</b>                 | <b>\$54,196 78</b>                  | <b>\$10,430 98</b>                 | <b>\$26,656 31</b>                  |

Recapitulation.

| Hospital.                 | Receipts.           | Disbursements.      | Balance on Hand.   |
|---------------------------|---------------------|---------------------|--------------------|
| Stockton .....            | \$252,800 02        | \$249,955 27        | \$2,844 75         |
| Napa .....                | 215,982 25          | 202,998 48          | 12,983 77          |
| Agnews .....              | 79,017 73           | 54,196 78           | 24,820 95          |
| Mendocino .....           | 13,969 67           | 10,430 98           | 3,538 69           |
| Southern California.....  | 27,978 84           | 26,656 31           | 1,322 51           |
| <b>Grand totals .....</b> | <b>\$591,348 49</b> | <b>\$545,837 82</b> | <b>\$45,510 67</b> |

REPORT OF STATE COMMISSION IN LUNACY.

Comparative Table Showing the Disbursements from the Contingent Fund for the Two Years ending June 30, 1898.

| Items.                                   | Stockton.   |             | Napa.      |             | Agnews.     |            | Mendocino. |            | Southern California. |            |
|--|-------------|-------------|------------|-------------|-------------|------------|------------|------------|----------------------|------------|
|  | 1897.       | 1898.       | 1897.      | 1898.       | 1897.       | 1898.      | 1897.      | 1898.      | 1897.                | 1898.      |
| Machinery, hardware, etc.                | \$130 00    | \$191 96    | \$239 41   | \$1,439 00  | \$330 92    | \$650 33   | \$4,526 03 |            | \$1,270 98           | \$1,120 83 |
| Farm and grounds.                        | 455 15      | 850 05      | 676 55     | 436 55      | 283 07      | 117 00     | 4 50       |            | 610 29               | 646 97     |
| Buildings                                | 19 45       | 6,868 00    | 50 00      | 7,284 86    | 3,729 35    | 305 00     |            |            | 597 44               | 3,187 40   |
| Furniture, bedding, crockery, etc.       |             |             | 453 45     | 228 00      |             |            |            |            | 29 20                | 131 78     |
| Incidentals and miscellaneous.           |             |             | 1,614 67   | 654 00      | 86 81       |            |            |            |                      | 11 72      |
| Interest on bonds.                       | 130 50      |             | 13 55      |             | 7,185 75    |            | 6 00       |            | 1,100 35             | 759 24     |
| Interest on purchase of real estate      |             |             | 60 00      |             | 519 59      |            |            |            | 309 60               | 30 00      |
| Rent of land and purchase of real estate | 11,369 91   |             | 1,438 66   |             | 16 00       |            | 195 03     |            | 5 00                 | 282 20     |
| Improvement and repairs                  | 221 50      |             | 752 42     | 79 32       | 522 30      |            | 83 25      | \$12 56    | 516 59               | 17 50      |
| Entertainment and religious exercises    | 535 70      |             | 172 05     | 600 00      | 794 80      | 270 07     | 696 30     |            | 460 70               | 55 75      |
| Traveling expenses                       | 1,250 52    |             | 564 03     | 60 45       | 390 42      | 61 53      | 13 00      |            | 5 00                 | 40 00      |
| Incidentals and miscellaneous.           | 726 79      |             | 268 24     |             | 65 85       |            |            |            | 355 30               | 33 65      |
| Small groceries, fruit, etc.             |             |             | 107 50     |             | 674 12      |            | 21 00      | 2,266 73   |                      |            |
| Discharged patients and refunded board   | 275 36      |             |            |             | 6 00        |            |            |            | 127 00               | 450 00     |
| Sewerage, water, light, and heat         |             |             |            |             | 63 00       |            |            |            | 90 05                |            |
| Freight and express                      | 50 00       |             |            |             | 258 00      |            | 58 30      |            | 60 37                |            |
| Fire protection                          |             |             |            |             | 101 10      |            | 33 00      |            | 68 25                |            |
| Live stock                               | 70 75       |             | 40 00      |             | 28 60       | 295 76     | 4 80       |            |                      |            |
| Telegraph and telephone                  |             |             |            |             | 357 75      |            |            |            |                      |            |
| Books and stationery                     | 231 85      |             | 305 25     | 160 00      |             |            |            |            |                      |            |
| Advertising and printing                 |             |             | 180 00     |             |             |            |            |            |                      |            |
| Services of detective                    | 50 00       |             | 1,906 65   |             |             |            |            |            |                      |            |
| Inspection and insurance of boilers      |             |             | 4,539 04   |             |             |            |            |            |                      |            |
| Metallic file cases                      | 2,033 43    |             |            |             | 57 50       |            |            |            |                      |            |
| Improvement of streets                   |             |             |            |             | 783 50      |            |            |            |                      |            |
| Attorneys' fees                          |             |             |            |             |             |            |            |            |                      |            |
| Tower clock                              | \$17,549 91 | \$12,659 55 | \$8,812 41 | \$10,942 18 | \$16,254 43 | \$1,699 69 | \$5,641 21 | \$2,279 29 | \$1,081 01           | \$6,786 34 |
| Totals                                   |             |             |            |             |             |            |            |            |                      |            |

From the foregoing comparative table it will be seen, in the case of Stockton, that about \$5,000 less was expended during the year ending June 30, 1898, than in the previous year, while a residence was erected for the Medical Superintendent at a cost of \$6,868. In the case of Napa the expenditures during 1898 exceeded those of the previous year by \$2,130, but a residence was erected for the Medical Superintendent, at a cost of \$7,284 86. In the case of Agnéws about \$14,500 less was expended during the year ending June 30, 1898, than in the previous year. In the case of Mendocino about \$2,500 less was expended in 1898, and the expenditures during that period were principally for improvement of water supply. Expenditures at Southern California were less during the latter year, and buildings were erected at a cost of over \$3,000. In other words, the expenditures during the latter year were almost exclusively for permanent improvements and repairs, and the numerous other expenses were paid out of support where they belonged.

EXPENSES OF FARM, GARDEN, AND DAIRY OF THE FIVE STATE HOSPITALS,  
AND VALUATION OF PRODUCTS.

In this report, which is based on information supplied by the various State hospitals, it is deemed advisable to give some information which has not heretofore been available, regarding the operation of the farms belonging to the State and under the charge of Hospital Superintendents.

Although the table giving that information is made out in such shape that comparisons may be made, it is not intended to be comparative, for it would not be fair to make comparisons where the conditions existing are so different that similar results cannot be obtained. Success in farming and raising vegetables depends to a great extent on climate, soil, possibilities of irrigation, and contour of land. Some hospitals have practically no lands for grazing purposes, others have shortage of water to contend with, and in others the amount of available land is so small that agricultural operations are impossible.

In the following table the products are calculated as being worth so much per pound, etc., the prevailing market prices being the standard. With this explanation the following table cannot be misunderstood:

*Amount of Land Owned by the State Hospitals.*

|                                 |                 |
|---------------------------------|-----------------|
| Stockton (65 acres leased)..... | 128.80 acres.   |
| Napa (60 acres leased).....     | 1,229.10 acres. |
| Agnéws .....                    | 330 acres.      |
| Mendocino .....                 | 130 acres.      |
| Southern California.....        | 363 acres.      |

*Receipts and Disbursements of Farm, Garden, and Dairy for the Fiscal Year Ending June 30, 1898.*

| Hospital.                 | Receipts.          | Disbursements.     |
|---------------------------|--------------------|--------------------|
| Stockton .....            | \$14,851 01        | \$7,188 75         |
| Napa .....                | 17 391 16          | 9,752 29           |
| Agnews .....              | 9,441 61           | 7,283 55           |
| Mendocino .....           | 3,507 03           | 1,722 03           |
| Southern California ..... | 11,479 62          | 6,216 82           |
| <b>Totals</b> .....       | <b>\$56,670 43</b> | <b>\$32,163 44</b> |

NOTE.—The term "receipts," as used above, represents the value of the products of farm, garden, and dairy, based on the ruling market prices, and the term "disbursements" represents the cost of producing said products, *i. e.*, wages, feed for stock, seeds, etc.

The data given are reliable, and can be subjected possibly to but one criticism, and I am not sure that criticism would be just in this case. I refer to the work done on the farms by attendants, who take out patients and work from six to eight hours daily in vegetable garden or in the field. Their work is charged to the ward where a part of their time is spent.

There is no question at all that the work of patients would greatly benefit them, even if their labor did not amount to much, but as a matter of fact they do a vast amount and at practically no expense to the farm, as the attendants in whose care they work are generally charged against the ward.

The products of farm embrace nearly all kinds of vegetables, many varieties of fruit, grapes, hogs (converted into ham and bacon, used fresh, or sold), poultry, eggs, milk, hay, and grain. Food supplies go to increase the hospital dietary and to decrease the cost of feeding all who live at the hospital, thus lowering the per capita cost of caring for the patients.

The above table is convincing evidence that it pays to keep up the farm, for by an intelligent handling of it under ordinary circumstances it materially diminishes the cost of maintenance and pays for itself.

That a practical farmer, managing these State farms for his own benefit and at his own expense, might get along with less machinery and labor is probable, but as it is, the economical results are good.

In Southern California the expense of the farm is increased to some extent by the amount paid for water; while in Agnews unusually large purchases of cows make last year's expenses high.

Scarcely any hospital has enough grazing land to maintain cheaply the herd of cows necessary to furnish milk in sufficient abundance for the patients. Even Napa, with over twelve hundred acres, needs suitable land for grazing purposes. It has possibly eight hundred acres of land used for grazing now, but it is brushy and rocky, and when once

eaten off in the spring furnishes very dry picking the balance of the time.

Milk is such an important article of diet and so much desired by sick and infirm that it is only necessary to mention it to convince all of the necessity of an ample supply, and this I submit no hospital has in California at present.

Even were the farms and gardens of the State hospitals not self-sustaining, they are necessary adjuncts to every hospital for the insane. They afford exercising space for the patients and give them that opportunity for properly advised and conducted work that becomes one of the greatest curative measures.

The farm of the Southern California State Hospital, consisting of 360 acres, is a magnificent piece of property, and with proper irrigation will produce pretty nearly anything that may be desired in the line of fruits, vegetables, and cereals. It has a large orange orchard, that even now produces well, and in a few years will be a source of considerable income.

This is the first year that the products of farm, garden, and dairy have been given a financial value, and it disposes satisfactorily of the criticism often made that vegetables, hay, milk, and other productions could be bought more cheaply than they are raised by the State.

The Commission has been endeavoring to encourage an exchange of products between State institutions, with some degree of success.

As a striking evidence of the economy and advantage of maintaining State dairies, a comparison may be made between the cost of milk at the Mendocino State Hospital, where they have no dairy and are obliged to buy their milk at a present cost of 16 cents a gallon, and the remaining four State hospitals, where milk is produced on their own dairies at a cost ranging from 7 to 10 cents per gallon, without adding interest on the investment. With more land and a proper dairy Mendocino could save several hundred dollars a year on the cost of milk alone.

#### NUMBER OF INSANE IN STATE HOSPITALS AND IN THE STATE.

On June 30, 1898, the patients in the five State hospitals had reached the large number of five thousand and one (5,001), there being an increase of 199 during the forty-ninth fiscal year, from July 1, 1897, to June 30, 1898.

For the purposes of comparison, the following tables, showing the movement of patients in the State hospitals and the number remaining at the end of each fiscal year, are given.

Statements showing the number of patients in the hospitals at the end of each fiscal year for the last ten years, the number admitted each year, and the increase each year for the same period, are given. The

average number admitted and the average increase for the last ten years are also shown.

It will be seen that, while the average number admitted yearly for the last ten years has been 1,100, the admissions for the last two fiscal years have been 1,200 for the forty-eighth, and 1,160 for the forty-ninth fiscal year.

The average yearly increase has been 190, while for the last two years it has been 184 and 199.

In considering these figures it becomes apparent that 5,001 insane patients is a large number for a State with the population of California, but it should be understood that this number represents the total accumulation of those who remain out of 28,359 cases admitted during the last forty-five years, the remainder having been discharged or died.

An interesting fact in connection with the admissions for the twelve months ending June 30, 1898, is demonstrated by a careful examination of the commitments, which brings to light the fact that one fourth of the 1,160 patients admitted to the hospitals have been inmates of asylums before and were committed because of a relapse or recurrence of the previous insanity. Many of this one fourth had been in asylums from two to four times, and asylums all over the United States are represented by patients relapsing and being committed to our own State hospitals.

Much might be said upon the question of the causation of insanity, but briefly the most prolific causes are heredity, excessive use of alcoholic and other toxic agents, poverty, and disease. As having some bearing on the increase of insanity, the question of civilization is deserving of some consideration. With the advance of civilization and the attendant cares and duties that are forced upon the brain of the modern man, that organ becomes a very different instrument from the brain of primitive man. Forced to new, complex, and ever-changing duties, it has many issues thrown upon it, all differing from the others and requiring new lines of thought and consequent strain.

In the place of thoughts and actions so simple as to be almost automatic, there are new lines of thought, new problems to be met and rapidly solved, difficulties to be overcome, each accompanied by its attendant fatigue. Ambition and disappointment add their quota to the already overburdened brain.

The simple pleasures of the past no longer satisfy, and in their place we must have for amusement that which excites and appeals more to the grosser emotions and passions, adding to their spiciness with an artificial stimulation that creates an abnormal activity of brain, interferes with its circulation and nutrition, and leaves its impress with each depression that follows the unnatural stimulation.

The conditions above noted may not be sufficient alone to produce insanity or breakdown of nervous system, but they predispose to it by placing the individual in a condition favorable to the action of other causes, and they favor also descendants with a weakness engrafted upon them that renders them liable to become victims to nervous disease or insanity when exposed to causes which the man without inherited weakness would resist.

Although the subject of some contradiction, it may be pretty safely said that with the advance of civilization comes more insanity.

The causes above briefly enumerated are, with many others, common to all civilized communities, but there are reasons aside from the above why California is obliged to care for more insane people than should be justly charged against it.

Our State has a reputation as a health resort, and many cases of nervous exhaustion, epilepsy in its milder forms, and other classes of nervous as well as bodily disease, come or are sent here in the hope of improvement or cures, and failing to be benefited, retrograde and finally land in our hospitals.

Our chief cities, San Francisco and Los Angeles, are a sort of dumping-ground for the Pacific Slope States, and many who have never been bona fide residents, find their way to the State hospitals from these cities, who have drifted into our State in search of work, or change, or health. That these facts are to a considerable extent answerable for an increased number of patients, is undoubted.

There are, under the supervision of this Commission, 5,001 people of unsound mind, and that figure may be fairly given as representing the insane population of the State.

One important fact bearing on the actual increase of insanity has not been shown by our asylum reports clearly heretofore, namely: the number of first admissions. The Commission has made an independent investigation, and gives in this article the number of first cases, and in future the statistics as to the number of first cases in which insanity developed within three months before admission will be shown in each hospital report. Such a table will accurately show the freshly occurring cases in our State, and give a much more accurate gauge of the mental health of the community than the present method of calculating the number in the hospitals at the close of the year as representing the number of insane a State is producing, while in fact it represents only the surplus remaining.

REPORT OF STATE COMMISSION IN LUNACY.

Movement of Patients during the Year ending June 30, 1897.

|                                       | Stockton. |       |       | Napa. |       |       | Agnew. |       |       | Mendocino. |       |       | Southern California. |       |       |
|---------------------------------------|-----------|-------|-------|-------|-------|-------|--------|-------|-------|------------|-------|-------|----------------------|-------|-------|
|                                       | Men       | Women | Total | Men   | Women | Total | Men    | Women | Total | Men        | Women | Total | Men                  | Women | Total |
| Number patients June 30, 1896.....    | 1,008     | 464   | 1,472 | 795   | 609   | 933   | 567    | 366   | 933   | 285        | 70    | 355   | 297                  | 157   | 454   |
| Number returned escapes.....          | 214       | 113   | 327   | 144   | 85    | 163   | 85     | 78    | 163   | 1          | 0     | 1     | 6                    | 0     | 6     |
| Number admitted to June 30, 1897..... | 1,222     | 577   | 1,799 | 948   | 694   | 1,642 | 652    | 444   | 1,096 | 444        | 131   | 575   | 476                  | 246   | 722   |
| Number under care and treatment.....  | 84        | 23    | 107   | 35    | 27    | 62    | 37     | 19    | 56    | 53         | 23    | 76    | 97                   | 41    | 138   |
| Number discharged recovered.....      | 11        | 9     | 20    | 10    | 9     | 19    | 16     | 15    | 31    | 9          | 3     | 12    | 1                    | 1     | 2     |
| Number discharged unimproved.....     | 12        | 10    | 22    | 1     | 1     | 2     | 33     | 14    | 47    | 7          | 2     | 9     | 1                    | 1     | 2     |
| Number discharged not insane.....     | 3         | 2     | 5     | 2     | 0     | 2     |        |       |       | 0          | 1     | 1     |                      |       |       |
| Number transferred.....               |           |       |       | 1     | 1     | 2     |        |       |       |            |       |       |                      |       |       |
| Number died.....                      | 80        | 40    | 120   | 71    | 45    | 116   | 33     | 27    | 60    | 58         | 8     | 66    | 26                   | 14    | 40    |
| Number escaped.....                   | 4         | 0     | 4     | 5     | 0     | 5     | 2      | 0     | 2     | 1          | 0     | 1     | 3                    | 0     | 3     |
| Total died, discharged, escaped.....  | 194       | 84    | 278   | 125   | 83    | 208   | 121    | 75    | 196   | 128        | 37    | 165   | 128                  | 57    | 185   |
| Number remaining June 30, 1897.....   | 1,028     | 493   | 1,521 | 823   | 611   | 1,434 | 531    | 369   | 900   | 316        | 94    | 410   | 348                  | 189   | 537   |

REPORT OF STATE COMMISSION IN LUNACY.

Movement of Patients during the Year ending June 30, 1898.

|                                  | Stockton. |       |       | Napa. |       |       | Agnew. |       |       | Mendocino. |       |       | Southern California. |       |       |
|----------------------------------|-----------|-------|-------|-------|-------|-------|--------|-------|-------|------------|-------|-------|----------------------|-------|-------|
|                                  | Men       | Women | Total | Men   | Women | Total | Men    | Women | Total | Men        | Women | Total | Men                  | Women | Total |
| Number patients June 30, 1897    | 1,028     | 493   | 1,521 | 823   | 611   | 1,434 | 531    | 369   | 900   | 316        | 94    | 410   | 348                  | 189   | 537   |
| Number returned escapes          | 195       | 110   | 305   | 10    | 1     | 11    | 1      | 0     | 1     | 2          | 0     | 2     | 132                  | 67    | 199   |
| Number admitted to June 30, 1898 | 1,223     | 603   | 1,826 | 942   | 720   | 1,662 | 648    | 461   | 1,109 | 469        | 154   | 623   | 480                  | 256   | 736   |
| Number under care and treatment  | 56        | 19    | 75    | 26    | 15    | 41    | 29     | 22    | 51    | 42         | 14    | 56    | 61                   | 34    | 95    |
| Number discharged recovered      | 21        | 13    | 34    | 14    | 23    | 37    | 26     | 16    | 42    | 8          | 5     | 13    | 0                    | 1     | 1     |
| Number discharged improved       | 2         | 3     | 5     | 1     | 2     | 3     | 4      | 1     | 5     | 3          | 1     | 4     | 0                    | 2     | 2     |
| Number discharged unimproved     | 5         | 0     | 5     | 3     | 1     | 4     | 1      | 1     | 2     | 1          | 1     | 2     | 0                    | 2     | 2     |
| Number discharged not insane     |           |       |       |       |       |       |        |       |       |            |       |       |                      |       |       |
| Number transferred               |           |       |       |       |       |       |        |       |       |            |       |       |                      |       |       |
| Number illegally committed       |           |       |       |       |       |       |        |       |       |            |       |       |                      |       |       |
| Number to correct                |           |       |       |       |       |       |        |       |       |            |       |       |                      |       |       |
| Number died                      | 86        | 50    | 136   | 57    | 46    | 103   | 42     | 37    | 79    | 53         | 14    | 67    | 33                   | 6     | 38    |
| Number escaped                   | 14        | 14    | 28    | 15    | 1     | 16    | 6      | 6     | 12    | 6          | 6     | 12    | 5                    | 5     | 10    |
| Total died, discharged, escaped  | 184       | 85    | 269   | 120   | 86    | 206   | 107    | 76    | 183   | 112        | 34    | 146   | 99                   | 62    | 161   |
| Number remaining June 30, 1898   | 1,039     | 518   | 1,557 | 842   | 624   | 1,466 | 541    | 385   | 926   | 357        | 120   | 477   | 381                  | 194   | 575   |

Average yearly admissions for last ten years, 1,100.  
 Average yearly increase for last ten years, 190.7.

The Commission has caused to be made a very careful investigation into the nationalities of the various patients in the five State hospitals, with the result that of the 5,001 inmates on June 30, 1898, 2,785 were foreign born. This does not include 112 "unknown" whose places of nativity are unknown, but a majority of whom are undoubtedly of foreign birth.

While it is true that a large number of these foreign born patients have taken out naturalization papers, and are therefore citizens of this country, nevertheless a large percentage are known to still acknowledge their allegiance to some foreign government, and to have come to this country simply for the purpose of bettering their circumstances, with the design of ultimately returning to the country of their birth. This is notably true of the Chinese, and a number of other patients who come from the southern part of Europe. A large number of these foreign born patients have expressed a desire to return to their native countries, and in many cases it is the opinion of the medical authorities having them in charge that if it were possible to send them home, where they would be environed by the surroundings of their youth and the mode and manner of life to which they were accustomed before coming to this country, they would undoubtedly, if not entirely recover, at least be very much improved. With this object in view, to improve the health of the patients, as well as to relieve the taxpayers of this State from the burden of caring for so many aliens, the majority of whom are not taxpayers and have paid nothing toward the support of the State government, the Commission has been actively engaged in trying to arrange for their return to the countries whence they came. The prospect for the return of the Chinese, particularly, is favorable, as the Chinese authorities at San Francisco are favorable to the project, and assure the Commission that there would be no opposition from the home government. However, the disturbed state of China for the past year, and the fact that there is not a single insane asylum in the Chinese empire, has occasioned an embarrassment on the part of the Commission which has not yet been overcome. The Commission, however, is at present in communication with the Chinese embassy at Washington, D. C., and hopes shortly to be able to report that it has succeeded in returning to China all the Chinese patients in the hospitals who are capable of making the voyage. In several cases, where patients were only in the country a very short while, arrangements have been made for their return through their Consuls. The British Consul-General in this respect has shown a great willingness to cooperate with the Commission, as has also Count Mutsu, the Japanese Consul at San Francisco.

While the cost of sending back the foreign patients in the hospitals, or at least so many of them as it will be found ultimately possible to return, will be large, it will still be a very economical measure, for the

reason that many of these patients would remain in the hospitals for the balance of their lives, if some such arrangement is not made; and the expense of caring for them for one year will be more than enough to return those whose homes are the most distant from their native land.

The accompanying table will show the number of foreigners in the five State hospitals, by nationality, and the total number of each nationality in all the hospitals. With the single exception of Great Britain and Ireland, natives of a country have been classed under the name of the dominating government, without regard to dependencies or provinces. Thus, the patients from Prussia, Saxony, and Bavaria have all been classed as Germans. Patients from Finland are classed as Russians. Patients from any of the five divisions of Australia are accredited to Australia.

*Nationality of Patients in the Five State Hospitals, July 1, 1898.*

|                    | Stockton. | Napa. | Agnews. | Mendocino. | Southern California. | Total. |
|--------------------|-----------|-------|---------|------------|----------------------|--------|
| Ireland            | 242       | 248   | 141     | 60         | 26                   | 717    |
| England            | 60        | 61    | 47      | 12         | 38                   | 218    |
| Scotland           | 22        | 16    | 13      | 1          | 6                    | 58     |
| Wales              | 0         | 6     | 2       | 0          | 0                    | 8      |
| Canada             | 27        | 34    | 27      | 10         | 16                   | 114    |
| Australia          | 5         | 9     | 3       | 1          | 4                    | 22     |
| Germany            | 192       | 199   | 104     | 49         | 51                   | 595    |
| Austria-Hungary    | 18        | 21    | 41      | 9          | 0                    | 87     |
| Denmark            | 22        | 15    | 8       | 9          | 0                    | 54     |
| Switzerland        | 28        | 20    | 15      | 8          | 6                    | 75     |
| Sweden             | 30        | 32    | 18      | 19         | 15                   | 114    |
| Norway             | 12        | 5     | 4       | 7          | 1                    | 29     |
| Holland            | 2         | 1     | 0       | 1          | 2                    | 6      |
| Belgium            | 3         | 1     | 1       | 0          | 1                    | 6      |
| France             | 49        | 38    | 22      | 11         | 18                   | 136    |
| Italy              | 40        | 30    | 18      | 12         | 12                   | 112    |
| Spain              | 3         | 1     | 0       | 0          | 2                    | 6      |
| Portugal           | 14        | 11    | 16      | 5          | 2                    | 48     |
| China              | 82        | 33    | 17      | 26         | 10                   | 168    |
| Japan              | 7         | 3     | 6       | 1          | 0                    | 17     |
| Russia             | 19        | 23    | 13      | 21         | 7                    | 83     |
| Turkey             | 1         | 1     | 0       | 0          | 0                    | 2      |
| Mexico             | 22        | 15    | 13      | 4          | 8                    | 62     |
| India              | 2         | 1     | 0       | 0          | 2                    | 5      |
| Greece             | 1         | 0     | 0       | 1          | 0                    | 2      |
| Chile              | 4         | 5     | 1       | 0          | 0                    | 10     |
| Peru               | 2         | 2     | 0       | 0          | 0                    | 4      |
| New Zealand        | 1         | 0     | 0       | 0          | 0                    | 1      |
| Guatemala          | 1         | 1     | 0       | 0          | 0                    | 2      |
| Argentine Republic | 0         | 0     | 0       | 0          | 1                    | 1      |
| Western Isles      | 12        | 1     | 0       | 0          | 0                    | 13     |
| West Indies        | 4         | 0     | 1       | 0          | 0                    | 5      |
| Armenia            | 1         | 0     | 0       | 0          | 0                    | 1      |
| South America      | 0         | 0     | 2       | 0          | 0                    | 2      |
| Africa             | 1         | 0     | 0       | 0          | 1                    | 2      |
| Unknown            | 925       | 831   | 533     | 267        | 229                  | 2,785  |
|                    | 9         | 41    | 23      | 22         | 17                   | 112    |

It may be well to remark in this connection that the number of patients of any given nationality, as given in this table, should always be considered in connection with the ratio which that nationality bears

to the foreign population of California. Thus—based on the census of 1890—the insane of Irish birth shows a percentage of 1.13 per cent, while the percentage of Russians is 2.05 per cent. It is also a notable fact that the percentage of insane is larger among those of foreign birth who do not talk English, than among those who do; which may probably be accounted for on the ground that their ignorance of the English tongue tends to isolate those who do not speak it, and therefore makes their struggle for life harder and their mental depression greater.

While the Commission has not completed tables as to occupations of patients, it may still be said that the largest percentage is of patients who come from the laboring and working classes; and the smallest from the business and professional classes. This is true, even when the relative ratios of these classes to the general population is considered.

In very many cases the foreign patients have no friends and no property, and, consequently, their entire support devolves upon the State. The United States Commissioner of Immigration, Mr. H. H. North, has been actively engaged in coöperating with the Commission in endeavoring to exclude from this State foreigners who are insane at the time of landing on our shores. The trouble, however, that the Commission has encountered in this direction is from patients shipped from the East, who are allowed to land in New York and other Eastern ports, and not from those who attempt to land at San Francisco and other ports on this coast.

In several cases parties have been sent to this State from the East who were confined in insane asylums in Europe before their arrival in this country, and who, if the United States immigration laws had been carefully enforced by the Eastern authorities at the ports, would never have been permitted to land at all.

The percentage of patients from the other States of the Union is very large. Of the 5,001 patients in our hospitals, only 605 are native Californians. Of the foreigners, a large proportion had been in this State for less than a year at the time of their commitment. This is true also, though to a less extent, of the patients who are natives of other States. In some cases it has come to the knowledge of the Commission that patients have been deliberately shipped to this State for the purpose of placing them in California asylums, not apparently so much because of supposed superior advantage in this State for treatment of the insane, as because here they would be a long way removed from their homes, and therefore less likely to be a trouble to their relatives and alleged friends.

#### EXAMINATION FEES AND TRANSPORTATION CHARGES.

A very important branch of the work of the Commission has been the collection of examination fees and transportation charges for non-indigent patients. The statutes have long provided that persons who

are able shall pay for their transportation to an asylum, or hospital, from the place where they were committed. The law of 1897 made it the duty of this Commission to collect this money, and also the money expended by the county for the examination of the patient before commitment.

This Commission prepared to undertake this work soon after it was organized; but there were several legal questions involved, and it was necessary to seek the advice of the Attorney-General before this department could be thoroughly organized. Difficulties were encountered, also, in securing the coöperation of the County Auditors, from whom, of necessity, the amount of the bills paid the medical examiners were to be obtained. Many of them had not noticed the provisions of the insanity law on this subject, and even when their attention was called to the matter many explanations were necessary before the information sought was received.

In the case of the San Francisco Auditor, after repeatedly promising to furnish the bills, and delaying the work of the Commission in collecting the amount due the State from San Francisco patients for months, he finally refused to comply with the law, and the Commission was forced to proceed without attempting to collect the money due to that county, with the result that San Francisco lost over \$1,000 she might easily have had. Collections aggregating \$1,641 25 have been turned into the State Treasury, and \$293 75 has been collected and returned to the several counties since October 18, 1897, making a total \$1,934 95 collected to December 1, 1898.

#### PAY PATIENTS.

It has long been a matter of gossip that there were patients in the hospitals who could pay, but who were being carried as indigent patients, the State paying all their expenses. The Commission determined to make a thorough examination of this matter, and began the work by requesting from the hospital authorities any information they might have concerning patients who should pay, but who were not contributing anything toward their support. Lists aggregating 98 names were sent to this office, and in every case the financial responsibility of the patient was thoroughly investigated, with the result of discovering a number of patients who could, but who were not paying.

Another method of discovering non-paying patients was adopted by the Commission, *i. e.*, by compiling complete lists of all the guardianship appointments for insane and incompetent persons that had been made in the several counties of the State, and then comparing the names of persons having estates, thus obtained, with the lists of patients who are or had been in the several State hospitals.

This work was begun in San Francisco, and a list of 776 cases was obtained. Similar lists have been made for Alameda, Solano, Napa, Marin, Santa Clara, Sacramento, Yolo, Sonoma, Santa Cruz, San Joaquin, and San Mateo counties; and the Commission now has a list of 1,778 names of persons, insane or incompetent, whose estates have appeared on the probate records of the counties named. As a result of this work the estates of over 400 former or present patients have been discovered.

A complete investigation of the property brought by patients on their persons, when committed to the hospitals, has been made for all of the hospitals except Southern California. Nearly a hundred bankbooks, besides certificates of deposit, checks, drafts, deeds for property, etc., have been discovered by this systematic search. Some of the accounts exceed \$1,000 in value, and many amounted well into the hundreds.

A comparison of the list of unclaimed deposits published by the banks has also been made with the lists of patients on the rolls of the hospitals, and considerable money has been recovered in this way.

The Commission also filed with San Francisco, and the other counties having criminal insane in any of the State hospitals, claims for the board of such patients, aggregating \$25,000. In some cases these claims have been allowed by the counties without dispute; but in others it has been found necessary to refer them to the Attorney-General to bring suit for the recovery of the amounts claimed. These suits are now pending.

Bills aggregating \$250,000 have been placed in the hands of the Commission for collection. All these bills are against patients who have or had estates, and a good percentage of this money will probably be ultimately collected. Most of them could have been collected with ease if there had been some central body, like the Commission, that would have looked after these collections, as is now being done, and collected the accounts promptly as they fell due. The importance of keeping up these collections, and of making all those who are able to pay for their maintenance do so, will be very evident when it is stated that if this work is thoroughly and conscientiously attended to the Commission is of opinion that the receipts from this source will be sufficient to enable the various hospitals to erect cottages from time to time as they are needed by reason of the increase of patients. In this way it will be possible to provide for any increase of the insane population of the State without applying to any future Legislature for any appropriation for the erection of additional buildings or accommodations for the insane.

Claims to the amount of \$161 have been allowed by the guardians of patients, or the courts, and will be paid as soon as the necessary money is on hand to meet them. Whenever patients had property or money,

but no guardians, the District Attorneys of the counties from whence they were committed were asked to comply with the provisions of the statutes of 1887 on this subject, and apply for the appointment of a guardian. Guardians have been appointed in over thirty cases. Where patients had died leaving property, the attention of the Public Administrator in the county from whence they were committed was called to the case, and letters of administration have been taken out. Over two hundred cases of this kind have been called to the attention of Public Administrators, and a large sum of money will be recovered by the hospitals as soon as the necessary formalities are complied with and the estates can be settled up.

Besides these cases which have been called to the attention of the Public Administrators in several counties of this State, the Commission has investigated personally nearly five hundred cases, as a result of the lists of names which it has secured of guardians for insane persons from the several counties. In some cases a similarity of name was discovered, and it was ascertained that the ward had never been a patient. In other cases the estate was entirely exhausted, and in a number of other cases some money has been recovered. There is a large number of cases which are now pending. These include, among others, a number of cases in which guardians were appointed to act for patients, but have never made any returns of their trust. The Commission has now arranged to cite these guardians into court for the purpose of having them account for money and property which has been in their hands. There will probably be over one hundred of these cases connected with the four northern hospitals alone, and undoubtedly a considerable sum of money can be recovered for the hospitals, as well as for the estates of patients. In several cases large sums of money—in one instance, aggregating nearly \$15,000—was in possession of a guardian who died several years ago, leaving no kind of assets or estate, and it has been found impossible to trace the money. Either nothing has been paid for these patients, or very little. There is no question of there having been thousands and thousands of dollars due insane patients which have been absorbed by their guardians without any of it going to the benefit of the patients or any of it being paid to the State for the patients' care. At present, as soon as a patient is admitted to the hospital, a careful investigation of his financial responsibility is made, and, if necessary, a guardian is at once appointed.

Another matter to which the Commission is now giving its attention is the question of pensioners. There are several patients in the hospitals entitled to Government pensions. In some cases it would appear that the guardians have drawn these pensions and made no return whatever of their trust. The United States Pension Agent at San Francisco has shown a great willingness and readiness to cooperate with the Com-

mission in tracing up cases of this kind, and there is a prospect of some important discoveries of money in a number of this class of cases.

The Commission is a subscriber to the Press-Clipping Bureau, and in many cases the financial responsibility of patients has been discovered by reference to the matter in the local papers of the places from which they were committed. Not only has the action of the Commission in this matter added thousands of dollars to the treasuries of the several hospitals, but it has resulted in saving much valuable property belonging to patients, and in the cases of deceased-patients with valuable estates, will add materially to the State School Fund from the unclaimed balance of the estates which escheats to that fund.

If the Legislature were to pass a law allowing the Commission to apply directly for the appointment of guardians for insane persons who have no relatives present to take care of their estates, it would greatly simplify and facilitate the work of the Commission; although, almost without exception, the Commission has found the county officials willing to do all that lay within their power to assist the Commission in its efforts to protect the interests of the unfortunate insane.

The Commission has so far collected, since March 1, 1898,

|   |             |
|---|-------------|
| From non-paying patients (collected by the Commission directly and paid over to the hospitals) .....                                      | \$9,641 85  |
| From non-paying patients (through instrumentality of the Commission, but without the money passing through the office of Commission)..... | \$2,216 04  |
| Making a total to its credit of.....  | \$11,857 89 |

When the amount collected for transportation and medical examiners' fees is added to the above, the aggregate is \$13,792 84, collected through the instrumentality of the Commission since October, 1897, to November 30, 1898.

Up to the close of the fiscal year ending June 30, 1898, the account stood as follows:

|  |            |
|--|------------|
| Board accounts (collected by the Commission) to June 30, 1898 .....                | \$5,219 81 |
| Board accounts (agency of Commission paid Hospitals direct) to June 30, 1898 ..... | 1,310 54   |
| Commitment expenses (collected by Commission) to June 30, 1898 .....               | 1,115 00   |
| Total.....   | \$7,645 85 |

The collections of the Commission are shown by the above report. They average \$1,229 39 per month for the current fiscal year to date; so that the Commission is more than paying all its expenses out of the collections of this department alone.

All of this money has been collected without recourse to lawsuits or contests in the courts. There are many cases now pending, besides the estates above referred to, from which it can reasonably be hoped that several thousand dollars more of money will be collected for the State.

It should be understood that all of this money collected for board of patients is in excess and separate from the amount regularly paid for the board of patients, or their friends, to the several hospitals. There

is a large number of pay-patients on the rolls of all the hospitals whose board is paid regularly and without the necessity of any extraordinary means to collect. The collections of the Commission are all of money, the existence of which was unknown, and from estates of patients who were supposed to be indigent, or from relatives and guardians who have never paid anything. In other words, all of this money has been discovered and unearthed through the efforts of the Commission.

#### THE MEDICAL CARE OF OUR INSANE IN STATE HOSPITALS.

It can be safely asserted that an advance is being made in the medical care of the insane in the State's charge. Careful attention has always been given to patients, but it can be truthfully said that rather more rigid investigation and more attention to detail and care of the sick now prevails. Clinical records have been prepared and sent out to the different hospitals, in order that full histories of each case may be kept on file for reference and assistance in treatment. These clinical records are now on trial at the different hospitals, and suggestion will be later asked from each medical corps looking to changes that may be advisable to promote conciseness and save labor, after which the record will be permanently adopted. As it is, the clinical forms necessitate an early and careful examination of each case admitted, a continued study of it, and investigation (physical, chemical, and microscopical) of the patient, and a close inquiry into probable predisposing and existing causes.

In considering the care and treatment of the insane it must be borne in mind that moral treatment is often of more importance than treatment by drugs, and that neither can be neglected at the expense of the other. Employment, amusement, and diversion will oftentimes do more to clear up a clouded brain than all the drugs in the pharmacopeia, and to neglect this form of treatment and to rely on medicine alone will bring about bad results.

It is not always taken into consideration that a large proportion of those admitted to our State hospitals for treatment are not sent there except as a last resort after years of progressive disease. In such cases changes in organic structure have occurred that render cure out of the question and make the treatment largely palliative and simply promotive of comfort and the best possible general health. The time for successful treatment of insanity is in the early stages, and the present system tends to bring about the careful examination that promotes exactness in diagnosis and intelligence in treatment. The lack of special wards or buildings for the care of the acutely insane or those acutely sick from bodily troubles prevents that careful nursing, attention, and medical care which would prevail in specially arranged hospitals, but even with the lack of special arrangements more careful

and constant nursing is gradually coming to be the rule. Some of the hospitals are further advanced in this regard than others, but all are improving. Under the present law medical internes have been appointed in some of the hospitals with benefit. Young men, generally those with a knowledge of microscopy, are selected, and close investigations are being made of diseased tissues. This is a distinct advance, and one that promises well.

While an hospital for the insane cannot be conducted as a general hospital, there is no doubt but that our methods of diagnosis and treatment may with advantage be patterned to some extent after the method pursued in the best general hospital. Surgery can without doubt be called to the aid of medicine and moral treatment more than has been done in the past, with the hope of bringing about cures in many cases, and, failing in complete cures, of palliating and placing the subject of operative measures in a better physical condition. Surgery may be carried to extreme, but in the California State hospitals surgery and radical measures should be called into hospital or asylum practice more than in the past. In this connection it would seem proper to encourage the State hospitals in employing more skilled and trained nurses than has been done. Every hospital should have a few nurses trained in the modern methods of caring for surgical and medical cases.

To sum up this subject the aim should be to individualize the patients, and to add to the methods of medical and moral treatment now prevailing, a closer investigation of possible physical causes and a more ready recourse to surgery for the removal of such bodily ailments as complicate or cause the existing mental trouble.

#### CIVIL SERVICE.

The civil service provision of the new lunacy law provides for appointment after competitive examination, and for continuance in office during good behavior and faithful service.

As the result of the law, 163 persons have been examined for positions in the State hospitals, and 130 have successfully passed the examinations and made themselves eligible for appointment. In making these examinations, efforts have been made to have the questions practicable and with special reference to the positions sought for. In the examinations for physicians or medical internes the questions cover practical points in hygiene, medicine, and surgery, while the questions for attendants are of a character to develop the candidate's ability to read and write correctly the English language, and to show his knowledge of the rudimentary principles of arithmetic. A physical examination of the applicant and some inquiry into his knowledge of the principles that should guide him or her in their association with the insane complete the examination.

The results obtained for the civil service examinations have undoubtedly been good. A more intelligent class seek the examinations, and by placing them in competition the Board of Managers and the Medical Superintendent are relieved from the importunities of those seeking places.

To the credit of California it may be truthfully said that politics have never been a factor in discharging attendants—those who have the immediate care of the patients. All parties have heretofore recognized that the care of the patients was the first consideration, and that the men who had direct charge of patients or who were called upon to deal with their care, and who were faithful, deserving, intelligent, and kind, should not lose their positions by reason of politics.

The civil service examinations have not been a source of unalloyed happiness to State hospital managers and superintendents. Some do not like the system at all, others admit its benefits, while others discourage its operation. The majority of those connected with State hospitals, however, are heartily in favor of the law, and at a meeting of representatives of Boards of Managers and the Medical Superintendents, held at Stockton December 29, 1898, the following resolution was unanimously adopted: "Resolved, That it is the sense of this meeting that civil service rules as applied to the State hospitals are beneficial, and should be enforced."

Some confusion has resulted from the lack of clearness in civil service provisions of the new lunacy law, but even as it is the law is an excellent one and will produce better results as its provisions become more generally understood.

It must be admitted that no competitive examination is a true test of an individual's merits for any business position. One theoretically or grammatically perfect may be lacking in that practical common sense knowledge that a verbal or written examination fails to bring out. While admitting the above, it is equally positive that you cannot tell a man's qualifications until he is tried, and that other things being equal, the man best informed theoretically in any line of business will generally be expected to be more successful than others not so well informed.

The enactment and enforcement of a civil service law is a step ahead in support of the agreement entered into years ago, and should be encouraged. For twenty years boards of directors or trustees have been changing politically without corresponding changes in the medical officials or rank and file of asylum employées.

Educational and other qualifications developed by proper examination certainly insure an improvement in the class of people appointed by personal or other influences non-political, and the accumulated experience gained by years of service adds much to the efficiency desired.

The person whose position is dependent on his character of service and good behavior is certainly more liable to work at his best than the one who expects removal with every change of party or passing away of the influence that appointed him, and who therefore has no inducement to study his work as his life's work.

SPECIAL HOSPITAL FOR CRIMINAL INSANE.

The necessity for a proper institution for the care of the criminal insane has long been apparent to those who have had experience with asylums and prisons.

There are now confined in our State hospitals 86 persons either criminals or charged with crime. Many of these are confirmed criminals and desperate men. No hospital in this State is prepared to care for criminal insane, and when they are transferred from the prison to the hospital they are of necessity associated with those who are sick and who are wards of the State only by reason of disease.

That this association of the criminal with the respectable citizen is unjust cannot be doubted; that it is dangerous is equally true.

Many of those transferred from the prison to the hospital are malingerers, seeking the transfer in the hope of escape from the insecure hospital. From the moment they arrive in the hospital they become a source of anxiety and trouble, for, in pursuance of their design to escape, they involve the insane in their efforts and menace the safety of those in charge of them. No hospital in this State is built sufficiently strong to detain a criminal determined to escape.

That a separate place is needed for the care of the criminal insane is undoubted, but there is a reasonable doubt as to the character and location of the institution.

The ideal system would be a separate hospital, distinct and apart from the prison and its associations. Such an arrangement would entail increased expense in the construction, and its maintenance would be high, because a separate set of officers, physicians, steward, etc., would be necessary. The most economical plan would be in the erection of a building at the Folsom State Prison, to be under the control of the Board of Prison Directors and under the immediate direction of the Warden. With the material and labor to be had at Folsom, cheap and satisfactory construction is guaranteed—no separate administration is required, the prison physician, with the assistance of a medical interne transferred from a State hospital, could give them medical attention, and the food could be supplied from the prison kitchen and steward's department.

From an economical standpoint its location at Folsom, with its abundant water supply and water power, is certainly ideal.

There are now in the State prisons between 75 and 100 prisoners who

are of unsound mind and who could be better cared for in an asylum of the kind above described.

To build and equip a proper hospital for two hundred patients at the Folsom State Prison would require an appropriation of \$75,000, and would probably accommodate all the criminal insane for the next ten years.

In recommending an appropriation for the erection of a hospital for the criminal insane, the Commission feels that every public-spirited citizen will recognize the humanity, the expediency, the necessity of removing from the hospitals this class of patients.

#### SPECIAL HOSPITAL FOR EPILEPTICS.

Dr. Osborne, Superintendent of the Home for Feeble-Minded Children, has made a suggestion that an appropriation be made to build cottages for epileptics on the farm connected with the institution.

The separation of cases of epilepsy from the insane has long been recommended by those having charge of hospitals for the insane.

Many epileptics who are now committed to our hospitals for the insane are not in the strict sense of the word insane, and should not be confined with them. Dr. Osborne's plan is, in brief, to take such cases of epilepsy as are capable of engaging in some useful industry, placing them in suitable cottages, and utilizing their labor on the farm, that they may be made in a measure self-sustaining, and at the same time submitting them to treatment. Many epileptics are, by reason of their infirmity, obliged to become dependents on the State, but are not mentally affected to an extent that requires their confinement as insane. They have a keen appreciation of their weakness, and while aware of their inability to make their own living, unassisted, they will do all they can to make themselves useful as part payment for support. An industrial life is better for them than idleness, and many of them have that degree of intelligence that will enable them to do skilled work. As it is now, a sane epileptic who is unfortunate to be without means must do one of two things, either lead a precarious and miserable existence at large, or look for relief in the halls of a hospital for the insane. They can be better cared for under the plan recommended by Dr. Osborne, and as they have to be cared for somewhere at the State's expense, it will cost no more to care for them at Glen Ellen than at the different State hospitals.

No new administration buildings are to be erected, but the necessary enlargement will be made by the erection of cottages, the supplies being drawn from the existing central department.

For these reasons, and with the belief that the change is only an effort to keep abreast of an enlightened public spirit, the Commission unhesitatingly indorses the proposition of Dr. Osborne.

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# REPORT

OF THE

# STOCKTON STATE HOSPITAL.

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REPORT OF THE BOARD OF MANAGERS  
OF THE  
STOCKTON STATE HOSPITAL.

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*To the State Commission in Lunacy, Sacramento, Cal.:*

GENTLEMEN: In accordance with the requirements of the State insanity law, the accompanying report of the Medical Superintendent for the year ending June 30, 1897, is respectfully submitted.

By reason of the fact that the existing law has been in operation for such a short period of time, we have no suggestions to make in connection with the affairs of this hospital at present.

JAS. H. HOUGH,  
Secretary.

J. D. McDOUGALD,  
President.

STOCKTON, CAL., August 14, 1897.

## REPORT OF THE MEDICAL SUPERINTENDENT.

FOR THE YEAR ENDING JUNE 30, 1897.

*To the Board of Managers of the Stockton State Hospital:*

GENTLEMEN: I hereby submit my annual report of the accounts and the statistical tables showing the general condition of the hospital for the year ending June 30, 1897.

The following summary of movement of patients shows that at the beginning of the year there were 1,472 patients under my charge; that the number admitted during the year was 327, making the whole number under care and treatment 1,799; of this number 107 were discharged as recovered, 20 as improved, 22 as unimproved, and 5 as not insane; 120 died, and 4 successfully escaped; leaving 1,521 patients in the hospital on June 30, 1897—an increase of 49.

The table of general statistics shows that since the opening of the institution there have been admitted 14,343 patients, of which 10,939 were males and 3,404 were females, 5,685 native born, 8,035 foreign born, and 623 whose nationality was unknown. The percentage of recoveries to admissions for the past year was 34.25, and the percentage of deaths to the number treated was 6.67. The other tables which follow furnish the usual statistical information and require no special comment.

From the tables showing the transactions of the Steward's Department it will be seen that the total expenditure for the care and maintenance of the patients, including ordinary repairs and payroll, was \$196,459 16; this is \$6,040.84 less than the appropriation. The per capita cost per diem was 35.2 cents, the lowest point reached in the history of the institution.

Respectfully submitted.

A. CLARK,  
Medical Superintendent.

STOCKTON, CAL., August 1, 1897.

MOVEMENT OF PATIENTS

*From June 30, 1896, to July 1, 1897.*

|  | Males.....   | Females..  | Total.....   |
|--|--------------|------------|--------------|
| Number of patients in the hospital July 1, 1896 .....      | 1,008        | 464        | 1,472        |
| Number admitted during the year ending June 30, 1897 ..... | 214          | 113        | 327          |
| <b>Whole number under care and treatment .....</b>         | <b>1,222</b> | <b>577</b> | <b>1,799</b> |
| Number discharged recovered.....                           | 84           | 23         | 107          |
| Number discharged improved.....                            | 11           | 9          | 20           |
| Number discharged unimproved .....                         | 12           | 10         | 22           |
| Number discharged not insane.....                          | 3            | 2          | 5            |
| Number died .....  | 80           | 40         | 120          |
| Number escaped.....  | 4            | 0          | 4            |
| <b>Total number discharged, died and escaped.....</b>      | <b>194</b>   | <b>84</b>  | <b>278</b>   |
| Number remaining in the hospital June 30, 1897 .....       | 1,028        | 493        | 1,521        |

NUMBER OF ADMISSIONS, DISCHARGES, DEATHS, ETC., FROM THE FOUNDATION OF THE HOSPITAL TO JULY 1, 1897.

| Years. | Admissions. |          |         |          | Discharges. |        |            |           | Deaths. | Escapes. | Resident at End of Year. | Increase. | Decrease. | Whole Number Treated. | Percentage of Recoveries to Admissions. | Percentage of Deaths to the Number Treated. | Per Capita Cost per Diem—Cents. |
|--------|-------------|----------|---------|----------|-------------|--------|------------|-----------|---------|----------|--------------------------|-----------|-----------|-----------------------|---|---|---------------------------------|
|        | Males.      | Females. | Native. | Foreign. | Unknown.    | Total. | Recovered. | Improved. |         |          |                          |           |           |                       |   |   |                                 |
| 1851   | 13          | 0        | 8       | 5        | 0           | 13     | 6          | 0         | 1       | 0        | 6                        | 6         | 0         | 13                    | 48.19                                   | 7.69  | .....                           |
| 1852   | 113         | 11       | 59      | 65       | 0           | 124    | 58         | 0         | 10      | 0        | 56                       | 56        | 0         | 130                   | 46.77                                   | 7.69  | .....                           |
| 1853   | 151         | 9        | 83      | 74       | 3           | 160    | 108        | 0         | 12      | 0        | 40                       | 40        | 0         | 222                   | 102                                     | 6.40  | .....                           |
| 1854   | 176         | 23       | 100     | 95       | 4           | 199    | 145        | 0         | 21      | 0        | 134                      | 32        | 0         | 304                   | 72.86                                   | 6.90  | .....                           |
| 1855   | 183         | 30       | 104     | 100      | 9           | 213    | 168        | 0         | 18      | 0        | 162                      | 28        | 0         | 348                   | 73.80                                   | 5.07  | .....                           |
| 1856   | 196         | 36       | 113     | 107      | 12          | 232    | 189        | 0         | 23      | 0        | 172                      | 10        | 0         | 394                   | 81.46                                   | 5.83  | .....                           |
| 1857   | 196         | 32       | 59      | 78       | 91          | 228    | 179        | 0         | 28      | 5        | 188                      | 16        | 0         | 400                   | 78.50                                   | 7.00  | .....                           |
| 1858   | 201         | 43       | 93      | 145      | 6           | 214    | 112        | 0         | 32      | 13       | 273                      | 85        | 0         | 432                   | 45.90                                   | 7.40  | .....                           |
| 1859   | 233         | 43       | 112     | 162      | 2           | 276    | 124        | 0         | 49      | 6        | 370                      | 97        | 0         | 549                   | 44.92                                   | 8.91  | .....                           |
| 1860   | 191         | 57       | 104     | 142      | 2           | 218    | 137        | 0         | 54      | 10       | 416                      | 47        | 0         | 618                   | 55.24                                   | 8.73  | .....                           |
| 1861   | 247         | 67       | 79      | 158      | 77          | 314    | 210        | 23        | 12      | 18       | 416                      | 1         | 1         | 731                   | 66.88                                   | 6.70  | 61.0                            |
| 1862   | 243         | 58       | 98      | 151      | 52          | 291    | 120        | 14        | 65      | 12       | 493                      | 83        | 0         | 717                   | 39.86                                   | 9.06  | 50.0                            |
| 1863   | 197         | 55       | 82      | 147      | 23          | 232    | 92         | 4         | 47      | 12       | 583                      | 84        | 0         | 751                   | 36.50                                   | 6.26  | 61.2                            |
| 1864   | 153         | 66       | 64      | 153      | 2           | 219    | 102        | 6         | 82      | 12       | 581                      | 51        | 2         | 802                   | 46.57                                   | 10.29                                       | 50.2                            |
| 1865   | 190         | 78       | 103     | 158      | 7           | 268    | 93         | 11        | 4       | 27       | 632                      | 61        | 0         | 849                   | 34.70                                   | 9.66  | 46.0                            |
| 1866   | 211         | 68       | 130     | 139      | 10          | 279    | 131        | 8         | 5       | 22       | 693                      | 61        | 0         | 911                   | 46.95                                   | 6.81  | 45.5                            |
| 1867   | 266         | 87       | 127     | 179      | 7           | 313    | 125        | 14        | 0       | 10       | 853                      | 76        | 0         | 1,008                 | 40.00                                   | 8.80  | 45.0                            |
| 1868   | 287         | 100      | 121     | 252      | 14          | 337    | 146        | 13        | 0       | 37       | 973                      | 84        | 0         | 1,156                 | 37.73                                   | 11.59                                       | 45.0                            |
| 1869   | 380         | 102      | 179     | 283      | 20          | 482    | 225        | 16        | 0       | 15       | 1,047                    | 67        | 0         | 1,335                 | 46.68                                   | 11.91                                       | 46.0                            |
| 1870   | 432         | 130      | 167     | 380      | 15          | 562    | 245        | 24        | 3       | 22       | 1,090                    | 43        | 0         | 1,482                 | 39.32                                   | 10.55                                       | 46.0                            |
| 1871   | 370         | 153      | 174     | 333      | 16          | 523    | 245        | 24        | 3       | 23       | 1,090                    | 43        | 0         | 1,570                 | 46.84                                   | 11.21                                       | 44.0                            |
| 1872   | 359         | 147      | 159     | 322      | 25          | 506    | 240        | 30        | 188     | 23       | 1,123                    | 33        | 0         | 1,696                 | 47.13                                   | 11.78                                       | 43.0                            |
| 1873   | 295         | 146      | 131     | 252      | 18          | 401    | 185        | 18        | 152     | 12       | 1,156                    | 33        | 0         | 1,624                 | 46.43                                   | 9.97  | 47.0                            |
| 1874   | 385         | 139      | 174     | 330      | 20          | 524    | 269        | 40        | 6       | 23       | 1,224                    | 68        | 0         | 1,680                 | 39.88                                   | 10.69                                       | 43.0                            |
| 1875   | 447         | 168      | 198     | 399      | 18          | 615    | 259        | 63        | 181     | 26       | 1,302                    | 78        | 0         | 1,839                 | 41.85                                   | 9.84  | 44.0                            |
| 1876   | 269         | 115      | 161     | 232      | 21          | 414    | 232        | 8         | 172     | 18       | 1,204                    | 19        | 88        | 1,716                 | 61.26                                   | 10.03                                       | 42.0                            |
| 1877   | 152         | 69       | 58      | 105      | 8           | 201    | 83         | 29        | 1       | 7        | 1,185                    | 7         | 19        | 1,415                 | 41.99                                   | 7.96  | 41.0                            |
| 1878   | 167         | 62       | 52      | 121      | 3           | 219    | 80         | 18        | 106     | 7        | 1,202                    | 7         | 0         | 1,415                 | 36.53                                   | 7.49  | 43.0                            |
| 1879   | 79          | 27       | 52      | 56       | 4           | 106    | 58         | 14        | 2       | 4        | 1,127                    | 0         | 75        | 1,308                 | 54.71                                   | 7.64  | 40.0                            |
| 1880   | 84          | 30       | 58      | 56       | 0           | 114    | 40         | 8         | 72      | 7        | 1,116                    | 0         | 11        | 1,241                 | 35.08                                   | 5.80  | 41.5                            |
| 1881   | 121         | 28       | 75      | 71       | 3           | 149    | 54         | 15        | 92      | 1        | 1,102                    | 0         | 14        | 1,265                 | 36.34                                   | 7.19  | 39.0                            |

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|---------------|---------------|--------------|--------------|--------------|------------|---------------|--------------|------------|------------|--------------|------------|--------------|------------|--------------|--------------|-------------|-------------|
| 1882          | 144           | 35           | 81           | 95           | 8          | 179           | 71           | 11         | 0          | 93           | 11         | 1,005        | 7          | 1,281        | 39.87        | 7.27        | 41.2        |
| 1883          | 180           | 60           | 122          | 182          | 4          | 268           | 68           | 9          | 1          | 86           | 6          | 1,184        | 80         | 1,353        | 26.35        | 6.35        | 43.0        |
| 1884          | 207           | 57           | 117          | 143          | 4          | 294           | 113          | 16         | 6          | 87           | 11         | 1,215        | 81         | 1,448        | 42.40        | 6.01        | 41.0        |
| 1885          | 259           | 82           | 147          | 185          | 9          | 341           | 60           | 13         | 6          | 87           | 11         | 1,379        | 164        | 1,556        | 17.40        | 5.69        | 41.0        |
| 1886          | 374           | 130          | 198          | 294          | 12         | 604           | 201          | 33         | 12         | 135          | 16         | 1,480        | 107        | 1,883        | 39.49        | 7.17        | 37.2        |
| 1887          | 328           | 86           | 172          | 228          | 14         | 414           | 179          | 18         | 9          | 133          | 8          | 1,553        | 67         | 1,840        | 43.23        | 7.00        | 39.0        |
| 1888          | 339           | 124          | 184          | 267          | 12         | 463           | 214          | 15         | 4          | 130          | 7          | 1,646        | 93         | 2,016        | 46.22        | 6.00        | 34.9        |
| 1889          | 393           | 136          | 237          | 276          | 16         | 629           | 194          | 44         | 215        | 134          | 8          | 1,680        | 60         | 2,175        | 36.07        | 8.48        | 34.6        |
| 1890          | 242           | 84           | 140          | 178          | 8          | 326           | 138          | 45         | 19         | 111          | 5          | 1,588        | 8          | 1,901        | 42.33        | 8.82        | 34.3        |
| 1891          | 256           | 58           | 145          | 163          | 6          | 314           | 161          | 46         | 14         | 96           | 12         | 1,573        | 15         | 1,902        | 61.27        | 5.05        | 34.9        |
| 1892          | 224           | 66           | 139          | 141          | 0          | 240           | 82           | 42         | 13         | 101          | 9          | 1,696        | 33         | 1,853        | 29.29        | 5.45        | 37.3        |
| 1893          | 275           | 77           | 168          | 180          | 4          | 352           | 121          | 38         | 11         | 120          | 11         | 1,657        | 51         | 1,958        | 34.28        | 6.13        | 36.6        |
| 1894          | 178           | 63           | 94           | 138          | 9          | 241           | 78           | 103        | 37         | 160          | 7          | 1,623        | 134        | 1,808        | 32.37        | 7.90        | 36.2        |
| 1895          | 160           | 53           | 117          | 146          | 1          | 213           | 76           | 20         | 4          | 137          | 6          | 1,493        | 30         | 1,731        | 35.68        | 7.89        | 34.4        |
| 1896          | 160           | 72           | 114          | 124          | 14         | 252           | 91           | 27         | 3          | 136          | 16         | 1,472        | 21         | 1,745        | 36.11        | 7.78        | 35.5        |
| 1897          | 214           | 113          | 160          | 152          | 15         | 327           | 112          | 20         | 22         | 120          | 4          | 1,521        | 49         | 1,796        | 34.25        | 6.67        | 35.2        |
| <b>Totals</b> | <b>10,939</b> | <b>3,404</b> | <b>5,685</b> | <b>8,035</b> | <b>623</b> | <b>14,343</b> | <b>6,365</b> | <b>975</b> | <b>464</b> | <b>4,546</b> | <b>472</b> | <b>2,004</b> | <b>463</b> | <b>2,004</b> | <b>84.25</b> | <b>6.67</b> | <b>35.2</b> |

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TABLE No. 1.

*Counties from which Patients were Committed, 1896-97.*

| Counties.                       | Males | Females | Totals |
|---------------------------------|-------|---------|--------|
| Alameda .....                   | 20    | 19      | 39     |
| Amador .....                    | 7     | 1       | 8      |
| Butte .....                     | 2     | 0       | 2      |
| Calaveras .....                 | 2     | 0       | 2      |
| Contra Costa .....              | 1     | 0       | 1      |
| El Dorado .....                 | 3     | 1       | 4      |
| Fresno .....                    | 8     | 4       | 12     |
| Kern .....                      | 10    | 0       | 10     |
| Kings .....                     | 2     | 1       | 3      |
| Los Angeles .....               | 0     | 3       | 3      |
| Madera .....                    | 1     | 2       | 3      |
| Mariposa .....                  | 3     | 1       | 4      |
| Merced .....                    | 1     | 0       | 1      |
| Modoc .....                     | 0     | 1       | 1      |
| Placer .....                    | 4     | 0       | 4      |
| Sacramento .....                | 22    | 9       | 31     |
| San Diego .....                 | 0     | 1       | 1      |
| San Francisco .....             | 58    | 42      | 100    |
| San Joaquin .....               | 39    | 18      | 57     |
| Santa Cruz .....                | 3     | 0       | 3      |
| Santa Clara .....               | 1     | 1       | 2      |
| Siskiyou .....                  | 1     | 2       | 3      |
| Stanislaus .....                | 1     | 2       | 3      |
| Sutter .....                    | 3     | 0       | 3      |
| Tulare .....                    | 11    | 1       | 12     |
| Tuolumne .....                  | 1     | 2       | 3      |
| Yolo .....                      | 3     | 0       | 3      |
| Yuba .....                      | 1     | 1       | 2      |
| State Prison, Folsom .....      | 2     | 0       | 2      |
| State Prison, San Quentin ..... | 4     | 1       | 5      |
| Totals .....                    | 214   | 113     | 327    |

TABLE No. 2.  
*Nativity of Those Admitted, 1896-97.*

| Nativity.             | Males | Females | Totals | Nativity.                 | Males | Females | Totals |
|-----------------------|-------|---------|--------|---------------------------|-------|---------|--------|
| <i>United States.</i> |       |         |        | <i>Foreign Countries.</i> |       |         |        |
| Arkansas              | 1     | 0       | 1      | Azores                    | 1     | 0       | 1      |
| California            | 32    | 26      | 58     | Austria                   | 5     | 0       | 5      |
| Illinois              | 6     | 2       | 8      | British North America     | 2     | 3       | 5      |
| Indiana               | 0     | 2       | 2      | China                     | 12    | 1       | 13     |
| Iowa                  | 3     | 3       | 6      | Denmark                   | 2     | 0       | 2      |
| Kansas                | 1     | 0       | 1      | England                   | 7     | 4       | 11     |
| Kentucky              | 2     | 0       | 2      | Finland                   | 0     | 1       | 1      |
| Maine                 | 1     | 0       | 1      | France                    | 7     | 1       | 8      |
| Maryland              | 1     | 0       | 1      | Germany                   | 28    | 13      | 41     |
| Massachusetts         | 2     | 0       | 2      | Holland                   | 1     | 0       | 1      |
| Michigan              | 4     | 0       | 4      | Ireland                   | 12    | 17      | 29     |
| Minnesota             | 1     | 1       | 2      | Italy                     | 6     | 2       | 8      |
| Missouri              | 5     | 1       | 6      | Japan                     | 1     | 0       | 1      |
| Nevada                | 2     | 0       | 2      | Mexico                    | 2     | 2       | 4      |
| New Hampshire         | 1     | 0       | 1      | Portugal                  | 1     | 0       | 1      |
| New York              | 15    | 4       | 19     | Russia                    | 1     | 0       | 1      |
| New Jersey            | 3     | 1       | 4      | Scotland                  | 2     | 3       | 5      |
| South Carolina        | 1     | 0       | 1      | Sweden and Norway         | 5     | 3       | 8      |
| Ohio                  | 5     | 2       | 7      | Switzerland               | 3     | 0       | 3      |
| Pennsylvania          | 2     | 3       | 5      | Turkey                    | 1     | 0       | 1      |
| Tennessee             | 7     | 1       | 8      | Western Islands           | 0     | 1       | 1      |
| Virginia              | 2     | 0       | 2      | New South Wales           | 0     | 2       | 2      |
| Wisconsin             | 2     | 0       | 2      | Unknown                   | 9     | 6       | 15     |
| United States         | 7     | 8       | 15     |                           |       |         |        |
| Totals                | 106   | 54      | 160    | Totals                    | 108   | 59      | 167    |

*Recapitulation.*

| Nativity.         | Males | Females | Totals |
|-------------------|-------|---------|--------|
| United States     | 106   | 54      | 160    |
| Foreign countries | 99    | 53      | 152    |
| Unknown           | 9     | 6       | 15     |
| Totals            | 214   | 113     | 327    |

TABLE No. 3.

*Age when Insanity first Appeared in those Admitted, 1896-97.*

| Ages.                   | Males | Females | Totals | Ages.                   | Males | Females | Totals |
|-------------------------|-------|---------|--------|-------------------------|-------|---------|--------|
| Under 10 years          | 2     | 3       | 5      | Between 55 and 60 years | 5     | 3       | 8      |
| Between 10 and 15 years | 3     | 0       | 3      | Between 60 and 65 years | 7     | 8       | 15     |
| Between 15 and 20 years | 8     | 8       | 16     | Between 65 and 70 years | 7     | 2       | 9      |
| Between 20 and 25 years | 21    | 16      | 37     | Between 70 and 75 years | 7     | 1       | 8      |
| Between 25 and 30 years | 29    | 13      | 42     | Between 75 and 80 years | 3     | 1       | 4      |
| Between 30 and 35 years | 35    | 19      | 54     | Between 80 and 85 years | 1     | 0       | 1      |
| Between 35 and 40 years | 23    | 6       | 29     | Between 85 and 90 years | 0     | 1       | 1      |
| Between 40 and 45 years | 29    | 7       | 36     | Unknown                 | 8     | 5       | 13     |
| Between 45 and 50 years | 18    | 10      | 28     |                         |       |         |        |
| Between 50 and 55 years | 8     | 10      | 18     | Totals                  | 214   | 113     | 327    |

TABLE No. 4.  
*Age at Time of Admission, 1896-97.*

| Ages.                    | Males | Females | Totals | Ages.                   | Males | Females | Totals |
|--------------------------|-------|---------|--------|-------------------------|-------|---------|--------|
| Between 10 and 15 years. | 2     | 0       | 2      | Between 60 and 65 years | 8     | 11      | 19     |
| Between 15 and 20 years  | 5     | 2       | 7      | Between 65 and 70 years | 7     | 3       | 10     |
| Between 20 and 25 years. | 15    | 12      | 27     | Between 70 and 75 years | 10    | 1       | 11     |
| Between 25 and 30 years. | 29    | 14      | 43     | Between 75 and 80 years | 4     | 2       | 6      |
| Between 30 and 35 years. | 39    | 18      | 57     | Between 80 and 85 years | 1     | 0       | 1      |
| Between 35 and 40 years. | 24    | 9       | 33     | Between 85 and 90 years | 0     | 1       | 1      |
| Between 40 and 45 years. | 29    | 12      | 41     | Unknown                 | 7     | 5       | 12     |
| Between 45 and 50 years. | 20    | 11      | 31     |                         |       |         |        |
| Between 50 and 55 years. | 10    | 9       | 19     |                         |       |         |        |
| Between 55 and 60 years. | 4     | 3       | 7      | Totals                  | 214   | 113     | 327    |

TABLE No. 5.  
*Cause of Insanity as Stated in Commitments, 1896-97.*

| Cause.                                     | Males | Females | Totals |
|--|-------|---------|--------|
| Masturbation                               | 23    | 1       | 24     |
| Epilepsy                                   | 9     | 2       | 11     |
| Injury to head                             | 7     | 1       | 8      |
| Heredity                                   | 3     | 5       | 8      |
| Alcoholism                                 | 5     | 1       | 6      |
| Menopause                                  | 0     | 4       | 4      |
| Melancholia                                | 2     | 2       | 4      |
| Family trouble                             | 2     | 2       | 4      |
| Menstrual derangement                      | 0     | 3       | 3      |
| Puerperal state                            | 0     | 3       | 3      |
| Apoplexy                                   | 3     | 0       | 3      |
| Syphilis                                   | 2     | 0       | 2      |
| Paresis                                    | 2     | 0       | 2      |
| Old age                                    | 2     | 0       | 2      |
| Excessive drink                            | 2     | 0       | 2      |
| Spiritualism                               | 0     | 2       | 2      |
| Childbirth                                 | 0     | 2       | 2      |
| Drug-habit                                 | 2     | 0       | 2      |
| Loss of child                              | 1     | 1       | 2      |
| Senility                                   | 1     | 1       | 2      |
| Disappointment in love                     | 1     | 1       | 2      |
| Excessive heat of sun                      | 2     | 0       | 2      |
| Injury                                     | 1     | 0       | 1      |
| Alcohol and morphia habit                  | 1     | 0       | 1      |
| Hard drinking and overwork                 | 1     | 0       | 1      |
| Mental depression                          | 1     | 0       | 1      |
| Loss of business                           | 1     | 0       | 1      |
| Epilepsy and self-abuse                    | 1     | 0       | 1      |
| Fall                                       | 1     | 0       | 1      |
| Cerebral embolism                          | 1     | 0       | 1      |
| La grippe and overheating                  | 1     | 0       | 1      |
| Congenital                                 | 1     | 0       | 1      |
| Starvation                                 | 1     | 0       | 1      |
| Wife and child burned to death             | 1     | 0       | 1      |
| Chronic alcoholism                         | 1     | 0       | 1      |
| Fright, and loss of money by gambling      | 1     | 0       | 1      |
| Excessive use of stimulants                | 1     | 0       | 1      |
| Excessive use of cigarettes and mint candy | 1     | 0       | 1      |
| Overwork                                   | 1     | 0       | 1      |

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TABLE No. 5—Continued.

| Cause.                                | Males | Females | Totals |
|---------------------------------------|-------|---------|--------|
| Opium-smoking                         | 1     | 0       | 1      |
| Living alone                          | 1     | 0       | 1      |
| Privation and masturbation            | 1     | 0       | 1      |
| Hemiplegia                            | 1     | 0       | 1      |
| Loss of work                          | 1     | 0       | 1      |
| Heredity and masturbation             | 1     | 0       | 1      |
| Recurrent nervous attack              | 1     | 0       | 1      |
| Overstudy                             | 1     | 0       | 1      |
| Worry over financial distress         | 1     | 0       | 1      |
| Mental overwork                       | 1     | 0       | 1      |
| La grippe                             | 1     | 0       | 1      |
| Use of narcotics                      | 1     | 0       | 1      |
| Head trouble                          | 1     | 0       | 1      |
| Fever                                 | 1     | 0       | 1      |
| Morphine and cocaine                  | 1     | 0       | 1      |
| Insomnia                              | 1     | 0       | 1      |
| Alcohol and exposure                  | 1     | 0       | 1      |
| Cerebral paralysis                    | 1     | 0       | 1      |
| Blow on head and trepanning           | 1     | 0       | 1      |
| Injury to brain                       | 1     | 0       | 1      |
| Shock                                 | 1     | 0       | 1      |
| Nasal catarrh                         | 1     | 0       | 1      |
| Religious excitement                  | 1     | 0       | 1      |
| Pecuniary troubles during pregnancy   | 0     | 1       | 1      |
| Morphine taken for ovarian pains      | 0     | 1       | 1      |
| Lactation                             | 0     | 1       | 1      |
| Religion                              | 0     | 1       | 1      |
| La grippe and family trouble          | 0     | 1       | 1      |
| Worry and domestic trouble            | 0     | 1       | 1      |
| Desertion by husband                  | 0     | 1       | 1      |
| General breaking down                 | 0     | 1       | 1      |
| Puerperal state                       | 0     | 1       | 1      |
| Heredity and menopause                | 0     | 1       | 1      |
| Premature birth and death of child    | 0     | 1       | 1      |
| Excitement attending marriage         | 0     | 1       | 1      |
| Heredity and family trouble           | 0     | 1       | 1      |
| Religious excess                      | 0     | 1       | 1      |
| Heredity and unfortunate surroundings | 0     | 1       | 1      |
| Shock to the brain                    | 0     | 1       | 1      |
| Death of husband and children         | 0     | 1       | 1      |
| Suppression of menses                 | 0     | 1       | 1      |
| Female troubles                       | 0     | 1       | 1      |
| Sexual excess                         | 0     | 1       | 1      |
| Death of husband                      | 0     | 1       | 1      |
| Unknown                               | 105   | 61      | 166    |
| Totals                                | 214   | 113     | 327    |

TABLE No. 6.

*Classification of Those Admitted, 1896-97.*

| Classes.                     | Males | Females | Totals |
|------------------------------|-------|---------|--------|
| Mania, acute                 | 43    | 18      | 61     |
| Mania, sub-acute             | 0     | 1       | 1      |
| Mania, chronic               | 19    | 9       | 28     |
| Mania, recurrent             | 7     | 8       | 15     |
| Mania, a potu acuta          | 7     | 0       | 7      |
| Mania, puerperal             | 0     | 3       | 3      |
| Mania, with hypochondriasis  | 0     | 1       | 1      |
| Melancholia, acute           | 17    | 5       | 22     |
| Melancholia, chronic         | 5     | 7       | 12     |
| Melancholia, recurrent       | 2     | 1       | 3      |
| Melancholia, hypochondriacal | 1     | 0       | 1      |
| Melancholia, stuporous       | 0     | 1       | 1      |
| Dementia, primary            | 5     | 0       | 5      |
| Dementia, secondary          | 4     | 9       | 13     |
| Dementia, senile             | 10    | 9       | 19     |
| Dementia, paralytic          | 27    | 1       | 28     |
| Dementia, apoplectic         | 5     | 0       | 5      |
| Paranoia                     | 43    | 27      | 70     |
| Epilepsy                     | 7     | 6       | 13     |
| Senility                     | 1     | 0       | 1      |
| Delirium                     | 1     | 1       | 2      |
| Neurasthenia                 | 1     | 0       | 1      |
| Morpho-mania                 | 1     | 0       | 1      |
| Insanity of Bright's disease | 0     | 1       | 1      |
| Alcoholism                   | 1     | 2       | 3      |
| Imbecility                   | 2     | 1       | 3      |
| Idiocy                       | 1     | 0       | 1      |
| Not insane                   | 4     | 2       | 6      |
| Totals                       | 214   | 113     | 327    |

TABLE No. 7.

*Civil Condition of Those Admitted, 1896-97.*

| Civil Condition. | Males | Females | Total |
|------------------|-------|---------|-------|
| Married          | 63    | 43      | 106   |
| Single           | 117   | 35      | 152   |
| Widowers         | 10    |         | 10    |
| Widows           |       | 23      | 23    |
| Divorced         | 1     | 1       | 2     |
| Unknown          | 23    | 11      | 34    |
| Totals           | 204   | 113     | 327   |

TABLE No. 8.

*Occupation of Those Admitted, 1896-97.*

| Occupation.        | Males | Females | Totals | Occupation.        | Males | Females | Totals |
|--------------------|-------|---------|--------|--------------------|-------|---------|--------|
| Attorney           | 2     | 0       | 2      | Millwright         | 1     | 0       | 1      |
| Artist             | 1     | 0       | 1      | Miner              | 13    | 0       | 13     |
| Baker              | 1     | 0       | 1      | Minister           | 2     | 0       | 2      |
| Barber             | 4     | 0       | 4      | Moulder            | 3     | 0       | 3      |
| Bartender          | 3     | 0       | 3      | Nurse              | 0     | 1       | 1      |
| Bookkeeper         | 1     | 0       | 1      | Painter            | 4     | 0       | 4      |
| Bootblack          | 1     | 0       | 1      | Peddler            | 1     | 0       | 1      |
| Brewer             | 1     | 0       | 1      | Plumber            | 1     | 0       | 1      |
| Bricklayer         | 1     | 0       | 1      | Printer            | 1     | 0       | 1      |
| Cabinetmaker       | 1     | 0       | 1      | Prostitute         | 0     | 1       | 1      |
| Candymaker         | 1     | 0       | 1      | Railroad employé   | 1     | 0       | 1      |
| Carpenter          | 5     | 0       | 5      | Real estate dealer | 3     | 0       | 3      |
| Clerk              | 4     | 0       | 4      | Reporter           | 2     | 0       | 2      |
| Cook               | 5     | 3       | 8      | Sailor             | 7     | 0       | 7      |
| Domestic           | 0     | 23      | 23     | Salesman           | 1     | 0       | 1      |
| Dressmaker         | 0     | 3       | 3      | Saloonkeeper       | 3     | 0       | 3      |
| Druggist           | 1     | 0       | 1      | Schoolboy          | 1     | 0       | 1      |
| Dyer               | 1     | 0       | 1      | Sea captain        | 1     | 0       | 1      |
| Engineer           | 1     | 0       | 1      | Seamstress         | 0     | 1       | 1      |
| Farmer             | 16    | 0       | 16     | Shepherd           | 2     | 0       | 2      |
| Furniture-dealer   | 1     | 0       | 1      | Signpainter        | 2     | 0       | 2      |
| Furniture-polisher | 1     | 0       | 1      | Shoemaker          | 1     | 0       | 1      |
| Gambler            | 2     | 0       | 2      | Stonecutter        | 1     | 0       | 1      |
| Gardener           | 2     | 0       | 2      | Tanner             | 1     | 0       | 1      |
| Grocer             | 1     | 0       | 1      | Tailor             | 3     | 0       | 3      |
| Grocer's clerk     | 1     | 0       | 1      | Teamster           | 1     | 0       | 1      |
| Gum moulder        | 1     | 0       | 1      | Telegraph operator | 1     | 0       | 1      |
| Harnessmaker       | 3     | 0       | 3      | Tin roofer         | 1     | 0       | 1      |
| Horsetimer         | 1     | 0       | 1      | Waiter             | 1     | 0       | 1      |
| Hostler            | 1     | 0       | 1      | Vineyardist        | 1     | 0       | 1      |
| Housewife          | 0     | 48      | 48     | No occupation      | 7     | 16      | 23     |
| Laborer            | 67    | 0       | 67     | Unknown            | 12    | 17      | 29     |
| Locksmith          | 1     | 0       | 1      |                    |       |         |        |
| Machinist          | 2     | 0       | 2      |                    |       |         |        |
| Merchant           | 1     | 0       | 1      | Totals             | 214   | 113     | 327    |

TABLE No. 9.

*Causes of Death, 1896-97.*

| Causes.  | Males | Females | Totals |
|--|-------|---------|--------|
| Tuberculosis pulmonum .....                            | 14    | 0       | 14     |
| Tuberculosis .....                                     | 2     | 11      | 13     |
| Carcinoma .....  | 4     | 2       | 6      |
| Dementia paralytica .....                              | 5     | 0       | 5      |
| Pneumonia .....  | 4     | 1       | 5      |
| Cardiac disease .....                                  | 0     | 4       | 4      |
| Exhaustion, with chronic mania .....                   | 0     | 4       | 4      |
| Epilepsy .....   | 3     | 1       | 4      |
| Chronic nephritis .....                                | 1     | 3       | 4      |
| Epileptiform attack in dem. parul. ....                | 3     | 0       | 3      |
| Exhaustion in case of senility .....                   | 2     | 1       | 3      |
| Apoplexy .....   | 3     | 0       | 3      |
| Bright's disease .....                                 | 2     | 0       | 2      |
| Enteritis .....  | 1     | 1       | 2      |
| Tuberculosis pulmonum et intestinorum ..               | 1     | 0       | 1      |
| Cancer .....   | 1     | 0       | 1      |
| Heatstroke .....                                       | 1     | 0       | 1      |
| Thrombosis pulmon. artery .....                        | 1     | 0       | 1      |
| Acute Bright's disease .....                           | 1     | 0       | 1      |
| Injury to head .....                                   | 1     | 0       | 1      |
| Apoplectic attack in a case of pyelo-nephritis         | 1     | 0       | 1      |
| Deqlutition-pneumonia .....                            | 1     | 0       | 1      |
| Hæmoptysis .....                                       | 1     | 0       | 1      |
| Croupous pneumonia in phthisic lung .....              | 1     | 0       | 1      |
| Cystitis .....   | 1     | 0       | 1      |
| Pleurisy .....   | 1     | 0       | 1      |
| Pyopneumothorax .....                                  | 1     | 0       | 1      |
| Catarrhal pneumonia .....                              | 1     | 0       | 1      |
| Old age .....  | 1     | 0       | 1      |
| Cirrhosis of the liver .....                           | 1     | 0       | 1      |
| Tuberculosis of the lungs, larynx, intestines, etc.    | 1     | 0       | 1      |
| Apoplectiform attack of general paresis ..             | 1     | 0       | 1      |
| Maciation due to thrombosis in posterior part of brain | 1     | 0       | 1      |
| Transo. myelitis from fract. spinal column ..          | 1     | 0       | 1      |
| Subacute enteritis .....                               | 1     | 0       | 1      |
| Exhaustion from mania and old age .....                | 1     | 0       | 1      |
| Pleuritis sinistra .....                               | 1     | 0       | 1      |
| Cerebral meningitis .....                              | 1     | 0       | 1      |
| Empyema of left pleur. cavity .....                    | 1     | 0       | 1      |
| Exhaustion in general paralysis .....                  | 1     | 0       | 1      |
| Tuberculosis pulm. in a case of pseudo paresis ..      | 1     | 0       | 1      |
| Perforating ulcer of the stomach .....                 | 1     | 0       | 1      |
| Pachymeningitis hemorrhagica .....                     | 1     | 0       | 1      |
| Pleuro-pneumonia .....                                 | 1     | 0       | 1      |
| Chronic dysentery .....                                | 1     | 0       | 1      |
| Status epilept., originating from trauma .....         | 1     | 0       | 1      |
| Disease of coronary arteries .....                     | 1     | 0       | 1      |
| Inanition .....  | 1     | 0       | 1      |
| Valvular disease of heart .....                        | 1     | 0       | 1      |
| Gangrene of lungs .....                                | 1     | 0       | 1      |
| Exhaustion in a case of chronic dementia ..            | 0     | 1       | 1      |
| Decubitus .....  | 0     | 1       | 1      |
| Marasmus .....   | 0     | 1       | 1      |
| Traumatic peritonitis .....                            | 0     | 1       | 1      |
| Cancer ovary .....                                     | 0     | 1       | 1      |
| Chronic mania .....                                    | 0     | 1       | 1      |
| Cerebral hemorrhage .....                              | 0     | 1       | 1      |
| Croupous pneumonia .....                               | 0     | 1       | 1      |
| Cardiac dilatation .....                               | 0     | 1       | 1      |
| Acute nephritis .....                                  | 0     | 1       | 1      |
| Acute delirium .....                                   | 0     | 1       | 1      |
| Exhaustion in acute paranoia .....                     | 0     | 1       | 1      |
| Totals .....   | 80    | 40      | 120    |

## STEWARD'S DEPARTMENT.

TABLE No. 10.

*Account of Articles Consumed and Expenditures for the Year ending  
June 30, 1897.*

| Articles.  | Value.      | Articles.  | Value.       |
|--|-------------|--|--------------|
| Flour.....   | \$10,668 03 | Hardware and tinware.....                        | \$1,385 58   |
| Meat.....  | 18,553 88   | Carpeting and matting.....                       | 559 03       |
| Sugar.....   | 3,579 83    | Hay, grain, and feed.....                        | 2,346 26     |
| Tea.....   | 1,353 80    | Garden tools and seed.....                       | 548 72       |
| Syrup.....   | 377 81      | Lumber.....                                      | 979 89       |
| Potatoes.....                                      | 2,546 18    | Building materials and re-<br>pairs.....         | 2,867 05     |
| Butter.....  | 6,666 98    | Brooms and brushes.....                          | 440 33       |
| Coffee and chicory.....                            | 3,230 75    | Books and stationery.....                        | 385 23       |
| Fish.....  | 563 50      | Machine oil, coal oil, and gas-<br>oline.....    | 244 05       |
| Eggs.....  | 868 43      | Paints, oils, and glass.....                     | 1,269 99     |
| Beans and peas.....                                | 711 81      | Fuel.....  | 9,677 71     |
| Cracked wheat, rice, oatmeal,<br>and cornmeal..... | 2,383 50    | Bedding.....                                     | 798 14       |
| Ice.....   | 816 80      | Castings, pipes, and iron.....                   | 2,320 85     |
| Fruit and vegetables.....                          | 2,155 47    | Payroll.....                                     | 94,137 30    |
| Salt.....  | 140 01      | Subsistence of Third Assistant<br>Physician..... | 1,200 00     |
| Vinegar.....                                       | 75 02       | Pay of Directors and Treas-<br>urer.....         | 1,896 10     |
| Small groceries.....                               | 1,840 30    | Freight and expressage.....                      | 57 92        |
| Soap, starch, and potash.....                      | 1,224 93    | Telegraphing and telephoning.....                | 115 59       |
| Drugs and medicines.....                           | 1,778 28    | Advertising.....                                 | 127 50       |
| Wines and liquors.....                             | 648 30      | Water for fire hydrants.....                     | 70 00        |
| Tobacco.....                                       | 1,469 47    | Sewage pumping.....                              | 503 44       |
| Dry goods.....                                     | 3,614 14    | Miscellaneous.....                               | 185 01       |
| Clothing and hats.....                             | 4,460 98    |  |              |
| Shoes and leather.....                             | 2,092 41    | Total.....                                       | \$196,459 18 |
| Blankets.....                                      | 1,241 80    |  |              |
| Furniture, crockery, spoons,<br>and cutlery.....   | 1,171 06    |  |              |

TABLE No. 11.

*Cost of the Several Departments, 1896-97.*

| Departments.                                | Cost.        |
|---|--------------|
| Male kitchen and dining rooms.....          | \$35,615 45  |
| Female kitchen and dining-rooms.....        | 17,388 40    |
| Bakery.....                                 | 11,742 77    |
| Male department.....                        | 39,091 14    |
| Female department.....                      | 24,602 75    |
| Laundries.....                              | 2,822 17     |
| Engine-houses and blacksmith shops.....     | 14,704 93    |
| Plumber.....                                | 4,231 89     |
| General mechanic's shop.....                | 4,362 96     |
| Building and repairs.....                   | 5,897 42     |
| Farm, garden, stable, and dairy.....        | 8,481 71     |
| Drug store.....                             | 3,453 92     |
| Office, Superintendent's and Steward's..... | 6,913 54     |
| Medical Superintendent.....                 | 4,123 97     |
| First Assistant Physician.....              | 3,111 28     |
| Second Assistant Physician.....             | 3,078 32     |
| Third Assistant Physician.....              | 3,700 00     |
| Pay of Directors and Treasurer.....         | 1,896 10     |
| Advertising.....                            | 127 50       |
| Riddance of sewage.....                     | 1,043 44     |
| Water for fire hydrants.....                | 70 00        |
| Total.....                                  | \$196,459 16 |

TABLE No. 12.

*Balance of Supplies on Hand, brought forward from the Year ending June 30, 1896; Amount of Supplies Purchased and Distributed, and Balance on Hand for the Year ending June 30, 1897.*

|   |                    |                    |
|---|--------------------|--------------------|
| Balance of supplies on hand brought forward from former years       | \$1,311 09         |                    |
| Amount of supplies purchased during the year ending June 30, 1897   | 98,202 66          |                    |
| Amount of supplies distributed during the year ending June 30, 1897 |                    | \$98,351 31        |
| Balance on hand June 30, 1897                                       |                    | 1,162 44           |
| <b>Totals</b>   | <b>\$99,513 75</b> | <b>\$99,513 75</b> |

*Recapitulation.*

|  |                     |
|--|---------------------|
| Amount of supplies distributed           | \$98,351 31         |
| Payroll of officers and employes         | 94,137 30           |
| Pay of Directors and Treasurer           | 1,896 10            |
| Subsistence of Third Assistant Physician | 1,200 00            |
| Sewage pumping                           | 503 44              |
| Advertising                              | 127 50              |
| Telegraphing and telephoning             | 115 59              |
| Water for fire hydrants                  | 70 00               |
| Freight and expressage                   | 57 92               |
| <b>Total</b>                             | <b>\$198,459 16</b> |

TABLE No. 13.

*Averages for Year ending June 30, 1897.*

| Month.        | Average Number of Patients Daily. | Average Daily Expenses. | Average Cost per Capita per Day. | Average Cost per Capita per Month. |
|---------------|-----------------------------------|-------------------------|----------------------------------|------------------------------------|
| 1896—July     | 1,472                             | \$479 48                | \$0 32.5                         | \$10 09                            |
| August        | 1,482                             | 502 84                  | 34.0                             | 10 52                              |
| September     | 1,528                             | 546 88                  | 35.8                             | 10 73                              |
| October       | 1,534                             | 513 44                  | 33.4                             | 10 37                              |
| November      | 1,536                             | 556 00                  | 36.2                             | 10 86                              |
| December      | 1,541                             | 555 72                  | 36.0                             | 11 11                              |
| 1897—January  | 1,535                             | 526 36                  | 34.3                             | 10 63                              |
| February      | 1,548                             | 590 80                  | 38.1                             | 10 68                              |
| March         | 1,548                             | 573 26                  | 37.0                             | 11 48                              |
| April         | 1,542                             | 554 26                  | 36.0                             | 10 80                              |
| May           | 1,532                             | 535 73                  | 35.0                             | 10 84                              |
| June          | 1,521                             | 531 30                  | 34.9                             | 10 48                              |
| <b>Yearly</b> | <b>1,527</b>                      | <b>\$538 24</b>         | <b>\$0 35.2</b>                  | <b>\$10 71</b>                     |

TABLE No. 14.

*Products of the Farm, Garden, and Dairy during the Year ending June 30, 1897.*

| Products.                               | No.    | Products.            | No.    |
|---|--------|----------------------|--------|
| Beets..... lbs.                         | 13,300 | Musk melon..... doz. | 110    |
| Tomatoes..... lbs.                      | 27,500 | Celery..... doz.     | 150    |
| Turnips, parsnips and carrots..... lbs. | 55,600 | Radish..... doz.     | 300    |
| String beans..... lbs.                  | 6,000  | Eggs..... doz.       | 900    |
| Squash..... lbs.                        | 16,100 | Milk..... gals.      | 38,131 |
| Green corn and cucumbers..... doz.      | 3,000  | Hay (dry)..... tons. | 22     |
| Lettuce..... doz.                       | 610    | Chickens.....        | 600    |
| Cabbage and cauliflower..... lbs.       | 20,800 | Ducks.....           | 100    |
| Onions..... lbs.                        | 4,405  | Turkeys.....         | 24     |
| Pepper and okra..... lbs.               | 1,660  |                      |        |

*Live Stock on Hand June 30, 1897.*

| Stock.          | No. | Stock.       | No. |
|-----------------|-----|--------------|-----|
| Milch cows..... | 48  | Horses.....  | 13  |
| Bulls.....      | 2   | Poultry..... | 700 |
| Calves.....     | 15  |              |     |

TABLE No. 15.

*Articles Made in the Several Shops during the Year ending June 30, 1897.*

GENERAL MECHANIC'S SHOP.

| Articles.               | No.   | Articles.                           | No. |
|-------------------------|-------|-------------------------------------|-----|
| Sheets, cotton.....     | 1,272 | Window shades.....                  | 204 |
| Sheets, canvas.....     | 40    | Straight jackets.....               | 40  |
| Pillowslips.....        | 1,104 | Canvas shirts.....                  | 35  |
| Pillowticks.....        | 400   | Canvas blankets.....                | 18  |
| Bedticks.....           | 147   | Canvas muffs.....                   | 28  |
| Bedspreads.....         | 40    | Leather muffs.....                  | 14  |
| Bath-towels.....        | 1,320 | Wristlets.....                      | 48  |
| Roller-towels.....      | 480   | Anklets.....                        | 28  |
| Ward aprons.....        | 67    | Bed straps.....                     | 26  |
| Dining-room aprons..... | 150   | Body straps, with back buckles..... | 142 |
| Carpenter's aprons..... | 10    | Foot straps.....                    | 18  |
| Linen tablecloths.....  | 45    | Leather mittens (pairs).....        | 14  |
| Mangle sheets.....      | 100   | Stationary straps.....              | 8   |
| Clothesbags.....        | 18    | Boots (pairs).....                  | 37  |
| Napkins.....            | 144   | Shoes (pairs).....                  | 29  |
| Awnings.....            | 54    |                                     |     |

TABLE No. 15—Continued.

## MATTRESS-MAKER AND UPHOLSTERER'S SHOP.

| Articles.              | No. | Articles.                | No. |
|------------------------|-----|--------------------------|-----|
| Mattresses, Hair ..... | 54  | Couches .....            | 7   |
| Moss .....             | 388 | Sofas .....              | 3   |
| Fiber .....            | 20  | Arm chairs .....         | 2   |
| Wool .....             | 39  | Chairs .....             | 7   |
| Excelsior .....        | 2   | Reseated chairs .....    | 25  |
| Spring .....           | 4   | Carpet rockers .....     | 3   |
| Pillows, Hair .....    | 15  | Cushions, carriage ..... | 6   |
| Moss .....             | 464 | Floor-mats .....         | 64  |
| Feathers .....         | 3   | Window-shades .....      | 100 |
| Single lounges .....   | 4   |                          |     |

## PLUMBER'S SHOP.

| Articles.                   | No. | Articles.                                   | No. |
|-----------------------------|-----|---|-----|
| Galvanized iron sink .....  | 10  | Gas stoves .....                            | 20  |
| Steam cooker .....          | 1   | Galvanized iron water tanks .....           | 3   |
| Kettles for cooker .....    | 8   | Galvanized iron water tanks, 150 gals. .... | 1   |
| Slop kettles .....          | 2   | Galvanized iron water tanks, 500 gals. .... | 2   |
| Water coolers .....         | 2   | Kitchen boilers .....                       | 20  |
| Stove boards .....          | 5   | Urinals .....                               | 5   |
| Bucket covers .....         | 3   | Steam conductor pipe, 60 feet long .....    | 1   |
| Flower pots .....           | 3   | Coffee boiler .....                         | 1   |
| Lye tank .....              | 1   | Roof conductor pipe 300 feet long .....     | 1   |
| Hot-water boilers .....     | 8   | Gas cooking ranges .....                    | 2   |
| Gas hot-water heaters ..... | 8   | Lawn sprinklers .....                       | 100 |
| Flush tanks .....           | 7   | Street sprinklers .....                     | 1   |
| Incubators .....            | 2   | Stove pipe, six-inch, 200 feet long .....   | 1   |
| Conductor heads .....       | 10  | Stove guards .....                          | 15  |
| Oil pans .....              | 7   | Hot water furnaces .....                    | 2   |
| Tank safe .....             | 1   | Refrigerators .....                         | 2   |

## BROOM SHOP.

|              |     |
|--------------|-----|
| Brooms ..... | 700 |
|--------------|-----|

## TINSMITH'S SHOP.

| Articles.                            | No. | Articles.                            | No. |
|--------------------------------------|-----|--------------------------------------|-----|
| 3-gal. milk cans, with cover .....   | 24  | 2½-gal. meal buckets .....           | 84  |
| 2-gal. milk cans, with cover .....   | 8   | 1½-gal. milk cans .....              | 21  |
| ½-gal. milk cans, with cover .....   | 6   | 1-gal. tin meat pans .....           | 96  |
| ¼-gal. milk cans, with cover .....   | 4   | 3½-gal. iron water buckets .....     | 48  |
| 3-gal. buckets .....                 | 8   | 2-gal. tin grease buckets .....      | 4   |
| 3-gal. strainer buckets .....        | 3   | 1½-gal. tin coffee or tea cans ..... | 3   |
| Screen top milk-can covers .....     | 24  | Tin dishes for steam table .....     | 20  |
| Cuspidors (dozen) .....              | 7   | Tin dough pans in pantry .....       | 3   |
| Chamber-pots (dozen) .....           | 18  | Tin pudding pans .....               | 32  |
| Buckets (dozen) .....                | 12  | Russian iron roast pans .....        | 14  |
| Dustpans (dozen) .....               | 4   | Tin colanders .....                  | 9   |
| Cups (dozen) .....                   | 22  | Large galv. iron colanders .....     | 4   |
| Soup-plates (dozen) .....            | 4   | Tin dishes for special diet .....    | 18  |
| 20-gal. tin pots .....               | 2   | 1-gal. milk cans .....               | 28  |
| 10-gal. and 12-gal. tin pots .....   | 18  | Coffee boilers .....                 | 2   |
| 15-gal. tin coffee-pots .....        | 96  | Tea boilers .....                    | 4   |
| 15-gal. tin teapots .....            | 4   | Steam cookers .....                  | 7   |
| 40-gal. galv. iron grease-pots ..... | 7   | 1-gal. dippers .....                 | 8   |
| 6-gal. soup buckets .....            | 110 | Dripping pans .....                  | 12  |
| 3½-gal. tin pots .....               | 36  | Soup boilers .....                   | 15  |

TABLE No. 15—Continued.

## CARPENTER'S SHOP

| Articles.                    | No. | Articles.                        | No.   |
|------------------------------|-----|----------------------------------|-------|
| Rough burial boxes .....     | 90  | Cabinets.....                    | 2     |
| Collins .....                | 94  | Window screens.....              | 55    |
| Butcher blocks.....          | 2   | Clothes rooms, shelved .....     | 2     |
| Medicine chests .....        | 5   | Tables.....                      | 12    |
| Bureau.....                  | 1   | Blanket washer.....              | 1     |
| Commode.....                 | 1   | Linear feet of tenter bars ..... | 378   |
| Doors.....                   | 9   | Settees.....                     | 13    |
| China closets.....           | 10  | Linear feet of benches.....      | 3,000 |
| Wardrobes.....               | 13  | Lounge frames.....               | 20    |
| Refrigerator.....            | 1   | Dummy waiters.....               | 5     |
| Stepladders.....             | 2   | Hanging baskets.....             | 25    |
| Shields for coal stoves..... | 13  |                                  |       |

## SEWING ROOM—FEMALE DEPARTMENT.

| Articles.          | No. | Articles.            | No. |
|--------------------|-----|----------------------|-----|
| Aprons.....        | 464 | Single sheets.....   | 16  |
| Bonnets.....       | 85  | Sacks.....           | 37  |
| Chemises.....      | 421 | Skirts, cotton.....  | 216 |
| Dresses.....       | 449 | Skirts, flannel..... | 233 |
| Drawers.....       | 292 | Towels.....          | 136 |
| Night-dresses..... | 339 | Tablecloths.....     | 58  |
| Napkins.....       | 48  | Robes.....           | 30  |
| Pillowslips.....   | 798 | Tablescarfs.....     | 6   |
| Sheets.....        | 626 |                      |     |

## REPORT OF THE MEDICAL SUPERINTENDENT.

FOR THE YEAR ENDING JUNE 30, 1898.

*To the Board of Managers of the Stockton State Hospital:*

GENTLEMEN: As by law required I submit my report of the business and operations of the hospital for the fiscal year ending with June 30, 1898, showing the principal facts and results.

From the "Summary of Movement of Patients" it will be seen that at the beginning of the year there were 1,521 patients under my charge, and that the number admitted during the year was 305, making the whole number under care and treatment 1,826; of this number, 75 were discharged as recovered, 34 as improved, 5 as unimproved, and 5 as not insane; 136 died, and 14 successfully escaped, leaving 1,557 patients in the hospital on June 30, 1898. This is an increase of 36.

The table of general statistics shows that since the opening of the institution in 1851 there have been admitted 14,648 patients, of which 11,134 were males and 3,554 were females, 5,838 native born, 8,178 foreign born, and 632 of unknown nativity; that the percentage of recoveries to admissions was 26.23, and that the percentage of deaths to the whole number treated was 7.45.

From the tables showing the transactions of the Steward's Department it will be seen that the total amount of articles consumed and other expenditures, including payroll and pay of Managers, was \$193,733 65; this is \$8,766 35 less than appropriation for the support of the hospital and the salaries of the officers and employes. The per capita cost per diem was 34.5 cents.

The economic display above, in connection with the generally improved condition of the institution and the good reputation which I believe it maintains, is evidence that there has been intelligent, honest, and harmonious effort, on the part of those to whom this great trust has been confided, to bring about the best possible results, having due consideration for the taxpayer.

One illustration of our successful efforts in economy will be found in the result of what, when first projected and begun in 1894, seemed a difficult problem: that of supplying a sufficient volume of water to change the place from what was a comparative desert to its present and prospective beautiful and productive condition. Aside from the improved appearance of the place, the money value of the products of the farm

and garden for the past year was \$8,535 67, and of the dairy \$6,374 58, a total of \$14,910 25.

The daily average for the past two years of patients under restraint in the men's department was 29, in the women's department, 12; the average number employed in the halls of the men's department daily was 120, in the women's department, 75; the average number male patients employed in the several offices, workshops, kitchens, stable, and dairy was 58; the average number employed on the grounds was 110; the average number of female patients employed in the sewing-room, laundry, and ironing-room was 38; the average number of male patients having parole of the grounds was 253.

The usual tabular statements follow, furnishing the required statistical information. They do not seem to require elucidation or comment.

I desire here to say that I believe we have been especially fortunate in the service rendered by the medical staff, and the officers and employes generally. It demands qualities, mental and physical, in some respects considerably above the average, to meet the requirements of a hospital for the insane. Hence it follows that, among so many who are given a trial, not a few will be found for whom some other employment is more congenial. Ordinary discrimination on the part of the executive easily remedies matters of this sort.

Thanking you, gentlemen, for many courtesies and favors received, I remain,

Very respectfully yours,

ASA CLARK,  
Medical Superintendent.

STOCKTON, CAL., August 10, 1898.

### MOVEMENT OF PATIENTS

*From June 30, 1897, to July 1, 1898.*

|  | Males        | Females    | Totals       |
|--|--------------|------------|--------------|
| Number of patients in the hospital July 1, 1897      | 1,028        | 493        | 1,521        |
| Number admitted during the year ending June 30, 1898 | 195          | 110        | 305          |
| <b>Whole number under care and treatment</b>         | <b>1,223</b> | <b>603</b> | <b>1,826</b> |
| Number discharged recovered                          | 56           | 19         | 75           |
| Number discharged improved                           | 21           | 13         | 34           |
| Number discharged unimproved                         | 2            | 3          | 5            |
| Number discharged not insane                         | 5            | 0          | 5            |
| Number died  | 86           | 50         | 136          |
| Number escaped                                       | 14           | 0          | 14           |
| <b>Total number discharged, died, and escaped</b>    | <b>184</b>   | <b>85</b>  | <b>269</b>   |
| Number remaining in the hospital                     | 1,039        | 518        | 1,557        |

NUMBER OF ADMISSIONS, DISCHARGES, DEATHS, ETC., FROM THE FOUNDATION OF THE HOSPITAL TO JULY 1, 1898.

| Years. | Admissions. |              |             |              | Total..... | Discharges.  |                |               | Deaths..... | Escapes..... | Resident at End of Year..... | Increase..... | Decrease..... | Whole Number Treated..... | Percentage of Recoveries to Admissions..... | Percentage of Deaths to the Number Treated..... | Per Capita Cost per Diem—Cents..... |
|--------|-------------|--------------|-------------|--------------|------------|--------------|----------------|---------------|-------------|--------------|------------------------------|---------------|---------------|---------------------------|---|---|-------------------------------------|
|        | Males.....  | Females..... | Native..... | Foreign..... |            | Unknown..... | Recovered..... | Improved..... |             |              |                              |               |               |                           |   |   |                                     |
| 1851   | 13          | 0            | 8           | 5            | 13         | 6            | 0              | 0             | 1           | 0            | 6                            | 6             | 0             | 13                        | 46.16                                       | 7.69  | 61.0                                |
| 1852   | 113         | 11           | 59          | 65           | 124        | 58           | 0              | 0             | 10          | 0            | 56                           | 56            | 0             | 130                       | 46.77                                       | 7.69  | 60.0                                |
| 1853   | 151         | 9            | 83          | 74           | 160        | 108          | 0              | 0             | 12          | 0            | 40                           | 40            | 0             | 222                       | 67.50                                       | 5.40  | 51.2                                |
| 1854   | 176         | 23           | 100         | 95           | 194        | 145          | 0              | 0             | 21          | 0            | 32                           | 32            | 0             | 304                       | 72.86                                       | 6.90  | 51.2                                |
| 1855   | 183         | 30           | 104         | 100          | 213        | 168          | 0              | 0             | 18          | 0            | 28                           | 28            | 0             | 348                       | 78.80                                       | 5.07  | 45.0                                |
| 1856   | 196         | 36           | 113         | 107          | 232        | 189          | 0              | 0             | 23          | 0            | 16                           | 16            | 0             | 394                       | 81.46                                       | 5.83  | 45.0                                |
| 1857   | 196         | 32           | 59          | 78           | 228        | 179          | 0              | 0             | 28          | 5            | 16                           | 16            | 0             | 400                       | 74.50                                       | 7.00  | 45.0                                |
| 1858   | 201         | 43           | 93          | 145          | 244        | 112          | 0              | 0             | 32          | 15           | 85                           | 85            | 0             | 432                       | 45.90                                       | 7.40  | 45.0                                |
| 1859   | 233         | 43           | 112         | 162          | 276        | 124          | 0              | 0             | 49          | 6            | 97                           | 97            | 0             | 549                       | 44.92                                       | 8.91  | 45.0                                |
| 1860   | 191         | 67           | 104         | 142          | 248        | 137          | 0              | 0             | 54          | 10           | 47                           | 47            | 0             | 615                       | 55.24                                       | 8.73  | 45.0                                |
| 1861   | 247         | 67           | 79          | 158          | 314        | 210          | 26             | 12            | 49          | 18           | 416                          | 83            | 1             | 731                       | 68.88                                       | 6.70  | 61.0                                |
| 1862   | 243         | 58           | 98          | 151          | 301        | 120          | 14             | 7             | 65          | 12           | 499                          | 83            | 0             | 717                       | 39.86                                       | 9.06  | 60.0                                |
| 1863   | 197         | 55           | 82          | 147          | 252        | 92           | 13             | 4             | 47          | 12           | 583                          | 84            | 0             | 751                       | 86.50                                       | 6.26  | 51.2                                |
| 1864   | 153         | 66           | 61          | 153          | 219        | 102          | 19             | 6             | 82          | 12           | 581                          | 2             | 0             | 802                       | 46.57                                       | 10.29   | 51.2                                |
| 1865   | 190         | 78           | 103         | 158          | 298        | 93           | 11             | 4             | 82          | 27           | 632                          | 51            | 0             | 849                       | 34.70                                       | 9.66  | 46.0                                |
| 1866   | 211         | 68           | 130         | 139          | 279        | 131          | 8              | 5             | 62          | 12           | 693                          | 61            | 0             | 911                       | 46.95                                       | 6.81  | 45.5                                |
| 1867   | 266         | 87           | 127         | 179          | 313        | 125          | 14             | 0             | 89          | 9            | 769                          | 76            | 0             | 1,006                     | 40.00                                       | 8.80  | 45.0                                |
| 1868   | 287         | 101          | 121         | 252          | 347        | 146          | 13             | 0             | 124         | 10           | 853                          | 84            | 0             | 1,156                     | 37.73                                       | 11.59   | 45.0                                |
| 1869   | 380         | 102          | 179         | 252          | 482        | 225          | 16             | 0             | 159         | 15           | 920                          | 67            | 0             | 1,345                     | 46.68                                       | 11.91   | 46.0                                |
| 1870   | 432         | 130          | 167         | 340          | 562        | 221          | 30             | 6             | 186         | 22           | 1,047                        | 127           | 0             | 1,492                     | 39.32                                       | 10.55   | 46.0                                |
| 1871   | 370         | 163          | 174         | 333          | 523        | 245          | 24             | 12            | 176         | 23           | 1,090                        | 43            | 0             | 1,570                     | 46.84                                       | 11.21   | 44.0                                |
| 1872   | 359         | 147          | 159         | 322          | 506        | 240          | 30             | 3             | 188         | 12           | 1,123                        | 33            | 0             | 1,596                     | 47.43                                       | 11.78   | 43.0                                |
| 1873   | 285         | 106          | 131         | 252          | 401        | 185          | 18             | 1             | 152         | 12           | 1,156                        | 33            | 0             | 1,524                     | 46.13                                       | 8.97  | 47.0                                |
| 1874   | 385         | 139          | 174         | 330          | 594        | 209          | 40             | 6             | 178         | 23           | 1,224                        | 68            | 0             | 1,640                     | 39.88                                       | 10.59   | 43.0                                |
| 1875   | 447         | 168          | 198         | 349          | 615        | 259          | 63             | 8             | 181         | 26           | 1,302                        | 78            | 0             | 1,839                     | 41.95                                       | 8.84  | 43.0                                |
| 1876   | 299         | 115          | 161         | 232          | 414        | 252          | 52             | 8             | 172         | 18           | 1,204                        | 88            | 0             | 1,716                     | 61.26                                       | 10.03   | 42.0                                |
| 1877   | 152         | 49           | 58          | 105          | 201        | 83           | 29             | 1             | 100         | 7            | 1,195                        | 19            | 0             | 1,415                     | 41.29                                       | 7.06  | 41.0                                |
| 1878   | 167         | 52           | 95          | 121          | 219        | 80           | 18             | 1             | 106         | 7            | 1,202                        | 7             | 0             | 1,414                     | 36.53                                       | 7.49  | 43.0                                |
| 1879   | 79          | 27           | 52          | 50           | 106        | 58           | 14             | 4             | 100         | 7            | 1,127                        | 75            | 0             | 1,308                     | 54.71                                       | 7.64  | 41.0                                |
| 1880   | 84          | 30           | 58          | 56           | 114        | 40           | 8              | 2             | 72          | 4            | 1,116                        | 11            | 0             | 1,241                     | 35.08                                       | 5.80  | 40.0                                |
| 1881   | 121         | 24           | 75          | 71           | 149        | 54           | 15             | 1             | 92          | 1            | 1,102                        | 14            | 0             | 1,265                     | 36.24                                       | 7.19  | 39.0                                |

|        |        |       |       |       |     |        |       |       |     |       |     |       |     |       |       |      |      |
|--------|--------|-------|-------|-------|-----|--------|-------|-------|-----|-------|-----|-------|-----|-------|-------|------|------|
| 1882   | 144    | 35    | 81    | 96    | 3   | 179    | 71    | 11    | 0   | 93    | 11  | 1,086 | 7   | 1,281 | 39.67 | 7.27 | 41.2 |
| 1883   | 189    | 69    | 122   | 132   | 4   | 268    | 68    | 9     | 1   | 86    | 5   | 1,184 | 89  | 1,353 | 26.35 | 6.35 | 43.9 |
| 1884   | 207    | 57    | 117   | 143   | 4   | 284    | 113   | 16    | 6   | 87    | 11  | 1,215 | 31  | 1,448 | 42.90 | 6.01 | 41.0 |
| 1885   | 269    | 82    | 147   | 185   | 9   | 341    | 60    | 18    | 6   | 87    | 11  | 1,379 | 164 | 1,568 | 17.60 | 5.59 | 41.0 |
| 1886   | 374    | 180   | 186   | 234   | 12  | 604    | 201   | 33    | 12  | 185   | 16  | 1,488 | 107 | 1,883 | 39.86 | 7.17 | 37.2 |
| 1887   | 328    | 86    | 172   | 228   | 14  | 414    | 179   | 18    | 9   | 193   | 8   | 1,553 | 67  | 1,900 | 43.23 | 7.00 | 38.0 |
| 1888   | 339    | 124   | 184   | 267   | 12  | 463    | 214   | 15    | 4   | 190   | 7   | 1,646 | 93  | 2,016 | 46.22 | 6.00 | 36.9 |
| 1889   | 393    | 136   | 237   | 276   | 16  | 529    | 194   | 44    | 215 | 134   | 8   | 1,680 | 66  | 2,175 | 36.67 | 8.48 | 38.6 |
| 1890   | 242    | 84    | 140   | 178   | 8   | 328    | 138   | 45    | 19  | 111   | 5   | 1,588 | 8   | 1,908 | 42.33 | 5.82 | 38.3 |
| 1891   | 266    | 58    | 145   | 163   | 6   | 314    | 161   | 46    | 14  | 86    | 12  | 1,573 | 15  | 1,902 | 51.27 | 5.05 | 38.9 |
| 1892   | 224    | 66    | 139   | 141   | 0   | 290    | 82    | 42    | 13  | 101   | 9   | 1,608 | 33  | 1,853 | 29.29 | 5.45 | 37.3 |
| 1893   | 275    | 77    | 168   | 180   | 4   | 352    | 121   | 38    | 11  | 120   | 11  | 1,657 | 51  | 1,968 | 34.28 | 6.13 | 36.6 |
| 1894   | 178    | 63    | 94    | 138   | 9   | 241    | 78    | 103   | 37  | 150   | 7   | 1,523 | 134 | 1,898 | 32.37 | 7.90 | 36.2 |
| 1895   | 160    | 53    | 117   | 85    | 1   | 213    | 76    | 20    | 4   | 137   | 6   | 1,483 | 30  | 1,786 | 35.68 | 7.89 | 36.4 |
| 1896   | 180    | 72    | 114   | 124   | 14  | 252    | 91    | 27    | 3   | 138   | 16  | 1,472 | 21  | 1,745 | 36.11 | 7.78 | 35.5 |
| 1897   | 214    | 113   | 160   | 162   | 16  | 327    | 112   | 20    | 22  | 120   | 4   | 1,621 | 49  | 1,789 | 34.25 | 6.67 | 36.2 |
| 1898   | 186    | 110   | 153   | 143   | 9   | 306    | 80    | 34    | 5   | 136   | 14  | 1,557 | 36  | 1,826 | 26.23 | 7.46 | 34.5 |
| Totals | 11,134 | 3,554 | 5,838 | 8,178 | 632 | 14,648 | 6,446 | 1,009 | 469 | 4,682 | 486 | 2,040 | 483 | 2,483 | 28.23 | 7.46 | 34.5 |

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TABLE No. 1.

*Counties from Which Patients Were Committed, 1897-98.*

| Counties.                 | Males | Females. | Totals |
|---------------------------|-------|----------|--------|
| Alameda                   | 22    | 24       | 46     |
| Amador                    | 6     | 1        | 7      |
| Butte                     | 4     | 2        | 6      |
| Calaveras                 | 6     | 2        | 8      |
| Contra Costa              | 4     | 0        | 4      |
| El Dorado                 | 4     | 2        | 6      |
| Fresno                    | 16    | 3        | 19     |
| Inyo                      | 0     | 1        | 1      |
| Kern                      | 13    | 5        | 18     |
| Kings                     | 5     | 0        | 5      |
| Los Angeles               | 0     | 9        | 9      |
| Madera                    | 3     | 1        | 4      |
| Mariposa                  | 2     | 1        | 3      |
| Merced                    | 2     | 0        | 2      |
| Modoc                     | 1     | 0        | 1      |
| Nevada                    | 2     | 0        | 2      |
| Placer                    | 6     | 2        | 8      |
| Plumas                    | 1     | 2        | 3      |
| Sacramento                | 16    | 9        | 25     |
| San Francisco             | 20    | 22       | 42     |
| San Joaquin               | 28    | 11       | 39     |
| Santa Barbara             | 0     | 1        | 1      |
| Santa Cruz                | 0     | 1        | 1      |
| Santa Clara               | 1     | 0        | 1      |
| Shasta                    | 1     | 0        | 1      |
| Siskiyou                  | 3     | 1        | 4      |
| Stanislaus                | 7     | 1        | 8      |
| Sutter                    | 4     | 1        | 5      |
| Tulare                    | 8     | 4        | 12     |
| Tuolumne                  | 3     | 1        | 4      |
| Yolo                      | 2     | 1        | 3      |
| Yuba                      | 4     | 1        | 5      |
| State Prison, San Quentin | 1     | 1        | 2      |
| Totals                    | 195   | 110      | 305    |

TABLE No. 2.

*Nativity of Those Admitted, 1897-98.*

| Nativity.             | Males     | Females   | Totals     | Nativity.                 | Males     | Females   | Totals     |
|-----------------------|-----------|-----------|------------|---------------------------|-----------|-----------|------------|
| <i>United States.</i> |           |           |            | <i>Foreign Countries.</i> |           |           |            |
| Arkansas              | 1         | 0         | 1          | Azores                    | 2         | 1         | 3          |
| California            | 28        | 17        | 43         | Austria                   | 0         | 2         | 2          |
| Dakota                | 0         | 1         | 1          | British North America     | 5         | 3         | 8          |
| Illinois              | 4         | 6         | 10         | Chili                     | 0         | 1         | 1          |
| Indiana               | 0         | 4         | 4          | China                     | 11        | 0         | 11         |
| Iowa                  | 2         | 0         | 2          | Denmark                   | 0         | 1         | 1          |
| Kentucky              | 2         | 2         | 4          | England                   | 5         | 3         | 8          |
| Louisiana             | 1         | 0         | 1          | France                    | 6         | 4         | 10         |
| Maine                 | 5         | 1         | 6          | Germany                   | 17        | 10        | 27         |
| Maryland              | 1         | 0         | 1          | Ireland                   | 18        | 19        | 37         |
| Massachusetts         | 3         | 4         | 7          | Italy                     | 6         | 1         | 7          |
| Michigan              | 1         | 0         | 1          | Mexico                    | 3         | 2         | 5          |
| Missouri              | 5         | 1         | 6          | Portugal                  | 1         | 2         | 3          |
| Montana               | 0         | 1         | 1          | Russia                    | 3         | 0         | 3          |
| Nevada                | 0         | 2         | 2          | Scotland                  | 1         | 3         | 4          |
| New York              | 8         | 2         | 10         | Spain                     | 0         | 1         | 1          |
| Ohio                  | 9         | 2         | 11         | Sweden and Norway         | 7         | 0         | 7          |
| Pennsylvania          | 4         | 0         | 4          | Switzerland               | 3         | 0         | 3          |
| Tennessee             | 1         | 1         | 2          | Western Islands           | 1         | 1         | 2          |
| Texas                 | 1         | 0         | 1          | Unknown                   | 8         | 1         | 9          |
| Virginia              | 3         | 1         | 4          |                           |           |           |            |
| Wisconsin             | 2         | 2         | 4          |                           |           |           |            |
| Other States unknown  | 19        | 8         | 27         |                           |           |           |            |
| <b>Totals</b>         | <b>98</b> | <b>55</b> | <b>153</b> | <b>Totals</b>             | <b>97</b> | <b>55</b> | <b>152</b> |

*Recapitulation.*

| Nativity.         | Males      | Females    | Totals     |
|-------------------|------------|------------|------------|
| United States     | 98         | 55         | 153        |
| Foreign countries | 89         | 54         | 143        |
| Unknown           | 8          | 1          | 9          |
| <b>Totals</b>     | <b>195</b> | <b>110</b> | <b>305</b> |

TABLE No. 3.

*Age when Insanity first Appeared in those Admitted, 1897-98.*

| Ages.                    | Males ..... | Females .. | Totals ..... | Ages.                    | Males ..... | Females .. | Totals ..... |
|--------------------------|-------------|------------|--------------|--------------------------|-------------|------------|--------------|
| Under 10 years.....      | 2           | 2          | 4            | Between 50 and 55 years. | 11          | 7          | 18           |
| Between 10 and 15 years. | 2           | 1          | 3            | Between 55 and 60 years. | 10          | 3          | 13           |
| Between 15 and 20 years. | 5           | 6          | 11           | Between 60 and 65 years. | 13          | 5          | 18           |
| Between 20 and 25 years. | 24          | 13         | 37           | Between 65 and 70 years. | 4           | 5          | 9            |
| Between 25 and 30 years. | 27          | 19         | 46           | Between 70 and 75 years. | 8           | 1          | 9            |
| Between 30 and 35 years. | 17          | 11         | 28           | Between 75 and 80 years. | 2           | 1          | 3            |
| Between 35 and 40 years. | 20          | 9          | 29           | Unknown.....             | 7           | 1          | 8            |
| Between 40 and 45 years. | 22          | 13         | 35           |                          |             |            |              |
| Between 45 and 50 years. | 21          | 13         | 34           | Totals .....             | 195         | 110        | 305          |

TABLE No. 4.

*Age at Time of Admission, 1897-98.*

| Ages.                    | Males ..... | Females .. | Totals ..... | Ages.                    | Males ..... | Females .. | Totals ..... |
|--------------------------|-------------|------------|--------------|--------------------------|-------------|------------|--------------|
| Between 15 and 20 years. | 3           | 3          | 6            | Between 60 and 65 years. | 13          | 3          | 16           |
| Between 20 and 25 years. | 16          | 11         | 27           | Between 65 and 70 years. | 10          | 5          | 15           |
| Between 25 and 30 years. | 29          | 18         | 47           | Between 70 and 75 years. | 5           | 2          | 7            |
| Between 30 and 35 years. | 20          | 13         | 33           | Between 75 and 80 years. | 3           | 2          | 5            |
| Between 35 and 40 years. | 18          | 9          | 27           | Between 80 and 85 years. | 2           | 1          | 3            |
| Between 40 and 45 years. | 25          | 12         | 37           | Unknown.....             | 7           | 1          | 8            |
| Between 45 and 50 years. | 16          | 16         | 32           |                          |             |            |              |
| Between 50 and 55 years. | 18          | 8          | 26           | Totals .....             | 195         | 110        | 305          |
| Between 55 and 60 years. | 10          | 6          | 16           |                          |             |            |              |

TABLE No. 5.

*Cause of Insanity as Stated in Commitments, 1897-98.*

| Cause.                                       | Males | Females | Totals |
|--|-------|---------|--------|
| Heredity                                     | 12    | 11      | 23     |
| Heredity and sexual excess                   | 1     | 0       | 1      |
| Heredity and alcohol                         | 0     | 1       | 1      |
| Epilepsy                                     | 9     | 2       | 11     |
| Epilepsy and dissipation                     | 2     | 0       | 2      |
| Injury to head                               | 11    | 0       | 11     |
| Injury                                       | 1     | 0       | 1      |
| Masturbation                                 | 6     | 0       | 6      |
| Masturbation and epilepsy                    | 2     | 0       | 2      |
| Masturbation and religion                    | 1     | 0       | 1      |
| Masturbation and intemperance                | 1     | 0       | 1      |
| Masturbation and hard study                  | 2     | 0       | 2      |
| Masturbation and excessive cigarette-smoking | 1     | 0       | 1      |
| Masturbation and swallowing tobacco-juice    | 1     | 0       | 1      |
| Masturbation and injury                      | 1     | 0       | 1      |
| Religion                                     | 4     | 0       | 4      |
| Neurosis                                     | 2     | 2       | 4      |
| Menopause                                    | 0     | 3       | 3      |
| Menopause and pelvic tumor                   | 0     | 1       | 1      |
| Study and experiment in spiritualism         | 2     | 1       | 3      |
| Senility                                     | 2     | 1       | 3      |
| Loss of property                             | 2     | 1       | 3      |
| Hysteria                                     | 0     | 3       | 3      |
| Irregular menstruation                       | 0     | 3       | 3      |
| Troubles                                     | 0     | 3       | 3      |
| Family troubles                              | 1     | 2       | 3      |
| Child-bearing                                | 0     | 2       | 2      |
| Erysipelas                                   | 1     | 1       | 2      |
| Alcoholism                                   | 2     | 0       | 2      |
| Alcohol                                      | 2     | 0       | 2      |
| Business troubles                            | 2     | 0       | 2      |
| Financial reverses                           | 2     | 0       | 2      |
| Sheep herding                                | 2     | 0       | 2      |
| Apoplexy                                     | 0     | 2       | 2      |
| Congenital                                   | 0     | 2       | 2      |
| Overwork                                     | 1     | 1       | 2      |
| Sunstroke                                    | 2     | 0       | 2      |
| Suppressed menses                            | 0     | 1       | 1      |
| Climacteric                                  | 0     | 1       | 1      |
| Climacteric and family trouble               | 0     | 1       | 1      |
| Uterine disease and removal of tumor         | 0     | 1       | 1      |
| Fright and pregnancy                         | 0     | 1       | 1      |
| Pregnancy and labor                          | 0     | 1       | 1      |
| Liquor                                       | 1     | 0       | 1      |
| Alcoholic excess                             | 1     | 0       | 1      |
| Drinking-habit                               | 1     | 0       | 1      |
| Drinking California wine                     | 1     | 0       | 1      |
| Excessive use of liquor                      | 1     | 0       | 1      |
| Excessive drinking                           | 0     | 1       | 1      |
| Excessive use of liquor and tobacco          | 1     | 0       | 1      |
| Excessive use of alcohol                     | 1     | 0       | 1      |
| Excessive use of cigarettes                  | 1     | 0       | 1      |
| Excess in drink and tobacco                  | 1     | 0       | 1      |
| Alcohol and paralysis                        | 1     | 0       | 1      |
| Loss of money                                | 0     | 1       | 1      |
| Loss of money and business reverses          | 1     | 0       | 1      |
| Business depression                          | 1     | 0       | 1      |
| Misfortune in mining                         | 1     | 0       | 1      |
| Business cares                               | 1     | 0       | 1      |
| Worry and family trouble                     | 0     | 1       | 1      |
| Bad business                                 | 1     | 0       | 1      |
| Nervous excitement                           | 1     | 0       | 1      |
| Malaria                                      | 1     | 0       | 1      |
| Typhoid malaria                              | 1     | 0       | 1      |

TABLE No. 5—Continued.

| Cause.   | Males | Females | Totals |
|--|-------|---------|--------|
| Physical condition                                       | 0     | 1       | 1      |
| Cerebral degeneration                                    | 1     | 0       | 1      |
| Homesickness   | 0     | 1       | 1      |
| Poverty and overwork                                     | 1     | 0       | 1      |
| Overwork and worry                                       | 0     | 1       | 1      |
| Destitution  | 1     | 0       | 1      |
| Business worry   | 1     | 0       | 1      |
| Lack of success in mining, and masturbation              | 1     | 0       | 1      |
| Sunstroke and loss of only child                         | 0     | 1       | 1      |
| Age and paralysis  | 0     | 1       | 1      |
| Poor health  | 1     | 0       | 1      |
| Worry about being in jail                                | 1     | 0       | 1      |
| Confinement in jail                                      | 1     | 0       | 1      |
| Sexual excess  | 1     | 0       | 1      |
| Fall and loss of property                                | 1     | 0       | 1      |
| Loss of salaried position                                | 1     | 0       | 1      |
| Exposure   | 1     | 0       | 1      |
| Exposure and sun heat                                    | 1     | 0       | 1      |
| Exposure and want of proper nourishment                  | 1     | 0       | 1      |
| Attending religious services                             | 1     | 0       | 1      |
| Religion and privation                                   | 0     | 1       | 1      |
| Paralysis from fall in infancy                           | 1     | 0       | 1      |
| Jealousy   | 0     | 1       | 1      |
| Jealousy and separation from husband                     | 0     | 1       | 1      |
| Insanity gradually developed                             | 1     | 0       | 1      |
| Born mentally weak                                       | 0     | 1       | 1      |
| Dissipation  | 1     | 0       | 1      |
| Great pain   | 1     | 0       | 1      |
| Congestion of brain                                      | 0     | 1       | 1      |
| Abdominal tumor and worry on account of same             | 0     | 1       | 1      |
| Congestion of spine from fall                            | 1     | 0       | 1      |
| Confidence in husband's ability to find perpetual motion | 0     | 1       | 1      |
| Sabre-cut, alcoholism                                    | 1     | 0       | 1      |
| Belief that his wife is untrue                           | 1     | 0       | 1      |
| Lack of proper nourishment                               | 1     | 0       | 1      |
| Worry and general debility                               | 0     | 1       | 1      |
| Son-in-law   | 0     | 1       | 1      |
| Imaginary family trouble                                 | 0     | 1       | 1      |
| Excitement due to disappointment                         | 0     | 1       | 1      |
| Remorse for unfulfilled promise of marriage              | 0     | 1       | 1      |
| Temporary aberration of mind                             | 1     | 0       | 1      |
| Cerebral meningitis                                      | 1     | 0       | 1      |
| Convulsions  | 1     | 0       | 1      |
| Hardship—Spanish difficulty                              | 1     | 0       | 1      |
| Fall from fifth-story window                             | 1     | 0       | 1      |
| Neglect of husband                                       | 0     | 1       | 1      |
| Nephritis  | 0     | 1       | 1      |
| Fear that husband is going to be killed                  | 0     | 1       | 1      |
| Lack of food and rest, and masturbation                  | 1     | 0       | 1      |
| Exposure, old age, and want of care                      | 1     | 0       | 1      |
| Loneliness and want of proper food                       | 0     | 1       | 1      |
| Stealing some money                                      | 1     | 0       | 1      |
| Grief from death of mother                               | 0     | 1       | 1      |
| La grippe  | 0     | 1       | 1      |
| Struck by moving train                                   | 1     | 0       | 1      |
| Religious enthusiasm and worry                           | 0     | 1       | 1      |
| Religion and politics                                    | 1     | 0       | 1      |
| Christian science and hypnotism                          | 1     | 0       | 1      |
| Mental overwork and religious excitement                 | 0     | 1       | 1      |
| Unknown  | 65    | 34      | 99     |
| Totals   | 195   | 110     | 305    |

TABLE No. 6.

*Classification of Those Admitted, 1897-98.*

| Classes.                      | Males | Females | Totals |
|-------------------------------|-------|---------|--------|
| Mania                         | 14    | 10      | 24     |
| Mania, acute                  | 59    | 21      | 80     |
| Mania, acute, recurrent       | 2     | 1       | 3      |
| Mania, chronic                | 9     | 9       | 18     |
| Mania, senile                 | 0     | 1       | 1      |
| Mania, levis acuta            | 2     | 0       | 2      |
| Mania, progressive            | 2     | 0       | 2      |
| Mania, religious              | 2     | 0       | 2      |
| Mania, recurrent              | 4     | 3       | 7      |
| Mania, puerperal              | 0     | 2       | 2      |
| Mania, alcoholic              | 0     | 1       | 1      |
| Insanity, chronic, recurrent  | 1     | 0       | 1      |
| Insanity, acute               | 2     | 0       | 2      |
| Insanity emotional            | 0     | 2       | 2      |
| Insanity, moral               | 1     | 0       | 1      |
| Insanity, ideational, chronic | 1     | 0       | 1      |
| Insanity, toxic               | 1     | 0       | 1      |
| Melancholia                   | 30    | 22      | 52     |
| Melancholia, acute            | 3     | 2       | 5      |
| Melancholia, chronic          | 1     | 3       | 4      |
| Melancholia, recurrent        | 1     | 0       | 1      |
| Melancholia, stuporous        | 1     | 0       | 1      |
| Alcoholism                    | 2     | 0       | 2      |
| Paranoia                      | 21    | 13      | 34     |
| Paranoia, religious           | 0     | 1       | 1      |
| Paranoia, acute               | 1     | 0       | 1      |
| Paranoia, chronic             | 1     | 0       | 1      |
| Dementia                      | 16    | 9       | 25     |
| Dementia, acute               | 2     | 1       | 3      |
| Dementia, secondary           | 1     | 1       | 2      |
| Dementia, senile              | 9     | 5       | 14     |
| Dementia, terminal            | 0     | 1       | 1      |
| Dementia, apoplectic          | 2     | 0       | 2      |
| Dementia, paretic             | 1     | 0       | 1      |
| Dementia, paralytic           | 2     | 0       | 2      |
| Dementia, chronic             | 5     | 1       | 6      |
| Epilepsy                      | 9     | 1       | 10     |
| Epileptomania                 | 1     | 0       | 1      |
| Epileptic dementia            | 1     | 0       | 1      |
| Paresis                       | 3     | 0       | 3      |
| Imbecility                    | 2     | 0       | 2      |
| Totals                        | 195   | 110     | 305    |

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TABLE No. 7.

*Civil Condition of Those Admitted, 1897-98.*

| Civil Condition.    | Males      | Females    | Totals     |
|---------------------|------------|------------|------------|
| Married .....       | 39         | 43         | 82         |
| Single .....        | 111        | 33         | 144        |
| Widowers .....      | 8          |            | 8          |
| Widows .....        |            | 20         | 20         |
| Divorced .....      | 5          | 6          | 11         |
| Unknown .....       | 32         | 8          | 40         |
| <b>Totals .....</b> | <b>195</b> | <b>110</b> | <b>305</b> |

TABLE No. 8.

*Occupation of Those Admitted, 1897-98.*

| Occupation.                | Males | Females | Totals | Occupation.                  | Males      | Females    | Totals     |
|----------------------------|-------|---------|--------|------------------------------|------------|------------|------------|
| Attorney .....             | 2     | 0       | 2      | Millman .....                | 1          | 0          | 1          |
| Artist .....               | 0     | 1       | 1      | Miner .....                  | 15         | 0          | 15         |
| Actor .....                | 1     | 0       | 1      | Miner and saloonkeeper ..... | 1          | 0          | 1          |
| Barber .....               | 2     | 0       | 2      | Miner and farmer .....       | 1          | 0          | 1          |
| Boatman .....              | 1     | 0       | 1      | Musician and cook .....      | 1          | 0          | 1          |
| Book agent .....           | 0     | 1       | 1      | Nightwatchman .....          | 1          | 0          | 1          |
| Blacksmith .....           | 1     | 0       | 1      | Painter .....                | 3          | 0          | 3          |
| Blacksmith-helper .....    | 1     | 0       | 1      | Peddler .....                | 1          | 0          | 1          |
| Butcher .....              | 1     | 0       | 1      | Porter .....                 | 1          | 0          | 1          |
| Carpenter .....            | 5     | 0       | 5      | Real estate dealer .....     | 2          | 0          | 2          |
| Carpenter and farmer ..... | 1     | 0       | 1      | Railroad employé .....       | 1          | 0          | 1          |
| Cook .....                 | 3     | 1       | 4      | Railroad helper .....        | 1          | 0          | 1          |
| Cook and waiter .....      | 1     | 0       | 1      | Rancher .....                | 2          | 0          | 2          |
| Clerk .....                | 4     | 0       | 4      | Salesman .....               | 2          | 0          | 2          |
| Cultivator .....           | 1     | 0       | 1      | Seamstress .....             | 0          | 1          | 1          |
| Dairyman .....             | 1     | 0       | 1      | Sheepherder .....            | 4          | 0          | 4          |
| Domestic .....             | 1     | 17      | 18     | Sailor .....                 | 1          | 0          | 1          |
| Dressmaker .....           | 0     | 3       | 3      | Saloonkeeper .....           | 2          | 0          | 2          |
| Expressman .....           | 1     | 0       | 1      | Shoemaker .....              | 1          | 0          | 1          |
| Electrician .....          | 1     | 0       | 1      | Sign-painter .....           | 1          | 0          | 1          |
| Engineer .....             | 1     | 0       | 1      | Sign-writer .....            | 1          | 0          | 1          |
| Farmer .....               | 14    | 0       | 14     | Stockraiser .....            | 1          | 0          | 1          |
| Farm-laborer .....         | 2     | 0       | 2      | Schoolteacher .....          | 0          | 2          | 2          |
| Furniture-burnisher .....  | 1     | 0       | 1      | Traveling salesman .....     | 1          | 0          | 1          |
| Housewife .....            | 0     | 53      | 53     | Teamster .....               | 2          | 0          | 2          |
| Housekeeper .....          | 0     | 11      | 11     | Valet .....                  | 1          | 0          | 1          |
| Hand organist .....        | 0     | 1       | 1      | Woodchopper .....            | 3          | 0          | 3          |
| Laundress .....            | 0     | 1       | 1      | Windowcleaner .....          | 2          | 0          | 2          |
| Laborer .....              | 64    | 0       | 64     | No occupation .....          | 10         | 12         | 22         |
| Machinist .....            | 9     | 0       | 9      | Unknown .....                | 10         | 6          | 16         |
| Machine operator .....     | 1     | 0       | 1      |                              |            |            |            |
| Merchant .....             | 1     | 0       | 1      |                              |            |            |            |
| Miller .....               | 1     | 0       | 1      |                              |            |            |            |
|                            |       |         |        | <b>Totals .....</b>          | <b>195</b> | <b>110</b> | <b>305</b> |

TABLE No. 9.

*Causes of Death, 1897-98.*

| Causes.                                     | Males     | Females   | Totals     |
|---|-----------|-----------|------------|
| Tuberculosis                                | 12        | 18        | 30         |
| Tuberculosis, intestinal                    | 1         | 0         | 1          |
| Tuberculosis, pulmonum                      | 4         | 1         | 5          |
| Tuberculosis, hæmoptysis in                 | 1         | 0         | 1          |
| Pneumonia                                   | 5         | 3         | 8          |
| Apoplexy                                    | 7         | 0         | 7          |
| Apoplectic attack in general paresis        | 1         | 0         | 1          |
| Senility                                    | 1         | 3         | 4          |
| Epilepsy                                    | 1         | 3         | 4          |
| Epilepsy in general paresis                 | 1         | 0         | 1          |
| Suffocation during epileptic attack         | 1         | 0         | 1          |
| General paresis                             | 4         | 0         | 4          |
| Heat stroke in general paresis              | 1         | 0         | 1          |
| Croupous pneumonia                          | 4         | 0         | 4          |
| Enteritis                                   | 2         | 0         | 2          |
| Enteritis, acute                            | 3         | 0         | 3          |
| Enteritis, chronic                          | 0         | 1         | 1          |
| Gastro-enteritis, acute                     | 4         | 0         | 4          |
| Gastritis                                   | 0         | 1         | 1          |
| Gastritis, acute                            | 1         | 0         | 1          |
| Gastro-intestinal catarrh, acute            | 1         | 0         | 1          |
| Bronchitis, acute                           | 2         | 2         | 4          |
| Bronchitis, chronic                         | 1         | 1         | 2          |
| Paretic dementia                            | 4         | 0         | 4          |
| Bright's disease                            | 3         | 0         | 3          |
| Cerebral hemorrhage                         | 1         | 2         | 3          |
| Pleura pneumonia                            | 2         | 0         | 2          |
| Valvular disease of heart                   | 2         | 0         | 2          |
| Exhaustion in mania                         | 1         | 0         | 1          |
| Exhaustion in mania, chronic                | 0         | 1         | 1          |
| Exhaustion in mania, acute                  | 0         | 1         | 1          |
| Exhaustion in dementia                      | 0         | 2         | 2          |
| Exhaustion in dementia, chronic             | 0         | 1         | 1          |
| Exhaustion in melancholia, chronic          | 0         | 1         | 1          |
| Self-inflicted injury                       | 1         | 0         | 1          |
| Nephritis                                   | 1         | 0         | 1          |
| Nephritis, with valvular heart disease      | 1         | 0         | 1          |
| Nephritis, acute                            | 0         | 1         | 1          |
| Nephritis, chronic                          | 1         | 0         | 1          |
| Nephritis, in tubercular pleurisy           | 1         | 0         | 1          |
| Dysentery                                   | 0         | 1         | 1          |
| Pericarditis in dementia paral.             | 1         | 0         | 1          |
| Chronic meningo-cerebritis                  | 1         | 0         | 1          |
| Myelitis                                    | 1         | 0         | 1          |
| Bronchitis in senile dementia               | 1         | 0         | 1          |
| Septicæmia                                  | 1         | 0         | 1          |
| Septicæmia, acute                           | 0         | 1         | 1          |
| Septic peritonitis                          | 1         | 0         | 1          |
| Strangulation from food in larynx in chorea | 0         | 1         | 1          |
| Ulcerative colitis                          | 0         | 1         | 1          |
| Cystitis                                    | 1         | 0         | 1          |
| Cerebral thrombosis                         | 0         | 1         | 1          |
| Delirious mania, acute                      | 0         | 1         | 1          |
| Cerebro-spinal meningitis                   | 0         | 1         | 1          |
| Pyelo cystitis in melancholia               | 1         | 0         | 1          |
| Pulmonary hemorrhage                        | 0         | 1         | 1          |
| Catarrhal pneumonia in pleurisy             | 1         | 0         | 1          |
| Carcinoma tibiæ, with metastases            | 1         | 0         | 1          |
| <b>Totals</b>                               | <b>86</b> | <b>50</b> | <b>136</b> |

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## STEWARD'S DEPARTMENT.

TABLE No. 10.

*Account of Articles Consumed, and Expenditures for the Year ending  
June 30, 1898.*

| Articles.   | Value.     | Articles.   | Value.       |
|---|------------|---|--------------|
| Flour .....                                       | \$9,065 34 | Lumber .....  | \$795 85     |
| Meat .....  | 16,868 47  | Building materials and repairs .....                | 1,935 74     |
| Sugar .....                                       | 3,943 17   | Brooms and brushes .....                            | 347 29       |
| Tea .....   | 586 00     | Books and stationery .....                          | 576 88       |
| Syrup .....                                       | 476 18     | Oil, gas, and gasoline .....                        | 194 10       |
| Potatoes .....                                    | 2,706 72   | Paints, oils, and glass .....                       | 1,052 46     |
| Butter .....                                      | 6,545 70   | Fuel .....  | 7,470 51     |
| Coffee and chicory .....                          | 2,690 53   | Bedding .....                                       | 546 83       |
| Lard .....  | 8 38       | Castings, pipes, and iron .....                     | 1,445 93     |
| Fish .....  | 685 42     | Payroll .....                                       | 96,383 60    |
| Eggs .....  | 1,024 37   | Pay of Directors and Treasurer .....                | 1,797 00     |
| Beans and peas .....                              | 629 55     | Freight and expressage .....                        | 182 37       |
| Cracked wheat, rice, oatmeal .....                | 2,477 23   | Telegraphing and telephoning .....                  | 229 00       |
| Ice .....   | 448 10     | Insuring boilers .....                              | 50 00        |
| Fruit and vegetables .....                        | 2,343 54   | Coal oil .....                                      | 64 89        |
| Salt .....  | 128 87     | Candles and wax tapers .....                        | 16 45        |
| Vinegar .....                                     | 93 24      | Water for fire hydrants .....                       | 120 00       |
| Small groceries .....                             | 1,342 98   | Sewage pumping .....                                | 607 80       |
| Soap, starch, and potash .....                    | 1,176 46   | P. O. box rent .....                                | 8 00         |
| Drugs and medicines .....                         | 1,301 60   | Returned escapes .....                              | 151 20       |
| Wines and liquors .....                           | 611 55     | Discharged patients .....                           | 292 10       |
| Tobacco .....                                     | 1,517 78   | Notary fees .....                                   | 14 00        |
| Dry goods .....                                   | 3,324 67   | Railroad fare, expenses, etc. ....                  | 25 90        |
| Clothing and hats .....                           | 5,178 29   | House rent and allowances, .....                    |              |
| Shoes and leather .....                           | 2,474 15   | Dr. S. ....   | 570 00       |
| Blankets .....                                    | 1,517 96   | Experting tea .....                                 | 25 00        |
| Furniture, crockery, spoons,<br>and cutlery ..... | 1,052 31   | Cows .....  | 210 00       |
| Hardware and tinware .....                        | 1,038 26   | Repairing boiler plants, female<br>department ..... | 2,479 08     |
| Carpeting and matting .....                       | 491 52     |   |              |
| Hay, grain, and feed .....                        | 3,977 62   |   |              |
| Garden tools and seed .....                       | 415 78     | Total .....   | \$193,733 65 |

TABLE No. 11.

*Cost of Several Departments, 1897-98.*

| Departments.                             | Cost.       | Departments.  | Cost.        |
|--|-------------|---|--------------|
| Male kitchen and dining-room .....       | \$28,384 90 | Second Assistant Physician .....                      | \$307 40     |
| Female kitchen and dining-<br>room ..... | 13,213 97   | Third Assistant Physician .....                       | 299 35       |
| Bakery .....                             | 8,327 89    | House rent and allowance .....                        | 570 00       |
| Male department, supplies .....          | 11,088 06   | Payroll .....   | 96,383 60    |
| Female department, supplies .....        | 4,141 61    | Pay of Directors .....                                | 1,797 00     |
| Laundries .....                          | 802 24      | Shoe shop .....                                       | 663 02       |
| Engine-houses .....                      | 7,576 16    | Water for fire hydrants .....                         | 120 00       |
| Plumber .....                            | 1,788 00    | Sewage pumping .....                                  | 606 11       |
| General mechanics' shop .....            | 1,787 22    | Revolving fund .....                                  | 692 29       |
| Building repairs .....                   | 2,851 74    | Telegraphing .....                                    | 137 78       |
| Blacksmith shop .....                    | 344 60      | Insuring boilers .....                                | 50 00        |
| Farm, garden, and stable .....           | 3,195 29    | Paint shop .....                                      | 978 80       |
| Dairy .....                              | 1,598 36    | Experting teas .....                                  | 25 00        |
| Drug-store .....                         | 1,889 86    | Upholsterer .....                                     | 419 52       |
| Office .....                             | 455 53      | Repairing boiler plants, fe-<br>male department ..... | 2,479 08     |
| Medical Superintendent .....             | 294 70      |   |              |
| First Assistant Physician .....          | 364 62      | Total .....   | \$193,733 65 |

TABLE No. 12.

*Amount of Supplies Purchased and Distributed and the Balances on Hand at the Beginning and End of Fiscal Year.*

|   |                    |                    |
|---|--------------------|--------------------|
| Amount on hand on June 30, 1897 .....     | \$1,162 44         |                    |
| Amount purchased during fiscal year ..... | 94,918 48          |                    |
| Amount disbursed during fiscal year ..... |                    | \$93,851 87        |
| Amount on hand on June 30, 1898 .....     |                    | 2,729 06           |
| <b>Totals .....</b>                       | <b>\$96,080 92</b> | <b>\$96,080 92</b> |

*Recapitulation.*

|   |                     |
|---|---------------------|
| Disbursements .....                                       | \$93,851 87         |
| Payroll .....   | 96,383 00           |
| Pay of Managers .....                                     | 1,797 00            |
| House rent and allowance, Third Assistant Physician ..... | 670 00              |
| Water for fire and hydrants .....                         | 120 00              |
| Sewage-pumping .....                                      | 606 11              |
| Revolving fund .....                                      | 692 29              |
| Telegraphing and telephoning .....                        | 137 78              |
| Insuring boilers .....                                    | 50 00               |
| Experting teas .....                                      | 25 00               |
| <b>Total .....</b>  | <b>\$183,733 65</b> |

TABLE No. 13.

*Averages for Year ending June 30, 1898.*

| Months.             | Monthly Expenditures. | Monthly Average of Patients. | Average Daily Expenses. | Average Daily per Capita. | Average Monthly per Capita |
|---------------------|-----------------------|------------------------------|-------------------------|---------------------------|----------------------------|
| 1897—July .....     | \$15,141 35           | 1,527                        | \$488 43                | \$0 32                    | \$9 91                     |
| August .....        | 15,370 12             | 1,537.6                      | 496 00                  | 32.2                      | 9 99                       |
| September .....     | 16,945 09             | 1,541 5                      | 564 83                  | 36.6                      | 10 99                      |
| October .....       | 16,431 24             | 1,547.6                      | 497 78                  | 32.1                      | 9 97                       |
| November .....      | 16,456 92             | 1,548.6                      | 430 87                  | 35.5                      | 10 64                      |
| December .....      | 17,176 62             | 1,539                        | 572 55                  | 36                        | 11 16                      |
| 1898—January .....  | 16,651 85             | 1,523                        | 537 15                  | 35.2                      | 10 27                      |
| February .....      | 16,262 08             | 1,520.5                      | 560 79                  | 36.2                      | 10 69                      |
| March .....         | 16,428 43             | 1,529.7                      | 529 95                  | 34.6                      | 10 74                      |
| April .....         | 16,124 15             | 1,533                        | 538 30                  | 35.1                      | 10 52                      |
| May .....           | 15,953 33             | 1,546                        | 514 62                  | 33.3                      | 10 32                      |
| June .....          | 15,792 47             | 1,555.3                      | 509 43                  | 36.6                      | 10 14                      |
| <b>Yearly .....</b> | <b>\$193,733 65</b>   | <b>1,537</b>                 | <b>\$530 84</b>         | <b>\$0 34.5</b>           | <b>\$10 50</b>             |

TABLE No. 14.

*Products of Farm and Garden, from July 1, 1897 to June 30, 1898.*

| Product.           | Quantity.   | Value.            |
|--------------------|-------------|-------------------|
| Alfalfa.....       | 567 tons.   | \$7,031 00        |
| Beets.....         | 41,300 lbs. | 311 25            |
| Cabbage.....       | 10,750 lbs. | 86 90             |
| Squash.....        | 8,825 lbs.  | 65 83             |
| Onions.....        | 8,360 lbs.  | 213 00            |
| Cucumbers.....     | 4,948 lbs.  | 29 99             |
| Peppers.....       | 2,710 lbs.  | 22 65             |
| String beans.....  | 2,160 lbs.  | 25 92             |
| Tomatoes.....      | 14,130 lbs. | 138 65            |
| Corn.....          | 509 doz.    | 25 45             |
| Lettuce.....       | 337 doz.    | 84 85             |
| Okra.....          | 130 lbs.    | 1 95              |
| Carrots.....       | 13,600 lbs. | 77 35             |
| Pumpkins.....      | 3,600 lbs.  | 21 60             |
| Egg plant.....     | 1,100 lbs.  | 15 00             |
| Muskmelons.....    | 19 doz.     | 9 50              |
| Beans.....         | 430 lbs.    | 7 50              |
| Radish.....        | 225 doz.    | 2 50              |
| Turnips.....       | 28,650 lbs. | 214 87            |
| Dried peppers..... | 50 lbs.     | 3 50              |
| Celery.....        | 2,225 lbs.  | 25 91             |
| Cauliflower.....   | 100 lbs.    | 40 00             |
| Peas.....          | 950 lbs.    | 21 25             |
| Beet greens.....   | 2,500 lbs.  | 46 25             |
| Artichokes.....    | 50 doz.     | 12 50             |
| <b>Total.....</b>  |             | <b>\$8,635 67</b> |

*Products of Dairy.*

|                   |              |                   |
|-------------------|--------------|-------------------|
| Milk.....         | 40,770 gals. | \$6,093 50        |
| Eggs.....         | 802 doz.     | 151 58            |
| Ducks.....        | 12 doz.      | 35 25             |
| Turkeys.....      | 1 doz.       | 18 00             |
| Chickens.....     | 25-5-12 doz. | 76 25             |
| <b>Total.....</b> |              | <b>\$6,374 58</b> |

*Live Stock on Hand, June 30, 1898.*

|                 |     |
|-----------------|-----|
| Milch cows..... | 47  |
| Yearlings.....  | 10  |
| Calves.....     | 6   |
| Bulls.....      | 2   |
| Horses.....     | 11  |
| Poultry.....    | 400 |

TABLE No. 15.

*New Work, from July 1, 1897, to July 1, 1898.*

## MECHANICS' SHOP.

| Articles.                              | No.       | Articles.                                      | No. |
|--|-----------|--|-----|
| Keys .....                             | 72        | Oilcloth aprons for stable .....               | 2   |
| Long straps with lock buckles .....    | 125       | Canvas shirts .....                            | 8   |
| Canvas jackets .....                   | 32        | Leather mitts (pairs) .....                    | 10  |
| Bed canvases .....                     | 108       | Canvas tool-bags .....                         | 2   |
| Canvas muffs .....                     | 27        | Mangle sheets .....                            | 84  |
| Bath-towels .....                      | 1,104     | Foot straps .....                              | 24  |
| Roller-towels .....                    | 552       | Leather muffs .....                            | 13  |
| Pillowslips .....                      | 1,008     | Wristlets .....                                | 68  |
| Sheets .....                           | 1,210     | Pillowticks .....                              | 120 |
| Ward aprons .....                      | 69        | Made canvas matting for billiard<br>room ..... | 1   |
| Dining-room aprons .....               | 60        | Hames straps .....                             | 12  |
| Kitchen aprons .....                   | 72        | Breast straps .....                            | 6   |
| Carpenters' aprons .....               | 4         | Ankle straps .....                             | 24  |
| Bedticks .....                         | 60        | Anklets .....                                  | 12  |
| Stationary straps (pairs) .....        | 5         | Canvas blankets .....                          | 12  |
| Shawl straps .....                     | 2         | Canvas clothespin bags .....                   | 12  |
| Tablecloths (linen) .....              | 46        | Brown duck suit .....                          | 1   |
| Long leather straps for bothouse ..... | 14        | Napkins .....                                  | 120 |
| Canvas hose .....                      | 4 ft each | Awnings .....                                  | 25  |
| Binding 16 ball carpets .....          |           |  |     |
| Pumpleathers .....                     | 16        |  |     |

## MATTRESS SHOP.

| Articles.            | No. | Articles.               | No. |
|----------------------|-----|-------------------------|-----|
| Mattresses .....     | 571 | Piano stool .....       | 1   |
| Pillows .....        | 330 | Ticks .....             | 353 |
| Couches .....        | 33  | Roller shades .....     | 188 |
| Chair cushions ..... | 10  | Spring mattresses ..... | 8   |
| Floorrugs .....      | 58  | Rockers .....           | 4   |
| Armchairs .....      | 2   | Wheel chair .....       | 1   |

TABLE No. 15—Continued.

## PLUMBER'S SHOP.

| Articles.                          | No. | Articles.   | No. |
|------------------------------------|-----|---|-----|
| Galv. iron Sinks .....             | 12  | Galv. iron Conductor, 4-in. (feet).....   | 70  |
| Stew kettles, 10-gal. ....         | 14  | Conductor, 3-in. (feet).....  | 40  |
| Slop kettles, 30-gal. ....         | 4   | Stovepipe, 6-in. (feet).....  | 28  |
| Oval dish pans .....               | 4   | Blk. iron Stovepipe, 6-in. (feet).....  | 50  |
| Water coolers, 5-gal. ....         | 2   | Stovepipe, 5-in. (feet).....  | 40  |
| Oil tanks with cover, 5-gal. ....  | 10  | Elbows for stovepipe, 6-in. ....  | 15  |
| Oil tanks with cover, 10-gal. .... | 10  | Elbows for stovepipe, 5-in. ....  | 6   |
| Flush tanks, 10-gal. ....          | 2   | Blowers for grate .....   | 6   |
| Incubator tank 100-gal. ....       | 1   | Drip pans .....   | 8   |
| Brooder tanks, 30-gal. ....        | 2   | Squares of tin roofing .....  | 15  |
| 300-gal. tank .....                | 1   | Steam-coils of 48 pipes each .....  | 7   |
| Tank-bottom No. 6, diam. ....      | 1   | Steam-coils of 8 pipes each .....   | 4   |
| 7 ft. ....                         | 1   | Steam-coils of 12 pipes .....   | 1   |
| Bone cookers, 20-gal. ....         | 2   | Steam-coils of 6 pipes for hot water<br>boilers .....   | 2   |
| Buckets 3-gal. ....                | 14  | Steam-coils of 20 pipes.....  | 1   |
| Boilers with covers, 6-gal. ....   | 3   | System of steam-pipe complete for<br>female engine-room. Supply of<br>water from female department to<br>doctors' residences. Closets with<br>connections, all complete ..... | 6   |
| Leather vat, 75-gal. ....          | 1   |   |     |
| Irrigation valves, 6-in. ....      | 2   |   |     |
| Conductor-heads .....              | 2   |   |     |
| Lining for ice chests .....        | 5   |   |     |
| Stove-boards.....                  | 4   |   |     |

## TIN SHOP.

| Articles.                              | No. | Articles.                                      | No. |
|--|-----|--|-----|
| Tin pans .....                         | 6   | Cullenders .....                               | 2   |
| Long-handled soup dippers .....        | 2   | Galv. iron dipper .....                        | 1   |
| Dipper for painter .....               | 1   | 1-gal. measures .....                          | 2   |
| Galvanized iron buckets .....          | 72  | Putting mold .....                             | 1   |
| Dustpans .....                         | 36  | 2-gal. milk cans .....                         | 6   |
| Quart cups .....                       | 84  | 1½-gal. milk cans .....                        | 12  |
| Chambers .....                         | 288 | Bone lifter .....                              | 1   |
| Spittoons .....                        | 72  | 3-gal. dinner kettles, with meat pans. ....    | 12  |
| 3-gal. milkcans .....                  | 12  | 2-gal. dinner kettles, with meat pans. ....    | 12  |
| Large coffee roaster .....             | 1   | ½-gal. milk cans .....                         | 24  |
| Egg beater .....                       | 1   | 16-inch pudding pans .....                     | 12  |
| Biscuit cutter .....                   | 1   | 13-inch pudding pans .....                     | 12  |
| Doughnut cutter .....                  | 1   | 2-gal. coffeepots .....                        | 24  |
| Short-handled dippers .....            | 3   | 12-gal. soup kettles, with bails .....         | 24  |
| Large galv. chamber pots .....         | 9   | 12-gal. soup kettles, with grips .....         | 24  |
| 17-in. dripping pans .....             | 2   | Galv. iron buckets .....                       | 12  |
| Milk buckets .....                     | 2   | China soup strainer .....                      | 12  |
| Large milk funnel, with strainer ..... | 1   | Little coffeepots .....                        | 2   |
| Large galv. iron kettle cover .....    | 1   | Broom caps .....                               | 20  |
| Narrow bread pans .....                | 6   | 18-inch flour sieve .....                      | 1   |
| Long-handled dipper .....              | 1   | Egg turners .....                              | 3   |
| 1-gal. paint pots .....                | 18  | Egg whip .....                                 | 1   |
| Putting pans .....                     | 12  | 12-gal. tin kettles .....                      | 8   |
| Assorted pans .....                    | 6   | 16-gal. tin kettles .....                      | 4   |
| Small roast pans .....                 | 2   | 12-gal. water cooler .....                     | 1   |
| Spittoons .....                        | 2   | Water coolers .....                            | 2   |
| Oil pot .....                          | 1   | Large coffee kettle .....                      | 1   |
| Copper glue pot .....                  | 2   | 3-quart castor oil cans .....                  | 2   |
| Cake turners .....                     | 2   | Large galv. iron tea and coffee strainer ..... | 1   |

TABLE No. 15—Continued.

CARPENTER'S SHOP.

| Articles.                       | No. | Articles.  | No.   |
|---------------------------------|-----|--|-------|
| Coffins .....                   | 109 | Brush poles .....                                  | 19    |
| Doors .....                     | 17  | Wheel chairs .....                                 | 2     |
| Screen doors .....              | 5   | Benches .....                                      | 6     |
| Window sash .....               | 10  | Settees .....                                      | 11    |
| Screens .....                   | 51  | Icechest .....                                     | 1     |
| Lounge frames .....             | 11  | Incubator .....                                    | 1     |
| China closets .....             | 2   | Chicken brooders .....                             | 4     |
| Cupboards .....                 | 6   | Pillowsham frames .....                            | 8     |
| Commodos .....                  | 11  | Rolling-pins .....                                 | 2     |
| Wardrobes .....                 | 2   | Flagstaff .....                                    | 1     |
| Tables .....                    | 13  | Flushing-tank boxes .....                          | 2     |
| Ladders .....                   | 4   | Vegetable boxes .....                              | 12    |
| Stepladders .....               | 5   | Rubbing blocks .....                               | 5     |
| Medicine chests .....           | 3   | Footstools .....                                   | 13    |
| Clothes and shoe chests .....   | 6   | Pot closets .....                                  | 8     |
| Writing desks .....             | 4   | Broom rack (holding seven dozen brooms) .....      | 1     |
| Clothes-horses .....            | 4   | Adjustable trestles (pairs) .....                  | 2     |
| Shelves (various lengths) ..... | 41  | Derbies .....                                      | 4     |
| Burial boxes .....              | 55  | Bookcase .....                                     | 1     |
| Rag boxes .....                 | 6   | Crochet frames .....                               | 16    |
| Hanging-baskets .....           | 5   | Towel rollers .....                                | 7     |
| Plumb rules .....               | 2   | Iron-head stokers .....                            | 1,428 |
| Spirit levels .....             | 2   | Crutches (pairs) .....                             | 2     |
| Straight edges .....            | 13  | Seed boxes .....                                   | 38    |
| Hose reels .....                | 9   | Ironing-boards .....                               | 7     |
| Steam coil box .....            | 1   | Shoemaker's benches .....                          | 4     |
| Stretcher .....                 | 1   | Iron rack and shed for blacksmith, 4'x18'x8' ..... | 1     |
| Picture frames .....            | 4   | Toolhouse for gardener, 10'x20'x9' .....           | 1     |
| Wagon tongues .....             | 3   | Finished lime house, 20'x40'x14' .....             | 1     |
| Wagon reaches .....             | 2   | Vegetable house, 20'x40'x14' .....                 | 1     |
| Clothespin boxes .....          | 24  | Clothes boxes for laundry .....                    | 2     |
| Wheelbarrows .....              | 4   | Toolbox for gardener .....                         | 1     |
| Hydrant boxes .....             | 16  | Dresser .....                                      | 1     |
| Electric switch-hands .....     | 2   | Sinks .....  | 2     |
| Breadboards .....               | 7   | Mixing paddles .....                               | 13    |
| Lapboards .....                 | 1   |  |       |
| Meatboards .....                | 3   |  |       |
| Flower stand .....              | 1   |  |       |

SEWING-ROOM.

| Articles.             | No. | Articles.          | No. |
|-----------------------|-----|--------------------|-----|
| Dresses .....         | 473 | Sunbonnets .....   | 204 |
| Night-dresses .....   | 494 | Sheets .....       | 557 |
| Chemises .....        | 482 | Pillowslips .....  | 858 |
| Skirts, cotton .....  | 169 | Tablecloths .....  | 80  |
| Skirts, flannel ..... | 153 | Robes .....        | 81  |
| Drawers (pairs) ..... | 470 | Towels .....       | 198 |
| Sacks, cotton .....   | 60  | Napkins .....      | 108 |
| Sacks, flannel .....  | 12  | Sofa pillows ..... | 12  |
| Aprons .....          | 828 |                    |     |

BROOM SHOP.

|              |            |
|--------------|------------|
| Brooms ..... | 8 1/4 doz. |
|--------------|------------|

SHOE SHOP.

|                                |            |
|--------------------------------|------------|
| Custom shoes .....             | 50 prs.    |
| Custom boots .....             | 25 prs.    |
| Boots and shoes repaired ..... | 3,000 prs. |



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REPORT

OF THE

NAPA STATE HOSPITAL.

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6—L



REPORT OF THE BOARD OF MANAGERS  
OF THE  
NAPA STATE HOSPITAL.

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*To the State Commission in Lunacy:*

The Board of Managers of the Napa State Hospital, in accordance with law, make the following annual report:

It has been found advisable to change the time of meetings of the Board of Managers of the Napa State Hospital from the second Saturday of each month to the second Friday thereof. The meetings have usually been attended by all the members of the Board. Supplementary meetings have been held occasionally, for the purpose of making estimates and transacting necessary business of the hospital. The law contemplates that a record be kept of the visits of each member of the Board, and of the inspections of the hospital made by them. We find it difficult to recall from memory the date of each visit made by the different members, and respectfully refer the Commission to the minutes of the Board for detailed information.

Inspections have been made by the different members of the Board from time to time, and the conditions have on all occasions been found satisfactory. We desire to call the attention of the State Commission in Lunacy to the overcrowded condition of the hospital. There are in the hospital at this time 1,472 patients. The plan of construction of the hospital building only contemplated accommodations for a maximum of 800 patients. For years the management have labored with the lack of sufficient accommodations, and recognize that the best results cannot be secured during a continuance of the present overcrowded condition.

It is absolutely essential that the water supply of the Napa State Hospital be increased. We have given considerable time to investigating the question as how best to provide the institution with additional water. After a consideration of all propositions that have been regarded as feasible, it seems to the Board of Managers necessary to recur to the plan proposed to build a dam in Kruse Cañon at a cost of \$100,000. It is possible to secure an additional supply of water from Wild Horse Cañon; the estimated cost of this would be about \$13,000. It would

be insufficient, however, and probably would not furnish over fifty thousand gallons a day. This would afford only temporary relief. We are satisfied, after giving thorough consideration to all propositions, that the necessities of the Napa State Hospital can only be supplied by the construction of a dam across Kruse Cañon, and of the institution availing itself of the storage capacity of the cañon. The necessities of the institution for irrigation and water power would also be guaranteed. By the construction of the Kruse Cañon dam, the cost of fuel for light and power would be lessened, and an annual saving effected of \$10,000 in these two items. It would also provide water for irrigation, the value of which can hardly be underestimated. As the hospital is now situated, the State will speedily be called upon to renew the plant for the manufacture of gas. Its probable cost would not fall short of \$2,000. Kruse Cañon dam would permit the substitution of electric light for gas. At no reasonable limit of cost can equal advantages be secured. The acquisition of an ample water supply is an imperative necessity.

As a means of relieving the congestion which exists in the hospital, and as a reasonable sanitary precaution, we believe in the segregation of tubercular patients. This involves the construction of two cottages, each sufficiently large to accommodate one hundred patients. We believe the Commission will agree with the Board of Managers in this view, and cooperate in satisfying this apparent want.

The hospital's necessities also demand the construction of a morgue. Plans should be prepared at once, and the construction of a suitable building authorized at an expense not to exceed \$1,000.

There is a great necessity for the increase of the facilities for fighting fire. Tubular fire-escapes should be provided where necessary, eliminating the danger of any loss of life from any portion of the building. The Kirker-Vender tubular fire-escapes, which are common in public buildings, should be provided. The cost we estimate at \$11,000. The danger from fire always exists in spite of every care. With our present lack of water for extinguishing fires, the character of the inmates, and the height of the hospital building, we cannot urge too strongly upon your honorable body that the Napa State Hospital must be provided with an additional water supply for fighting fire. We shall not feel that the State has provided a reasonable protection against fire and its possible horrors until the tubular fire-escapes recommended are secured and our water supply largely increased.

The hospital is entirely lacking in dairy facilities. Authority should be given to construct a suitable building to be used for the storage and care of milk.

We recommend that additional land be secured, for the purpose of raising vegetables and alfalfa. From a medical and economical standpoint we think this is to be desired. It would permit an extension and

variety in the food and tend to lessen materially the cost of conducting the hospital.

The large number of hogs raised upon the hospital property makes it economical and desirable that a place be constructed for packing and curing pork. Under our present condition we find it necessary to sell hogs raised on the ranch, and go into the market and buy pork. We think a large amount of money would be annually saved by curing and packing as much of our own meats as possible.

The Board of Managers are pleased to report the condition of the hospital as entirely satisfactory. The medical staff is efficient and indefatigable in its labors for the welfare of the institution. The employés of the hospital are faithful and deserving of commendation. All of the officers and employés supplement the purposes of the Board of Managers to secure the best care of the patients at this hospital at the lowest reasonable cost to the State.

We think it essential that appropriations should be made on a basis of fifteen hundred patients. We deem it necessary to calculate upon a daily expense of 40 cents per capita. We recommend, therefore, that appropriations for maintenance at the Napa State Hospital for two years of \$440,000 be made.

Respectfully submitted.

H. H. HARRIS,  
E. E. WASHBURN,  
RALEIGH BARCAR,  
ROBT. P. LAMDIN,

Board of Managers Napa State Hospital.

## CONTINGENT FUND—1896-97.

The following statement shows the receipts and expenditures on account of the Contingent Fund for the fiscal year beginning July 1, 1896, and ending June 30, 1897, viz.:

| RECEIPTS.                              |                    |
|--|--------------------|
| Cash balance on hand July 1, 1896..... | \$5,272 11         |
| Cash from steward's sales.....         | 213 25             |
| Cash from board of patients.....       | 12,092 50          |
|  | 12,305 75          |
| <b>Total</b> .....                     | <b>\$17,577 86</b> |

| EXPENDITURES.   |                   |
|---|-------------------|
| Architect's services.....                             | \$50 00           |
| Baling hay.....                                       | 137 90            |
| Baseballs, tennisballs, and supplies.....             | 88 05             |
| Bituminous rock for lawn tennis court.....            | 105 80            |
| Clock.....  | 3 75              |
| Crockery.....   | 9 30              |
| Candies and nuts for patients.....                    | 31 79             |
| Cash paid working patients.....                       | 38 00             |
| Cash returned to pay patients.....                    | 15 00             |
| Clothing and shoes for working patients.....          | 90 95             |
| Copper jacket kettle.....                             | 50 00             |
| Cornice gutter.....                                   | 24 48             |
| Casting for and fitting up turntable.....             | 28 00             |
| Discharged patients.....                              | 92 50             |
| Empty barrels.....                                    | 48 00             |
| Entertainments for patients.....                      | 72 25             |
| Exchange.....   | 13 55             |
| Expense of travel.....                                | 142 55            |
| Furniture.....  | 147 00            |
| Fruit, vegetables, and wild game.....                 | 118 95            |
| Flags (2 U. S.).....                                  | 24 63             |
| Galvanic chloride of silver bells ex-charged.....     | 12 80             |
| Hack hire.....  | 29 50             |
| Hardware.....   | 188 93            |
| Hub box attachment for spring wagon.....              | 1 50              |
| Insurance on boilers.....                             | 150 00            |
| Lime, cement, sand, and plaster.....                  | 729 95            |
| Lumber.....   | 567 61            |
| Labor on grounds.....                                 | 318 00            |
| Labor, painting.....                                  | 335 00            |
| Labor, plumbing.....                                  | 302 50            |
| Labor of stone-mason.....                             | 360 00            |
| Labor, pruning.....                                   | 158 65            |
| Labor, making sauerkraut.....                         | 30 50             |
| Labor (extra on wards, grounds, etc.).....            | 905 25            |
| Miscellaneous.....                                    | 392 45            |
| Metallic file cases, etc. (for clinical records)..... | 1,906 65          |
| Music and musical instruments.....                    | 50 83             |
| Mimeograph and supplies.....                          | 40 00             |
| Patent wagonbeds.....                                 | 70 00             |
| Repairing shoes for patients.....                     | 4 00              |
| Religious services.....                               | 512 50            |
| Rent of land.....                                     | 60 00             |
| Return of escaped patients.....                       | 117 50            |
| Surrey (three-seater), harness, etc.....              | 349 20            |
| Surveying site for reservoir, and report.....         | 110 00            |
| Sterilizer.....                                       | 14 00             |
| Supplies furnishing new bakery.....                   | 195 40            |
| Threshing grain.....                                  | 103 95            |
| Thermo-cautery.....                                   | 18 00             |
| Ventilators, glass, locks, sash cord, etc.....        | 18 50             |
| Wire netting for lawn tennis court.....               | 28 80             |
|   | \$8,812 42        |
| Cash balance on hand June 30, 1897.....               | <b>\$8,765 44</b> |

NAPA STATE HOSPITAL.

NUMBER OF ADMISSIONS, RECOVERIES, DEATHS, ETC., FROM NOVEMBER 15, 1875, TO JULY 1, 1888.

| Years.                             | Admissions | Recoveries | Discharges—Improved | Discharges—Not Insane | Removed to Other Asylums | Deaths | Returned Escapes | Escapes | Number Resident at Close of Each Year | Increase | Decrease | Whole Number Treated | Per Cent of Recoveries to Admissions | Per Cent of Deaths on Number Treated |
|------------------------------------|------------|------------|---------------------|-----------------------|--------------------------|--------|------------------|---------|---------------------------------------|----------|----------|----------------------|--------------------------------------|--------------------------------------|
| November 15, 1875, to July 1, 1876 | 321        | 69         | 30                  | 0                     | 0                        | 20     | 0                | 4       | 204                                   | 208      | 0        | 321                  | 21.49                                | 6.23                                 |
| July 1, 1876, to July 1, 1877      | 451        | 140        | 71                  | 0                     | 0                        | 49     | 0                | 4       | 395                                   | 187      | 0        | 659                  | 31.04                                | 7.43                                 |
| July 1, 1877, to July 1, 1878      | 433        | 148        | 71                  | 0                     | 0                        | 70     | 0                | 11      | 528                                   | 133      | 0        | 828                  | 34.11                                | 8.45                                 |
| July 1, 1878, to July 1, 1879      | 615        | 184        | 133                 | 0                     | 0                        | 104    | 0                | 8       | 714                                   | 186      | 0        | 1,143                | 29.91                                | 8.22                                 |
| July 1, 1879, to July 1, 1880      | 572        | 189        | 163                 | 0                     | 0                        | 91     | 0                | 4       | 839                                   | 125      | 0        | 1,248                | 31.29                                | 7.08                                 |
| July 1, 1880, to July 1, 1881      | 563        | 133        | 122                 | 0                     | 0                        | 124    | 0                | 2       | 1,021                                 | 182      | 0        | 1,402                | 23.62                                | 8.84                                 |
| July 1, 1881, to July 1, 1882      | 543        | 125        | 161                 | 0                     | 0                        | 107    | 0                | 0       | 1,172                                 | 151      | 0        | 1,564                | 23.02                                | 8.84                                 |
| July 1, 1882, to July 1, 1883      | 463        | 127        | 174                 | 0                     | 0                        | 112    | 0                | 3       | 1,219                                 | 47       | 0        | 1,635                | 27.43                                | 6.85                                 |
| July 1, 1883, to July 1, 1884      | 500        | 130        | 177                 | 0                     | 0                        | 90     | 0                | 3       | 1,319                                 | 100      | 0        | 1,719                | 26.00                                | 5.24                                 |
| July 1, 1884, to July 1, 1885      | 479        | 119        | 155                 | 0                     | 0                        | 110    | 0                | 5       | 1,409                                 | 90       | 0        | 1,798                | 24.84                                | 6.12                                 |
| July 1, 1885, to July 1, 1886      | 346        | 90         | 121                 | 0                     | 0                        | 113    | 0                | 6       | 1,436                                 | 27       | 0        | 1,755                | 23.12                                | 6.43                                 |
| July 1, 1886, to July 1, 1887      | 363        | 95         | 146                 | 0                     | 0                        | 98     | 0                | 6       | 1,454                                 | 18       | 0        | 1,798                | 26.17                                | 5.53                                 |
| July 1, 1887, to July 1, 1888      | 355        | 98         | 136                 | 0                     | 0                        | 117    | 0                | 11      | 1,469                                 | 15       | 0        | 1,823                | 24.22                                | 6.47                                 |
| July 1, 1888, to July 1, 1889      | 401        | 114        | 95                  | 0                     | 177                      | 138    | 3                | 0       | 1,349                                 | 0        | 120      | 1,873                | 28.17                                | 6.94                                 |
| July 1, 1889, to July 1, 1890      | 296        | 84         | 84                  | 0                     | 5                        | 103    | 0                | 3       | 1,344                                 | 0        | 5        | 1,645                | 33.81                                | 6.26                                 |
| July 1, 1890, to July 1, 1891      | 299        | 68         | 77                  | 1                     | 1                        | 100    | 3                | 7       | 1,406                                 | 62       | 0        | 1,646                | 34.75                                | 7.11                                 |
| July 1, 1891, to July 1, 1892      | 277        | 96         | 62                  | 1                     | 0                        | 109    | 7                | 7       | 1,414                                 | 8        | 0        | 1,690                | 34.65                                | 7.07                                 |
| July 1, 1892, to July 1, 1893      | 325        | 114        | 42                  | 3                     | 1                        | 130    | 4                | 8       | 1,445                                 | 31       | 0        | 1,743                | 35.00                                | 7.40                                 |
| July 1, 1893, to July 1, 1894      | 243        | 83         | 34                  | 0                     | 103                      | 131    | 2                | 2       | 1,335                                 | 0        | 110      | 1,680                | 34.57                                | 7.76                                 |
| July 1, 1894, to July 1, 1895      | 233        | 67         | 28                  | 2                     | 1                        | 115    | 2                | 1       | 1,353                                 | 18       | 0        | 1,570                | 28.75                                | 7.32                                 |
| July 1, 1895, to July 1, 1896      | 247        | 58         | 32                  | 3                     | 2                        | 97     | 8                | 14      | 1,404                                 | 51       | 0        | 1,604                | 27.48                                | 6.03                                 |
| July 1, 1896, to July 1, 1897      | 229        | 62         | 21                  | 2                     | 2                        | 116    | 9                | 5       | 1,454                                 | 30       | 0        | 1,642                | 23.07                                | 7.05                                 |
| July 1, 1897, to July 1, 1898      | 237        | 41         | 51                  | 4                     | 1                        | 103    | 11               | 16      | 1,466                                 | 32       | 0        | 1,682                | 17.30                                | 6.12                                 |
| Totals                             | 8,791      | 2,434      | 2,146               | 23                    | 291                      | 2,345  |                  |         |                                       |          |          | 34,526               |                                      |                                      |

The percentage of discharges to admissions, including those improved, who, in most instances, passed on to recovery, and those recovered, was 31.81.

## STATISTICAL TABLES FOR 1896-97.

## MOVEMENT OF PATIENTS

*From July 1, 1896, to June 30, 1897.*

|  | Males | Females | Total |
|--|-------|---------|-------|
| Number of patients July 1, 1896            | 795   | 609     | 1,404 |
| Number received during year                | 144   | 85      | 229   |
| Number returned escapes                    | 9     | 0       | 9     |
| Number under care and treatment            | 948   | 694     | 1,642 |
| Number discharged recovered                | 35    | 27      | 62    |
| Number discharged improved                 | 10    | 9       | 19    |
| Number discharged unimproved               | 1     | 1       | 2     |
| Number discharged not insane               | 2     | 0       | 2     |
| Number discharged—transferred to           | 1     | 1       | 2     |
| Number died                                | 71    | 45      | 116   |
| Number eloped                              | 5     | 0       | 5     |
| Discharged, died, and eloped               | 125   | 0       | 208   |
| Number of patients remaining June 30, 1897 | 823   | 611     | 1,434 |

TABLE No. 1.

*Counties from which 229 Patients were Admitted from July 1, 1896, to June 30, 1897.*

| Counties.    | Males | Females | Total | Counties.     | Males | Females | Total |
|--------------|-------|---------|-------|---------------|-------|---------|-------|
| Alameda      | 8     | 9       | 17    | Plumas        | 3     | 0       | 3     |
| Amador       | 3     | 0       | 3     | Sacramento    | 0     | 3       | 3     |
| Butte        | 1     | 2       | 3     | San Francisco | 46    | 42      | 88    |
| Colusa       | 5     | 2       | 7     | Solano        | 8     | 6       | 14    |
| Contra Costa | 5     | 1       | 6     | Sonoma        | 4     | 2       | 6     |
| Del Norte    | 0     | 1       | 1     | Sutter        | 2     | 1       | 3     |
| Fresno       | 1     | 0       | 1     | Shasta        | 5     | 1       | 6     |
| Glenn        | 2     | 1       | 3     | Siskiyou      | 5     | 3       | 8     |
| Humboldt     | 11    | 2       | 13    | Tehama        | 3     | 1       | 4     |
| Inyo         | 0     | 0       | 0     | Trinity       | 1     | 0       | 1     |
| Lake         | 1     | 0       | 1     | Yolo          | 3     | 1       | 4     |
| Marin        | 0     | 1       | 1     | Yuba          | 0     | 1       | 1     |
| Napa         | 19    | 3       | 22    | Totals        | 144   | 85      | 229   |
| Nevada       | 7     | 2       | 9     |               |       |         |       |
| Placer       | 1     | 0       | 1     |               |       |         |       |

TABLE No. 2.

*Nativity of 229 Patients, Admitted from July 1, 1896, to June 30, 1897.*

| Nativity.             | Males | Females | Total | Nativity.                 | Males | Females | Total |
|-----------------------|-------|---------|-------|---------------------------|-------|---------|-------|
| <i>United States.</i> |       |         |       | <i>Foreign Countries.</i> |       |         |       |
| California            | 25    | 17      | 42    | Austria                   | 3     | 1       | 4     |
| Connecticut           | 1     | 1       | 2     | Bohemia                   | 0     | 1       | 1     |
| Illinois              | 2     | 1       | 3     | Canada                    | 2     | 0       | 2     |
| Indiana               | 3     | 3       | 6     | China                     | 4     | 0       | 4     |
| Iowa                  | 3     | 2       | 5     | Chile                     | 0     | 1       | 1     |
| Kentucky              | 1     | 1       | 2     | Denmark                   | 1     | 0       | 1     |
| Louisiana             | 1     | 0       | 1     | England                   | 5     | 3       | 8     |
| Maryland              | 1     | 0       | 1     | Finland                   | 1     | 1       | 2     |
| Maine                 | 2     | 2       | 4     | France                    | 1     | 3       | 4     |
| Missouri              | 5     | 0       | 5     | Germany                   | 15    | 17      | 32    |
| New York              | 8     | 3       | 11    | Ireland                   | 13    | 9       | 22    |
| New Jersey            | 1     | 0       | 1     | Italy                     | 4     | 0       | 4     |
| New Hampshire         | 1     | 0       | 1     | Japan                     | 2     | 0       | 2     |
| Nebraska              | 1     | 0       | 1     | Mexico                    | 0     | 1       | 1     |
| Ohio                  | 5     | 2       | 7     | Norway                    | 3     | 0       | 3     |
| Oregon                | 1     | 0       | 1     | Nova Scotia               | 1     | 0       | 1     |
| Pennsylvania          | 4     | 0       | 4     | Portugal                  | 1     | 0       | 1     |
| Tennessee             | 2     | 0       | 2     | Poland                    | 1     | 0       | 1     |
| United States         | 2     | 3       | 5     | Prussia                   | 2     | 0       | 2     |
| Virginia              | 1     | 0       | 1     | Prince Edward Island      | 1     | 0       | 1     |
| Vermont               | 1     | 1       | 2     | Russia                    | 1     | 0       | 1     |
| Wisconsin             | 2     | 2       | 4     | Sweden                    | 3     | 1       | 4     |
| Totals                | 73    | 38      | 111   | Switzerland               | 0     | 2       | 2     |
|                       |       |         |       | Scotland                  | 1     | 0       | 1     |
|                       |       |         |       | Wales                     | 1     | 0       | 1     |
|                       |       |         |       | Totals                    | 66    | 40      | 106   |
|                       |       |         |       | Unknown                   | 6     | 6       | 12    |

*Recapitulation.*

| Nativity.         | Males | Females | Total |
|-------------------|-------|---------|-------|
| United States     | 73    | 38      | 111   |
| Foreign Countries | 66    | 40      | 106   |
| Unknown           | 6     | 6       | 12    |
| Totals            | 145   | 84      | 229   |

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TABLE No. 3.

*The Ages of 229 Patients at the Time of their Admission into the Hospital, from July 1, 1896, to June 30, 1897.*

| Ages.                        | Males      | Females   | Total      |
|------------------------------|------------|-----------|------------|
| Between 10 and 20 years..... | 8          | 2         | 10         |
| Between 20 and 30 years..... | 34         | 19        | 53         |
| Between 30 and 40 years..... | 36         | 27        | 63         |
| Between 40 and 50 years..... | 30         | 17        | 47         |
| Between 50 and 60 years..... | 15         | 10        | 25         |
| Between 60 and 70 years..... | 9          | 4         | 13         |
| Between 70 and 80 years..... | 7          | 2         | 9          |
| Between 80 and 90 years..... | 3          | 1         | 4          |
| Unknown.....                 | 2          | 3         | 5          |
| <b>Totals</b> .....          | <b>144</b> | <b>85</b> | <b>229</b> |

TABLE No. 4.

*Civil Condition of 229 Patients, as Shown by Commitments, Admitted from July 1, 1896, to June 30, 1897.*

| Civil Condition.    | Males      | Females   | Total      |
|---------------------|------------|-----------|------------|
| Divorced.....       | 0          | 0         | 0          |
| Married.....        | 43         | 49        | 92         |
| Single.....         | 91         | 20        | 111        |
| Unknown.....        | 5          | 5         | 10         |
| Widows.....         | .....      | 11        | 11         |
| Widowers.....       | 5          | .....     | 5          |
| <b>Totals</b> ..... | <b>144</b> | <b>85</b> | <b>229</b> |

TABLE No. 5.

*Supposed Causes of Insanity in 229 Patients, as Stated in Commitments, Admitted from July 1, 1896, to June 30, 1897.*

| Supposed Causes.   | Males | Females | Total | Supposed Causes.  | Males | Females | Total |
|--|-------|---------|-------|---|-------|---------|-------|
| Alcohol  | 1     | 0       | 1     | Loss of work and lack of proper nourishment                   | 1     | 0       | 1     |
| Alcoholism   | 1     | 0       | 1     | Lues  | 1     | 1       | 2     |
| Alcoholic stimulants   | 1     | 0       | 1     | Masturbation  | 14    | 0       | 14    |
| Alcohol and family troubles  | 0     | 1       | 1     | Masturbation and connection with animals                      | 1     | 0       | 1     |
| Age and domestic trouble   | 0     | 1       | 1     | Menopause   | 0     | 1       | 1     |
| Blow on head   | 1     | 0       | 1     | Mental excitement and deprivation                             | 0     | 1       | 1     |
| Brooding over loss of arm and aneurism   | 1     | 0       | 1     | Masturbation and disappointment in business                   | 1     | 0       | 1     |
| Brooding over A. P. A.'s and Roman Catholics                                   | 1     | 0       | 1     | Masturbation and tobacco                                      | 1     | 0       | 1     |
| Business reverses  | 1     | 0       | 1     | Neurasthania  | 1     | 0       | 1     |
| Change of life   | 0     | 2       | 2     | Nervous shock caused by commitment of sister-in-law to asylum | 0     | 1       | 1     |
| Childbirth   | 0     | 1       | 1     | Nitroglycerine smoke  | 1     | 0       | 1     |
| Death of wife and children   | 1     | 0       | 1     | Organic disease of brain                                      | 6     | 0       | 6     |
| Desertion by wife  | 1     | 0       | 1     | Overwork  | 1     | 0       | 1     |
| Disappointment in love   | 1     | 1       | 2     | Overstudy   | 0     | 1       | 1     |
| Domestic trouble and ill-health  | 0     | 1       | 1     | Paretic dementia  | 1     | 0       | 1     |
| Dyspepsia  | 1     | 0       | 1     | Probably uterine disease                                      | 0     | 1       | 1     |
| Epilepsy   | 3     | 2       | 5     | Refusal of girl to marry him                                  | 1     | 0       | 1     |
| Epileptic fits   | 1     | 0       | 1     | Religion  | 1     | 1       | 2     |
| Excessive study, drink, sexual intercourse, and tobacco                        | 1     | 0       | 1     | Religious brooding  | 1     | 0       | 1     |
| Excessive use of alcohol and chloroform  | 1     | 0       | 1     | Religious fasting and excitement                              | 0     | 1       | 1     |
| Excessive use of opium   | 1     | 0       | 1     | Reverses in finances  | 0     | 1       | 1     |
| Exhaustion from rapid child-bearing  | 0     | 1       | 1     | Remorse of former dissipation                                 | 1     | 0       | 1     |
| Excessive use of alcoholic, worry over condition of wife and financial affairs | 1     | 0       | 1     | Secondary syphilis  | 1     | 0       | 1     |
| Fall from horse  | 1     | 0       | 1     | Shock caused by murder of husband                             | 0     | 1       | 1     |
| Family trouble   | 1     | 1       | 2     | Self-abuse  | 1     | 0       | 1     |
| Financial difficulties   | 1     | 0       | 1     | Stomach trouble   | 1     | 0       | 1     |
| Fracture of skull  | 1     | 0       | 1     | Spiritualism  | 0     | 3       | 3     |
| Fright   | 1     | 1       | 2     | Sudden death of sister and alcoholism                         | 1     | 0       | 1     |
| Grief at mother's death  | 0     | 1       | 1     | Typhoid fever   | 1     | 0       | 1     |
| Gunshot wound and fracture of vertebra   | 1     | 0       | 1     | Trouble   | 1     | 0       | 1     |
| Hereditv   | 5     | 1       | 6     | Unknown   | 71    | 54      | 125   |
| Hystero-eroto mania  | 0     | 51      | 51    | Worry over financial difficulties                             | 0     | 1       | 1     |
| Loss of money and organic brain lesion   | 1     | 0       | 1     | Worry over loss of children                                   | 0     | 1       | 1     |
| Loss of money  | 1     | 0       | 1     | Weak-minded, total depravity                                  | 1     | 0       | 1     |
| Loss of sleep and business worry   | 1     | 0       | 1     |   |       |         |       |
| Loss of child  | 0     | 1       | 1     | Totals  | 144   | 83      | 229   |

TABLE No. 6.

*The Class of Insanity of 229 Patients, as Stated in Commitments, Admitted from July 1, 1896, to June 30, 1897.*

| Class.                                | Males | Females | Total | Class.                        | Males | Females | Total |
|---------------------------------------|-------|---------|-------|-------------------------------|-------|---------|-------|
| Acute mania .....                     | 17    | 8       | 25    | Mania .....                   | 8     | 6       | 14    |
| Acute senile dementia .....           | 1     | 0       | 1     | Mania, acute .....            | 1     | 0       | 1     |
| Acute melancholia .....               | 3     | 1       | 4     | Monomania .....               | 4     | 3       | 7     |
| Chronic mania .....                   | 8     | 2       | 10    | Nymphomania .....             | 0     | 1       | 1     |
| Chronic monomania .....               | 1     | 0       | 1     | Paralysis of the insane ..... | 1     | 0       | 1     |
| Chronic dementia .....                | 1     | 0       | 1     | Paresis from senility .....   | 1     | 0       | 1     |
| Chronic melancholia .....             | 2     | 2       | 4     | Primary dementia .....        | 1     | 1       | 2     |
| Dementia .....                        | 5     | 1       | 6     | Puerperal mania .....         | 0     | 1       | 1     |
| Dementia, secondary .....             | 1     | 0       | 1     | Recurrent acute mania .....   | 0     | 1       | 1     |
| Delusional insanity .....             | 0     | 1       | 1     | Recurrent mania .....         | 7     | 4       | 11    |
| Epilepsy .....                        | 1     | 0       | 1     | Recurrent melancholia .....   | 1     | 2       | 3     |
| Epileptical mania .....               | 2     | 0       | 2     | Religious mania .....         | 0     | 1       | 1     |
| Hereditary mania .....                | 1     | 0       | 1     | Senile dementia .....         | 8     | 1       | 9     |
| Incipient mania .....                 | 0     | 1       | 1     | Sub-acute mania .....         | 1     | 1       | 2     |
| Lues cerebri .....                    | 1     | 0       | 1     | Secondary dementia .....      | 2     | 0       | 2     |
| Melancholia .....                     | 11    | 4       | 15    | Unknown .....                 | 52    | 43      | 95    |
| Melancholia, homicidal tendency ..... | 1     | 0       | 1     | Violent mania .....           | 1     | 0       | 1     |
| Melancholia, suicidal tendency .....  | 1     | 0       | 1     | Totals .....                  | 144   | 85      | 229   |

TABLE No. 7.

*Occupations of 229 Patients, as Stated in Commitments, Admitted from July 1, 1896, to June 30, 1897.*

| Occupations.              | Males | Females | Total | Occupations.              | Males | Females | Total |
|---------------------------|-------|---------|-------|---------------------------|-------|---------|-------|
| Attorney .....            | 1     | 0       | 1     | Miner .....               | 11    | 0       | 11    |
| Baker .....               | 3     | 0       | 3     | Mill superintendent ..... | 1     | 0       | 1     |
| Bookkeeper .....          | 5     | 0       | 5     | Millman .....             | 1     | 0       | 1     |
| Blacksmith .....          | 1     | 0       | 1     | Millhand .....            | 1     | 0       | 1     |
| Broom-peddler .....       | 1     | 0       | 1     | Musician .....            | 0     | 1       | 1     |
| Civil engineer .....      | 1     | 0       | 1     | None .....                | 8     | 24      | 32    |
| Carpenter .....           | 4     | 0       | 4     | Painter .....             | 3     | 0       | 3     |
| Clerk .....               | 3     | 0       | 3     | Physician .....           | 2     | 0       | 2     |
| Contractor .....          | 1     | 0       | 1     | Plumber .....             | 1     | 0       | 1     |
| Cook .....                | 1     | 2       | 3     | Rancher .....             | 3     | 0       | 3     |
| Collector .....           | 1     | 0       | 1     | Ranchhand .....           | 1     | 0       | 1     |
| Druggist .....            | 1     | 0       | 1     | Shepherd .....            | 1     | 0       | 1     |
| Domestic .....            | 0     | 3       | 3     | Sailor .....              | 2     | 0       | 2     |
| Farmer .....              | 11    | 0       | 11    | Student .....             | 1     | 0       | 1     |
| Fish-curer .....          | 1     | 0       | 1     | Stonecutter .....         | 1     | 0       | 1     |
| Gardener .....            | 2     | 0       | 2     | Salesman .....            | 1     | 0       | 1     |
| Grocer .....              | 1     | 0       | 1     | Seaman .....              | 1     | 0       | 1     |
| Grocery clerk .....       | 1     | 0       | 1     | Servant .....             | 0     | 4       | 4     |
| Horse-trainer .....       | 1     | 0       | 1     | Schoolteacher .....       | 1     | 0       | 1     |
| Laborer .....             | 45    | 0       | 45    | Teacher .....             | 1     | 0       | 1     |
| Housewife .....           | 0     | 40      | 40    | Teamster .....            | 1     | 0       | 1     |
| Laborer and miner .....   | 1     | 0       | 1     | Telegrapher .....         | 1     | 0       | 1     |
| Housekeeper .....         | 0     | 4       | 4     | Tramp .....               | 1     | 0       | 1     |
| Landlady .....            | 0     | 1       | 1     | Whipbraider .....         | 1     | 0       | 1     |
| Lodginghouse-keeper ..... | 0     | 1       | 1     | Woodman .....             | 1     | 0       | 1     |
| Longshoreman .....        | 0     | 1       | 1     | Wife .....                | 0     | 1       | 1     |
| Machinist .....           | 1     | 0       | 1     | Unknown .....             | 5     | 3       | 8     |
| Merchant .....            | 6     | 0       | 6     | Totals .....              | 144   | 85      | 229   |

TABLE No. 8.

*Causes of Death of 116 Patients, from July 1, 1896, to June 30, 1897.*

| Date, and Cause of Death.                           | Nativity.        | Age  | Males | Females |
|---|------------------|------|-------|---------|
| <b>1896.</b>  |                  |      |       |         |
| <b>July—</b>  |                  |      |       |         |
| Apoplexy  | Germany          | 59   |       | 1       |
| Apoplexy  | Ohio             | 81   | 1     |         |
| Exhaustion  | Germany          | 44   | 1     |         |
| Exhaustion  | Germany          | 57   | 1     |         |
| Exhaustion  | France           | 52   | 1     |         |
| Exhaustion  | South Carolina   | 60   | 1     |         |
| Exhaustion  | Ireland          | 52   | 1     |         |
| Exhaustion  | Ireland          | 52   | 1     |         |
| Organic disease of the brain                        | Ohio             | 34   |       | 1       |
| Pulmonary congestion                                | California       | 27   | 1     |         |
| Paralysis   | Dis. of Columbia | 69   |       | 1       |
| Heart disease                                       | Germany          | 51   | 1     |         |
| <b>August—</b>                                      |                  |      |       |         |
| Apoplexy  | Scotland         | 63   | 1     |         |
| Consumption   | Germany          | 31   |       | 1       |
| Organic disease of the brain, with exhaustion       | Germany          | 67   | 1     |         |
| Organic disease of the brain, with exhaustion       | Germany          | 56   | 1     |         |
| Exhaustion  | Ireland          | 44   |       | 1       |
| Heart disease                                       | Unknown          | Unk. | 1     |         |
| Dropsy  | United States    | 52   | 1     |         |
| <b>September—</b>                                   |                  |      |       |         |
| Senile exhaustion                                   | England          | 83   |       | 1       |
| Pulmonary congestion                                | England          | 46   | 1     |         |
| Epilepsy  | New York         | 44   |       | 1       |
| Exhaustion  | Ireland          | 60   |       | 1       |
| Organic disease of the brain                        | Massachusetts    | 67   |       | 1       |
| Cancer of the stomach                               | North Carolina   | 62   | 1     |         |
| <b>October—</b>                                     |                  |      |       |         |
| Organic disease of the brain                        | Pennsylvania     | 47   | 1     |         |
| Exhaustion  | Bohemia          | 55   |       | 1       |
| Organic disease of the brain                        | Maine            | 37   | 1     |         |
| Exhaustion  | New Hampshire    | 72   | 1     |         |
| Organic disease of the brain                        | Ireland          | 70   | 1     |         |
| Organic disease of the heart (aortic insufficiency) | Ireland          | 51   |       | 1       |
| Organic disease of the heart (mitral insufficiency) | Germany          | 68   | 1     |         |
| Organic disease of the brain, with exhaustion       | Ireland          | 73   |       | 1       |
| Consumption   | Portugal         | 65   |       | 1       |
| <b>November—</b>                                    |                  |      |       |         |
| Organic disease of the brain, with exhaustion       | New York         | 64   | 1     |         |
| Organic disease of the brain                        | Switzerland      | 56   | 1     |         |
| Organic disease of the brain                        | Germany          | 51   | 1     |         |
| Organic disease of the brain, with exhaustion       | Ireland          | 69   | 1     |         |
| Exhaustion  | Austria          | 58   | 1     |         |
| Heart disease                                       | Virginia         | 54   | 1     |         |
| Consumption   | California       | 42   | 1     |         |
| Organic disease of the brain, with exhaustion       | Germany          | 51   |       | 1       |
| <b>December—</b>                                    |                  |      |       |         |
| Organic disease of the brain, with exhaustion       | California       | 37   | 1     |         |
| Pulmonary congestion                                | New York         | 74   |       | 1       |
| Pulmonary congestion                                | Austria          | Unk. | 1     |         |
| Organic disease of the brain, with exhaustion       | Central America  | 37   |       | 1       |
| Organic disease of the brain, with exhaustion       | England          | 67   |       | 1       |
| Epilepsy  | Ireland          | 41   | 1     |         |
| Organic disease of the brain, with exhaustion       | Germany          | 61   | 1     |         |
| Dysentery   | California       | 32   | 1     |         |
| Epilepsy, with terminal dysentery                   | California       | 37   | 1     |         |
| Organic disease of the brain, with exhaustion       | Nevada           | 75   | 1     |         |
| <b>1897.</b>  |                  |      |       |         |
| <b>January—</b>                                     |                  |      |       |         |
| Heart failure                                       | Indiana          | 35   | 1     |         |
| Consumption   | New York         | 35   |       | 1       |
| Carcinoma   | France           | 66   |       | 1       |
| Epilepsy, with consumption                          | California       | 24   | 1     |         |

TABLE No. 8—Continued.

| Date, and Cause of Death.                              | Nativity.           | Age ..... | Males ..... | Females ..... |
|--|---------------------|-----------|-------------|---------------|
| Maniacal exhaustion .....                              | Illinois .....      | 60        | 1           | .....         |
| Heart failure .....                                    | California .....    | 37        | 1           | .....         |
| Organic disease of the brain, with exhaustion .....    | Prussia .....       | 71        | 1           | .....         |
| Organic disease of the brain, with epilepsy .....      | California .....    | 35        | 1           | .....         |
| Tuberculosis intestinum .....                          | Canada .....        | 30        | .....       | 1             |
| Maniacal exhaustion .....                              | Vermont .....       | 44        | 1           | .....         |
| Old age .....  | New York .....      | 81        | .....       | 1             |
| Organic disease of the brain .....                     | Kentucky .....      | 66        | 1           | .....         |
| Apoplexy .....   | England .....       | 66        | .....       | 1             |
| <b>February—</b>                                       |                     |           |             |               |
| Consumption .....                                      | Mexico .....        | 30        | 1           | .....         |
| Consumption .....                                      | California .....    | 31        | .....       | 1             |
| Dropsy .....   | Ireland .....       | 55        | 1           | .....         |
| Hemorrhage of the brain .....                          | Germany .....       | 58        | .....       | 1             |
| Consumption .....                                      | California .....    | 26        | 1           | .....         |
| <b>March—</b>  |                     |           |             |               |
| General paresis .....                                  | Ireland .....       | 47        | 1           | .....         |
| Exhaustion from old age .....                          | Ireland .....       | 74        | 1           | .....         |
| Cirrhosis of the liver .....                           | Japan .....         | 46        | 1           | .....         |
| Pneumonia .....  | Germany .....       | 34        | .....       | 1             |
| Heart disease .....                                    | Ireland .....       | 65        | .....       | 1             |
| Maniacal exhaustion .....                              | California .....    | 26        | 1           | .....         |
| Heart disease .....                                    | California .....    | 36        | 1           | .....         |
| Exhaustion .....                                       | Ireland .....       | 57        | .....       | 1             |
| Organic disease of the brain .....                     | .....               | 59        | .....       | 1             |
| Exhaustion .....                                       | Germany .....       | 36        | .....       | 1             |
| Consumption .....                                      | Missouri .....      | 33        | 1           | .....         |
| Heart disease .....                                    | Iowa .....          | 43        | 1           | .....         |
| Epilepsy .....   | Illinois .....      | 41        | .....       | 1             |
| Congestion of the lungs .....                          | Virginia .....      | 90        | .....       | 1             |
| Old age .....  | Ireland .....       | 80        | .....       | 1             |
| Debility .....   | Scotland .....      | 62        | 1           | .....         |
| Organic disease of the brain, with exhaustion .....    | New York .....      | 80        | 1           | .....         |
| Pneumonia .....  | Massachusetts ..... | 31        | .....       | 1             |
| Tuberculosis .....                                     | Pennsylvania .....  | 34        | 1           | .....         |
| Organic disease of the brain, with exhaustion .....    | Ireland .....       | 62        | 1           | .....         |
| Exhaustion .....                                       | Germany .....       | 34        | 1           | .....         |
| <b>April—</b>  |                     |           |             |               |
| Senility .....   | Indiana .....       | 84        | .....       | 1             |
| Organic disease of the brain, with exhaustion .....    | New York .....      | 29        | .....       | 1             |
| Organic disease of the brain .....                     | Germany .....       | 50        | 1           | .....         |
| Organic disease of the brain, with exhaustion .....    | Sweden .....        | 32        | .....       | 1             |
| Organic disease of the brain, with exhaustion .....    | Michigan .....      | 65        | .....       | 1             |
| Exhaustion .....                                       | England .....       | 45        | 1           | .....         |
| Organic disease of the brain, with exhaustion .....    | Ireland .....       | 70        | 1           | .....         |
| Consumption .....                                      | China .....         | 39        | 1           | .....         |
| Miliary tuberculosis .....                             | Germany .....       | 34        | 1           | .....         |
| Exhaustion .....                                       | California .....    | 33        | .....       | 1             |
| <b>May—</b>  |                     |           |             |               |
| Organic disease of the brain, with exhaustion .....    | New Hampshire ..... | 56        | .....       | 1             |
| Debility .....   | Michigan .....      | 49        | 1           | .....         |
| Consumption .....                                      | Sligo .....         | 39        | 1           | .....         |
| Debility .....   | Peru .....          | Unk.      | 1           | .....         |
| Dilation of the heart, with hypostatic pneumonia ..... | Ireland .....       | 59        | 1           | .....         |
| Organic disease of the brain .....                     | Italy .....         | 54        | 1           | .....         |
| Maniacal exhaustion .....                              | Luxemburg .....     | 45        | 1           | .....         |
| Organic disease of the brain, with exhaustion .....    | Hanover .....       | 70        | .....       | 1             |
| Tuberculosis .....                                     | California .....    | 42        | 1           | .....         |
| Epilepsy .....   | California .....    | 29        | .....       | 1             |
| <b>June—</b>   |                     |           |             |               |
| Consumption of the lungs .....                         | Pennsylvania .....  | 37        | .....       | 1             |
| Maniacal exhaustion .....                              | Chile .....         | 23        | 1           | .....         |
| Organic disease of the lungs .....                     | Germany .....       | 44        | .....       | 1             |
| Heart disease .....                                    | Ireland .....       | 62        | 1           | .....         |
| Organic disease of the brain .....                     | American .....      | 36        | 1           | .....         |
| <b>Totals .....</b>                                    |                     |           | <b>72</b>   | <b>44</b>     |

TABLE No. 9.

*Recapitulation of the Causes of Death of 116 Patients, from July 1, 1896, to June 30, 1897.*

| Causes of Death.  | Males..... | Females.. | Total..... |
|---|------------|-----------|------------|
| Apoplexy .....  | 2          | 2         | 4          |
| Cancer of the stomach .....                               | 1          | 0         | 1          |
| Carcinoma .....   | 0          | 1         | 1          |
| Congestion of the lungs .....                             | 1          | 2         | 3          |
| Consumption .....   | 5          | 4         | 9          |
| Consumption of the lungs .....                            | 0          | 1         | 1          |
| Cirrhosis of the liver .....                              | 1          | 0         | 1          |
| Debility .....  | 3          | 0         | 3          |
| Dilation of the heart, with hypostatic pneumonia .....    | 1          | 0         | 1          |
| Dropsy .....  | 2          | 0         | 2          |
| Dysentery .....   | 1          | 0         | 1          |
| Exhaustion .....  | 10         | 8         | 18         |
| Exhaustion from old age .....                             | 1          | 0         | 1          |
| Epilepsy .....  | 3          | 3         | 6          |
| Epilepsy, with consumption .....                          | 1          | 0         | 1          |
| Epilepsy, with terminal dysentery .....                   | 1          | 0         | 1          |
| Heart disease .....                                       | 6          | 1         | 7          |
| Hemorrhage of the brain .....                             | 0          | 1         | 1          |
| Heart failure .....                                       | 2          | 0         | 2          |
| General paresis .....                                     | 1          | 0         | 1          |
| Maniacal exhaustion .....                                 | 4          | 1         | 5          |
| Miliary tuberculosis .....                                | 1          | 0         | 1          |
| Organic disease of the heart (aortic insufficiency) ..... | 0          | 1         | 1          |
| Organic disease of the brain .....                        | 7          | 3         | 10         |
| Organic disease of the brain, with exhaustion .....       | 10         | 9         | 19         |
| Organic disease of the heart (mitral insufficiency) ..... | 1          | 0         | 1          |
| Organic disease of the brain, with epilepsy .....         | 1          | 0         | 1          |
| Old age .....   | 0          | 2         | 2          |
| Organic disease of the lungs .....                        | 0          | 1         | 1          |
| Paralysis .....   | 0          | 1         | 1          |
| Pneumonia .....   | 0          | 2         | 2          |
| Pulmonary congestion .....                                | 3          | 1         | 4          |
| Senile exhaustion .....                                   | 0          | 1         | 1          |
| Senility .....  | 1          | 0         | 1          |
| Tuberculosis intestinorum .....                           | 0          | 1         | 1          |
| Tuberculosis .....  | 2          | 0         | 2          |
| Totals .....  | 72         | 44        | 116        |

TABLE No. 10.

*Number of Articles Made in Sewing-Room (Female Department), from July 1, 1896, to July 1, 1897.*

| Articles.                       | No. | Articles.                    | No. |
|---------------------------------|-----|------------------------------|-----|
| Aprons, white .....             | 499 | Pillowslips, white .....     | 849 |
| Aprons, check .....             | 840 | Pillowslips, check .....     | 204 |
| Bibs .....                      | 24  | Pillowslips for coffin ..... | 79  |
| Bed napkins .....               | 91  | Skirts, Amoskeag .....       | 12  |
| Bluing bags .....               | 3   | Shrouds .....                | 121 |
| Camisoles .....                 | 6   | Sheet shams .....            | 134 |
| Coffee bags .....               | 5   | Sheets, white .....          | 327 |
| Canton flannel undervests ..... | 490 | Sheets, unbleached .....     | 897 |
| Chemise .....                   | 530 | Sunbonnets .....             | 260 |
| Dresses .....                   | 436 | Spreads, hemmed .....        | 15  |
| Dress sleeves (pairs) .....     | 41  | Tablecloths, linen .....     | 139 |
| Drawers (pairs) .....           | 425 | Underwaists .....            | 24  |
| Flannel petticoats .....        | 531 | Waterproof capes .....       | 36  |
| Nightgowns .....                | 124 | Waists, Amoskeag .....       | 12  |
| Nightgown sleeves (pairs) ..... | 9   | Waists, denim .....          | 4   |
| Napkins, hemmed .....           | 42  |                              |     |

TABLE No. 10½.

*List of Goods Turned Out of Tailor Shop from July 1, 1896, to July 1, 1897.*

| Articles.              | No.   | Articles.                | No.   |
|------------------------|-------|--------------------------|-------|
| Coats .....            | 842   | Roller towels .....      | 588   |
| Vests .....            | 197   | Suspenders (pairs) ..... | 348   |
| Pants .....            | 1,074 | Sham sheets .....        | 78    |
| Overshirts .....       | 1,818 | Camisoles .....          | 83    |
| Undershirts .....      | 972   | Combination suits .....  | 15    |
| Drawers .....          | 1,170 | Overcoats .....          |       |
| Overalls .....         | 293   | Pantry aprons .....      | 120   |
| Jumpers .....          | 93    | Carpenter aprons .....   | 6     |
| Bedticks .....         | 199   | Patients' sheets .....   | 1,398 |
| Sheets .....           | 138   | Slips, white .....       | 357   |
| Barber aprons .....    | 12    | Slips, colored .....     | 668   |
| Canvas skirts .....    | 8     | Wristlets (pairs) .....  | 16    |
| Shrouds .....          | 59    | Hats .....               | 5     |
| Camisole strings ..... | 36    | Horse blankets .....     | 2     |
| Bath towels .....      | 278   |                          |       |

STEWARD'S DEPARTMENT.

TABLE No. 11.

*Amount of Articles Purchased and Consumed, and Other Expenses, for the Fiscal Year Ending June 30, 1897.*

| Articles.                    | Value.     | Articles.                           | Value.       |
|------------------------------|------------|-------------------------------------|--------------|
| Flour .....                  | \$9,179 37 | Spoons and cutlery .....            | \$92 79      |
| Meat .....                   | 15,661 05  | Carpet and matting .....            | 759 82       |
| Sugar .....                  | 3,475 26   | Grain and feed .....                | 1,440 83     |
| Tea .....                    | 1,222 29   | Garden tools and seed .....         | 65 10        |
| Syrup .....                  | 750 01     | Lumber .....                        | 1,396 90     |
| Potatoes .....               | 2,032 13   | Building material and repairs ..... | 720 12       |
| Butter .....                 | 9,672 47   | Brooms and brushes .....            | 418 65       |
| Coffee .....                 | 3,051 19   | Books and stationery .....          | 207 45       |
| Lard .....                   | 2 85       | Gas .....                           | 1,876 49     |
| Fish .....                   | 1,020 84   | Fuel .....                          | 10,607 03    |
| Poultry and eggs .....       | 2,370 29   | Paints, oil, and glass .....        | 1,050 93     |
| Beans .....                  | 136 10     | Castings and iron pipe .....        | 577 46       |
| Cracked wheat and rice ..... | 727 00     | Payroll .....                       | 94,356 30    |
| Corn and oat meal .....      | 354 30     | Trustees' salary .....              | 887 70       |
| Fruit .....                  | 402 63     | Freight and expressage .....        | 564 88       |
| Salt .....                   | 139 68     | Telegraphing and telephone .....    | 173 60       |
| Vinegar .....                | 104 86     | Cumberland coal .....               | 85 85        |
| Groceries .....              | 1,678 47   | Advertising .....                   | 149 50       |
| Soap .....                   | 52 25      | Water filter .....                  | 54 00        |
| Drugs .....                  | 1,598 74   | Steel coal car .....                | 49 00        |
| Liquor and ale .....         | 265 49     | Fruit trees .....                   | 9 00         |
| Tobacco .....                | 805 08     | Surgical instruments .....          | 96 10        |
| Dry goods .....              | 7,261 50   | Anhydrous ammonia .....             | 8 00         |
| Clothing and hats .....      | 721 60     | Sponges .....                       | 34 92        |
| Shoes and leather .....      | 2,206 58   | Miscellaneous .....                 | 2,545 54     |
| Blankets .....               | 1,050 54   |                                     |              |
| Furniture and crockery ..... | 771 99     | Total .....                         | \$187,102 13 |
| Hardware and tinware .....   | 2,161 61   |                                     |              |

TABLE No. 12.

*Showing the Cost of the Different Departments for the Fiscal Year Ending June 30, 1897.*

| Departments.                         | Cost.       | Departments.              | Cost.        |
|--------------------------------------|-------------|---------------------------|--------------|
| Kitchen and dining-rooms.....        | \$42,344 68 | Building and repairs..... | \$4,631 81   |
| Male department.....                 | 5,097 90    | Blacksmith shop.....      | 255 26       |
| Female department.....               | 2,016 45    | Tin shop.....             | 277 63       |
| Grounds.....                         | 81 76       | Drug store.....           | 1,932 11     |
| Tailor shop.....                     | 3,622 18    | Fuel.....                 | 10,607 03    |
| Spencer Creek ranch.....             | 141 70      | Gas.....                  | 1,876 49     |
| Center building.....                 | 1,488 00    | Office.....               | 951 83       |
| Laundry.....                         | 356 47      | Payroll.....              | 94,356 30    |
| Bakery.....                          | 9,287 92    | Trustees' salaries.....   | 887 70       |
| Farm, garden, dairy, and stable..... | 2,284 42    | Advertising.....          | 149 60       |
| Coombs' ranch.....                   | 151 86      | Miscellaneous.....        | 908 18       |
| Sewing-room.....                     | 3,144 90    |                           |              |
| Engine-room.....                     | 192 12      | Total.....                | \$187,102 13 |
| Night watch.....                     | 67 93       |                           |              |

TABLE No. 13.

*Averages for the Fiscal Year Ending June 30, 1897.*

| Months.             | Average No. of Patients Daily. | Average Daily Expenses. | Average Cost Per Capita Per Day. | Average Cost Per Capita Per Month. |
|---------------------|--------------------------------|-------------------------|----------------------------------|------------------------------------|
| 1896—July.....      | 1,406                          | \$484 50                | \$0 34.4                         | \$10 67                            |
| August.....         | 1,408                          | 458 81                  | 32.6                             | 10 11                              |
| September.....      | 1,415                          | 492 80                  | 34.8                             | 10 44                              |
| October.....        | 1,414                          | 479 51                  | 33.9                             | 10 51                              |
| November.....       | 1,417                          | 533 82                  | 37.7                             | 11 31                              |
| December.....       | 1,428                          | 527 32                  | 36.9                             | 11 44                              |
| 1897—January.....   | 1,424                          | 539 76                  | 37.8                             | 11 72                              |
| February.....       | 1,427                          | 570 99                  | 40                               | 11 20                              |
| March.....          | 1,425                          | 515 75                  | 36.2                             | 11 22                              |
| April.....          | 1,417                          | 519 73                  | 36.7                             | 11 01                              |
| May.....            | 1,427                          | 515 45                  | 36.1                             | 11 19                              |
| June.....           | 1,432                          | 520 00                  | 35.1                             | 10 53                              |
| Yearly average..... | 1,420                          | \$513 20                | \$0 36.5                         | \$10 946                           |

TABLE No. 14.

*Products of the Farm, Garden, and Dairy, for the Fiscal Year Ending June 30, 1897.*

|             |                                 | Estimated Value. |
|-------------|---------------------------------|------------------|
| 13,760      | lbs. apples, at 1c.             | \$137 60         |
| 12,105      | lbs. apricots, at ¾c.           | 90 79            |
| 30          | lbs. asparagus, at 5c.          | 1 50             |
| 14,695      | lbs. beets, at ½c.              | 73 47            |
| 8,965       | lbs. beans (string), at 2c.     | 179 30           |
| 145,403     | lbs. carrots, at 1c.            | 1,454 03         |
| 119,118     | lbs. cabbage, at 1c.            | 1,191 18         |
| 3,965       | lbs. cucumbers, at ½c.          | 18 13            |
| 7,501       | lbs. celery, at 2c.             | 150 02           |
| 510         | lbs. cauliflower, at 2c.        | 10 20            |
| 12,000      | lbs. cherries, at 3c.           | 360 00           |
| 197         | sk. charcoal, at 40c.           | 78 80            |
| 1,066       | doz. corn (green), at 12½c.     | 133 25           |
| 22½         | doz. chickens, at \$4           | 88 67            |
| 1½          | doz. ducks, at \$4              | 7 00             |
| 4,472½      | doz. eggs, at 20½c.             | 916 91           |
| 1           | doz. geese, at \$7 50.          | 7 50             |
| 7,460       | lbs. grapes, at 1c.             | 74 60            |
| 217½        | tons hay, at \$10               | 2,175 00         |
| 12,320      | lbs. lettuce, at 1c.            | 123 20           |
| 3,559       | lbs. lard, at 5c.               | 177 95           |
| 51,276      | gals. milk, at 12½c.            | 7,034 50         |
| 74,485      | lbs. onions, at 1c.             | 744 85           |
| 53          | lbs. okra, at 2c.               | 1 06             |
| 29,041      | lbs. pears, at 1c.              | 290 41           |
| 129         | lbs. peppers (green), at 1c.    | 1 29             |
| 33,157      | lbs. parsnips, at 1c.           | 331 57           |
| 21,630      | lbs. pumpkins at ½c.            | 108 15           |
| 12,390      | lbs. peaches, at 1c.            | 123 90           |
| 9,960       | lbs. prunes, at 1½c.            | 149 40           |
| 5,321       | lbs. peas (green), at 2c.       | 106 42           |
| 14          | lbs. rhubarb, at 2c.            | 28               |
| 2,154       | lbs. radishes, at 1c.           | 21 54            |
| 1,827       | lbs. raspberries, at 3c.        | 54 81            |
| 4,692       | lbs. squash, at ½c.             | 23 46            |
| 1½          | doz. squabs, at \$1.            | 1 25             |
| 39,679      | lbs. tomatoes, at 1c.           | 396 79           |
| 4,390       | lbs. turnips, at 1c.            | 43 90            |
| 7           | doz. turkeys (70 lbs.), at 10c. | 7 00             |
| 90          | lbs. water cress, at 1c.        | 90               |
| 3,892       | lbs. beef (6 cattle), at \$5 14 | 200 05           |
| 18,757      | lbs. pork (106 hogs), at 5c.    | 937 85           |
| 4,290       | lbs. veal (48 calves), at 6c.   | 257 40           |
| Total ..... |                                 | \$18,285 88      |

## STATISTICAL TABLES FOR 1897-98.

## MOVEMENT OF PATIENTS

From July 1, 1897, to June 30, 1898.

|   | Males | Females | Total |
|---|-------|---------|-------|
| Number of patients July 1, 1897         | 823   | 611     | 1,434 |
| Number admitted during year             | 129   | 108     | 237   |
| Number returned escapes                 | 10    | 1       | 11    |
| Number under care and treatment         | 962   | 720     | 1,682 |
| Number discharged recovered             | 26    | 15      | 41    |
| Number discharged improved              | 14    | 23      | 37    |
| Number discharged illegally committed   | 3     | 6       | 9     |
| Number discharged unimproved            | 1     | 2       | 3     |
| Number discharged not insane            | 3     | 1       | 4     |
| Number (to correct)                     |       | 2       | 2     |
| Number transferred to other asylums     | 1     |         | 1     |
| Number died                             | 57    | 46      | 103   |
| Number eloped                           | 15    | 1       | 16    |
| Number discharged, died, and eloped     | 120   | 96      | 216   |
| Number patients remaining June 30, 1898 | 842   | 624     | 1,466 |

TABLE No. 1.

Counties from which 237 Patients were Admitted from July 1, 1897, to June 30, 1898.

| Counties.    | Males | Females | Total | Counties.     | Males | Females | Total |
|--------------|-------|---------|-------|---------------|-------|---------|-------|
| Alameda      | 6     | 12      | 18    | Sacramento    | 0     | 3       | 3     |
| Butte        | 5     | 2       | 7     | San Francisco | 47    | 60      | 107   |
| Colusa       | 2     | 0       | 2     | Shasta        | 11    | 2       | 13    |
| Contra Costa | 3     | 1       | 4     | Siskiyou      | 2     | 1       | 3     |
| Del Norte    | 1     | 0       | 1     | Solano        | 8     | 6       | 14    |
| Glenn        | 1     | 0       | 1     | Sonoma        | 3     | 3       | 6     |
| Humboldt     | 6     | 2       | 8     | Stanislaus    | 1     | 0       | 1     |
| Kern         | 1     | 2       | 3     | Sutter        | 2     | 0       | 2     |
| Lassen       | 1     | 0       | 1     | Tehama        | 1     | 1       | 2     |
| Marin        | 1     | 0       | 1     | Trinity       | 3     | 0       | 3     |
| Modoc        | 1     | 0       | 1     | Yolo          | 4     | 3       | 7     |
| Mono         | 1     | 0       | 1     | Yuba          | 0     | 1       | 1     |
| Napa         | 16    | 4       | 20    |               |       |         |       |
| Nevada       | 1     | 5       | 6     | Totals        | 129   | 108     | 237   |
| Plumas       | 1     | 0       | 1     |               |       |         |       |

TABLE No. 2.

Nativity of 237 Patients, Admitted from July 1, 1897, to June 30, 1898.

| Nativity.                  | Males. | Females. | Total. | Nativity.                 | Males. | Females. | Total. |
|----------------------------|--------|----------|--------|---------------------------|--------|----------|--------|
| <i>United States.</i>      |        |          |        | <i>Foreign Countries.</i> |        |          |        |
| California .....           | 19     | 21       | 40     | Australia .....           | 0      | 1        | 1      |
| Connecticut .....          | 1      | 0        | 1      | Austria .....             | 3      | 1        | 4      |
| District of Columbia ..... | 0      | 1        | 1      | Azores Islands .....      | 1      | 0        | 1      |
| Illinois .....             | 3      | 1        | 4      | Canada .....              | 1      | 3        | 4      |
| Indiana .....              | 2      | 1        | 3      | Central America .....     | 1      | 0        | 1      |
| Iowa .....                 | 4      | 5        | 9      | China .....               | 2      | 0        | 2      |
| Kansas .....               | 1      | 0        | 1      | Denmark .....             | 2      | 0        | 2      |
| Kentucky .....             | 2      | 1        | 3      | England .....             | 4      | 4        | 8      |
| Louisiana .....            | 0      | 1        | 1      | Finland .....             | 3      | 0        | 3      |
| Maine .....                | 4      | 2        | 6      | France .....              | 3      | 3        | 6      |
| Massachusetts .....        | 1      | 3        | 4      | Germany .....             | 7      | 9        | 16     |
| Michigan .....             | 2      | 0        | 2      | Hungary .....             | 1      | 0        | 1      |
| Minnesota .....            | 0      | 1        | 1      | Italy .....               | 4      | 2        | 6      |
| Missouri .....             | 6      | 0        | 6      | Ireland .....             | 9      | 16       | 25     |
| Maryland .....             | 0      | 1        | 1      | New Brunswick .....       | 1      | 0        | 1      |
| New Jersey .....           | 2      | 1        | 3      | Norway .....              | 1      | 2        | 3      |
| Montana .....              | 0      | 1        | 1      | Poland .....              | 0      | 1        | 1      |
| New York .....             | 10     | 6        | 16     | Portugal .....            | 2      | 2        | 4      |
| Nevada .....               | 1      | 0        | 1      | Prussia .....             | 0      | 1        | 1      |
| Ohio .....                 | 0      | 1        | 1      | Scotland .....            | 1      | 0        | 1      |
| Oregon .....               | 1      | 1        | 2      | South America .....       | 1      | 2        | 3      |
| Pennsylvania .....         | 2      | 1        | 3      | Sweden .....              | 1      | 7        | 8      |
| Tennessee .....            | 1      | 0        | 1      | Switzerland .....         | 2      | 0        | 2      |
| United States .....        | 6      | 4        | 10     | Wales .....               | 2      | 0        | 2      |
| Virginia .....             | 3      | 0        | 3      | Western Islands .....     | 1      | 0        | 1      |
| Wisconsin .....            | 2      | 0        | 2      |                           |        |          |        |
| Totals .....               | 73     | 53       | 126    | Totals .....              | 53     | 54       | 107    |
|                            |        |          |        | Unknown .....             | 3      | 1        | 4      |

Recapitulation.

| Nativity.               | Males. | Females. | Total. |
|-------------------------|--------|----------|--------|
| United States .....     | 73     | 53       | 126    |
| Foreign Countries ..... | 53     | 54       | 107    |
| Unknown .....           | 3      | 1        | 4      |
| Totals .....            | 129    | 108      | 237    |

TABLE No. 3.

*The Ages of 237 Patients at the Time of their Admission, from July 17, 1897, to June 30, 1898.*

| Ages.                         | Males      | Females    | Total      |
|-------------------------------|------------|------------|------------|
| Between 10 and 20 years.....  | 2          | 1          | 3          |
| Between 20 and 30 years.....  | 24         | 24         | 48         |
| Between 30 and 40 years.....  | 31         | 29         | 60         |
| Between 40 and 50 years.....  | 31         | 23         | 54         |
| Between 50 and 60 years.....  | 16         | 16         | 32         |
| Between 60 and 70 years.....  | 15         | 7          | 22         |
| Between 70 and 80 years.....  | 8          | 8          | 16         |
| Between 80 and 90 years.....  | 1          | 0          | 1          |
| Between 90 and 100 years..... | 0          | 0          | 0          |
| Unknown.....                  | 1          | 0          | 1          |
| <b>Totals</b> .....           | <b>129</b> | <b>108</b> | <b>237</b> |

TABLE No. 4.

*Civil Condition of 237 Patients, as Shown by Commitments, Admitted from July 1, 1897, to June 30, 1898.*

| Civil Condition.    | Males      | Females    | Total      |
|---------------------|------------|------------|------------|
| Divorced.....       | 2          | 1          | 3          |
| Married.....        | 39         | 48         | 87         |
| Single.....         | 66         | 36         | 102        |
| Unknown.....        | 14         | 5          | 19         |
| Widows.....         |            | 18         | 18         |
| Widowers.....       | 8          |            | 8          |
| <b>Totals</b> ..... | <b>129</b> | <b>108</b> | <b>237</b> |

TABLE No. 5.

*Supposed Causes of Insanity in 237 Patients, as Stated in Commitments, Admitted from July 1, 1897, to June 30, 1898.*

| Supposed Causes.                               | Males | Females | Total | Supposed Causes.                                  | Males | Females | Total |
|--|-------|---------|-------|---|-------|---------|-------|
| A fall two years ago.....                      | 1     | 0       | 1     | Intemperance .....                                | 1     | 1       | 2     |
| Age and physical weakness .....                | 0     | 1       | 1     | Improper nourishment and worry .....              | 1     | 0       | 1     |
| Alcoholism .....                               | 7     | 2       | 9     | Loss of property .....                            | 1     | 0       | 1     |
| Alcohol and tobacco.....                       | 1     | 0       | 1     | Loss of wife and property by fire .....           | 1     | 0       | 1     |
| Alcohol and fear.....                          | 1     | 0       | 1     | Malnutrition, fright and fall.....                | 0     | 1       | 1     |
| Anomia .....                                   | 0     | 1       | 1     | Masturbation .....                                | 11    | 0       | 11    |
| Antagonism by son .....                        | 1     | 0       | 1     | Marital trouble .....                             | 0     | 1       | 1     |
| Business trouble and dissipation .....         | 1     | 0       | 1     | Menopause .....                                   | 0     | 2       | 2     |
| Business matters .....                         | 3     | 0       | 3     | Mental strain for want of assistance by family .. | 0     | 1       | 1     |
| Business and family trouble .....              | 1     | 0       | 1     | Nervous condition .....                           | 0     | 1       | 1     |
| Cerebral hemorrhage.....                       | 1     | 0       | 1     | Old age .....                                     | 1     | 0       | 1     |
| Climacteric .....                              | 0     | 3       | 3     | Ovarian trouble.....                              | 0     | 2       | 2     |
| Change of life .....                           | 0     | 11      | 11    | Overstudy .....                                   | 1     | 3       | 4     |
| Commencing brain disease .....                 | 1     | 0       | 1     | Pain and loss of sleep..                          | 1     | 0       | 1     |
| Debility and opium .....                       | 1     | 0       | 1     | Paresis .....                                     | 1     | 0       | 1     |
| Desertion by husband .....                     | 0     | 1       | 1     | Paralysis .....                                   | 0     | 1       | 1     |
| Despondency .....                              | 0     | 1       | 1     | Pregnancy .....                                   | 0     | 1       | 1     |
| Dissipation and manner of life .....           | 0     | 1       | 1     | Puerperal .....                                   | 0     | 5       | 5     |
| Epilepsy .....                                 | 4     | 0       | 4     | Religion .....                                    | 2     | 1       | 3     |
| Epileptic convulsions.....                     | 0     | 1       | 1     | Religion and financial..                          | 0     | 1       | 1     |
| Excessive drinking .....                       | 2     | 0       | 2     | Result of injury.....                             | 1     | 0       | 1     |
| Excessive use of opium and cocaine .....       | 1     | 0       | 1     | Result of typhoid fever.                          | 0     | 2       | 2     |
| Family trouble .....                           | 2     | 3       | 5     | Religion and Christian Science .....              | 0     | 1       | 1     |
| Family history and liquor .....                | 1     | 0       | 1     | Senile dementia .....                             | 1     | 0       | 1     |
| Fall on head .....                             | 0     | 1       | 1     | Sickness .....                                    | 2     | 0       | 2     |
| Family care and overwork .....                 | 0     | 1       | 1     | Softening of the brain..                          | 2     | 0       | 2     |
| Father and mother died suddenly .....          | 0     | 1       | 1     | Spiritualism and probably heredity .....          | 0     | 1       | 1     |
| Fever .....                                    | 0     | 1       | 1     | Spiritualism .....                                | 0     | 1       | 1     |
| Financial losses .....                         | 3     | 0       | 3     | Study of Christian Science and Spiritualism.      | 0     | 1       | 1     |
| Followed childbirth .....                      | 0     | 2       | 2     | Sunstroke .....                                   | 2     | 0       | 2     |
| General paresis .....                          | 1     | 0       | 1     | Supposed bad habits.....                          | 1     | 0       | 1     |
| General progressive paralysis .....            | 0     | 1       | 1     | Syphilis .....                                    | 2     | 0       | 2     |
| General debility and hereditary tendency ..... | 0     | 1       | 1     | Trouble over money matters .....                  | 1     | 0       | 1     |
| Grief from loss of mother .....                | 0     | 1       | 1     | Typhoid fever.....                                | 1     | 0       | 1     |
| Heredity .....                                 | 7     | 10      | 17    | Uterine disease .....                             | 0     | 3       | 3     |
| Imaginary loss of property .....               | 1     | 0       | 1     | Unknown .....                                     | 48    | 32      | 80    |
| Injury on head .....                           | 5     | 1       | 6     | Worry over injury .....                           | 1     | 0       | 1     |
|  |       |         |       | Worry over loss of children .....                 | 0     | 1       | 1     |
|  |       |         |       | Totals.....                                       | 129   | 108     | 237   |

TABLE No. 6.

*The Class of Insanity of 237 Patients, as Stated in Commitments, Admitted from July 1, 1897, to June 30, 1898.*

| Class.                             | Males | Females | Total | Class.   | Males | Females | Total |
|------------------------------------|-------|---------|-------|--|-------|---------|-------|
| Acute mania                        | 18    | 14      | 32    | Melancholia from drinking                              | 1     | 0       | 1     |
| Acute recurrent mania              | 1     | 0       | 1     | Melancholia, with excitement                           | 0     | 1       | 1     |
| Acute melancholia                  | 2     | 0       | 2     | Mania, with homicidal tendency                         | 1     | 0       | 1     |
| Alcoholism                         | 2     | 0       | 2     | Mania, with hallucinations                             | 1     | 0       | 1     |
| Cerebral softening                 | 1     | 0       | 1     | Menopause  | 0     | 1       | 1     |
| Chronic mania                      | 6     | 5       | 11    | Nymphomania  | 0     | 1       | 1     |
| Chronic recurrent delusional mania | 1     | 0       | 1     | Paretic dementia                                       | 1     | 0       | 1     |
| Chronic melancholia                | 0     | 1       | 1     | Primary dementia                                       | 1     | 1       | 2     |
| Change of life                     | 0     | 2       | 2     | Primary insanity                                       | 0     | 1       | 1     |
| Dementia                           | 6     | 6       | 12    | Paranoia   | 1     | 5       | 6     |
| Delusional insanity                | 1     | 2       | 3     | Puerperal mania  | 0     | 2       | 2     |
| Delusional melancholia             | 1     | 0       | 1     | Recurrent mania  | 1     | 3       | 4     |
| Dementia incipiens                 | 1     | 0       | 1     | Recurrent mania, with hereditary basis                 | 0     | 1       | 1     |
| Dementia paralytica                | 0     | 1       | 1     | Religious mania  | 2     | 1       | 3     |
| Dementia (organic)                 | 1     | 0       | 1     | Religious mania, with delusions                        | 0     | 1       | 1     |
| Delusional mania                   | 2     | 0       | 2     | Religious monomania                                    | 0     | 1       | 1     |
| Epilepsy                           | 0     | 1       | 1     | Subacute mania   | 2     | 0       | 2     |
| Epileptic                          | 2     | 0       | 2     | Self-abuse   | 1     | 0       | 1     |
| Epileptic dementia                 | 1     | 0       | 1     | Softening  | 2     | 0       | 2     |
| Epilepsy and acute mania           | 2     | 0       | 2     | Softening of brain                                     | 0     | 1       | 1     |
| Epileptic mania                    | 2     | 0       | 2     | Senile decay caused by chronic alcoholism and exposure | 1     | 0       | 1     |
| Epileptic insanity                 | 1     | 0       | 1     | Senile dementia  | 1     | 2       | 3     |
| General paresis                    | 2     | 0       | 2     | Suicidal mania   | 2     | 2       | 4     |
| General paralysis                  | 1     | 0       | 1     | Suicidal mania with delusions                          | 1     | 0       | 1     |
| Hereditary insanity                | 0     | 1       | 1     | Syphilitic   | 1     | 0       | 1     |
| Hysteromania                       | 0     | 2       | 2     | Syphilitic paralysis                                   | 1     | 0       | 1     |
| Illusive insanity                  | 0     | 1       | 1     | Unknown  | 9     | 9       | 18    |
| Ideational insanity                | 1     | 0       | 1     |  |       |         |       |
| Mania                              | 15    | 11      | 26    | Totals   | 129   | 108     | 237   |
| Monomania                          | 5     | 3       | 8     |  |       |         |       |
| Meningitis                         | 0     | 1       | 1     |  |       |         |       |
| Melancholia                        | 18    | 24      | 42    |  |       |         |       |
| Melancholia with stupor            | 2     | 0       | 2     |  |       |         |       |
| Melancholia and dementia           | 1     | 0       | 1     |  |       |         |       |
| Mania from fear                    | 1     | 0       | 1     |  |       |         |       |
| Masturbation                       | 3     | 0       | 3     |  |       |         |       |

TABLE No. 7.

*Occupations of 237 Patients, as Stated in Commitments, Admitted from July 1, 1897, to June 30, 1898.*

| Occupations.        | Males | Females | Total | Occupations.           | Males | Females | Total |
|---------------------|-------|---------|-------|------------------------|-------|---------|-------|
| Artist              | 0     | 1       | 1     | None                   | 7     | 16      | 23    |
| Blacksmith          | 1     | 0       | 1     | Painter                | 4     | 0       | 4     |
| Boxmaker            | 0     | 1       | 1     | Packer                 | 1     | 0       | 1     |
| Bookkeeper          | 5     | 0       | 5     | Peddler                | 1     | 0       | 1     |
| Butcher             | 1     | 0       | 1     | Performer              | 1     | 0       | 1     |
| Carpenter and miner | 1     | 0       | 1     | Phrenologist           | 1     | 0       | 1     |
| Cabinetmaker        | 3     | 0       | 3     | Sawyer                 | 1     | 0       | 1     |
| Clerk               | 4     | 2       | 6     | Seafaring              | 1     | 0       | 1     |
| Cook                | 4     | 1       | 5     | Servant                | 0     | 4       | 4     |
| Domestic            | 0     | 9       | 9     | Student                | 1     | 1       | 2     |
| Electrician         | 1     | 0       | 1     | Smelter man            | 1     | 0       | 1     |
| Engineer            | 1     | 0       | 1     | Stonemason             | 2     | 0       | 2     |
| Farmer              | 10    | 0       | 10    | Stenographer           | 1     | 2       | 3     |
| Gardener            | 1     | 0       | 1     | Ship carpenter         | 1     | 0       | 1     |
| Health inspector    | 1     | 0       | 1     | Stockraiser            | 1     | 0       | 1     |
| Housewife           | 0     | 47      | 47    | Sea captain            | 2     | 0       | 2     |
| Housekeeper         | 0     | 6       | 6     | Seal-hunter            | 1     | 0       | 1     |
| Housemaid           | 0     | 2       | 2     | Storekeeper            | 1     | 0       | 1     |
| Hotelkeeper         | 1     | 0       | 1     | Shoemaker              | 1     | 0       | 1     |
| Insurance solicitor | 1     | 0       | 1     | Saloon business        | 1     | 0       | 1     |
| Jeweler             | 1     | 0       | 1     | Seamstress             | 0     | 2       | 2     |
| Journalist          | 1     | 0       | 1     | Schoolteacher          | 0     | 1       | 1     |
| Laborer             | 40    | 0       | 40    | Schoolgirl             | 0     | 1       | 1     |
| Laundry work        | 0     | 1       | 1     | Tanner                 | 1     | 0       | 1     |
| Lodginghouse-keeper | 0     | 1       | 1     | Tailor                 | 0     | 1       | 1     |
| Longshoreman        | 1     | 0       | 1     | Upholsterer            | 1     | 0       | 1     |
| Mechanic            | 1     | 0       | 1     | Unknown                | 3     | 8       | 11    |
| Medical student     | 1     | 0       | 1     | Vineyardist            | 1     | 0       | 1     |
| Miner               | 8     | 0       | 8     | Weigher smelting works | 1     | 0       | 1     |
| Moulder             | 1     | 0       | 1     | Well-borer             | 1     | 0       | 1     |
| Musician            | 2     | 0       | 2     |                        |       |         |       |
| Music teacher       | 0     | 1       | 1     | Totals                 | 129   | 108     | 237   |

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TABLE No. 8.

*Causes of Death of 103 Patients, from July 1, 1897, to June 30, 1898.*

| Date, and Cause of Death.                         | Nativity.               | Age | Males | Females |
|---|-------------------------|-----|-------|---------|
| <b>1897.</b>                                      |                         |     |       |         |
| <b>July—</b>                                      |                         |     |       |         |
| Consumption .....                                 | Ireland .....           | 43  |       | 1       |
| Consumption .....                                 | Germany .....           | 49  |       | 1       |
| Dysentery .....                                   | Ireland .....           | 46  | 1     |         |
| General paresis .....                             | Germany .....           | 56  | 1     |         |
| Maniacal exhaustion .....                         | Prince Edward Isl. .... | 46  | 1     |         |
| Organic disease of brain .....                    | Italy .....             | 34  | 1     |         |
| Organic disease of brain, with exhaustion .....   | Maine .....             | 61  | 1     |         |
| Organic disease of brain, with exhaustion .....   | Ireland .....           | 41  |       | 1       |
| Organic disease of brain, with exhaustion .....   | Germany .....           | 77  | 1     |         |
| <b>August—</b>                                    |                         |     |       |         |
| Consumption .....                                 | Azores Islands .....    | 27  | 1     |         |
| Diabetes mellitus .....                           | Germany .....           | 70  | 1     |         |
| Epilepsy .....                                    | California .....        | 24  | 1     |         |
| Epilepsy .....                                    | Ohio .....              | 61  |       | 1       |
| Exhaustion .....                                  | Germany .....           | 58  | 1     |         |
| Heart failure .....                               | Illinois .....          | 42  |       | 1       |
| Maniacal exhaustion .....                         | Germany .....           | 57  |       | 1       |
| Old age .....                                     | Ireland .....           | 84  | 1     |         |
| Pneumonia .....                                   | Ireland .....           | 59  |       | 1       |
| Suicide by hanging .....                          | Switzerland .....       | 68  |       | 1       |
| <b>September—</b>                                 |                         |     |       |         |
| Apoplexy .....                                    | England .....           | 47  |       | 1       |
| Apoplexy .....                                    | Germany .....           | 60  | 1     |         |
| Acute dysentery .....                             | United States .....     | 37  | 1     |         |
| Exhaustion .....                                  | Ireland .....           | 63  |       | 1       |
| Old age .....                                     | Germany .....           | 86  | 1     |         |
| Organic disease of brain, with exhaustion .....   | California .....        | 31  | 1     |         |
| Organic disease of brain, with exhaustion .....   | Norway .....            | 62  | 1     |         |
| <b>October—</b>                                   |                         |     |       |         |
| Consumption .....                                 | California .....        | 44  |       | 1       |
| Chronic tubercular abscesses .....                | Switzerland .....       | 49  |       | 1       |
| Diarrhea .....                                    | Iowa .....              | 31  | 1     |         |
| Exhaustion .....                                  | California .....        | 25  |       | 1       |
| Organic disease of brain, with exhaustion .....   | Maryland .....          | 53  | 1     |         |
| Senile exhaustion .....                           | Connecticut .....       | 85  | 1     |         |
| <b>November—</b>                                  |                         |     |       |         |
| Dysentery .....                                   | England .....           | 63  | 1     |         |
| Intestinal obstruction .....                      | New Brunswick .....     | 58  |       | 1       |
| Maniacal exhaustion .....                         | Louisiana .....         | 45  | 1     |         |
| Maniacal exhaustion .....                         | Mexico .....            | 67  | 1     |         |
| Old age .....                                     | New York .....          | 83  |       | 1       |
| Organic disease of brain .....                    | Ireland .....           | 51  |       | 1       |
| Paretic dementia .....                            | Indiana .....           | 40  | 1     |         |
| <b>December—</b>                                  |                         |     |       |         |
| Acute melancholia, with exhaustion .....          | Minnesota .....         | 41  |       | 1       |
| Consumption .....                                 | Ireland .....           | 36  |       | 1       |
| Dysentery .....                                   | Scandinavia .....       | 34  | 1     |         |
| Exhaustion .....                                  | Germany .....           | 55  | 1     |         |
| Exhaustion from epilepsy .....                    | Pennsylvania .....      | 41  |       | 1       |
| Maniacal exhaustion .....                         | Japan .....             | 41  | 1     |         |
| Maniacal exhaustion .....                         | Canada .....            | 43  | 1     |         |
| Maniacal exhaustion .....                         | Delaware .....          | 43  |       | 1       |
| Maniacal exhaustion .....                         | Maine .....             | 47  |       | 1       |
| Organic disease of brain, with tuberculosis ..... | Italy .....             | 44  | 1     |         |
| Suicide by hanging .....                          | Germany .....           | 50  | 1     |         |

TABLE No. 8—Continued.

| Date, and Cause of Death.                    | Nativity.      | Age  | Males     | Females   |
|--|----------------|------|-----------|-----------|
| <b>1898.</b>                                 |                |      |           |           |
| <b>January—</b>                              |                |      |           |           |
| Apoplexy                                     | England        | 75   | 1         |           |
| Epilepsy                                     | California     | 37   | 1         |           |
| Exhaustion                                   | California     | 30   | 1         |           |
| Fatty degeneration of the heart              | Ohio           | 61   | 1         |           |
| Heart disease                                | Norway         | 68   |           | 1         |
| Organic disease of brain, with exhaustion    | Sweden         | 42   |           | 1         |
| Organic disease of brain, with exhaustion    | Canada         | 48   | 1         |           |
| Organic disease of brain, with exhaustion    | Scotland       | 60   | 1         |           |
| Organic disease of brain, with exhaustion    | New York       | 67   | 1         |           |
| Organic disease of heart                     | Ireland        | 59   |           | 1         |
| Senile exhaustion                            | Ireland        | 84   |           | 1         |
| Senile exhaustion                            | Germany        | 46   |           | 1         |
| Suffocation from food impacted in throat     | Germany        | 43   |           | 1         |
| Tuberculosis                                 | China          | 44   | 1         |           |
| Tuberculosis                                 | Canada         | 30   | 1         |           |
| <b>February—</b>                             |                |      |           |           |
| Cerebral congestion caused by epileptic fits | Pennsylvania   | 50   | 1         |           |
| Heart disease                                | California     | 34   | 1         |           |
| Organic disease of brain, with exhaustion    | Virginia       | 63   | 1         |           |
| Organic disease of brain, with exhaustion    | Germany        | 41   |           | 1         |
| Organic disease of brain, with exhaustion    | Massachusetts  | 36   | 1         |           |
| Senile exhaustion                            | Ireland        | Unk. | 1         |           |
| Senile exhaustion                            | England        | 79   |           | 1         |
| Suffocation in an epileptic convulsion       | Nevada         | 24   | 1         |           |
| Tuberculosis                                 | California     | 23   | 1         |           |
| <b>March—</b>                                |                |      |           |           |
| Acute melancholia, with exhaustion           | Kentucky       | 49   | 1         |           |
| Consumption                                  | California     | 33   | 1         |           |
| Exhaustion                                   | California     | 38   |           | 1         |
| Exhaustion from syphilitic dementia          | Missouri       | 38   | 1         |           |
| Heart disease                                | Florida        | 52   | 1         |           |
| Maniacal exhaustion                          | Ireland        | 27   |           | 1         |
| Maniacal exhaustion                          | Maine          | 47   |           | 1         |
| Senile exhaustion                            | New Jersey     | 69   | 1         |           |
| Senile melancholia, with exhaustion          | Maine          | 75   |           | 1         |
| <b>April—</b>                                |                |      |           |           |
| Acute melancholia, with exhaustion           | Ireland        | 23   |           | 1         |
| Chronic nephritis                            | Ireland        | 59   | 1         |           |
| Disease of the heart                         | Pennsylvania   | 44   |           | 1         |
| Exhaustion                                   | Vermont        | 57   |           | 1         |
| Exhaustion from cancer on face               | Ireland        | 56   |           | 1         |
| Organic disease of brain                     | Ireland        | 61   |           | 1         |
| Organic disease of brain                     | South Carolina | 58   | 1         |           |
| Organic disease of brain, with exhaustion    | United States  | 63   |           | 1         |
| Organic disease of brain, with exhaustion    | Ohio           | 63   | 1         |           |
| Senile exhaustion                            | Portugal       | 76   |           | 1         |
| Senile dementia, with exhaustion             | New York       | 71   |           | 1         |
| <b>May—</b>                                  |                |      |           |           |
| Consumption                                  | Slavonia       | 32   | 1         |           |
| Cirrhosis of the liver                       | New York       | 70   |           | 1         |
| Epilepsy, with exhaustion                    | Norway         | 40   | 1         |           |
| Heart disease                                | Germany        | 62   |           | 1         |
| Heart disease                                | Ohio           | 54   |           | 1         |
| Organic disease of brain, with exhaustion    | Germany        | 46   |           | 1         |
| <b>June—</b>                                 |                |      |           |           |
| Consumption                                  | Canada         | 42   |           | 1         |
| Exhaustion                                   | Kentucky       | 42   | 1         |           |
| Shock, from fractured leg                    | Nova Scotia    | 43   | 1         |           |
| <b>Totals</b>                                |                |      | <b>57</b> | <b>46</b> |

TABLE No. 9.

*Recapitulation of the Causes of Death of 103 Patients, from July 1, 1897,  
to June 30, 1898.*

| Causes of Death.                             | Males | Females | Total |
|--|-------|---------|-------|
| Acute dysentery                              | 1     |         | 1     |
| Acute melancholia, with exhaustion           | 1     | 2       | 3     |
| Apoplexy                                     | 2     | 1       | 3     |
| Cerebral congestion caused by epileptic fits | 1     |         | 1     |
| Chronic nephritis                            | 1     |         | 1     |
| Chronic tubercular abscesses                 |       | 1       | 1     |
| Cirrhosis of the liver                       |       | 1       | 1     |
| Consumption                                  | 3     | 5       | 8     |
| Diabetes mellitus                            | 1     |         | 1     |
| Disease of the heart                         |       | 1       | 1     |
| Diarrhoea                                    | 1     |         | 1     |
| Dysentery                                    | 3     |         | 3     |
| Epilepsy                                     | 2     | 1       | 3     |
| Epilepsy, with exhaustion                    | 1     |         | 1     |
| Exhaustion                                   | 4     | 4       | 8     |
| Exhaustion from epilepsy                     |       | 1       | 1     |
| Exhaustion from syphilitic dementia          | 1     |         | 1     |
| Exhaustion from cancer on face               |       | 1       | 1     |
| Fatty degeneration of the heart              | 1     |         | 1     |
| General paresis                              | 1     |         | 1     |
| Heart failure                                |       | 1       | 1     |
| Heart disease                                | 2     | 3       | 5     |
| Intestinal obstruction                       |       | 1       | 1     |
| Maniacal exhaustion                          | 5     | 5       | 10    |
| Old age                                      | 2     | 1       | 3     |
| Organic disease of brain                     | 2     | 2       | 4     |
| Organic disease of brain, with exhaustion    | 11    | 5       | 16    |
| Organic disease of brain, with tuberculosis  | 1     |         | 1     |
| Organic disease of heart                     |       | 1       | 1     |
| Pneumonia                                    |       | 1       | 1     |
| Paretic dementia                             | 1     |         | 1     |
| Senile dementia, with exhaustion             |       | 1       | 1     |
| Senile exhaustion                            | 3     | 4       | 7     |
| Senile melancholia, with exhaustion          |       | 1       | 1     |
| Shock (from fractured leg)                   | 1     |         | 1     |
| Suffocation from food impacted in throat     |       | 1       | 1     |
| Suffocation in an epileptic convulsion       | 1     |         | 1     |
| Suicide by hanging                           | 1     | 1       | 2     |
| Tuberculosis                                 | 3     |         | 3     |
| Totals                                       | 57    | 46      | 103   |

TABLE No. 10.

Showing the Number of Articles Made in Sewing-Room (Female Department), from July 1, 1897, to June 30, 1898.

| Articles.                       | No. | Articles.                   | No.   |
|---------------------------------|-----|-----------------------------|-------|
| Aprons .....                    | 951 | Flannel skirts .....        | 407   |
| Basques .....                   | 31  | Linen tablecloths .....     | 81    |
| Bath-towels .....               | 294 | Nightgowns .....            | 71    |
| Bed napkins .....               | 42  | Pillowslips, check .....    | 156   |
| Bags, bluing .....              | 4   | Pillowslips, white .....    | 508   |
| Bags, coffee .....              | 2   | Pillowslips, coffin .....   | 54    |
| Bags, clothespin .....          | 12  | Sunbonnets .....            | 332   |
| Chemises .....                  | 321 | Sheets, white .....         | 246   |
| Corset covers .....             | 9   | Sheets, utica .....         | 666   |
| Canton flannel undervests ..... | 458 | Sheets, ironing .....       | 48    |
| Camisoles .....                 | 5   | Shrouds .....               | 83    |
| Capes, waterproof .....         | 46  | Sheet shams .....           | 54    |
| Dresses .....                   | 337 | Table napkins, hemmed ..... | 84    |
| Dress skirts .....              | 14  | Tray cloths .....           | 4     |
| Dress sleeves (pairs) .....     | 51  |                             |       |
| Drawers (pairs) .....           | 334 | Total .....                 | 5,760 |
| Dish-towels .....               | 54  |                             |       |

STEWARDS' DEPARTMENT.

TABLE No. 11.

Amount of Articles Purchased and Consumed, and Other Expenses, for the Fiscal Year Ending June 30, 1898.

| Articles.                        | Value.     | Articles.                       | Value.       |
|----------------------------------|------------|---------------------------------|--------------|
| Flour .....                      | \$8,860 20 | Brooms and brushes .....        | \$333 26     |
| Meat .....                       | 17,800 71  | Blankets .....                  | 816 87       |
| Sugar .....                      | 3,411 94   | Books and stationery .....      | 214 89       |
| Tea .....                        | 1,423 77   | Gas .....                       | 1,703 31     |
| Syrup .....                      | 1,321 90   | Fuel .....                      | 12,663 86    |
| Potatoes .....                   | 2,596 10   | Paints, oils, and glass .....   | 705 71       |
| Butter .....                     | 9,228 37   | Castings and iron pipe .....    | 822 07       |
| Chicory and coffee .....         | 3,129 03   | Miscellaneous .....             | 1,507 78     |
| Vegetables .....                 | 33 80      | Payroll .....                   | 92,591 09    |
| Fish .....                       | 811 95     | Returned escapes .....          | 135 30       |
| Poultry and eggs .....           | 1,965 27   | Discharged patients .....       | 104 50       |
| Beans .....                      | 195 54     | Trustees' salary .....          | 1,580 65     |
| Rice and cracked wheat .....     | 906 57     | Freight, express, postage ..... | 514 12       |
| Corn and oatmeal .....           | 357 61     | Scales .....                    | 44 75        |
| Fruit .....                      | 208 51     | Telegraphing, telephoning ..... | 216 15       |
| Salt .....                       | 116 68     | Exchange .....                  | 19 05        |
| Vinegar .....                    | 91 19      | Religious services .....        | 527 50       |
| Small groceries .....            | 1,901 10   | Buggy top .....                 | 17 50        |
| Soap .....                       | 55 52      | Buggy harness .....             | 71 50        |
| Hay and straw .....              | 836 17     | Drugs .....                     | 1,357 61     |
| Liquors and ale .....            | 240 60     | Labor .....                     | 1,383 90     |
| Tobacco .....                    | 1,214 64   | Camphor trees .....             | 6 00         |
| Clothing and hats .....          | 490 05     | Bedding .....                   | 19 50        |
| Dry goods .....                  | 4,202 43   | Boar .....                      | 15 00        |
| Shoes and leather .....          | 1,713 66   | Curled hair .....               | 200 05       |
| Furniture and crockery .....     | 229 73     | Cumberland coal .....           | 34 30        |
| Hardware and tinware .....       | 2,328 94   | French ranges .....             | 177 00       |
| Spoons and cutlery .....         | 44 71      | Traveling expenses .....        | 159 25       |
| Carpet and matting .....         | 620 33     | Coffee roaster .....            | 95 25        |
| Grain and feed .....             | 2,292 91   | Fruit trees .....               | 16 75        |
| Garden tools and seed .....      | 65 63      |                                 |              |
| Lumber .....                     | 1,371 87   | Total .....                     | \$188,617 64 |
| Building material, repairs ..... | 415 76     |                                 |              |

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TABLE No. 12.

*Showing the Cost of the Different Departments for the Fiscal Year Ending June 30, 1898.*

| Departments.  | Cost.       | Departments.               | Cost.        |
|---|-------------|----------------------------|--------------|
| Kitchen and dining-room .....                       | \$35,278 88 | Coombs' ranch .....        | \$378 56     |
| C. B. kitchen .....                                 | 9,777 82    | Sewing-room .....          | 1,901 22     |
| Attendants' dining-room .....                       | 6,320 85    | Engine-room .....          | 2,436 65     |
| Spencer Creek .....                                 | 523 11      | Night-watch .....          | 250 12       |
| Mattress shop .....                                 | 237 94      | Building and repairs ..... | 3,517 78     |
| Blacksmith shop .....                               | 359 93      | Tailor shop .....          | 1,738 02     |
| Tinsmith shop .....                                 | 280 74      | Drug store .....           | 1,537 60     |
| Fuel .....  | 12,663 86   | Gas .....                  | 1,703 31     |
| Returned escapes and dis-<br>charged patients ..... | 239 80      | Office .....               | 1,722 94     |
| Center building .....                               | 1,122 35    | Payroll .....              | 92,591 09    |
| Miscellaneous .....                                 | 940 42      | Trustees' salaries .....   | 1,580 65     |
| Laundry .....                                       | 262 01      | Grounds .....              | 89 58        |
| Bakery .....  | 7,978 96    | Total .....                | \$188,617 64 |
| Farm, garden, dairy, and stable .....               | 3,183 95    |                            |              |

TABLE No. 13.

*Averages for the Fiscal Year Ending June 30, 1898.*

| Months.            | Average No.<br>of Patients<br>Daily. | Average<br>Daily<br>Expenses. | Average Cost<br>per Capita<br>per Day. | Average Cost<br>per Capita<br>per Month. |
|--------------------|--------------------------------------|-------------------------------|--|--|
| 1897—July .....    | 1,431                                | \$445 43                      | \$0 31                                 | \$9 61                                   |
| August .....       | 1,436                                | 468 99                        | 32.7                                   | 10 14                                    |
| September .....    | 1,434                                | 506 48                        | 35.3                                   | 10 59                                    |
| October .....      | 1,433                                | 527 71                        | 36.8                                   | 10 31                                    |
| November .....     | 1,443                                | 531 78                        | 37.4                                   | 11 59                                    |
| December .....     | 1,443                                | 539 70                        | 37.4                                   | 11 59                                    |
| 1898—January ..... | 1,439                                | 514 15                        | 35.7                                   | 11 07                                    |
| February .....     | 1,443                                | 559 95                        | 38.8                                   | 10 86                                    |
| March .....        | 1,456                                | 536 94                        | 36.9                                   | 11 44                                    |
| April .....        | 1,459                                | 543 76                        | 37.3                                   | 11 19                                    |
| May .....          | 1,463                                | 501 43                        | 34.3                                   | 10 63                                    |
| June .....         | 1,467                                | 530 47                        | 36.2                                   | 10 86                                    |
| Averages .....     | 1,446                                | \$517 23                      | \$0 35.8                               | \$10 78                                  |

TABLE No. 14.

*Products of the Farm, Garden, and Dairy for the Fiscal Year Ending June 30, 1898.*

| Articles.  | Estimated Value. | Articles.                      | Estimated Value. |
|--|------------------|--------------------------------|------------------|
| 1,515 lbs. apricots .....                                  | \$9 87           | 18,255 lbs. beets .....        | \$96 27          |
| 5,235 lbs. beans (string) .....                            | 104 70           | 119,397 lbs. cabbage .....     | 1,164 99         |
| 13,094 lbs. beef .....                                     | 664 03           | 11,518 lbs. cucumbers .....    | 57 59            |
| 36 <sup>7</sup> / <sub>2</sub> doz. chickens .....         | 146 97           | 1,239 lbs. cauliflower .....   | 27 33            |
| 35,554 lbs. carrots .....                                  | 198 12           | 3,005 lbs. corn .....          | 22 54            |
| 10,804 lbs. cherries .....                                 | 351 99           | 6,250 doz. eggs .....          | 1,280 73         |
| 400 doz. corn (green) .....                                | 50 00            | 1,830 lbs. greens .....        | 9 15             |
| 263 lbs. figs .....  | 3 82             | 477,350 lbs. hay .....         | 3,818 80         |
| 28,171 lbs. grapes .....                                   | 281 71           | 43,048 gals. milk .....        | 5,380 99         |
| 6,468 lbs. lettuce .....                                   | 64 68            | 31,284 lbs. onions .....       | 312 50           |
| 2,083 lbs. nectarines .....                                | 20 83            | 12,838 lbs. prunes .....       | 192 57           |
| 5 <sup>1</sup> / <sub>2</sub> doz. bottles olive oil ..... | 55 00            | 10,917 lbs. peaches .....      | 109 17           |
| 7,123 lbs. prunes (dried) .....                            | 249 01           | 656 lbs. peppers (green) ..... | 8 56             |
| 9,339 lbs. plums .....                                     | 93 39            | 3,407 lbs. pears .....         | 34 07            |
| 99 lbs. parsley .....                                      | 99               | 14,597 lbs. pork .....         | 729 85           |
| 4,926 lbs. peas .....                                      | 94 52            | 1,094 lbs. raspberries .....   | 73 38            |
| 16,502 lbs. pumpkins .....                                 | 235 51           | 44,034 lbs. squash .....       | 220 16           |
| 2,454 lbs. radishes .....                                  | 24 54            | 44,779 lbs. tomatoes .....     | 447 79           |
| 856 lbs. spinach .....                                     | 6 38             | 60 lbs. turkeys .....          | 6 00             |
| 7,259 lbs. turnips .....                                   | 72 59            | 121 lbs. walnuts .....         | 10 89            |
| 4,959 lbs. veal .....                                      | 297 54           |                                |                  |
| 36,465 lbs. apples .....                                   | 364 64           | Total .....                    | \$17,392 16      |

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REPORT

OF THE

AGNEWS STATE HOSPITAL.

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8—1.



REPORT OF THE BOARD OF MANAGERS  
OF  
AGNEWS STATE HOSPITAL.

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*To the Honorable Members of the State Commission in Lunacy:*

GENTLEMEN: Since our report of November, 1897, the affairs at Agnews have gotten along smoothly, and as far as we could do, everything has been done in the interest and for the benefit of the unfortunates, and while you gentlemen have had monthly copies of the minutes, still we know that we should not comply with the law (Subdivision 7, Section 4, Article II, of the new State Lunacy Law), if we did not send you this report. But just as we were about to send you this, we got notice requiring us to send our regular biennial report to you also, instead of to His Excellency the Governor, as we have been accustomed to doing heretofore, hence we incorporate both reports in one.

*Invoice.*

|   |                        |
|---|------------------------|
| Cost of buildings.....  | \$623,195 81           |
| Cost of land (275 acres).....   | 55,000 00              |
| Cost of land (56 acres).....  | 7,108 00               |
| Cost of furniture of kitchen, laundry, bakery, and engine rooms ..... | 21,153 71              |
| Machinery and engine boilers.....                                     | 28,500 00              |
| Laundry machinery.....  | 2,075 00               |
| Carpenter shop and morgue.....  | 4,798 00               |
| Bathhouse .....   | 2,400 00               |
| Reservoir.....  | 2,472 00               |
| Cost of lighting plant, gas, and electricity .....                    | 22,122 62              |
| Cost of heating apparatus for hospital.....                           | 10,110 60              |
| Barns .....   | 2,500 00               |
| Tinting and staining.....   | 3,000 00               |
| Cost of hothouse and rooms devoted to flowers.....                    | 475 20                 |
| Cost of main well .....   | 4,000 00               |
| Cost of other wells.....  | from \$300 to 1,000 00 |

*Animals.*

|              |     |
|--------------|-----|
| Horses ..... | 16  |
| Cows .....   | 61  |
| Hogs .....   | 124 |

Bought 20 head of milch cows, costing \$1,050. Had 7 head killed by County Inspector.

*Land.*

|   | Acres.     |
|---|------------|
| Pasture.....                              | 220        |
| Flower garden and grounds.....            | 20         |
| Potatoes and beet land.....               | 27         |
| Vegetable garden.....                     | 27         |
| Orchard.....                              | 18         |
| Berry ground.....                         | 6          |
| Farm, buildings, yards, and cemetery..... | 18         |
| <b>Total</b> .....                        | <b>332</b> |

*Finances.*

|                    |                    |
|--------------------|--------------------|
| Support.....       | \$8,024 00         |
| Payroll.....       | 5,200 00           |
| <b>Total</b> ..... | <b>\$11,224 00</b> |

*Per Capita Cost.*

|  |          |
|--|----------|
| Cost per patient per month, for the last eight months..... | \$11 01  |
| Daily cost per capita in 1895.....                         | 38 cents |
| Daily cost per capita in 1896.....                         | 35 cents |
| Daily cost per capita in 1897.....                         | 37 cents |
| Daily cost per capita in 1898.....                         | 36 cents |

*Number of Patients.*

|   |       |
|---|-------|
| Average number of patients to ward.....           | 65    |
| Admissions during the year.....                   | 167   |
| Total number under treatment during the year..... | 1,070 |
| Total number discharged.....                      | 82    |
| Percentage of recoveries to admissions.....       | 29.34 |
| Percentage of recoveries to number treated.....   | 4.58  |
| Percentage of recoveries to total discharges..... | 59.75 |

*Expenses of Botler Room, 1896.*

|  |                 |
|--|-----------------|
| Coal, per ton.....                         | \$6 08          |
| Wood, per cord.....                        | 4 75            |
| Fuel (coal and wood).....                  | 8,310 60        |
| <b>Total expenses of engine-room</b> ..... | <b>8,819 57</b> |

*Cost of Principal Supplies Used at Hospital.*

|                                       |        |
|---------------------------------------|--------|
| Flour.....                            | \$4 29 |
| Potatoes.....                         | 88     |
| Meat.....                             | 07     |
| Beans..... Small White, \$2 10; Bayo, | 2 95   |
| Eggs.....                             | 21½    |
| Butter..... Pickled, 19c; Fresh,      | 22½    |
| Rice.....                             | 06     |
| Coffee.....                           | 18     |
| Tea.....                              | 30     |
| Sugar, granulated.....                | 05¾    |
| Sugar, Golden C.....                  | 05.22  |
| Wheat.....                            | 1 55   |
| Barley.....                           | 1 35   |
| Bran.....                             | 90     |
| Fish.....                             | 03½    |
| Codfish.....                          | 04½    |
| Salt.....                             | 9 40   |
| Bacon.....                            | 10½    |
| Ham.....                              | 10½    |
| Salt pork, 200-lb. barrel.....        | 16 50  |

|                       |       |
|-----------------------|-------|
| Dried fruits—         |       |
| Apples .....          | 05¼   |
| Apricots .....        | 09¼   |
| Currants .....        | 08    |
| Peaches .....         | 0817  |
| Raisins .....         | 05    |
| Prunes .....          | 05¼   |
| Plug tobacco .....    | 2984  |
| Smoking tobacco ..... | 43    |
| Soap, laundry .....   | 2 75  |
| Lumber .....          | 12 00 |
| Lumber, clear .....   | 22 00 |

*Gas.*

Cost of gas.....50c to 60c per 1000 cubic feet  
 One ton of coal equals 7000 cubic feet of gas, and leaves 1800 pounds of coke. One pound of coal evaporates 9 pounds of water.

*Appropriation.*

|                     |              |
|---------------------|--------------|
| Appropriation ..... | \$269,376 00 |
| Asked .....         | 269,370 00   |

*Monthly Expenditures.*

|   |             |
|---|-------------|
| Average monthly expenditures .....                                | \$10,414 64 |
| Average monthly expenditures of the administration building ..... | 50 00       |

Those who live in the administration building are: Medical director and family, first assistant physician and family, second assistant physician and family.

The percentage of goods that are non-contract is 30.

The percentage paid out for clothing is 4.2.

MINUTES OF BOARD.

*December, 1897.*—For the month of December, 1897, we had 915 patients under our treatment. We collected \$624 from pay-patients. On motion of Manager Hale, all the inmates and employés were supplied with a turkey dinner. We completed our new set of by-laws, and inaugurated some sanitary plumbing improvements. We also put in a large tract of rye grass. Increased the number of milch cows, and took about \$600 off the farm in produce. In December, Messrs. White, Upham, and Hale visited the hospital. Dr. Curnow visited the hospital on Christmas eve, and attended the entertainment of the patients and the Christmas tree. Mr. Hale and Mr. Gould visited the hospital.

*January, 1898.*—The number of patients on hand was 914. The amount of money collected from pay-patients was \$785. Ornamental shade trees were planted and steps were taken to improve the back yard with bitumen. Automatic sprinklers were put in, at the cost of \$4,000. A committee was appointed to purchase cows. The value of the products from the garden and dairy was \$466. The hospital was visited on the 12th by all the Board. On the 29th it was visited by Managers Hale, Gould, and Curnow.

*February, 1898.*—Patients on hand, 916. Produce from the garden and dairy amounted to \$526. Steps were taken to purchase additional

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milch cows. A motion was introduced by Manager Gould to purchase bureaus (chiffoniers) for the female attendant rooms. On motion of Manager Gould the Superintendent was instructed to make a report of the attendants' rooms. On a motion of Mr. White the Superintendent was instructed to take steps to kill the hogs and cure the hams and bacon; also the Secretary was instructed to notify the Commission in Lunacy that the Board desired an examination for the attendants and dairyman. Mr. White introduced a resolution allowing the doctors to have their horses kept, at \$10 per month. It was lost. Second-carpenter Berry was given a hearing at his request. Mr. Berry was suspended, and Dr. Stocking, who was acting Medical Superintendent, was sustained. On February 9th all were present. Dr. Curnow was at the hospital on the 20th. The Attorney-General was asked for an opinion as to who was qualified as examiners, and after the examination, who are considered eligible for positions.

*March, 1898.*—There was a special meeting on the 2d of March to hear charges preferred against Mr. Young, but as only two charges out of the ten were sustained, on motion the Board decided to retain Mr. Young. At the regular meeting there were in the hospital 913 patients. The value of products from the farm and garden amounted to \$416 75. The boilers were insured in the Hartford Company for \$12,000, including quarterly inspections; the premium was \$180. On motion of Mr. Gould, the Superintendent was instructed to purchase games and amusements for the patients. The construction committee recommended the building of two cottages for convalescents. Several acres were put out in blackberries and raspberries. Umbrella trees were planted. The regular meeting was on March 9th, and all members were present. Dr. Curnow visited the hospital on March 27th, Mr. White on March 8th and Dr. Curnow, Messrs. Hale and Gould on March 20th.

*April, 1898.*—During the month there were 916 patients in the hospital. There was from the pay-patients collected \$885. Several communications were received from the Commission in Lunacy. The Board received notice from the Senate Committee that they would visit the hospital on March 10th. The committee came. There were 1,650 feet of fire hose purchased. There was a discussion in regard to collecting money from the pay-patients due the hospital, but not collected. The Board was asked to nominate a man to act as attorney in such cases. The chairman of the construction committee reported that he had consulted an architect in regard to the proposed cottages. There were purchased games—baseball and lawn tennis. The physicians were allowed to keep their horses in the stable for \$10 per month. At the regular monthly meeting all members were present. The Board went through every ward and tested the fire-alarm. Mr. White visited on the 12th, Mr. Gould on the 23d.

*May, 1898.*—On May 10th a special meeting was held at the San José office. John F. Carrere was present and addressed the Board in regard to collecting money due to the State from deceased patients. On regular meeting being held, there was reported to be 912 patients in the hospital. The value of the garden and farm products amounted to \$728. The money collected from the pay-patients amounted to \$472 50. E. Myron Wolff was appointed by the chairman as guardian of the estates owing the hospital money. The plans and specifications for the hospital cottages were submitted. The grounds for the cottages were located. The grounds were laid out for the outdoor amusements, as baseball, tennis, and croquet. On motion of Mr. Gould, pictures were bought for the wards, carpets were ordered for the female wards, and long strips of carpet for the entire length of wards were ordered. The attendants' rooms were carpeted. On May 25th a special meeting was held and bids were opened for the contracts for the erection of cottages, which in the opinion of the Board were too high. On motion, the Board resolved to reject all bids and readvertise with the exception of brick. On motion of Mr. Gould, the gardener was instructed to place potted plants and flowers in the different wards.

*June, 1898.*—On June 14th a special meeting was held to open bids for the half-yearly supplies. The contracts were allowed to the lowest bidders. The regular meeting was held, and there were 922 patients reported to be in the hospital. The products of the farm and garden amounted to \$1,000. Additional milch cows were bought. The money collected from pay-patients amounted to \$625. On motion of Mr. Hale, a resolution was made that all employés leaving for the United States Army, their places would be held for them. On motion of Dr. Curnow, the Superintendent was instructed to take steps to see about fitting up an operating-room. On motion of Mr. Hale, it was resolved to extend the present organization of the Board another two years. On motion of Mr. White, the Medical Superintendent was instructed to prepare 200 copies of the by-laws. Also, an order was passed excluding all employés from the rooms of the doctor and secretary, unless on business. Managers Hale, White, and Curnow went to Sacramento to submit the plans of the cottages to the Commission in Lunacy.

*July, 1898.*—A regular meeting was held, and the bids were opened for the cottages. The contract was let to Frank Davis for \$15,500, exclusive of brick. There were 926 patients reported to be on hand. One-half mile of fence was made. The money collected from the farm and garden amounted to \$1,863. From pay-patients there was collected \$885. On July 26th a special meeting was held. There was an investigation by His Excellency Governor Budd, and the State Commission in Lunacy. The character and standing of some of the employés were investigated. On July 17th the hospital was visited by Messrs. Curnow,

Gould, and Hale. On July 24th, by Messrs. Curnow, Gould, and Hale. On July 26th a special meeting was held, and all were present. On July 27th a special meeting was held and all were present, and met with the Governor and Commission in Lunacy.

*August, 1898.*—The regular meeting was held, and the report showed that there were 932 patients in the hospital. From pay-patients there was received \$435. The products from the farm and garden amounted to \$650.

In making our biennial report, covering the two fiscal years from July 1, 1896, to July 1, 1898, we have to say, first, that we have endeavored to maintain the high standing of Agnews State Hospital, in the best manner possible, consistent with economy, and always with a view to make the money go as far as we could. This rule we have applied to the improvements made by us, as well as in the daily routine of the hospital; that is, in regard to food, drink, medical treatment, hygienic and sanitary surroundings, etc. This rule we have especially applied to the contingent fund, without which it is difficult for us to see how we could administer the affairs of the hospital in a business-like way, nor do we think that the taking of this fund out of the hands of the Managers could result in anything else than seriously hampering the good order and intelligent management of the institution. For example, during the last two fiscal years we have made use of that fund for the following beneficiary purposes: We have purchased 57 acres of fine No. 1 land and improved the same, at a cost of \$8,500. We have put in a new set of water pipes, at a cost of about \$3,000, and have also put in a "Grinnell automatic fire-extinguisher," at a cost of \$4,000, and bought a chemical engine at a cost of \$400. We have also expended \$2,500 for new furniture in the institution, and paid all expenses of administration. We are erecting two cottages for the care and treatment of convalescent and pay-patients, the cost of which, furnished, etc., will amount to over \$20,000.

All these, and a great many other things, have been done for the care and treatment of the inmates, or well-being and comfort of the same, and all paid for out of the contingent fund. In erecting the cottages above referred to, it must be remembered that the outlay is only temporary, as we expect, by charging a fair price to pay-patients, to get that sum back again in time.

Two years ago we urged an appropriation of \$20,000 for the sinking of a gas well, and after deliberating on the matter since then, we see no reason to change our opinion. The utility and economy of this measure would be plain to anybody who would go over the bills and contemplate the enormous amount of money paid out for fuel every year.

Our Superintendent and Medical Staff, as well as the officers and

employés in the institution, have each and every one done the best that he or she could. The report of various officers of the institution will accompany this report.

#### RECOMMENDATIONS.

We recommend, first, unless there is an absolute necessity, that the requisitions, reports, etc., of the hospital be simplified if possible, as under the present system our typewriting is enormous, as we have monthly reports, quarterly reports, semi-annual reports, and annual reports, which, in the very nature of the case, are simply repetitions, and make an immense amount of work for the Secretary, as well as for the Commission.

#### FINANCIAL.

Following the usual custom of figuring the cost per capita per day per patient, we have come to the conclusion that, having built two extra cottages for convalescents, we expect a large increase of pay-patients the first year, and more also for the second year. Our estimate, then, is as follows:

For the fiscal year ending June 30, 1899, is estimated to be 1,100 patients, and for the fiscal year ending June 30, 1900, 1,200 patients. Daily amount per capita per day per patient, 38 cents.

We shall need, the first year, \$152,570, and for the second year, \$166,440, or a total of \$319,010 for the two fiscal years ending June 30, 1900.

In basing our estimate on 38 cents per capita per day, we have only made due allowance for the ordinary fluctuation of market commodities, as well as calculating for a larger payroll, which, according to our estimate, should be at least \$6,000 per month.

J. R. CURNOW,  
Chairman,  
EDWARD WHITE,  
F. H. GOULD,  
ISAAC UPHAM,  
O. A. HALE,  
Board of Managers.

## MEDICAL SUPERINTENDENT'S REPORT.

*To the Honorable Board of Managers, Agnews State Hospital:*

GENTLEMEN: In compliance with the statutory provisions, I have the honor to submit to you the annual report of the operations, management, and condition of the hospital for the year ending June 30, 1898.

For the past year the per capita cost of maintaining the patients has been 36.3 cents, and for the fiscal year ending June 30, 1897, the per capita cost of maintaining the patients has been 37.6 cents.

The following table shows the movement of the population the last fiscal year:

|   | Males      | Females    | Total        |
|---|------------|------------|--------------|
| Patients remaining July 1, 1897.....                    | 531        | 369        | 900          |
| Patients admitted during year ending June 30, 1898..... | 116        | 92         | 208          |
| Returned escapes.....                                   | 1          | 0          | 1            |
| <b>Total number under treatment during year.....</b>    | <b>648</b> | <b>461</b> | <b>1,109</b> |
| Daily average population.....                           |            |            | 914          |
| Discharged during year as recovered.....                | 29         | 22         | 51           |
| Discharged as not recovered (improved).....             | 28         | 16         | 42           |
| Discharged as not insane.....                           | 0          | 0          | 0            |
| Died.....   | 42         | 37         | 79           |
| Number discharged during year.....                      | 59         | 39         | 98           |
| <b>Number remaining July 1, 1898.....</b>               | <b>541</b> | <b>385</b> | <b>926</b>   |

### DISCHARGES.

The table shows 51 patients were discharged as recovered, and friends have reported that nearly all of them have obtained employment. The larger percentage of patients who were cured were brought to the hospital for treatment soon after the symptoms of insanity developed; 84 came within one month, 51 within six months, and 20 within a year. Thirty-four came over a year after symptoms developed, and 19 are not given. This makes the total of 208. These figures emphasize the importance of early treatment.

### NUMBER UNDER TREATMENT.

The largest number of patients under treatment at one time was 926, and the number remaining at the end of the year was 926. The hospital has at all times been full, and considerable embarrassment has been experienced in making proper classifications. This has been

especially so in the care of acute cases, showing us the necessity of the cottage plan, with additional number of single rooms. The necessity of better accommodations for curable cases is the great desideratum of the modern hospitals for the insane.

PERCENTAGE OF RECOVERIES AND DEATHS.

The result of the hospital year, from a medical point of view, has been exceedingly satisfactory. The tables show that the percentage of recoveries when computed on the number of admissions, was lower than last year. The death rate was 7½ per cent on the average daily population.

EMPLOYMENT OF PATIENTS.

During the year the employment of patients with suitable occupation has been a feature of the hospital management. The result has been not only the accomplishment of a great deal of work, but also an inestimable benefit to the patients themselves in consequence of the exercise obtained while more or less active at work. To show the kinds of employment in the various departments during the twelve months ending June 30, 1898, the following table is submitted:

| Departments.        | Males      | Females    | Total      |
|---------------------|------------|------------|------------|
| Bakery              | 8          | 0          | 8          |
| Barber              | 3          | 0          | 3          |
| Engine room         | 4          | 0          | 4          |
| Carpenter           | 2          | 0          | 2          |
| Dining-rooms        | 50         | 40         | 90         |
| Dormitories         | 36         | 30         | 66         |
| Fancy work          | 0          | 25         | 25         |
| Kitchen             | 10         | 0          | 10         |
| Farm                | 35         | 0          | 35         |
| Garden (vegetable)  | 5          | 0          | 5          |
| Blacksmith          | 1          | 0          | 1          |
| Grounds and florist | 15         | 0          | 15         |
| Hall work           | 20         | 20         | 40         |
| Laundry             | 20         | 45         | 65         |
| Office and halls    | 10         | 12         | 22         |
| Painter             | 2          | 0          | 2          |
| Sewing-room         | 0          | 50         | 50         |
| Storeroom           | 2          | 0          | 2          |
| Shoemaker           | 1          | 0          | 1          |
| Stables             | 5          | 0          | 5          |
| Upholsterer         | 3          | 0          | 3          |
| <b>Totals</b>       | <b>232</b> | <b>222</b> | <b>454</b> |

TRAINING SCHOOL FOR NURSES.

With a view of raising the standard of the care of the patients and making a more efficient attendant, I introduced a course of lectures, consisting of the best and most modern methods for the care and treatment of the insane. These lectures embraced anatomy, physiology, hygiene, diet, administration of medicine, the use of restraint when

necessary, bandaging, use of catheter, hypodermic syringe, artificial feeding, and the sanitary condition of the wards. I found the instruction received from those lectures was of great assistance, not only to the old attendants, but also to those recently appointed. It has made them more thorough and proficient in their work, and the patients have received much better care and attention.

#### CARE AND TREATMENT OF THE INSANE.

The general treatment of the insane in the hospital during the past year has not differed materially from the methods of those who governed for several years past. Under the provisions of the new law a patient receives better care, as rooms are provided in each county hospital and not in the jail as formerly. A special attendant is in attendance until sent to one of the State hospitals for the insane. On arriving at the hospital, treatment begins immediately. The attendant is instructed to gain the patient's confidence, and on no account to deceive him. He is instructed to use force only when absolutely necessary, and to assure the patient that his stay in the hospital will benefit him, and that he will be returned to his home and friends as soon as he is well.

On arriving at the hospital he is carefully examined by one of the physicians, and the immediate indications for treatment are properly met. He is assigned to the ward best adapted for his care, bathed, and evidences of injuries, deformities, or scars are noted. Suitable food is ordered, and should the patient be feeble he is at once put to bed. The attendant or nurse in charge is instructed to attend to his special wants, and to allay any apprehension of fear that might agitate him, and to keep a close watch in case of homicidal or suicidal tendencies.

The following day the physician in charge of the ward makes a thorough physical examination of the patient, keeping a clinical record from day to-day, and if any acute condition exists requiring medicines, special bath, or electro-therapeutics it is immediately ordered. Should the patient be violent or excited, mild remedies, as a bowl of hot milk or a warm bath, are preferred to stronger hypnotics. The diet is regarded as of the highest importance. After the exciting stage has subsided, exercise and fresh air are of the greatest importance in the general régime of treatment, and to try to occupy the mind by some light work or employment, either on the farm, dairy, grounds, or in the kitchen, dining-room, sewing-room, or laundry department.

Sometimes, if a patient is very excitable or violent, it is necessary to use the protective sheet. I am not an advocate of restraint, according to the old methods. I consider it brutal and not to the best interests of the patient's recovery. Amusements are highly valued as remedial measures for the mind. As soon as a patient has regained sufficient nervous stability to enable him to exercise a fair degree of self-control,

they are granted the liberty of the grounds. This parole not only benefits the patients to whom it is granted, but stimulates others to make the effort to obtain similar privileges.

Such is the general outline, in brief, for the treatment of the insane. Experience has taught us that individualism treatment, as far as practicable, and the greatest degree of personal liberty consistent with safety, are the greatest principles which underlie a successful hospital administration.

#### AMUSEMENTS.

We have had a number of interesting dramatic and literary entertainments, several of them being furnished by the employés of the hospital, and several by ladies and gentlemen from San José and Santa Clara. There has been a weekly dance for the patients during the year, and they are always well attended. The orchestra supplying the music is composed of employés and patients of the hospital, under the management of Harry E. McCabe, who is the leader of the band, which furnishes admirable music.

We have games of different kinds in the wards, as cards, backgammon, authors, chess, checkers, lotto, lousia, pilgrim's progress, angling, and many others, which seem to amuse the patients. We also have outdoor games, and recently a very fine lawn-tennis court has been completed. Besides this, we have croquet, baseball, and bicycle riding. We are about to construct a hand-ball court, which will be fine exercise for the patients. On Christmas eve a Christmas tree was arranged for the patients, and each patient received for a present candy, popcorn, apples, oranges, and assorted nuts; besides, valuable presents in the way of clothing and toilet articles, which were sent by friends or relatives.

#### FARM.

There has been built since July 1, 1897, about two miles of fencing, and a flume a quarter of a mile in length has been made for irrigating purposes. Roads and avenues have been graveled, and irrigating ditches constructed and drain ditches dug, which not only add to the drainage of the farm, but which make the land more productive. All fences and outbuildings have been whitewashed. Several acres have been sowed to Italian rye grass, which has done nicely; twenty acres planted in sugar beets, fifteen acres in potatoes. We have also set out three hundred apple trees, and seventy-five prune trees, and have put out three acres of blackberries and three acres of raspberries. Sixty tons of hay was harvested.

#### VEGETABLE GARDEN.

There are twenty acres devoted to the cultivation of vegetables, and we have been able this year, for the first time, to raise an abundance of all varieties for the patients, as well as for the officers and employés.

## FRUIT.

We supplied the hospital with abundance of pears and apples, besides canning one thousand and thirty-two gallons of Bartlett pears. We soon will have canned about the same amount of tomatoes. In canning them, we use five-gallon tin cans. I find that quantity to be about the amount required for each ward per day.

## DAIRY.

The dairy barn has been thoroughly renovated, and the walls and stalls whitened and kept clean. During the month of July, 1897, the herd of cows and young cattle, numbering sixty-five head of cows and thirty-five head of young cattle, were inspected by Santa Clara County Health Officer Dr. Spencer, and there were found to be seven head of cows and one calf inoculated with tuberculosis. In every case the cows were ordered killed, and an autopsy held, which showed a tubercular deposit. We purchased twenty head of cows to make up the deficiency and to increase the output of milk. The cows purchased were all tested and found healthy and sound, therefore, we consider we have a healthy herd of cows, free from any tubercular taint.

The barn is kept clean and washed with antiseptics, and in this manner we expect to prevent contagious disease. I consider that we have as good a dairy as any hospital in the State. It is of vital importance to patients to have pure milk and plenty of it. The daily amount of milk received will average 135 gallons. The yearly amount is about 48,960 gallons.

## POULTRY.

We have been quite successful in raising chickens this year. We have increased the number from 200 to 1,100. We hatched about 300 of these with the incubator. We received on an average for the fiscal year ending June 30, 1898, 130 dozen eggs per month. I have selected many different breeds and some thoroughbreds. The care of the poultry is left entirely in the hands of a patient, who has been very successful.

## GROUNDS AND CONSERVATORY.

The grounds have been beautified by the setting out of choice shrubbery, ornamental trees, and various kinds of plants. Three hundred umbrella trees were planted around the front and one side of the farm. They are doing nicely, and will soon make a nice shade.

The yard adjunct to the conservatory has been enlarged more than one half, and a fine lath house built for the propagation of plants, etc. About one acre is planted in a choice variety of roses selected by our head gardener, Mr. W. Hamm. In the greenhouse we have plants not to be excelled in the State.

## UPHOLSTERING.

This appointment was made November 20, 1897. The following is the summary of the work completed by him, assisted by a patient:

|                                |     |
|--------------------------------|-----|
| Moss-hair beds made over.....  | 460 |
| Floss-hair beds made over..... | 231 |
| New hair mattresses.....       | 30  |
| New hair pillows.....          | 65  |
| Pillows renovated.....         | 313 |
| New window shades.....         | 100 |
| Window shades repaired.....    | 48  |
| Spring beds repaired.....      | 100 |
| Lounges repaired.....          | 2   |

The upholsterer sews all new ticks and repairs the old ones. The moss and hair are washed thoroughly in an antiseptic solution, and picked by hand to avoid breaking and tearing.

## BAKERY.

The department of bakery has been thoroughly overhauled. The walls have been kalsomined, and new trays have been made for the bread. The amount of baking done in this department will average each month as follows:

|                                |            |
|--------------------------------|------------|
| Number of loaves of bread..... | 17,500     |
| Number of pies.....            | 180        |
| Cake.....                      | 500 lbs.   |
| Gingerbread.....               | 1,150 lbs. |
| Biscuit.....                   | 235 lbs.   |
| Coffee cake.....               | 140 lbs.   |

## CARPENTER.

The carpenter, besides making the necessary repairs, has made three dozen tables, built a lath house for the florist, built two large pens and corrals for the hogs, and built a lawn-tennis court. He also put together one quarter of a mile of flume for irrigating, and prepared the foundations for the two cottages which are under construction for convalescent patients, and has made all the coffins used for the hospital.

## LIGHT.

We have placed 160 Welsbach burners in the hospital, and find they are giving much better and more satisfactory light. According to the engineer's report, we have saved by the use of these burners at least one third of the amount of gas formerly consumed.

## WARD FURNITURE.

There have been purchased for the wards 380 chairs, 566 yards of carpet, 22 chiffoniers and bureaus, also rugs, curtains, flowerstands and tables. The flowerstands and tables were made here. The wards are now in much better condition, as this furniture was badly needed for the comfort of the patients and for the appearance of the wards.

## IMPROVEMENTS.

During the past year a great many improvements have been made. In the administration building the rooms and halls, and also the amusement hall walls, have been tinted and the woodwork painted.

## ENGINEER'S DEPARTMENT.

Some improvements have been made in the engineer's department. A new iron tank, twenty-four inches by fourteen feet, to receive condensed water for boilers, was purchased at a cost of \$100; also, four Meyers' automatic boiler-cleaners, at a cost of \$500. There is an excess of magnesia in the water coming from the artesian wells, and it was found necessary to provide cleaners in order to preserve the pipes.

## LAUNDRY DEPARTMENT.

In the laundry department we have enlarged the yard for drying clothes to about twice its former size, and put up new lines, etc. We also laid a car track, on which cars run, to carry the clothes to and from the laundry building, instead of dragging baskets through the yard. A new mangle of an improved pattern was purchased, at a cost of \$380, and is doing good work. The amount of washing done will average 38,000 pieces per month.

## FIRE PROTECTION.

A new water main of six-inch iron pipe was purchased and put down. The old one, which was destroyed by the action of the alkali, was of thin iron and burst at the first trial, therefore we had not the proper protection against fire. The cost of the pipe and laying the same amounted to \$2,800. We also purchased the automatic sprinklers for the attics, which are an excellent protection against fire. The cost was \$4,000. Another additional protection against fire was the purchase of a Racine chemical engine, for ward use. It is so built that it can pass through any ordinary sized door; it is light, and can be handled by one person. The cost was \$400. In addition to the above protection, we have the rooms of each ward supplied with hand fire-extinguishers, or buckets filled with chemical solution.

In testing the old hose on the reels in the wards and halls, we found the rubber was decayed and the hose leaky and unreliable, and in case of fire would be useless. Sixteen hundred and fifty feet of new hose was immediately purchased and placed on the reels.

I have organized a regular fire company, and we have fire practice every Monday at 1 P. M. In these drills the company goes through the regular maneuvers of fighting a fire.

I can safely say that we are as thoroughly equipped for fighting fires as any State hospital in California.

MAINTENANCE.

For maintenance and repairs for the fiscal year ending June 30, 1899, based upon the estimate to be 1,100 patients, and for the fiscal year ending June 30, 1900, 1,200 patients. The amount asked per capita per day is 38 cents.

We will require for the first fiscal year, ending June 30, 1899, \$152,570, and for the second year, ending June 30, 1900, \$166,440, or a total amount of \$319,010 for the two fiscal years. This estimate is based upon the supposition that the contingent fund remains the same as it is now. Should this fund, however, be transferred to the support fund, we would then require 40 cents for each patient per day, figuring on the same number of patients:

RECOMMENDATIONS.

I will submit to you, gentlemen, for your consideration, the importance of appropriations needed and required for the best interests and economy of the Agnews State Hospital:

|  |                 |
|--|-----------------|
| For the sinking of a gas well.....   | \$20,000        |
| For a storage battery system for lighting the wards and administration building with electricity.....  | 5,000           |
| For new plumbing (sanitary) for the entire buildings, and for new porcelain bathtubs.....  | 5,000           |
| For modern methods of heating the wards.....   | 10,000          |
| For furnishings and furniture for the wards and new cottages, also ornamental trees, shrubbery and plants for gardens around the new cottages..... | 5,000           |
| For conducting religious services, and amusements for the patients..   | 1,000           |
| <b>Total appropriations asked.....</b>   | <b>\$46,000</b> |

*Gas Well.*—In asking for the \$20,000 for sinking a gas well, the first consideration is the economy to the taxpayer. It is a well-established fact that 2 cents per capita for each patient per day can be saved by the use of natural gas. At Stockton State Hospital this has been proven beyond a doubt. Experts report favorably on this location for a gas well. Natural gas can be utilized for cooking, light, heating the wards, attendants' rooms, and the administration building. It is a permanent improvement.

*Storage Battery System.*—The \$5,000 asked for a storage battery system I consider equally as important for economy. We will be able to store the electricity during the day with our present motor power without additional cost.

*Plumbing the Hospital.*—The plumbing within the hospital is old, the pipes are within the walls, and it is not sanitary. It is impossible to repair them without much damage to the walls; \$5,000 will be a sufficient amount to put in sanitary plumbing.

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*Heating and Ventilation.*—The present system of heating the wards is very expensive, and not satisfactory. We should have an improved method, consisting of hot-air pipes, with a system of fans. This system would not only heat the wards to the proper temperature during the cold weather, but can be used during the summer months for cooling and purifying the atmosphere of the wards by eliminating the vitiated atmosphere. The amount required for perfecting this system is \$10,000.

*New Furniture and Garden Shrubbery.*—The wards and the new cottages necessitate the purchase of furniture and furnishings.

The grounds should also be beautified with walks, ornamental shade trees, etc. I estimate \$5,000 will be sufficient, if economy is used, in selecting what is absolutely needed.

*Religious Services and Amusements.*—Religious services and amusements are essential and beneficial to the patients, both mentally and physically. I think the small amount of \$1,000 appropriated as a special fund for their benefit will be highly appreciated.

#### ACKNOWLEDGMENTS.

I desire to express our thanks to Rev. H. B. Heacock, Rev. J. R. Prior, Rev. T. B. Hopkins, Rev. Wm. Augwin, Rev. J. R. Compton, Rev. T. H. Lawson, Rev. W. T. Mayne, Rev. H. J. Bland, Rev. C. P. Jones, Rev. H. H. Slavens, Father Raggio, and others for the religious services and interest manifested in the spiritual well-being of the patients. Their instructions have had a good influence with the patients, and are highly appreciated by them.

We are under many obligations to the publishers of newspapers, who by their contributions have added greatly to the pleasure of the patients. Many of our inmates have enjoyed the daily papers, monthly magazines, and also books from the library. The following publications have been gratuitously sent to the hospital for the pleasure of the patients: San José Mercury, Staats Zeitung, Daily Herald, Gilroy Gazette, Oakland Daily Tribune, San Francisco Daily Bulletin, Deutsch Zeitung, Visalia Delta, Weekly Petaluma Argus, Vallejo Chronicle, Watsonville Transcript, Napa Register, Lake County Avalanche, Breeder and Sportsman, Los Angeles Evening Express, San Francisco Evening Post, Los Angeles Daily Times, San José Evening News. We have also had many magazines contributed.

In conclusion, I will say I have submitted the tabulated report of the fiscal year ending June 30, 1897. I was not familiar with the improvements made before May 1, 1897, as my predecessor, Dr. F. W. Hatch, was Superintendent during that year.

I desire to express my thanks to the Assistant Physicians, and to the officers for the faithful performance of the duties assigned them, to the attendants and other employés for the excellent service they have rendered.

I wish to thank the Commission in Lunacy for their courtesies and approvals of the important needs and repairs of the hospital, also for their assistance in securing the erection of two cottages for convalescent patients.

I am under many obligations to the Board of Managers for the courtesies extended to me, and for the confidence they have exhibited, and for the counsel and encouragement they have generously given me.

With faith that the new fiscal year, upon which we have just entered, will be fruitful in good work, I close this report.

Respectfully submitted.

F. M. SPONOGLE,  
Medical Superintendent.

September 20, 1898.

## STATISTICAL TABLES FOR 1896-97.

### ANNUAL SUMMARY.

*Showing the Number of Patients in the Hospital June 30, 1896, Number Admitted, Number under Care and Treatment, Number Discharged, Died, and Eloped During the Year, and the Number Remaining in the Hospital June 30, 1897.*

| From June 30, 1896, to June 30, 1897.             | Males<br>..... | Females<br>.. | Total<br>.... |
|---|----------------|---------------|---------------|
| Number of patients June 30, 1896 .....            | 567            | 366           | 933           |
| Number admitted during the year .....             | 85             | 78            | 163           |
| Returned escapes .....                            | 0              | 0             | 0             |
| <b>Whole number under care and treatment.....</b> | <b>652</b>     | <b>444</b>    | <b>1,096</b>  |
| Number discharged recovered .....                 | 37             | 19            | 56            |
| Number discharged improved .....                  | 16             | 15            | 31            |
| Number discharged unimproved .....                | 33             | 14            | 47            |
| Number died .....                                 | 33             | 27            | 60            |
| Number eloped.....                                | 2              | 0             | 2             |
| <b>Number discharged, died, and eloped .....</b>  | <b>121</b>     | <b>75</b>     | <b>196</b>    |
| <b>Number remaining June 30, 1897 .....</b>       | <b>531</b>     | <b>369</b>    | <b>900</b>    |

TABLE No. 1.

*Counties from which 163 Patients Were Admitted from June 30, 1896, to June 30, 1897.*

| Counties.             | Males | Females | Total |
|-----------------------|-------|---------|-------|
| Alameda .....         | 4     | 7       | 11    |
| Los Angeles .....     | 0     | 1       | 1     |
| Monterey .....        | 7     | 4       | 11    |
| Nevada .....          | 1     | 1       | 2     |
| San Benito .....      | 1     | 4       | 5     |
| Santa Clara .....     | 22    | 16      | 38    |
| Santa Cruz .....      | 7     | 6       | 13    |
| San Francisco .....   | 37    | 34      | 71    |
| San Luis Obispo ..... | 2     | 1       | 3     |
| San Mateo .....       | 4     | 4       | 8     |
| Totals .....          | 85    | 78      | 163   |

TABLE No. 2.

*Nativity of 163 Patients Admitted from June 30, 1896, to June 30, 1897.*

| Nativity.              | Males | Females | Total | Nativity.                 | Males | Females | Total |
|------------------------|-------|---------|-------|---------------------------|-------|---------|-------|
| <i>United States.</i>  |       |         |       | <i>Foreign Countries.</i> |       |         |       |
| Alabama .....          | 0     | 1       | 1     | Australia .....           | 0     | 1       | 1     |
| California .....       | 15    | 10      | 25    | Austria .....             | 1     | 0       | 1     |
| Iowa .....             | 0     | 1       | 1     | Azores .....              | 1     | 0       | 1     |
| Kansas .....           | 1     | 0       | 1     | Canada .....              | 4     | 1       | 5     |
| Louisiana .....        | 1     | 0       | 1     | Denmark .....             | 1     | 1       | 2     |
| Maine .....            | 0     | 2       | 2     | England .....             | 2     | 2       | 4     |
| Massachusetts .....    | 2     | 2       | 4     | France .....              | 3     | 1       | 4     |
| Michigan .....         | 2     | 3       | 5     | Germany .....             | 12    | 6       | 18    |
| Missouri .....         | 2     | 4       | 6     | Greece .....              | 1     | 0       | 1     |
| Montana .....          | 1     | 0       | 1     | Hungary .....             | 1     | 0       | 1     |
| New York .....         | 3     | 6       | 9     | Ireland .....             | 9     | 13      | 22    |
| North Carolina .....   | 0     | 1       | 1     | Italy .....               | 1     | 2       | 3     |
| Ohio .....             | 1     | 3       | 4     | Mexico .....              | 1     | 0       | 1     |
| Oregon .....           | 1     | 1       | 2     | New South Wales .....     | 1     | 0       | 1     |
| Pennsylvania .....     | 1     | 0       | 1     | Portugal .....            | 1     | 1       | 2     |
| Texas .....            | 0     | 1       | 1     | Roumania .....            | 0     | 1       | 1     |
| United States .....    | 8     | 4       | 12    | Russia .....              | 0     | 1       | 1     |
| Washington, D. C. .... | 0     | 1       | 1     | Scotland .....            | 1     | 4       | 5     |
|                        |       |         |       | Spain .....               | 0     | 1       | 1     |
|                        |       |         |       | Sweden .....              | 2     | 0       | 2     |
|                        |       |         |       | Vancouver .....           | 1     | 0       | 1     |
|                        |       |         |       | West Indies .....         | 0     | 1       | 1     |
| Totals .....           | 38    | 40      | 78    | Totals .....              | 43    | 36      | 79    |
|                        |       |         |       | Unknown .....             | 4     | 2       | 6     |

TABLE No. 2—Continued.

*Recapitulation.*

|                         | Males .. | Females .. | Total ..... |
|-------------------------|----------|------------|-------------|
| United States .....     | 38       | 40         | 78          |
| Foreign countries ..... | 43       | 36         | 79          |
| Unknown .....           | 4        | 2          | 6           |
| Grand totals .....      | 85       | 78         | 163         |

TABLE No. 3.

*Age of 163 Patients Admitted from June 30, 1896, to June 30, 1897.*

| Ages.                         | Males .. | Females .. | Total ..... |
|-------------------------------|----------|------------|-------------|
| Between 10 and 20 years ..... | 1        | 3          | 4           |
| Between 20 and 30 years ..... | 18       | 14         | 32          |
| Between 30 and 40 years ..... | 24       | 20         | 44          |
| Between 40 and 50 years ..... | 19       | 22         | 41          |
| Between 50 and 60 years ..... | 7        | 9          | 16          |
| Between 60 and 70 years ..... | 7        | 5          | 12          |
| Between 70 and 80 years ..... | 3        | 3          | 6           |
| Between 80 and 90 years ..... | 2        | 0          | 2           |
| Unknown .....                 | 4        | 2          | 6           |
| Totals .....                  | 85       | 78         | 163         |

TABLE No. 4.

*Civil Condition of 163 Patients Admitted from June 30, 1896, to June 30, 1897.*

| Civil Condition. | Males .. | Females .. | Total ..... |
|------------------|----------|------------|-------------|
| Divorced .....   | 0        | 1          | 1           |
| Married .....    | 25       | 42         | 67          |
| Single .....     | 52       | 17         | 69          |
| Unknown .....    | 6        | 2          | 8           |
| Widowers .....   | 2        |            | 2           |
| Widows .....     |          | 16         | 16          |
| Totals .....     | 85       | 78         | 163         |

TABLE No. 5.

*Supposed Causes of Insanity of 163 Patients Admitted from June 30, 1896, to June 30, 1897.*

| Supposed Causes.   | Males | Females | Total | Supposed Causes.                             | Males | Females | Total |
|--|-------|---------|-------|--|-------|---------|-------|
| Abuses in venery .....                                       | 1     | 0       | 1     | Ill health .....                             | 0     | 2       | 2     |
| Alcoholism .....   | 5     | 1       | 6     | Masturbation .....                           | 11    | 0       | 11    |
| Business reverses and<br>excessive use of to-<br>bacco ..... | 1     | 0       | 1     | Menopause .....                              | 0     | 1       | 1     |
| Depression (husband out<br>of work) .....                    | 0     | 1       | 1     | Menstrual derangement .....                  | 0     | 1       | 1     |
| Disipation and head in-<br>jury .....                        | 0     | 1       | 1     | Morphine habit .....                         | 0     | 1       | 1     |
| Epilepsy .....   | 1     | 3       | 4     | Miscarriage .....                            | 0     | 1       | 1     |
| Exposure .....   | 1     | 0       | 1     | Nervous shock and<br>childbirth .....        | 0     | 2       | 2     |
| Facial erysipelas .....                                      | 0     | 1       | 1     | Nymphomania .....                            | 0     | 1       | 1     |
| Family trouble .....   | 0     | 1       | 1     | Old age .....                                | 2     | 0       | 2     |
| Financial reverses .....                                     | 3     | 4       | 7     | Overwork, worry, and<br>change of life ..... | 0     | 1       | 1     |
| Financial reverses and<br>change of life .....               | 0     | 1       | 1     | Religion .....                               | 0     | 2       | 2     |
| Fright .....   | 0     | 2       | 2     | Softening of the brain .....                 | 1     | 0       | 1     |
| Grief .....  | 0     | 3       | 3     | Sunstroke .....                              | 2     | 1       | 3     |
| Head injury .....  | 4     | 0       | 4     | Syphilis .....                               | 1     | 0       | 1     |
| Hereditary .....   | 2     | 3       | 5     | Tuberculosis and relig'n .....               | 1     | 0       | 1     |
| Influenza and cigarette<br>smoking .....                     | 1     | 0       | 1     | Unknown .....                                | 46    | 34      | 80    |
| Intemperance and con-<br>finement in jail .....              | 1     | 0       | 1     | Unrequited love .....                        | 0     | 1       | 1     |
|  |       |         |       | Whisky and morphine<br>habit .....           | 1     | 1       | 2     |
|  |       |         |       | Totals .....                                 | 85    | 78      | 163   |

TABLE No. 6.

*Classification of Insanity, as Given in Commitments, of 163 Patients Admitted from June 30, 1896, to June 30, 1897.*

| Classification.             | Males | Females | Total | Classification.            | Males | Females | Total |
|-----------------------------|-------|---------|-------|----------------------------|-------|---------|-------|
| Dementia .....              | 9     | 0       | 9     | Mania, epileptic .....     | 1     | 0       | 1     |
| Dementia, chronic .....     | 0     | 1       | 1     | Mania, recurrent .....     | 3     | 7       | 10    |
| Dementia, primary .....     | 0     | 3       | 3     | Mania, religious .....     | 1     | 2       | 3     |
| Dementia, secondary .....   | 1     | 1       | 2     | Melancholia .....          | 7     | 9       | 16    |
| Dementia, senile .....      | 3     | 2       | 5     | Melancholia, acute .....   | 5     | 1       | 6     |
| General paresis .....       | 1     | 0       | 1     | Melancholia, chronic ..... | 0     | 2       | 2     |
| Imbecility .....            | 1     | 0       | 1     | Monomania .....            | 1     | 2       | 3     |
| Insanity, confusional ..... | 1     | 0       | 1     | Not given .....            | 35    | 33      | 68    |
| Mania .....                 | 1     | 2       | 3     | Paranoia .....             | 1     | 0       | 1     |
| Mania, acute .....          | 14    | 8       | 22    |                            |       |         |       |
| Mania, chronic .....        | 0     | 4       | 4     | Totals .....               | 85    | 78      | 163   |
| Mania, delusional .....     | 0     | 1       | 1     |                            |       |         |       |

TABLE No. 7.

Occupation of 163 Patients Admitted from June 30, 1896, to June 30, 1897.

| Occupation.  | Males | Females | Total | Occupation.        | Males | Females | Total |
|--------------|-------|---------|-------|--------------------|-------|---------|-------|
| Barkeeper    | 1     | 0       | 1     | Machine agent      | 1     | 0       | 1     |
| Blacksmith   | 2     | 0       | 2     | Merchant           | 2     | 0       | 2     |
| Bookkeeper   | 0     | 1       | 1     | Moulder            | 1     | 0       | 1     |
| Broker       | 1     | 0       | 1     | Music teacher      | 0     | 1       | 1     |
| Butcher      | 2     | 0       | 2     | Sailor             | 2     | 0       | 2     |
| Carman       | 1     | 0       | 1     | School teacher     | 0     | 2       | 2     |
| Carpenter    | 3     | 0       | 3     | Sea captain        | 1     | 0       | 1     |
| Cigarmaker   | 2     | 0       | 2     | Seamstress         | 0     | 1       | 1     |
| Clerk        | 5     | 0       | 5     | Servant            | 0     | 3       | 3     |
| Cook         | 1     | 0       | 1     | Ship carpenter     | 1     | 0       | 1     |
| Domestic     | 0     | 7       | 7     | Shoemaker          | 1     | 0       | 1     |
| Dressmaker   | 0     | 2       | 2     | Student            | 1     | 0       | 1     |
| Farmer       | 5     | 0       | 5     | Tailor             | 1     | 0       | 1     |
| Fireman      | 1     | 0       | 1     | Tanner             | 1     | 0       | 1     |
| Fruit canner | 1     | 0       | 1     | Teamster           | 1     | 0       | 1     |
| Gardener     | 1     | 0       | 1     | Telegraph operator | 1     | 0       | 1     |
| Harnessmaker | 1     | 0       | 1     | Unknown            | 10    | 25      | 35    |
| Housekeeper  | 0     | 4       | 4     | Upholsterer        | 0     | 1       | 1     |
| Housewife    | 0     | 30      | 30    | Varnisher          | 1     | 0       | 1     |
| Laborer      | 30    | 0       | 30    | Waiter             | 2     | 0       | 2     |
| Laundress    | 0     | 1       | 1     |                    |       |         |       |
| Lawyer       | 1     | 0       | 1     | Totals             | 85    | 78      | 163   |

TABLE No. 8.

Causes of Death of 60 Patients from June 30, 1896, to June 30, 1897.

| Cause of Death.                                | Males | Females | Total |
|--|-------|---------|-------|
| Acute pneumonia                                | 1     | 0       | 1     |
| Apoplexy                                       | 2     | 2       | 4     |
| Cerebral effusion                              | 0     | 2       | 2     |
| Cerebral effusion (tubercular)                 | 0     | 1       | 1     |
| Cerebral hemorrhage                            | 0     | 1       | 1     |
| Chronic melancholia, inanition, and diarrhoea  | 1     | 0       | 1     |
| Cirrhosis of liver                             | 1     | 0       | 1     |
| Epilepsy                                       | 1     | 0       | 1     |
| Epileptic status                               | 1     | 0       | 1     |
| Exhaustion (acute mania)                       | 2     | 1       | 3     |
| Exhaustion (acute melancholia)                 | 1     | 1       | 2     |
| Exhaustion (chronic dementia)                  | 0     | 1       | 1     |
| Exhaustion (chronic diarrhoea)                 | 0     | 1       | 1     |
| Exhaustion (chronic mania)                     | 0     | 1       | 1     |
| Exhaustion (epilepsy)                          | 1     | 0       | 1     |
| Exhaustion (phthisis pulmonalis)               | 0     | 1       | 1     |
| Exhaustion (senile)                            | 3     | 1       | 4     |
| General paresis                                | 6     | 1       | 7     |
| General paresis and apoplexy                   | 1     | 0       | 1     |
| Inanition and acute mania                      | 1     | 0       | 1     |
| Inanition and injury to spine                  | 1     | 0       | 1     |
| Inanition and paralysis                        | 0     | 1       | 1     |
| La grippe                                      | 1     | 0       | 1     |
| Melancholia agitans                            | 0     | 1       | 1     |
| Organic disease of brain                       | 0     | 2       | 2     |
| Organic disease of brain and cerebral effusion | 1     | 1       | 2     |
| Phthisis pulmonalis                            | 7     | 7       | 14    |
| Suicide by carbolic acid while at home         | 0     | 1       | 1     |
| Tubercular peritonitis                         | 1     | 0       | 1     |
| Totals   | 33    | 27      | 60    |

TABLE No. 9.

*Articles Made in the Sewing-Room from July 1, 1896, to July 1, 1897.*

| Articles.              | No. | Articles.             | No.   |
|------------------------|-----|-----------------------|-------|
| Aprons .....           | 492 | Nightgowns .....      | 234   |
| Bandages .....         | 181 | Pillow covers .....   | 1,244 |
| Basques .....          | 93  | Pillowshams .....     | 100   |
| Bedspreads .....       | 32  | Pillowticks .....     | 71    |
| Blankets, canvas ..... | 20  | Property bags .....   | 50    |
| Camisoles .....        | 40  | Shrouds .....         | 42    |
| Chemises .....         | 6   | Sheets .....          | 801   |
| Coffinpillows .....    | 63  | Skirts, under .....   | 302   |
| Coats .....            | 18  | Sunbonnets .....      | 76    |
| Drawers .....          | 75  | Suspenders .....      | 211   |
| Dresses .....          | 299 | Tablecloths .....     | 12    |
| Dress skirts .....     | 73  | Table napkins .....   | 24    |
| Mattresses .....       | 90  | Towels .....          | 1,579 |
| Mattress-ticks .....   | 70  | Window curtains ..... | 269   |
| Napkins .....          | 227 |                       |       |

## STEWARD'S DEPARTMENT.

TABLE No. 10.

*Amount of Articles Purchased and Consumed, and Other Expenses, for the Fiscal Year Ending June 30, 1897.*

| Articles.                     | Value.     | Articles.                            | Value.       |
|-------------------------------|------------|--------------------------------------|--------------|
| Flour .....                   | \$5,585 60 | Furniture and crockery .....         | \$271 18     |
| Meat .....                    | 9,844 31   | Hardware and tinware .....           | 273 39       |
| Sugar .....                   | 2,262 18   | Spoons and cutlery .....             | 57 50        |
| Tea .....                     | 553 54     | Grain and feed .....                 | 925 65       |
| Coffee .....                  | 1,748 18   | Brooms and brushes .....             | 256 17       |
| Syrup .....                   | 214 74     | Books and stationery .....           | 31 10        |
| Potatoes .....                | 1,331 18   | Gas .....                            | 1,220 70     |
| Butter .....                  | 3,809 58   | Fuel .....                           | 9,259 91     |
| Salt .....                    | 79 66      | Paints, oils, and glass .....        | 658 67       |
| Fish .....                    | 791 12     | Repairs .....                        | 673 60       |
| Eggs .....                    | 1,224 37   | Freight and express .....            | 237 13       |
| Beans .....                   | 139 95     | Telegraphing and telephoning .....   | 56 55        |
| Rice and cracked wheat .....  | 564 10     | Expense of administration .....      | 2,284 25     |
| Corn and oat meal .....       | 419 35     | Payroll .....                        | 61,784 45    |
| Vinegar .....                 | 28 75      | Miscellaneous .....                  | 1,146 29     |
| Dried fruit .....             | 605 29     | Lumber .....                         | 281 95       |
| Baking powder .....           | 245 17     | Carpenter's tools and supplies ..... | 120 57       |
| Extracts and spices .....     | 181 50     | Farm tools and supplies .....        | 541 45       |
| Hams and bacon .....          | 601 15     | Garden tools and supplies .....      | 96 20        |
| Macaroni and vermicelli ..... | 107 96     | Engine-room tools and suppl's .....  | 636 14       |
| Small groceries .....         | 939 88     | Laundry supplies .....               | 265 61       |
| Canned goods .....            | 278 72     | Hops and malt .....                  | 74 26        |
| Salt fish .....               | 179 75     | Shoemaker's supplies .....           | 87 05        |
| Salt pork .....               | 133 46     | Horseshoeing .....                   | 154 20       |
| Soda crackers .....           | 108 94     | Lime and cement .....                | 3 25         |
| Soap .....                    | 609 97     | Rubber sheets .....                  | 17 28        |
| Drugs .....                   | 1,318 98   | Iron beds .....                      | 6 00         |
| Liquors .....                 | 158 25     | Hay and straw .....                  | 30 00        |
| Tobacco .....                 | 775 69     | Advertising .....                    | 125 00       |
| Dry goods .....               | 1,511 45   | Floss .....                          | 156 15       |
| Clothing .....                | 2,122 44   | Gas retorts .....                    | 317 78       |
| Shoes .....                   | 742 08     | Water main .....                     | 2,461 49     |
| Blankets .....                | 161 43     |                                      |              |
| Bedding .....                 | 150 75     | Total .....                          | \$124,133 37 |

TABLE No. 11.

*Showing the Cost of the Different Departments for the Fiscal Year Ending June 30, 1897.*

| Departments.                         | Cost.       | Departments.                 | Cost.        |
|--------------------------------------|-------------|------------------------------|--------------|
| Kitchen and dining-rooms.....        | \$28,986 48 | Drug store.....              | \$1,487 80   |
| Wards.....                           | 5,535 87    | Sewing-room.....             | 1,330 84     |
| Bakery.....                          | 5,865 13    | Administration building..... | 257 55       |
| Laundry.....                         | 312 23      | Offices.....                 | 16 13        |
| Engine-room.....                     | 8,916 87    | Payroll.....                 | 61,784 45    |
| Farm, garden, dairy, and stable..... | 4,248 00    | Gas.....                     | 1,220 70     |
| Expense of administration.....       | 2,284 25    |                              |              |
| Repairs.....                         | 991 36      | Total.....                   | \$124,133 37 |
| Miscellaneous.....                   | 2,915 71    |                              |              |

TABLE No. 12.

*Disbursements for the Fiscal Year Ending June 30, 1897.*

| For What Purpose. | Amount.      |
|-------------------|--------------|
| Maintenance.....  | \$124,133 37 |

TABLE No. 13.

*Averages for the Fiscal Year Ending June 30, 1897.*

| Month.              | Average No. of Patients Daily. | Average Daily Expense. | Average Cost per Capita per Day. | Average Cost per Capita per Month. |
|---------------------|--------------------------------|------------------------|----------------------------------|------------------------------------|
| 1896—July.....      | 937                            | \$319 86               | \$0 34.1                         | \$10 58                            |
| August.....         | 928                            | 322 25                 | 34.8                             | 10 78                              |
| September.....      | 893                            | 325 10                 | 36.4                             | 10 92                              |
| October.....        | 894                            | 334 33                 | 57.3                             | 11 59                              |
| November.....       | 899                            | 360 80                 | 40.1                             | 12 04                              |
| December.....       | 904                            | 337 52                 | 37.3                             | 11 57                              |
| 1897—January.....   | 910                            | 322 10                 | 35.3                             | 10 97                              |
| February.....       | 906                            | 351 86                 | 38.8                             | 10 88                              |
| March.....          | 895                            | 327 14                 | 36.5                             | 11 33                              |
| April.....          | 889                            | 341 20                 | 37.9                             | 11 51                              |
| May.....            | 897                            | 332 04                 | 37.0                             | 11 47                              |
| June.....           | 899                            | 410 49                 | 45.6                             | 13 69                              |
| Yearly average..... | 904                            | \$340 39               | \$0 37.6                         | \$11 44                            |

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TABLE No. 14.

*Products of the Farm, Garden, and Dairy, with the Estimated Values, for the Fiscal Year Ending, June 30, 1897.*

| Articles.                   | Quantity.    | Value.     |
|-----------------------------|--------------|------------|
| Beans (string) .....        | 4,930 lbs.   | \$135 57   |
| Beets (table) .....         | 7,557 lbs.   | 50 38      |
| Cabbage .....               | 34,180 lbs.  | 299 04     |
| Carrots .....               | 21,667 lbs.  | 189 58     |
| Cauliflower .....           | 1,862 lbs.   | 23 27      |
| Celery .....                | 5,449 lbs.   | 108 98     |
| Corn (green) .....          | 924 doz.     | 110 88     |
| Cucumbers .....             | 1,011 doz.   | 76 82      |
| Lettuce .....               | 3,707 lbs.   | 46 34      |
| Melons (musk) .....         | ¢2           | 3 10       |
| Onions .....                | 21,561 lbs.  | 269 51     |
| Parsley .....               | 402 lbs.     | .....      |
| Parsnips .....              | 5,877 lbs.   | 44 07      |
| Peas .....                  | 621 lbs.     | 15 52      |
| Peppers (green) .....       | 152 lbs.     | 3 80       |
| Radishes .....              | 303 lbs.     | 6 06       |
| Spinach .....               | 987 lbs.     | 9 87       |
| Squash .....                | 2,824 lbs.   | 35 30      |
| Tomatoes .....              | 11,941 lbs.  | 143 30     |
| Turnips .....               | 12,190 lbs.  | 91 42      |
| Milk .....                  | 29,477 gals. | 2,247 70   |
| Eggs .....                  | 745 doz.     | 125 43     |
| Chickens .....              | 147          | 58 80      |
| Beef .....                  | 1,588 lbs.   | 66 70      |
| Veal .....                  | 978 lbs.     | 63 27      |
| Pork .....                  | 8,967 lbs.   | 448 35     |
| Pears .....                 | 19,275 lbs.  | 1-9 62     |
| Wheat hay .....             | 120 tons.    | 960 00     |
| Total estimated value ..... |              | \$6,522 68 |

TABLE No. 15.

*Amount of Supplies Purchased and Distributed, and the Balances on Hand at the Beginning and End of the Fiscal Year Ending June 30, 1897.*

|   |              |              |
|---|--------------|--------------|
| Amount on hand July 1, 1896 .....         | \$4,590 35   |              |
| Amount purchased during fiscal year ..... | 123,740 94   |              |
| Amount disbursed during fiscal year ..... |              | \$124,133 37 |
| Amount on hand June 30, 1897 .....        |              | 4,197 92     |
| Total .....                               | \$128,331 29 | \$128,331 29 |

TABLE No. 16.

*Showing the Amount of Live Stock on Hand June 30, 1897.*

| Stock.                            | No. |
|-----------------------------------|-----|
| Driving horses .....              | 3   |
| Work horses .....                 | 11  |
| Colts .....                       | 2   |
| Cows .....                        | 62  |
| Yearlings and two-year-olds ..... | 19  |
| Bulls .....                       | 2   |
| Hogs .....                        | 354 |
| Poultry .....                     | 300 |

## STATISTICAL TABLES FOR 1897-98.

## ANNUAL SUMMARY.

*Showing the Number of Patients in the Hospital June 30, 1897, Number Admitted, Number under Care and Treatment, Number Discharged, Died, and Eloped During the Year, and the Number Remaining in the Hospital June 30, 1898.*

| From June 30, 1897, to June 30, 1898. | Males | Females | Total |
|---------------------------------------|-------|---------|-------|
| Number of patients June 30, 1897      | 531   | 369     | 900   |
| Number admitted during the year       | 116   | 92      | 208   |
| Returned escapes                      | 1     | 0       | 1     |
| Whole number under care and treatment | 648   | 461     | 1109  |
| Number discharged recovered           | 29    | 22      | 51    |
| Number discharged improved            | 26    | 16      | 42    |
| Number discharged unimproved          | 4     | 1       | 5     |
| Number died                           | 42    | 37      | 79    |
| Number eloped                         | 6     | 0       | 6     |
| Number discharged, died, and eloped   | 107   | 76      | 183   |
| Number remaining June 30, 1898        | 541   | 385     | 926   |

TABLE No. 1.

*Counties from which 208 Patients Were Admitted from June 30, 1897, to June 30, 1898.*

| Counties.       | Males | Females | Total |
|-----------------|-------|---------|-------|
| Alameda         | 3     | 2       | 5     |
| Fresno          | 0     | 2       | 2     |
| Monterey        | 12    | 6       | 18    |
| Plumas          | 1     | 0       | 1     |
| San Benito      | 2     | 2       | 4     |
| San Bernardino  | 0     | 10      | 10    |
| San Francisco   | 26    | 37      | 63    |
| San Luis Obispo | 6     | 4       | 10    |
| San Mateo       | 10    | 0       | 10    |
| Santa Barbara   | 2     | 0       | 2     |
| Santa Clara     | 44    | 22      | 66    |
| Santa Cruz      | 10    | 6       | 16    |
| Sierra          | 0     | 1       | 1     |
| Totals          | 116   | 92      | 208   |

TABLE No. 2.

Nativity of 208 Patients Admitted from June 30, 1897, to June 30, 1898.

| Nativity.             | Males | Females | Total | Nativity.                 | Males | Females | Total |
|-----------------------|-------|---------|-------|---------------------------|-------|---------|-------|
| <i>United States.</i> |       |         |       | <i>Foreign Countries.</i> |       |         |       |
| Alabama               | 0     | 2       | 2     | Australia                 | 1     | 0       | 1     |
| Arkansas              | 0     | 1       | 1     | Austria                   | 2     | 1       | 3     |
| California            | 23    | 19      | 42    | Azores                    | 2     | 1       | 3     |
| Colorado              | 1     | 0       | 1     | Bohemia                   | 0     | 1       | 1     |
| Connecticut           | 1     | 0       | 1     | British Columbia          | 0     | 1       | 1     |
| Dakota                | 1     | 0       | 1     | Canada                    | 0     | 1       | 1     |
| Georgia               | 1     | 0       | 1     | China                     | 2     | 0       | 2     |
| Illinois              | 1     | 4       | 5     | England                   | 8     | 5       | 13    |
| Indiana               | 1     | 1       | 2     | France                    | 1     | 0       | 1     |
| Maine                 | 1     | 3       | 4     | Germany                   | 15    | 9       | 24    |
| Massachusetts         | 1     | 2       | 3     | Ireland                   | 11    | 13      | 24    |
| Michigan              | 0     | 1       | 1     | Italy                     | 1     | 2       | 3     |
| Missouri              | 2     | 1       | 3     | Japan                     | 2     | 0       | 2     |
| Nevada                | 1     | 0       | 1     | Mexico                    | 1     | 2       | 3     |
| New Hampshire         | 0     | 1       | 1     | Nova Scotia               | 0     | 1       | 1     |
| New Jersey            | 1     | 1       | 2     | Poland                    | 0     | 1       | 1     |
| New York              | 2     | 4       | 6     | Portugal                  | 2     | 1       | 3     |
| Ohio                  | 3     | 2       | 5     | Prussia                   | 1     | 1       | 2     |
| Pennsylvania          | 1     | 1       | 2     | Saxony                    | 1     | 0       | 1     |
| South Carolina        | 0     | 1       | 1     | Scotland                  | 2     | 0       | 2     |
| Tennessee             | 0     | 1       | 1     | Sweden                    | 0     | 1       | 1     |
| Texas                 | 0     | 1       | 1     | Switzerland               | 1     | 1       | 2     |
| United States         | 16    | 2       | 18    | Totals                    | 53    | 42      | 95    |
| Virginia              | 2     | 0       | 2     | Unknown                   | 3     | 1       | 4     |
| Vermont               | 0     | 1       | 1     |                           |       |         |       |
| Wisconsin             | 1     | 0       | 1     |                           |       |         |       |
| Totals                | 60    | 49      | 109   |                           |       |         |       |

## Recapitulation.

|                   | Males | Females | Total |
|-------------------|-------|---------|-------|
| United States     | 60    | 49      | 109   |
| Unknown           | 3     | 1       | 4     |
| Foreign countries | 53    | 42      | 95    |
| Grand totals      | 116   | 92      | 208   |

TABLE No. 3.

*Ages of 208 Patients Admitted from June 30, 1897, to June 30, 1898.*

| Ages.                   | Males      | Females   | Total      |
|-------------------------|------------|-----------|------------|
| Between 10 and 20 years | 2          | 0         | 2          |
| Between 20 and 30 years | 23         | 20        | 43         |
| Between 30 and 40 years | 31         | 26        | 57         |
| Between 40 and 50 years | 28         | 21        | 49         |
| Between 50 and 60 years | 10         | 9         | 19         |
| Between 60 and 70 years | 16         | 7         | 23         |
| Between 70 and 80 years | 1          | 2         | 3          |
| Between 80 and 90 years | 3          | 4         | 7          |
| Unknown                 | 2          | 3         | 5          |
| <b>Totals</b>           | <b>116</b> | <b>92</b> | <b>208</b> |

TABLE No. 4.

*Civil Condition of 208 Patients Admitted from June 30, 1897, to June 30, 1898.*

| Civil Condition. | Males      | Females   | Total      |
|------------------|------------|-----------|------------|
| Divorced         | 9          | 3         | 12         |
| Married          | 31         | 45        | 76         |
| Single           | 50         | 20        | 70         |
| Unknown          | 12         | 9         | 21         |
| Widowers         | 14         |           | 14         |
| Widows           |            | 15        | 15         |
| <b>Totals</b>    | <b>116</b> | <b>92</b> | <b>208</b> |

TABLE No. 5.

*Supposed Causes of Insanity of 208 Patients Admitted from June 30, 1897, to June 30, 1898.*

| Supposed Causes.             | Males | Females | Total | Supposed Causes.                | Males | Females | Total |
|------------------------------|-------|---------|-------|---------------------------------|-------|---------|-------|
| Abortion                     | 0     | 1       | 1     | Miscarriage                     | 0     | 1       | 1     |
| Alcoholism                   | 12    | 3       | 15    | Morphine, liquor and cocaine    | 1     | 0       | 1     |
| Apoplexy                     | 1     | 1       | 2     | Neurasthenic paralysis          | 0     | 1       | 1     |
| Business trouble             | 8     | 3       | 11    | Neurotic trouble                | 1     | 1       | 2     |
| Childbirth                   | 0     | 1       | 1     | Nervous prostration             | 0     | 2       | 2     |
| Childbirth and lactation     | 0     | 1       | 1     | Old age                         | 2     | 3       | 5     |
| Chronic facial neuralgia     | 1     | 0       | 1     | Ovarian disturbances            | 0     | 2       | 2     |
| Death of child               | 0     | 1       | 1     | Paralysis                       | 1     | 0       | 1     |
| Death of wife                | 3     | 0       | 3     | Puerperal mania                 | 0     | 2       | 2     |
| Death of husband             | 0     | 1       | 1     | Religion                        | 3     | 3       | 6     |
| Embolism                     | 1     | 0       | 1     | Sexual excesses                 | 2     | 0       | 2     |
| Epilepsy                     | 3     | 1       | 4     | Softening of brain              | 2     | 1       | 3     |
| Family trouble               | 0     | 2       | 2     | Spinal meningitis               | 2     | 0       | 2     |
| Fasting during Lent          | 0     | 1       | 1     | Spinal sclerosis                | 0     | 1       | 1     |
| Feeble-minded                | 0     | 1       | 1     | Spiritualism                    | 1     | 0       | 1     |
| General decay                | 0     | 2       | 2     | Structural changes of brain     | 0     | 1       | 1     |
| Head injury                  | 10    | 1       | 11    | Sunstroke                       | 2     | 1       | 3     |
| Hereditary                   | 6     | 13      | 19    | Syphilis                        | 2     | 0       | 2     |
| Hereditary and la grippe     | 1     | 0       | 1     | Syphilis, morphine, and cocaine | 1     | 0       | 1     |
| Home-sickness                | 0     | 1       | 1     | Typhoid fever and over-study    | 1     | 0       | 1     |
| Injury from mine explosion   | 1     | 0       | 1     | Ulcerated leg                   | 0     | 1       | 1     |
| Lack of nourishment          | 3     | 0       | 3     | Unknown                         | 28    | 22      | 50    |
| Lactation                    | 0     | 1       | 1     | Uterine trouble                 | 0     | 3       | 3     |
| Love affair                  | 2     | 0       | 2     | Totals                          | 116   | 92      | 208   |
| Malformation of cranium      | 1     | 0       | 1     |                                 |       |         |       |
| Masturbation                 | 13    | 1       | 14    |                                 |       |         |       |
| Masturbation and head injury | 1     | 0       | 1     |                                 |       |         |       |
| Menopause                    | 0     | 11      | 11    |                                 |       |         |       |

TABLE No. 6.

*Classification of Insanity, as Given in Commitments, of 208 Patients Admitted from June 30, 1897, to June 30, 1898.*

| Classification.       | Males | Females | Total | Classification.        | Males | Females | Total |
|-----------------------|-------|---------|-------|------------------------|-------|---------|-------|
| Alcoholism            | 1     | 1       | 2     | Mania, recurrent       | 7     | 3       | 10    |
| Cerebral softening    | 4     | 0       | 4     | Mania, religious       | 1     | 1       | 2     |
| Dementia              | 7     | 2       | 9     | Mania, sub-acute       | 3     | 0       | 3     |
| Dementia, acute       | 1     | 0       | 1     | Mania, suicidal        | 1     | 0       | 1     |
| Dementia, chronic     | 1     | 0       | 1     | Masturbation           | 2     | 0       | 2     |
| Dementia, climacteric | 0     | 1       | 1     | Melancholia            | 10    | 19      | 29    |
| Dementia, organic     | 1     | 0       | 1     | Melancholia, acute     | 3     | 1       | 4     |
| Dementia, parietic    | 2     | 1       | 3     | Melancholia, chronic   | 1     | 1       | 2     |
| Dementia, primary     | 0     | 5       | 5     | Melancholia, recurrent | 1     | 1       | 2     |
| Dementia, senile      | 8     | 6       | 14    | Melancholia, religious | 1     | 1       | 2     |
| Epilepsy              | 4     | 3       | 7     | Melancholia, sub-acute | 0     | 2       | 2     |
| Folic circulaire      | 0     | 1       | 1     | Monomania              | 3     | 1       | 4     |
| Imbecility            | 1     | 1       | 2     | Monomania, sexual      | 1     | 1       | 2     |
| Mania                 | 6     | 3       | 9     | Not given              | 6     | 5       | 11    |
| Mania, acute          | 27    | 11      | 38    | Paranoia               | 1     | 1       | 2     |
| Mania, chronic        | 7     | 9       | 16    | Paresis                | 1     | 0       | 1     |
| Mania, delusional     | 3     | 4       | 7     | Paresis, progressive   | 1     | 0       | 1     |
| Mania, hysterical     | 0     | 1       | 1     |                        |       |         |       |
| Mania, progressive    | 0     | 1       | 1     | Totals                 | 116   | 92      | 208   |
| Mania, puerperal      | 0     | 5       | 5     |                        |       |         |       |

TABLE No. 7.

*Occupation of 208 Patients Admitted from June 30, 1897, to June 30, 1898.*

| Occupation.       | Males | Females | Total | Occupation.       | Males | Females | Total |
|-------------------|-------|---------|-------|-------------------|-------|---------|-------|
| Architect         | 1     | 0       | 1     | Lumberman         | 1     | 0       | 1     |
| Baker             | 1     | 0       | 1     | Machinists        | 2     | 0       | 2     |
| Barkeeper         | 1     | 0       | 1     | Merchants         | 7     | 0       | 7     |
| Blacksmiths       | 2     | 0       | 2     | Miner             | 1     | 0       | 1     |
| Boilermaker       | 1     | 0       | 1     | Physicians        | 2     | 0       | 2     |
| Bookkeeper        | 1     | 0       | 1     | Pilot             | 1     | 0       | 1     |
| Carpenters        | 3     | 0       | 3     | Plumbers          | 2     | 0       | 2     |
| Clerks            | 6     | 0       | 6     | Printers          | 2     | 0       | 2     |
| Clergymen         | 2     | 0       | 2     | Real estate agent | 1     | 0       | 1     |
| Cook              | 0     | 1       | 1     | Restaurant keeper | 0     | 1       | 1     |
| Domestics         | 0     | 6       | 6     | Saloonkeeper      | 1     | 0       | 1     |
| Drummer           | 1     | 0       | 1     | Servants          | 1     | 2       | 3     |
| Engineer          | 1     | 0       | 1     | Sisters           | 0     | 2       | 2     |
| Expert accountant | 1     | 0       | 1     | Shoemaker         | 1     | 0       | 1     |
| Farmers           | 18    | 0       | 18    | Students          | 1     | 1       | 2     |
| Fireman           | 1     | 0       | 1     | Teachers          | 0     | 2       | 2     |
| Gardeners         | 2     | 0       | 2     | Teamster          | 1     | 0       | 1     |
| Hair dresser      | 0     | 1       | 1     | Unknown           | 5     | 21      | 26    |
| Housekeepers      | 0     | 7       | 7     | Vaqueros          | 2     | 0       | 2     |
| Housewives        | 0     | 48      | 48    | Watchmen          | 3     | 0       | 3     |
| Juggler           | 1     | 0       | 1     |                   |       |         |       |
| Laborers          | 39    | 0       | 39    | Totals            | 116   | 92      | 208   |

TABLE No. 8.

*Causes of Death of 79 Patients from June 30, 1897, to June 30, 1898.*

| Cause of Death.                                      | Males | Females | Total |
|--|-------|---------|-------|
| Apoplexy .....                                       | 1     | 0       | 1     |
| Asthæmia and chronic mania .....                     | 0     | 1       | 1     |
| Bronchitis .....                                     | 1     | 0       | 1     |
| Carbuncle and blood poisoning .....                  | 1     | 0       | 1     |
| Cerebral effusion .....                              | 0     | 2       | 2     |
| Cerebral effusion and chronic mania .....            | 0     | 1       | 1     |
| Cerebral effusion and general paralysis .....        | 0     | 1       | 1     |
| Chronic dementia and mitral regurgitation .....      | 0     | 1       | 1     |
| Chronic mania and heart failure .....                | 0     | 1       | 1     |
| Epilepsy .....                                       | 1     | 0       | 1     |
| Epilepsy and parotic dementia .....                  | 0     | 1       | 1     |
| Epileptic status .....                               | 1     | 0       | 1     |
| Exhaustion of acute mania .....                      | 0     | 2       | 2     |
| Exhaustion of chronic mania .....                    | 1     | 6       | 7     |
| Exhaustion of dementia .....                         | 1     | 0       | 1     |
| Exhaustion of dementia and old age .....             | 6     | 5       | 11    |
| Exhaustion of epilepsy .....                         | 0     | 1       | 1     |
| Exhaustion of melancholia and consumption .....      | 1     | 0       | 1     |
| Exhaustion of paralysis agitans .....                | 1     | 0       | 1     |
| Exhaustion of paresis .....                          | 0     | 1       | 1     |
| General anemia and chronic mania .....               | 1     | 0       | 1     |
| General paresis .....                                | 3     | 1       | 4     |
| Gluteal abscess .....                                | 1     | 0       | 1     |
| Heart failure .....                                  | 1     | 0       | 1     |
| Heart failure and la grippe .....                    | 0     | 1       | 1     |
| Hemorrhage of radial artery due to suppuration ..... | 1     | 0       | 1     |
| Inanition .....                                      | 2     | 0       | 2     |
| Intestinal obstructions .....                        | 1     | 0       | 1     |
| Maniacal exhaustion and heart failure .....          | 2     | 0       | 2     |
| Mitral disease of heart .....                        | 1     | 0       | 1     |
| Mitral regurgitation and anasarca .....              | 0     | 1       | 1     |
| Necrosis of cranium bones and exhaustion .....       | 0     | 1       | 1     |
| Organic brain lesion .....                           | 3     | 0       | 3     |
| Organic disease of brain and dysentery .....         | 0     | 1       | 1     |
| Organic disease of brain .....                       | 2     | 2       | 4     |
| Paralysis of the heart .....                         | 1     | 0       | 1     |
| Paralytic dementia .....                             | 2     | 4       | 6     |
| Paresis and senile dementia .....                    | 0     | 1       | 1     |
| Phthisis pulmonalis .....                            | 4     | 2       | 6     |
| Suicide by hanging .....                             | 1     | 0       | 1     |
| Valvular disease of heart .....                      | 1     | 0       | 1     |
| Totals .....   | 42    | 37      | 79    |

TABLE No. 8½.

*Number of Admissions, Discharges, Deaths, etc., from the Foundation of the Institution to the Fiscal Year Ending June 30, 1898.*

|  | Oct. 30, 1888,<br>to June, 30,<br>1889 | Fiscal year<br>ending 1890 | Fiscal year<br>ending 1891 | Fiscal year<br>ending 1892 | Fiscal year<br>ending 1893 | Fiscal year<br>ending 1894 | Fiscal year<br>ending 1895 | Fiscal year<br>ending 1896 | Fiscal year<br>ending 1897 | Fiscal year<br>ending 1898 |
|--|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Admissions .....                                   | 389                                    | 289                        | 357                        | 381                        | 356                        | 244                        | 202                        | 185                        | 163                        | 208                        |
| Returned escapes .....                             | 0                                      | 0                          | 8                          | 5                          | 4                          | 2                          | 2                          | 0                          | 0                          | 1                          |
| Recoveries .....                                   | 3                                      | 44                         | 81                         | 96                         | 97                         | 62                         | 57                         | 54                         | 56                         | 51                         |
| Discharges uncured .....                           | 3                                      | 28                         | 63                         | 47                         | 62                         | 107                        | 38                         | 28                         | 78                         | 47                         |
| Deaths .....                                       | 17                                     | 54                         | 85                         | 89                         | 95                         | 91                         | 88                         | 74                         | 60                         | 79                         |
| Escapes .....                                      | 1                                      | 1                          | 12                         | 4                          | 1                          | 2                          | 2                          | 1                          | 2                          | 6                          |
| Number resident at the<br>close of each year ..... | 365                                    | 527                        | 651                        | 801                        | 902                        | 886                        | 905                        | 933                        | 900                        | 926                        |
| Increase .....                                     | 365                                    | 183                        | 124                        | 150                        | 101                        | 0                          | 19                         | 28                         | 0                          | 26                         |
| Decrease .....                                     | 0                                      | 0                          | 0                          | 0                          | 0                          | 16                         | 0                          | 0                          | 33                         | 0                          |
| Whole number treated .....                         | 389                                    | 654                        | 892                        | 1,037                      | 1,161                      | 1,148                      | 1,090                      | 1,090                      | 1,096                      | 1,109                      |
| Per cent of recoveries to<br>admissions .....      | .77                                    | 15.23                      | 22.19                      | 24.82                      | 27.25                      | 25.40                      | 28.21                      | 29.18                      | 34.35                      | 24.52                      |
| Per cent of deaths to num-<br>ber treated .....    | 4.37                                   | 8.26                       | 9.53                       | 8.58                       | 8.18                       | 7.95                       | 8.07                       | 6.79                       | 5.47                       | 7.12                       |

TABLE No. 9.

*Articles Made in the Sewing-Room from July 1, 1897 to July 1, 1898.*

| Articles.              | No. | Articles.             | No.   |
|------------------------|-----|-----------------------|-------|
| Aprons .....           | 668 | Mattress-ticks .....  | 77    |
| Bandages .....         | 526 | Napkins .....         | 126   |
| Basques .....          | 42  | Nightgowns .....      | 225   |
| Bedspreads .....       | 23  | Pillow covers .....   | 893   |
| Blankets, canvas ..... | 24  | Pillow shams .....    | 59    |
| Camisoles .....        | 43  | Pillowticks .....     | 403   |
| Chemises .....         | 95  | Shrouds .....         | 65    |
| Coffin pillows .....   | 58  | Sheets .....          | 1,212 |
| Drawers .....          | 244 | Shirts, under .....   | 337   |
| Dresses .....          | 298 | Tablecloths .....     | 37    |
| Dress skirts .....     | 39  | Table napkins .....   | 86    |
| Mats .....             | 24  | Towels .....          | 2,480 |
| Mattresses .....       | 56  | Window curtains ..... | 190   |

## STEWARD'S DEPARTMENT.

TABLE No. 10.

*Amount of Articles Purchased and Consumed, and Other Expenses, for the Fiscal Year Ending June 30, 1898.*

| Articles.                     | Value.     | Articles.   | Value.       |
|-------------------------------|------------|---|--------------|
| Flour .....                   | \$5,280 55 | Bedding .....                                       | \$386 97     |
| Meat .....                    | 7,313 60   | Furniture and crockery .....                        | 998 30       |
| Sugar .....                   | 2,083 04   | Hardware and tinware .....                          | 331 62       |
| Tea .....                     | 368 60     | Grain and feed .....                                | 1,218 99     |
| Coffee .....                  | 1,295 89   | Brooms and brushes .....                            | 208 79       |
| Syrup .....                   | 197 34     | Books and stationery .....                          | 338 72       |
| Potatoes .....                | 1,257 84   | Gas .....   | 1,515 30     |
| Butter .....                  | 4,301 28   | Fuel .....  | 8,490 98     |
| Salt .....                    | 81 51      | Paints, oils, and glass .....                       | 484 74       |
| Fish .....                    | 737 35     | Repairs .....                                       | 1,509 16     |
| Eggs .....                    | 1,236 10   | Freight and express .....                           | 44 71        |
| Beans .....                   | 203 30     | Telephone and telegraph .....                       | 110 00       |
| Rice and cracked wheat .....  | 459 08     | Expense of administration .....                     | 1,433 13     |
| Corn and oat meal .....       | 419 85     | Payroll .....                                       | 61,478 85    |
| Vinegar .....                 | 38 40      | Miscellaneous .....                                 | 2,255 28     |
| Dried fruit .....             | 585 09     | Lumber .....  | 621 22       |
| Baking powder .....           | 165 51     | Carpenters' tools and supplies .....                | 193 02       |
| Extracts and spices .....     | 151 05     | Farm tools and supplies .....                       | 1,869 98     |
| Hams and bacon .....          | 331 84     | Garden tools and supplies .....                     | 320 42       |
| Macaroni and vermicelli ..... | 45 40      | Laundry supplies .....                              | 199 80       |
| Small groceries .....         | 992 37     | Hops and malt .....                                 | 101 18       |
| Canned goods .....            | 282 49     | Shoemakers' supplies .....                          | 88 40        |
| Salt fish .....               | 101 84     | Horseshoeing .....                                  | 85 05        |
| Salt pork .....               | 49 86      | Lime and cement .....                               | 54 90        |
| Soda crackers .....           | 150 26     | Oil cloth .....                                     | 32 84        |
| Soap .....                    | 769 65     | Rubber sheets .....                                 | 109 18       |
| Drugs .....                   | 1,008 63   | Floss .....   | 180 00       |
| Liquors .....                 | 96 65      | Discharged patients and re-<br>turned escapes ..... | 242 95       |
| Tobacco .....                 | 587 25     | Boiler cleaners .....                               | 260 00       |
| Dry goods .....               | 1,888 65   | Carpet .....  | 121 38       |
| Clothing .....                | 2,082 00   |   |              |
| Shoes .....                   | 732 86     |   |              |
| Blankets .....                | 93 84      | Total .....   | \$121,168 12 |

TABLE No. 11.

*Showing the Cost of the Different Departments, for the Fiscal Year Ending June 30, 1898.*

| Departments.                          | Cost.       | Departments.                  | Cost.        |
|---------------------------------------|-------------|-------------------------------|--------------|
| Kitchen and dining-rooms .....        | \$23,826 37 | Drug store .....              | \$1,789 32   |
| Wards .....                           | 5,979 73    | Sewing-room .....             | 4,364 96     |
| Bakery .....                          | 5,659 42    | Administration building ..... | 83 24        |
| Laundry .....                         | 373 79      | Offices .....                 | 136 70       |
| Engine-room .....                     | 8,249 94    | Payroll .....                 | 61,478 85    |
| Farm, garden, dairy, and stable ..... | 3,653 53    | Gas .....                     | 1,515 30     |
| Expense of administration .....       | 1,433 13    |                               |              |
| Repairs .....                         | 1,509 16    | Total .....                   | \$121,168 12 |
| Miscellaneous .....                   | 1,116 66    |                               |              |

TABLE No. 12.

*Disbursements for the Fiscal Year Ending June 30, 1898.*

| For What Purpose. | Amount.      |
|-------------------|--------------|
| Maintenance.....  | \$121,168 12 |

TABLE No. 13.

*Averages for the Fiscal Year Ending June 30, 1898.*

| Month.              | Average No. of Patients Daily. | Average Daily Expense. | Average Cost per Capita per Day. | Average Cost per Capita per Month. |
|---------------------|--------------------------------|------------------------|----------------------------------|------------------------------------|
| 1897—July.....      | 902                            | \$330 09               | \$0 36.5                         | \$11 34                            |
| August.....         | 902                            | 294 46                 | 32.6                             | 10 12                              |
| September.....      | 905                            | 328 36                 | 36.2                             | 10 88                              |
| October.....        | 908                            | 329 37                 | 36.2                             | 11 24                              |
| November.....       | 917                            | 335 24                 | 36.5                             | 10 96                              |
| December.....       | 916                            | 328 78                 | 35.8                             | 11 12                              |
| 1898—January.....   | 916                            | 325 19                 | 35.5                             | 11 00                              |
| February.....       | 916                            | 371 52                 | 40.5                             | 11 35                              |
| March.....          | 921                            | 336 45                 | 36.5                             | 11 32                              |
| April.....          | 915                            | 347 03                 | 37.9                             | 11 37                              |
| May.....            | 921                            | 339 49                 | 36.8                             | 11 42                              |
| June.....           | 924                            | 321 56                 | 34.8                             | 10 44                              |
| Yearly average..... | 914                            | \$332 29               | \$0 36.3                         | \$11 04                            |

TABLE No. 14.

• *Products of the Farm, Garden, and Dairy, with the Estimated Values, for the Fiscal Year Ending June 30, 1898.*

| Articles.                  | Quantity.       | Value.     |
|----------------------------|-----------------|------------|
| Beans (string).....        | 776 lbs....     | \$21 23    |
| Beets (cow).....           | 28,590 lbs....  | 42 68      |
| Beets (table).....         | 7,175 lbs....   | 45 68      |
| Cabbage.....               | 19,288 lbs....  | 186 41     |
| Carrots.....               | 11,198 lbs....  | 97 40      |
| Cauliflower.....           | 5,966 lbs....   | 70 39      |
| Celery.....                | 3,115 lbs....   | 74 33      |
| Corn (green).....          | 313 doz....     | 39 80      |
| Cucumbers.....             | 1,097 doz....   | 83 20      |
| Lettuce.....               | 5,264 lbs....   | 61 69      |
| Melons (musk).....         | 840.....        | 40 65      |
| Onions.....                | 18,261 lbs....  | 232 80     |
| Parsley.....               | 265 lbs....     | .....      |
| Parsnips.....              | 3,902 lbs....   | 30 43      |
| Peas.....                  | 4,839 lbs....   | 120 97     |
| Peppers (green).....       | 367 lbs....     | 9 81       |
| Radishes.....              | 2,075 lbs....   | 42 20      |
| Spinach.....               | 4,701 lbs....   | 46 84      |
| Squash.....                | 4,559 lbs....   | 55 06      |
| Tomatoes.....              | 16,460 lbs....  | 194 68     |
| Turnips.....               | 17,158 lbs....  | 129 87     |
| Potatoes.....              | 46,823 lbs....  | 292 63     |
| Leeks.....                 | 189 lbs....     | 1 89       |
| Milk.....                  | 38,159 gals.... | 4,356 31   |
| Eggs.....                  | 1,631 doz....   | 309 06     |
| Chickens.....              | 247.....        | 103 01     |
| Beef.....                  | 2,854 lbs....   | 141 31     |
| Veal.....                  | 2,297 lbs....   | 148 61     |
| Pork.....                  | 12,545 lbs....  | 567 91     |
| Hams and Bacon.....        | 3,175 lbs....   | 269 64     |
| Salt Pork.....             | 533 lbs....     | 42 64      |
| Lard.....                  | 299 lbs....     | 20 93      |
| Pears.....                 | 13,119 lbs....  | 171 19     |
| Apricots.....              | 1,111 lbs....   | 11 11      |
| Apples.....                | 470 lbs....     | 4 70       |
| Plums.....                 | 168 lbs....     | 1 68       |
| Quinces.....               | 20 lbs....      | 20         |
| Wheat Hay.....             | 60 tons....     | 1,020 00   |
| Alfalfa Hay.....           | 9 tons....      | 72 00      |
| Oat Hay.....               | 5 tons....      | 50 00      |
| Total estimated value..... | .....           | \$9,210 94 |

TABLE No. 15.

*Amount of Supplies Purchased and Distributed, and the Balances on Hand at the Beginning and End of the Fiscal Year Ending June 30, 1898.*

|  |              |              |
|--|--------------|--------------|
| Amount on hand July 1, 1897.....         | \$4,197 92   |              |
| Amount purchased during fiscal year..... | 122,281 80   |              |
| Amount disbursed during fiscal year..... | .....        | \$121,175 72 |
| Amount on hand June 30, 1898.....        | .....        | 5,304 00     |
| Totals.....                              | \$126,479 72 | \$126,479 72 |

## TABLE No. 16.

*Showing the Amount of Live Stock on Hand June 30, 1898.*

| Stock.               | No. |
|----------------------|-----|
| Driving horses ..... | 4   |
| Work horses .....    | 12  |
| Cows .....           | 61  |
| Bulls .....          | 3   |
| Hogs .....           | 142 |
| Poultry .....        | 900 |



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# REPORT

OF THE

# SOUTHERN CALIFORNIA STATE HOSPITAL.





REPORT OF THE BOARD OF MANAGERS  
OF THE  
SOUTHERN CALIFORNIA STATE HOSPITAL.

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*To the Honorable State Commission in Lunacy, Sacramento, Cal.:*

GENTLEMEN: We present that portion of the report of the Medical Superintendent relating to the appropriations required at the hands of the coming Legislature for the biennial period ending June 30, 1901, as our report to you, in accordance with the Insanity Law, Section 1, Article XII, and urgently request that it receive favorable consideration from your Honorable Board, as well as from the forthcoming Legislature.

When it is remembered that it will have been six years since this institution received one dollar of appropriation to enlarge its facilities for the care of insane patients, we believe that it will seem to all an exceedingly reasonable request. The amounts of the appropriations required from the next Legislature are as follows:

|   |              |
|---|--------------|
| For maintenance.....  | \$259,595 30 |
| A central building for administration and hospital purposes ..... | 100,000 00   |
| Furnishing the same.....  | 12,000 00    |
| A cottage for female patients, and furnishing the same.....       | 33,000 00    |
| A community dining-room.....                                      | 10,000 00    |
| Furnishing the same.....  | 1,500 00     |
| For storm drain.....  | 7,000 00     |
| Two Baker & Wilcox boilers .....                                  | 3,000 00     |

We call your attention to the report of the Medical Superintendent for explanations and details.

During the past year the whole, or a majority of the Board, has visited and inspected the hospital at least once a month, and the record of our visits shows that an excellent condition of the hospital and patients has been maintained under the management of the Medical Superintendent and his assistants.

Respectfully submitted.

JOHN MCGONIGLE,  
JAMES C. KAYS,  
JAMES A. GIBSON,  
H. W. PATTON,  
H. L. DREW,  
Board of Managers.

MARK R. PLAISTED,  
Treasurer and ex officio Secretary.

## REPORT OF THE MEDICAL SUPERINTENDENT.

*To the Honorable the Board of Managers of the Southern California State Hospital:*

GENTLEMEN: I hereby present my biennial report for the two years ending June 30, 1898. In so doing I shall be as concise as practicable, placing before you only those matters which are of importance to us as an institution and of interest to all who are in any manner interested in State Hospitals for the Insane, hoping thereby to more readily command the attention of those to whom we must look for assistance in providing for our absolute necessities. The statistical tables are complete, and in the text of this report I shall not burden the reader with anything more than the conclusions necessary to impress the facts therein shown.

We have received during the period, 305 men, 156 women, or 461 in all. We have discharged from all causes 227 men, 119 women, or 346 in all; 20 of these women were transferred to northern hospitals, on account of lack of room in this hospital. Of these, 246 came from Los Angeles County, 86 from San Bernardino County, 55 from San Diego County, 27 from Riverside County, 17 each from Orange and Ventura Counties, 12 from Santa Barbara County, and 1 from Merced County.

For the causes of insanity in these cases, civil conditions, ages, occupations, nativity, etc., I refer you to the statistical tables, which have been brought down in full from the opening of the hospital. Table No. 6 is conclusive evidence that more than half of all the admissions were from among our foreign-born population, and Table No. 7 will convince us that over 25 per cent were not residents of the State over twelve months. Heredity is shown to be an active factor among the definite causes. The so-called mental causes, which present a large percentage, do not exclude the heredity, as the history of many of these cases is necessarily unascertainable.

The large number of cases of general paresis that our institution receives has always been a matter of comment and unusual interest.

The average percentage of recoveries to admissions for the period has been 50.20 per cent. Average death-rate for the period, 5.35 per cent, and since opening the hospital, 5.45 per cent.

Regarding the appropriations necessary for the next biennial period, the fact should not be overlooked that it has been six years since we

have received any appropriation for enlarging our facilities for caring for patients. The result has been that we have been greatly hampered in caring for patients, and have been obliged to transfer patients to northern hospitals, and will undoubtedly be forced to seek more relief in the same direction before it will be possible for us to increase our facilities through any appropriation which we shall receive at the hands of the forthcoming Legislature. When we take into consideration the fact that it costs to transfer twenty female patients to northern hospitals, \$650, patients who have already been committed and placed in this institution, we can readily see that from a financial standpoint alone, which really should be a secondary consideration, the State is losing largely by the lack of facilities at this hospital. Furthermore, it costs on an average over \$60 more to commit a single patient to one of the northern hospitals from the southern counties than it does to this hospital. On an estimated population of 757 patients and 70 employes, equaling 827, at 43 cents per day, the amount necessary for our maintenance during the next two years would be \$259,595 30. This estimate is made after carefully reviewing the figures, the past per capita, and natural growth of our institution.

We need a central building, the first story and basement to be used as offices and working department for the administration of the affairs of the hospital; second, third, and fourth floors to be constructed as wards which will accommodate at least 150 patients. The cost of this building will aggregate about \$100,000, minus the brick, which we will have ready before the work of construction will commence, as there will be three quarters of a million ready for use before the rainy season begins. Deducting that portion of the expense of the building which is required for administration purposes, for which no provision has ever been made, the portion used for patients will come within the requirements of the law, namely, \$550 per capita. For furnishing this building at least \$12,000 will be required.

We shall need, long before this building can be completed, additional room for female patients, having, as before stated, already transferred twenty to the north, and there being over two hundred again on our list to be accommodated in two wards, makes it imperative that the expense of continual removal to the northern hospitals shall be kept up, or early facilities provided for their retention at this hospital. I will therefore recommend the construction of a cottage for female patients to accommodate sixty, situated to the west of the present building, one story and a basement, which, at a cost of \$500 per capita for building and \$50 per capita for furnishing, would amount to \$33,000.

We also are in still greater need of a community dining-room than we were two years ago, and I would suggest that this dining-room, instead of being two stories, should be one story high, situated as was

originally intended when under consideration two years ago, large enough to feed 500 patients. This building can be properly constructed for \$10,000; furnished for \$1,500. My reason for suggesting that this be a one instead of two-story building is that the barracks, which are now two stories high, will interfere to a certain extent with the ventilation from the north. Another building two stories high, placed between the barracks and the main building, would render the lower wards and assembly hall uncomfortable during the hot weather.

We also ask for an appropriation of \$7,000 with which to construct a storm drain running south along the east line of the north two hundred and forty acres of the State property; thence west on the south line to above the lands of the northeast corner of the south eighty acres belonging to the State. Heretofore, in asking for money for this improvement, for which a greater amount has always been asked, we have done so contemplating that the ditch should be built of stone and cement. We have found that changing the material for construction to redwood limits the cost in two ways: first, the actual cost per foot for the ditch; and second, in that we do not have to carry or extend said ditch beyond our own land. This statement is made after consultation with authority on this subject. We therefore urge the allowance of the appropriation, as the State's property is in imminent danger of great damage being done in case of cloudburst or excessive rains.

A separate department for the treatment of the tuberculous insane should be constructed in connection with this hospital. Southern California being the Mecca for such a large number of tuberculous individuals, we must necessarily have a proportionately large number of cases among the insane. The communicability of this disease is so well established that it is not necessary at this time to dwell upon it. The fact is patent that some means of protection should be provided for non-tuberculous patients. This can best be done by having departments separate and apart from the main hospital. This matter has been thoroughly canvassed with us by representatives of the Commission in Lunacy, and I leave it to them to make such recommendations to the Legislature as in their opinion would best meet the demand.

We must have two new boilers of the present pattern and size, which will cost, installed, about \$3,000.

Among the permanent improvements which have been made during the last biennial period is the enlargement of the laundry and the new cow barn, which were made by small appropriations granted us at the last Legislature. We have, however, made numerous improvements of a substantial and permanent nature from our contingent fund, which have aggregated during the period, \$12,477 88. The most prominent among these is the barracks, or building constructed for the convenience and care of our outside help, no such provision having been made in the

original plan. This building is sufficiently large to meet all the demands for a number of years, giving us a couple of good rooms in the upper story. The cost of this building is \$5,339 24.

The tunnel running about 90 feet into the hills north of the hospital was also constructed out of this fund. This development has supplied us with spring water sufficient for domestic purposes, having piped it into all the wards and to the laundry. There was used 3,150 feet of pipe, 1½ to 3 inches in diameter. The whole expenditure amounted to about \$1,700. December, 1896, we installed a Vulcan refrigerating ice machine, with which to cool our large refrigerator and also manufacture about 900 pounds of ice in twenty-four hours. This has proved a success in every respect. It was paid for from the contingent fund. We have also run water-pipe to the new dairy barn, using 1,850 feet of pipe; also laid water-pipe and hydrants in front of the east wing, using 1,750 feet more. We have built six weirs for distributing water, of brick and cement, one of them being situated at the reservoir and consisting of a large settling-box in connection with the weir; 300 feet of rock waste-water and irrigating ditch, 2,500 feet of wooden flume, 5 retaining dams, 80 feet of dirt ditch, and one fruit-drying plant. Have graded 8 acres of land, making it irrigable, besides grading all roads, building sidewalks, etc., amounting in all to about \$1,000; the cost of all the above work being greatly reduced by the use of patient labor. Our water supply for irrigation purposes has been remarkably good, considering the great drought and universal shortage of water. The system from which the State draws its supply, and in which it owns original and preferred rights, has proven itself to be one of the best in Southern California. More water from the same source would be a good investment for the State.

All of the outside buildings, cottages, horse and cow barns, have been wired and supplied with electric light. This wiring was done at the expense of the Redlands Light and Power Company, which furnishes power, and was done by them when the new contract was let for heat, light, and power, in which contract we obtain a reduction of \$50 a month below the figures of the previous contract.

In and about the engine-house we have made some valuable and permanent improvements in the way of convenience and economy.

There are many improvements which are greatly needed in connection with the institution, among them more land, a new store building for the Steward's department, a paint shop, enlargement to the laundry and to the horse barn, new floors in all the lavatories in the present wards, two new water-heaters, some extra machinery in the laundry, also a small cottage or outbuilding for contagious diseases, as well as several new cottages for help, some of which we shall be able to supply from time to time from our contingent fund.

We already have plans for the construction of a garbage crematory in connection with our large chimney. Having the brick of proper quality, this will be constructed at a very little cost, and will solve the question of disposal of such garbage as is unfit to be consumed by cattle and hogs. At the suggestion of our engineer, we shall at an early date connect the same chimney with each branch of our main sewer. As the opening from this sewer is exposed to the air at the outfall basins, the wind frequently drives the gas back toward the building, where it escapes through the outside vents, thus frequently being perceptible. With this arrangement the draft of the chimney will act as an immense vent, thus preventing any possibility of such an occurrence.

I wish especially to draw your attention to the limited amount of help which has been granted to us during the last two years, and while the increase in population has been over 50 per cent, the increase in help has been less than 30 per cent. In fact, our payroll is but a little more than it was four years ago. We average one day attendant to 21 patients, and one night attendant to 196 patients. This proportion of attendants to patients is ridiculously low, and much lower than in any other institution of which I have any knowledge, either in this or other States. The average of attendants to patients in most of the Eastern States is about one to ten. These comparisons are certainly significant. Furthermore, the average cost last year per capita in the State of New York was \$185 a patient, whereas we are asking for our next two years' appropriations in a ratio of about \$150 a patient. We contend that this ratio of attendants to patients is inadequate to obtain the best results, both as to treatment of patients and economy, in that it deprives the State of an increased amount of labor which could be performed every day by patients whose labor is now unavailable for the want of sufficient help to direct it. The economic feature, however, is of less importance than the benefits which would be derived by the various patients if properly employed, and the tendency to and probabilities of recovery would be correspondingly increased.

The new insanity law, passed at the last Legislature, has been in operation for about eighteen months. It is probably too soon to pass final judgment. While there are changes, additions, and eliminations necessary to make it ideal and fully satisfactory, it is, on the whole, a salutary enactment. It provides a uniform law for the regulation of the various State Hospitals for the Insane. The civil service clause is to be especially commended, in that it eliminates the uncertainty and consequent anxiety among employes who feel that the tenure of their positions is constantly subject to changes for political reasons, thus insuring better service from those who hold positions due only to their qualifications to fill the same. It makes it incumbent, however, to use more than ordinary care in selecting and making appointments under this

law, as it is much easier to appoint an unfit person than to dispense with his services, as the civil service examinations can reveal only a part of the necessary qualifications and fitness for appointments to insane hospitals. In this connection I hereby desire to extend thanks to the Commission in Lunacy for the courtesies which have been shown this institution by them.

In reviewing the work of the past two years, I cannot but regret that our facilities for caring for those intrusted to our keeping could not have been more ample. We have, as has been our custom since the opening of the hospital, kept as closely to the hospital plan of treatment as conditions would permit, and notwithstanding our overcrowded wards, our death-rate has been low. There have been 74 surgical operations of sufficient importance to demand an anesthetic. These have covered quite a field, but have been mostly directed to diseased and abnormal conditions of the genital and urinary organs and rectum. Individual care and treatment, both medical and surgical, is extended to all patients who enter the hospital.

The following is a list of periodicals gratuitously contributed to our hospital: Los Angeles Evening Express, Los Angeles Germania, San Bernardino Daily Sun, San Bernardino Times-Index, Sacramento Record-Union, Sacramento Bee, San Francisco Argus, San Francisco Post, San Francisco Call, Redlands Citrograph, Riverside Enterprise, Riverside Press and Horticulturist, Fresno Evening Democrat, Colton News, Colton Chronicle, Azusa Pomotropic, Fruitman's Guide, Escondido Times, National City Record, New York Observer, Cycle Age, Farm and Garden, Ontario Observer, Rural California.

To the officers and employés, who have labored so zealously to further the interests of the hospital, I hereby extend thanks, and to you, gentlemen of the Board, I cannot be too grateful. Your ever readiness to listen to all appeals for the necessary comfort and welfare of the hospital has only been limited by the means at your command. Your unanimity of action on all important matters has been most noteworthy, and has conduced materially to the welfare of the hospital and been highly appreciated by me.

M. B. CAMPBELL,  
Medical Superintendent.

TABLE No. 1.

*Showing Movement of Population for the Years 1894-95, 1895-96, 1896-97, 1897-98, for the Biennial Periods Ending June 30, 1896, and June 30, 1898, and Since the Opening of the Hospital.*

| Movement.                                  | 1894-95. |       |       | 1895-96. |       |       | During Period. |       |       | 1896-97. |       |       | 1897-98. |       |       | During Period. |       |       | Since Opening. |       |       |   |  |
|--|----------|-------|-------|----------|-------|-------|----------------|-------|-------|----------|-------|-------|----------|-------|-------|----------------|-------|-------|----------------|-------|-------|---|--|
|  | Men      | Women | Total | Men      | Women | Total | Men            | Women | Total | Men      | Women | Total | Men      | Women | Total | Men            | Women | Total | Men            | Women | Total |   |  |
| Number in hospital June 30, 1894           | 145      | 76    | 221   |          |       |       |                |       |       |          |       |       |          |       |       |                |       |       |                |       |       |   |  |
| Number in hospital June 30, 1896           | 163      | 80    | 243   | 188      | 81    | 269   | 351            | 161   | 512   | 173      | 89    | 262   | 132      | 67    | 199   | 305            | 156   | 461   | 846            | 417   | 1,263 |   |  |
| Number admitted                            |          |       |       |          |       |       |                |       |       | 6        | 0     | 6     | 0        | 0     | 0     | 0              | 0     | 0     | 0              | 0     | 0     | 6 |  |
| Number returned escapes                    |          |       |       |          |       |       |                |       |       | 297      | 157   | 454   |          |       |       |                |       |       |                |       |       |   |  |
| Number discharged—                         |          |       |       |          |       |       |                |       |       |          |       |       |          |       |       |                |       |       |                |       |       |   |  |
| Recovered                                  | 42       | 20    | 62    | 94       | 33    | 127   | 137            | 54    | 189   | 97       | 41    | 138   | 61       | 34    | 95    | 158            | 75    | 233   | 395            | 140   | 485   |   |  |
| Improved                                   | 6        | 3     | 9     | 4        | 3     | 7     | 10             | 6     | 16    | 1        | 1     | 2     | 0        | 1     | 1     | 1              | 2     | 3     | 15             | 15    | 30    |   |  |
| Unimproved                                 | 3        | 2     | 5     | 1        | 0     | 1     | 4              | 2     | 6     | 1        | 1     | 2     | 0        | 2     | 2     | 1              | 3     | 4     | 6              | 5     | 10    |   |  |
| Not insane                                 | 1        | 0     | 1     | 1        | 0     | 1     | 2              | 0     | 2     | 0        | 0     | 0     | 0        | 0     | 0     | 0              | 0     | 0     | 0              | 2     | 0     |   |  |
| Transferred                                |          |       |       |          |       |       |                |       |       |          |       |       |          |       |       |                |       |       |                |       |       |   |  |
| Unreturned escapes                         | 5        | 0     | 5     | 0        | 0     | 0     | 5              | 0     | 5     | 3        | 0     | 3     | 5        | 0     | 5     | 8              | 0     | 8     | 13             | 0     | 13    |   |  |
| Number died                                | 17       | 12    | 29    | 25       | 7     | 32    | 42             | 19    | 61    | 26       | 14    | 40    | 33       | 5     | 38    | 59             | 19    | 78    | 110            | 44    | 154   |   |  |
| Number discharged, died, etc               | 74       | 37    | 111   | 125      | 43    | 168   | 200            | 79    | 279   | 128      | 57    | 185   | 99       | 62    | 161   | 227            | 119   | 346   | 470            | 224   | 694   |   |  |
| Number of patients remaining June 30, 1896 |          |       |       | 297      | 157   | 454   |                |       |       |          |       |       |          |       |       |                |       |       |                |       |       |   |  |
| Number of patients remaining June 30, 1897 |          |       |       |          |       |       |                |       |       | 348      | 189   | 537   |          |       |       |                |       |       |                |       |       |   |  |
| Number of patients remaining June 30, 1898 |          |       |       |          |       |       |                |       |       |          |       |       |          |       |       |                |       |       |                |       |       |   |  |

TABLE No. 2.

Showing the Number of Admissions, by Counties, for the Years 1896-97 and 1897-98, for the Biennial Period, and Since the Opening of the Hospital.

| Counties.      | 1896-1897. |       |       | 1897-1898. |       |       | During the Period. |       |       | Since Opening Hospital. |       |       |
|----------------|------------|-------|-------|------------|-------|-------|--------------------|-------|-------|-------------------------|-------|-------|
|                | Men        | Women | Total | Men        | Women | Total | Men                | Women | Total | Men                     | Women | Total |
| Alameda        |            |       |       |            |       |       |                    |       |       | 0                       | 1     | 1     |
| Fresno         |            |       |       |            |       |       |                    |       |       | 0                       | 1     | 1     |
| Kern           |            |       |       |            |       |       |                    |       |       | 3                       | 1     | 4     |
| Los Angeles    | 98         | 48    | 144   | 70         | 32    | 102   | 186                | 80    | 246   | 450                     | 228   | 676   |
| Merced         | 0          | 1     | 1     | 0          | 0     | 0     | 0                  | 1     | 1     | 0                       | 1     | 1     |
| Orange         | 6          | 4     | 10    | 5          | 2     | 7     | 11                 | 6     | 17    | 32                      | 18    | 50    |
| Riverside      | 10         | 1     | 11    | 9          | 7     | 16    | 19                 | 8     | 27    | 48                      | 23    | 69    |
| Santa Barbara  | 4          | 5     | 9     | 0          | 3     | 3     | 4                  | 8     | 12    | 19                      | 17    | 36    |
| San Bernardino | 31         | 12    | 43    | 27         | 16    | 43    | 58                 | 28    | 86    | 164                     | 60    | 224   |
| San Diego      | 19         | 12    | 31    | 18         | 6     | 24    | 37                 | 18    | 55    | 91                      | 50    | 141   |
| San Francisco  | 0          | 0     | 0     | 0          | 0     | 0     | 0                  | 0     | 0     | 3                       | 0     | 3     |
| San Joaquin    | 0          | 0     | 0     | 0          | 0     | 0     | 0                  | 0     | 0     | 2                       | 0     | 2     |
| Ventura        | 6          | 5     | 11    | 4          | 2     | 6     | 10                 | 7     | 17    | 36                      | 19    | 55    |
| Totals         | 172        | 88    | 260   | 133        | 58    | 191   | 305                | 156   | 461   | 846                     | 417   | 1,263 |

TABLE No. 3.

Showing Classification of Ages of Patients Admitted During the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital.

| Classification of Ages. | 1896-1898. |       |       | Since Opening Hospital. |       |       |
|-------------------------|------------|-------|-------|-------------------------|-------|-------|
|                         | Men        | Women | Total | Men                     | Women | Total |
| Between 10 and 20 years | 9          | 3     | 12    | 23                      | 9     | 32    |
| Between 20 and 30 years | 74         | 29    | 103   | 223                     | 98    | 321   |
| Between 30 and 40 years | 94         | 50    | 144   | 246                     | 121   | 367   |
| Between 40 and 50 years | 48         | 35    | 83    | 141                     | 84    | 225   |
| Between 50 and 60 years | 36         | 15    | 51    | 103                     | 50    | 153   |
| Between 60 and 70 years | 29         | 12    | 41    | 61                      | 30    | 91    |
| Between 70 and 80 years | 6          | 4     | 10    | 18                      | 9     | 27    |
| Between 80 and 90 years | 1          | 2     | 3     | 3                       | 2     | 5     |
| One hundred years       | 0          | 1     | 1     | 0                       | 1     | 1     |
| Unascertained           | 8          | 5     | 13    | 28                      | 13    | 41    |
| Totals                  | 305        | 156   | 461   | 846                     | 417   | 1,263 |

TABLE No. 4.

*Showing the Civil Condition of Patients Admitted During the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital.*

| Civil Condition.    | 1896-1898. |            |            | Since Opening Hospital. |            |              |
|---------------------|------------|------------|------------|-------------------------|------------|--------------|
|                     | Men.....   | Women..... | Total..... | Men.....                | Women..... | Total.....   |
| Divorced .....      | 5          | 6          | 11         | 5                       | 6          | 11           |
| Married .....       | 92         | 89         | 181        | 244                     | 234        | 478          |
| Single .....        | 189        | 40         | 229        | 529                     | 123        | 651          |
| Widowed .....       | 19         | 20         | 39         | 37                      | 50         | 87           |
| Unascertained.....  | 0          | 1          | 1          | 32                      | 4          | 36           |
| <b>Totals .....</b> | <b>305</b> | <b>156</b> | <b>461</b> | <b>846</b>              | <b>417</b> | <b>1,263</b> |

TABLE No. 5.

*Showing the Occupation of Patients Admitted During the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital.*

| Occupation.  | 1896-1898. |            |            | Since Opening Hospital. |            |              |
|--|------------|------------|------------|-------------------------|------------|--------------|
|  | Men.....   | Women..... | Total..... | Men.....                | Women..... | Total.....   |
| <b>Professional:</b><br>Actors, architects, artists, civil engineers, clergy, dentists, lawyers, musicians, physicians, surveyors, etc. ....   | 17         | 0          | 17         | 44                      | 5          | 49           |
| <b>Commercial:</b><br>Agents, accountants, bookkeepers, clerks, manufacturers, merchants, salesmen, stenographers, etc. ....   | 28         | 0          | 28         | 81                      | 6          | 87           |
| <b>Agricultural and Pastoral:</b><br>Farmers, gardeners, bee-keepers, dairymen, herdsmen, etc. ....  | 46         | 0          | 46         | 138                     | 2          | 140          |
| <b>Mechanical (out of doors):</b><br>Blacksmiths, brickmasons, engineers, lumbermen, motormen, painters, peddlers, police, plumbers, stonecutters, etc. ....                                     | 39         | 0          | 39         | 95                      | 0          | 95           |
| <b>Sedentary Vocations:</b><br>Bakers, barbers, butchers, dressmakers, harnessmakers, innkeepers, machinists, paper-hangers, printers, seamstresses, shoemakers, tailors, watchmakers, etc. .... | 30         | 11         | 41         | 89                      | 48         | 137          |
| <b>Exposed Vocations:</b><br>Railroad employes, miners, seamen, soldiers, fishermen, alongshoremen .....   | 15         | 0          | 15         | 63                      | 0          | 63           |
| <b>Domestic Service:</b><br>Waiters, cooks, maids, servants, etc. ....   | 11         | 16         | 27         | 21                      | 29         | 50           |
| <b>Educational and High Domestic:</b><br>Teachers, nuns, housewives, housekeepers, students, nurses, etc. ....   | 6          | 101        | 107        | 9                       | 250        | 259          |
| <b>Laborers</b> .....  | 74         | 2          | 76         | 150                     | 4          | 154          |
| Gamblers, paupers, tramps, etc. ....   | 2          | 0          | 2          | 8                       | 0          | 8            |
| No occupation .....  | 5          | 11         | 16         | 47                      | 58         | 105          |
| Unascertained .....  | 32         | 15         | 47         | 101                     | 15         | 116          |
| <b>Totals .....</b>  | <b>305</b> | <b>156</b> | <b>461</b> | <b>846</b>              | <b>417</b> | <b>1,263</b> |

TABLE No. 6.

Showing the Nativity of Patients Admitted During the Biennial Period  
Ending June 30, 1898.

| Nativity.             | 1896-1898. |       |       | Nativity.                 | 1896-1898. |       |       |
|-----------------------|------------|-------|-------|---------------------------|------------|-------|-------|
|                       | Men        | Women | Total |                           | Men        | Women | Total |
| <i>United States.</i> |            |       |       | <i>Foreign Countries.</i> |            |       |       |
| Alabama               | 0          | 0     | 0     | Africa                    | 0          | 1     | 1     |
| Arkansas              | 0          | 2     | 2     | Arabia                    | 0          | 0     | 0     |
| America               | 3          | 1     | 4     | Argentine Republic        | 1          | 0     | 1     |
| California            | 28         | 10    | 38    | Austria                   | 2          | 0     | 2     |
| Colorado              | 3          | 0     | 3     | Australia                 | 1          | 0     | 1     |
| Connecticut           | 1          | 0     | 1     | Bavaria                   | 2          | 0     | 2     |
| Dakota                | 0          | 0     | 0     | Belgium                   | 0          | 0     | 0     |
| Delaware              | 1          | 0     | 1     | Bohemia                   | 1          | 0     | 1     |
| District of Columbia  | 0          | 1     | 1     | Canada                    | 7          | 4     | 11    |
| Georgia               | 1          | 0     | 1     | China                     | 8          | 0     | 8     |
| Illinois              | 8          | 2     | 10    | Denmark                   | 0          | 0     | 0     |
| Indiana               | 5          | 4     | 9     | East Indies               | 1          | 0     | 1     |
| Iowa                  | 6          | 5     | 11    | England                   | 19         | 8     | 27    |
| Kansas                | 4          | 0     | 4     | Europe                    | 1          | 0     | 1     |
| Kentucky              | 4          | 1     | 5     | Finland                   | 1          | 0     | 1     |
| Louisiana             | 1          | 0     | 1     | France                    | 7          | 1     | 8     |
| Maine                 | 2          | 2     | 4     | Germany                   | 20         | 12    | 32    |
| Maryland              | 0          | 0     | 0     | Greece                    | 0          | 0     | 0     |
| Massachusetts         | 4          | 3     | 7     | Holland                   | 2          | 0     | 2     |
| Michigan              | 3          | 2     | 5     | India                     | 2          | 0     | 2     |
| Minnesota             | 3          | 0     | 3     | Ireland                   | 14         | 16    | 30    |
| Mississippi           | 1          | 0     | 1     | Italy                     | 2          | 2     | 4     |
| Montana               | 0          | 1     | 1     | Lower California          | 1          | 0     | 1     |
| Missouri              | 10         | 2     | 12    | Malta                     | 1          | 0     | 1     |
| Nebraska              | 0          | 0     | 0     | Mexico                    | 2          | 3     | 5     |
| Nevada                | 0          | 1     | 1     | Montenegro                | 0          | 0     | 0     |
| New Jersey            | 1          | 2     | 3     | New Brunswick             | 1          | 0     | 1     |
| New Mexico            | 1          | 0     | 1     | Norway                    | 2          | 0     | 2     |
| New York              | 13         | 7     | 20    | Nova Scotia               | 0          | 3     | 3     |
| Ohio                  | 9          | 7     | 16    | Poland                    | 1          | 0     | 1     |
| Oregon                | 1          | 0     | 1     | Portugal                  | 1          | 0     | 1     |
| Pennsylvania          | 9          | 9     | 18    | Prussia                   | 1          | 2     | 3     |
| Rhode Island          | 1          | 0     | 1     | Russia                    | 0          | 2     | 2     |
| South Carolina        | 0          | 0     | 0     | Scotland                  | 0          | 4     | 4     |
| Tennessee             | 3          | 0     | 3     | Spain                     | 0          | 0     | 0     |
| Texas                 | 1          | 0     | 1     | Sweden                    | 4          | 7     | 11    |
| United States         | 4          | 0     | 4     | Switzerland               | 1          | 2     | 3     |
| Utah                  | 0          | 0     | 0     | Syria                     | 0          | 0     | 0     |
| Vermont               | 3          | 1     | 4     | Wales                     | 1          | 0     | 1     |
| Virginia              | 4          | 2     | 6     | West Indies               | 0          | 0     | 0     |
| West Virginia         | 1          | 0     | 1     | Unascertained             | 0          | 0     | 0     |
| Wisconsin             | 3          | 2     | 5     |                           |            |       |       |
| Wyoming               | 0          | 0     | 0     |                           |            |       |       |
| Unascertained         | 58         | 22    | 80    |                           |            |       |       |
| Totals                | 198        | 89    | 287   | Totals                    | 107        | 67    | 174   |

TABLE No. 6—Continued.

*Showing Nativity of Patients Received During the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital.*

| Nativity.               | 1896-1898. |            |            | Since Opening Hospital. |            |              |
|-------------------------|------------|------------|------------|-------------------------|------------|--------------|
|                         | Men        | Women      | Total      | Men                     | Women      | Total        |
| United States .....     | 140        | 67         | 207        | 456                     | 234        | 690          |
| Foreign Countries ..... | 107        | 67         | 174        | 302                     | 149        | 451          |
| Unascertained .....     | 58         | 22         | 80         | 88                      | 34         | 122          |
| <b>Totals</b> .....     | <b>305</b> | <b>156</b> | <b>461</b> | <b>846</b>              | <b>417</b> | <b>1,263</b> |

TABLE No. 7.

*Showing Term of Residence in the State before Admission, of the Patients Admitted During the Biennial Period Ending June 30, 1898.*

| Term of Residence.  | 1896-1898. |            |            |
|---|------------|------------|------------|
|   | Men        | Women      | Total      |
| Residence in State before Admission { Under thirty days ..... | 7          | 1          | 8          |
| { Between one and two months .....                            | 2          | 1          | 3          |
| { Between two and six months .....                            | 7          | 2          | 9          |
| { Between six months and one year .....                       | 11         | 2          | 13         |
| { Over one year .....   | 228        | 123        | 351        |
| { Unascertained .....   | 50         | 27         | 77         |
| <b>Total</b> .....  | <b>305</b> | <b>156</b> | <b>461</b> |

TABLE No. 8.

Showing Supposed Causes of Insanity, as Given in the Commitments, of Patients Admitted During the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital.

| Supposed Causes.         |   | 1896 1898.  |       |       | Since Opening Hospital. |       |       |    |
|--------------------------|---|---|-------|-------|-------------------------|-------|-------|----|
|                          |   | Men   | Women | Total | Men                     | Women | Total |    |
| Zymotic.                 | Alcoholism                                | 26  | 3     | 29    | 81                      | 9     | 90    |    |
|                          | Anæmia                                    | 0   | 0     | 0     | 0                       | 1     | 1     |    |
|                          | Fevers—typhoid, etc                       | 0   | 0     | 0     | 13                      | 7     | 20    |    |
|                          | Meningitis—Cerebro-spinal                 | 3   | 0     | 3     | 5                       | 2     | 7     |    |
|                          | Syphilis                                  | 4   | 1     | 5     | 5                       | 1     | 6     |    |
| Disease                  | Local                                     | Arterio sclerosis                                     | 0     | 0     | 0                       | 1     | 0     | 1  |
|                          |   | Brain—abscess, congestion, inflammation, softening of | 1     | 0     | 1                       | 8     | 1     | 9  |
|                          |   | Brain tumor   | 0     | 0     | 0                       | 1     | 0     | 1  |
|                          |   | Cerebral lesion                                       | 1     | 0     | 1                       | 3     | 0     | 3  |
|                          |   | Embolism  | 0     | 0     | 0                       | 1     | 1     | 2  |
|                          |   | Epilepsy  | 15    | 6     | 21                      | 38    | 26    | 64 |
|                          |   | La Grippe   | 4     | 0     | 4                       | 7     | 2     | 9  |
|                          |   | Paralysis (hemiplegia)                                | 0     | 1     | 1                       | 1     | 3     | 4  |
|                          |   | Pneumonia   | 0     | 0     | 0                       | 0     | 1     | 1  |
|                          |   | Sexual derangements                                   | 0     | 0     | 0                       | 2     | 18    | 20 |
|                          |   | Spinal irritation                                     | 0     | 0     | 0                       | 1     | 1     | 2  |
|                          |   | Other diseases  | 6     | 12    | 18                      | 8     | 22    | 30 |
| Developmental.           | Puerperal                                 | 0   | 6     | 6     | 0                       | 30    | 30    |    |
|                          | Senility                                  | 0   | 0     | 0     | 5                       | 3     | 8     |    |
|                          | Congenital                                | 0   | 0     | 0     | 1                       | 1     | 2     |    |
| Casualties               | Exposure                                  | 2   | 0     | 2     | 10                      | 0     | 10    |    |
|                          | Injury—head                               | 13  | 0     | 13    | 42                      | 2     | 44    |    |
|                          | Injury—bodily                             | 2   | 0     | 2     | 5                       | 0     | 5     |    |
|                          | Sunstroke, overheating                    | 2   | 0     | 2     | 14                      | 1     | 15    |    |
| Mental                   | Business troubles, financial losses, etc. | 11  | 6     | 17    | 34                      | 13    | 47    |    |
|                          | Domestic infelicity                       | 0   | 4     | 4     | 3                       | 8     | 11    |    |
|                          | Fright                                    | 1   | 1     | 2     | 2                       | 2     | 4     |    |
|                          | Grief, sorrow, remorse                    | 3   | 6     | 9     | 17                      | 27    | 44    |    |
|                          | Jealousy                                  | 0   | 0     | 0     | 0                       | 1     | 1     |    |
|                          | Nostalgia                                 | 0   | 0     | 0     | 1                       | 0     | 1     |    |
|                          | Overstudy                                 | 1   | 5     | 6     | 2                       | 8     | 10    |    |
|                          | Over exertion                             | 6   | 2     | 8     | 13                      | 7     | 20    |    |
|                          | Poverty, want, etc.                       | 0   | 1     | 1     | 11                      | 13    | 24    |    |
|                          | Religion, religious excitement, etc.      | 17  | 7     | 24    | 33                      | 18    | 51    |    |
|                          | Solitude                                  | 0   | 0     | 0     | 2                       | 0     | 2     |    |
|                          | Spiritualism                              | 0   | 0     | 0     | 2                       | 2     | 4     |    |
| Worry, anxiety, etc.     | 0   | 1   | 1     | 11    | 10                      | 21    |       |    |
| Heredity                 |   | 12  | 11    | 23    | 56                      | 38    | 96    |    |
| Masturbation             |   | 19  | 0     | 19    | 58                      | 9     | 67    |    |
| Not otherwise classified | Climacteric                               | 0   | 0     | 0     | 0                       | 11    | 11    |    |
|                          | Dissipation                               | 0   | 0     | 0     | 13                      | 1     | 14    |    |
|                          | Excessive smoking of cigarettes           | 1   | 0     | 1     | 3                       | 0     | 3     |    |
|                          | Excessive venery                          | 0   | 0     | 0     | 1                       | 0     | 1     |    |
| Unascertained            | Morphinism, cocaineism, and opiumism      | 22  | 4     | 26    | 51                      | 6     | 57    |    |
|                          |   | 131   | 73    | 204   | 294                     | 135   | 429   |    |
| Totals                   |   | 305   | 156   | 461   | 846                     | 417   | 1,263 |    |

TABLE No. 8—Continued.

*Recapitulation.*

| Classification of Supposed Causes. | During the Period. |            |            | Since Opening Hospital. |            |              | Percentage.   |
|------------------------------------|--------------------|------------|------------|-------------------------|------------|--------------|---------------|
|                                    | Men                | Women      | Total      | Men                     | Women      | Total        |               |
| Disease .....                      | 60                 | 29         | 89         | 156                     | 112        | 268          | 21.21         |
| Casualties .....                   | 19                 | 0          | 19         | 71                      | 3          | 74           | 05.85         |
| Mental Causes .....                | 39                 | 33         | 72         | 100                     | 87         | 187          | 14.90         |
| Heredity .....                     | 12                 | 11         | 23         | 58                      | 38         | 96           | 7.60          |
| Masturbation .....                 | 19                 | 0          | 19         | 58                      | 9          | 67           | 5.34          |
| Not otherwise classified .....     | 23                 | 4          | 27         | 107                     | 27         | 134          | 10.60         |
| Unascertained .....                | 133                | 79         | 212        | 296                     | 141        | 437          | 34.60         |
| <b>Totals .....</b>                | <b>305</b>         | <b>166</b> | <b>461</b> | <b>846</b>              | <b>417</b> | <b>1,263</b> | <b>100.00</b> |

TABLE No. 9.

*Showing History of Heredity, as Given in the Commitments, of Patients Admitted During the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital, with Percentages.*

| History of Heredity.                        | 1896-1898. |            |            | Since Opening Hospital. |            |              | Percentage.   |
|---|------------|------------|------------|-------------------------|------------|--------------|---------------|
|   | Men        | Women      | Total      | Men                     | Women      | Total        |               |
| Father known to be insane .....             | 8          | 2          | 10         | 34                      | 11         | 45           | 3.56          |
| Mother known to be insane .....             | 5          | 3          | 8          | 23                      | 16         | 39           | 3.09          |
| Grandfather known to be insane .....        | 1          | 0          | 1          | 8                       | 0          | 8            | .63           |
| Grandmother known to be insane .....        | 3          | 1          | 4          | 9                       | 2          | 11           | .88           |
| Brother known to be insane .....            | 5          | 5          | 10         | 18                      | 13         | 31           | 2.45          |
| Sister known to be insane .....             | 12         | 3          | 15         | 22                      | 5          | 27           | 2.13          |
| Collateral kinship .....                    | 19         | 13         | 32         | 56                      | 42         | 98           | 7.76          |
| <b>Totals with hereditary history .....</b> | <b>53</b>  | <b>27</b>  | <b>80</b>  | <b>170</b>              | <b>89</b>  | <b>259</b>   | <b>20.50</b>  |
| <b>No heredity assigned .....</b>           | <b>252</b> | <b>129</b> | <b>381</b> | <b>676</b>              | <b>328</b> | <b>1,004</b> | <b>79.50</b>  |
| <b>Totals .....</b>                         | <b>305</b> | <b>166</b> | <b>461</b> | <b>846</b>              | <b>417</b> | <b>1,263</b> | <b>100.00</b> |

TABLE No. 10.

Showing Forms of Insanity in Those Admitted During the Biennial Period  
Ending June 30, 1898, and Since the Opening of the Hospital.

| Form.           | 1896-1898. |       |       | Since Opening<br>Hospital. |       |       |
|-----------------|------------|-------|-------|----------------------------|-------|-------|
|                 | Men        | Women | Total | Men                        | Women | Total |
| Mania           | 118        | 75    | 193   | 264                        | 155   | 419   |
| Acute           | 2          | 0     | 2     | 13                         | 7     | 20    |
| Acute delirious | 33         | 19    | 52    | 81                         | 55    | 136   |
| Chronic         | 1          | 1     | 2     | 7                          | 6     | 13    |
| Epileptic       | 32         | 16    | 48    | 90                         | 48    | 138   |
| Melancholia     | 4          | 17    | 21    | 23                         | 53    | 76    |
| Acute           | 8          | 0     | 8     | 40                         | 2     | 42    |
| Chronic         | 0          | 0     | 0     | 1                          | 0     | 1     |
| Alcoholic       | 18         | 2     | 20    | 52                         | 21    | 73    |
| Dementia        | 14         | 2     | 16    | 45                         | 17    | 62    |
| Acute           | 21         | 3     | 24    | 73                         | 13    | 86    |
| Chronic         | 14         | 12    | 26    | 43                         | 27    | 70    |
| Epileptic       | 24         | 6     | 30    | 69                         | 8     | 77    |
| Masturbatic     | 0          | 0     | 0     | 1                          | 0     | 1     |
| Senilis         | 16         | 3     | 19    | 44                         | 5     | 49    |
| General paresis |            |       |       |                            |       |       |
| Imbecility      |            |       |       |                            |       |       |
| Inebriety       |            |       |       |                            |       |       |
| Totals          | 305        | 156   | 461   | 846                        | 417   | 1,263 |

TABLE No. 11.

*Showing Form of Insanity, Cause of Death, Sex, and Age of Patients who Died During the Biennial Period Ending June 30, 1898.*

| Form of Insanity.                  | Cause of Death.                    | Sex.                                  | Age.       |     |
|------------------------------------|------------------------------------|---------------------------------------|------------|-----|
| Mania                              | Exhaustion                         | Man                                   | 57         |     |
|                                    | Phthisis pulmonalis and exhaustion | Woman                                 | 57         |     |
|                                    | Acute                              | Brain softening and exhaustion        | Man        | 39  |
|                                    |                                    | Exhaustion                            | Man        | 34  |
|                                    |                                    | Exhaustion                            | Man        | 51  |
|                                    |                                    | Peritonitis and exhaustion            | Man        | 19  |
|                                    |                                    | Phthisis pulmonalis                   | Man        | 48  |
|                                    |                                    | Exhaustion                            | Man        | 35  |
|                                    |                                    | Tuberculosis and exhaustion           | Man        | 26  |
|                                    |                                    | Acute phthisis and exhaustion         | Woman      | 30  |
|                                    |                                    | Phthisis pulmonalis and exhaustion    | Woman      | 57  |
|                                    |                                    | Tuberculosis of lungs and meningitis  | Man        | 35  |
|                                    |                                    | Phthisis pulmonalis and exhaustion    | Woman      | 48  |
|                                    |                                    | Carcinoma                             | Woman      | 31  |
|                                    |                                    | Acute, delirious mania and meningitis | Woman      | 61  |
|                                    |                                    | Phthisis pulmonalis and exhaustion    | Woman      | 37  |
|                                    |                                    | Exhaustion                            | Woman      | 42  |
|                                    | Acute Delirious                    | Exhaustion                            | Man        | 33  |
|                                    |                                    | Exhaustion                            | Man        | 48  |
|                                    | Chronic                            | Apoplexy and hemiplegia               | Woman      | 60  |
|                                    |                                    | Arterio sclerosis-meningitis          | Woman      | 62  |
|                                    |                                    | Capillary bronchitis                  | Woman      | 68  |
|                                    |                                    | Exhaustion                            | Man        | 48  |
| Dementia and bulbar paralysis      |                                    | Man                                   | 46         |     |
| Chronic pericarditis               |                                    | Man                                   | 39         |     |
| Dementia senilis and exhaustion    |                                    | Man                                   | 59         |     |
| Carcinoma and exhaustion           |                                    | Man                                   | 62         |     |
| Suppurative cystitis               |                                    | Man                                   | 54         |     |
| Epileptic                          | Convulsions                        | Man                                   | 30         |     |
|                                    | Convulsions                        | Woman                                 | 34         |     |
|                                    | Convulsions                        | Man                                   | 26         |     |
| Melancholia                        | Acute                              | Phthisis pulmonalis and exhaustion    | Man        | 27  |
|                                    |                                    | Strangulation (self-inflicted)        | Woman      | 38  |
|                                    |                                    | Brain tumor                           | Man        | 37  |
|                                    |                                    | Exhaustion                            | Man        | 62  |
| Dementia                           | Acute                              | Abscess of the brain                  | Woman      | 55  |
|                                    |                                    | Chronic                               | Apoplexy   | Man |
|                                    | Apoplexy                           |                                       | Man        | 36  |
|                                    | Exhaustion                         |                                       | Man        | 72  |
|                                    | Exhaustion                         |                                       | Man        | 59  |
|                                    | Epileptic                          | Exhaustion                            | Man        | 45  |
|                                    |                                    | Convulsions                           | Man        | 50  |
|                                    |                                    | Intestinal tuberculosis               | Woman      | 22  |
|                                    |                                    | Asthma                                | Man        | 63  |
|                                    | Masturbatic                        |                                       | Exhaustion | Man |
| Tuberculosis                       |                                    |                                       | Woman      | 33  |
| Phthisis pulmonalis and exhaustion |                                    |                                       | Man        | 45  |
|                                    |                                    | Tuberculosis and exhaustion           | Man        | 22  |

TABLE No. 11—Continued.

| Form of Insanity.                       | Cause of Death.              | Sex.            | Age.     |
|---|------------------------------|-----------------|----------|
| Dementia..... Senilis.....              | Exhaustion.....              | Man.....        | 60       |
|   | Exhaustion.....              | Man.....        | 71       |
|   | Asthma.....                  | Man.....        | 87       |
|   | Exhaustion.....              | Man.....        | 79       |
|   | Exhaustion.....              | Woman.....      | 75       |
|   | Hemiplegia.....              | Woman.....      | 83       |
|   | Diabetes and exhaustion..... | Man.....        | 74       |
|   | Old age and exhaustion.....  | Man.....        | 68       |
|   | Exhaustion.....              | Man.....        | 70       |
|   | Cirrhosis.....               | Man.....        | 55       |
|   | Exhaustion.....              | Man.....        | 65       |
|   | Tuberculosis.....            | Man.....        | 55       |
|   | General Paresis.....         | Exhaustion..... | Man..... |
| Strangulation during epileptic fit..... |                              | Man.....        | 30       |
| Exhaustion.....                         |                              | Man.....        | 40       |
| Convulsions.....                        |                              | Man.....        | 41       |
| Menigitis and exhaustion.....           |                              | Man.....        | 48       |
| Convulsions.....                        |                              | Woman.....      | 44       |
| Exhaustion.....                         |                              | Man.....        | 57       |
| Exhaustion.....                         |                              | Man.....        | 39       |
| Exhaustion.....                         |                              | Man.....        | 45       |
| Exhaustion.....                         |                              | Man.....        | 57       |
| Pneumonia.....                          |                              | Man.....        | 39       |
| Pulmonary tuberculosis.....             |                              | Man.....        | 30       |
| Apoplexy.....                           |                              | Man.....        | 34       |
| Exhaustion.....                         |                              | Man.....        | 55       |
| Exhaustion.....                         |                              | Woman.....      | 90       |
| Apoplexy.....                           |                              | Man.....        | 49       |

Recapitulation.

| Form of Insanity.           | 1896-1898. |            |            |
|-----------------------------|------------|------------|------------|
|                             | Men.....   | Women..... | Total..... |
| Mania, acute.....           | 10         | 8          | 18         |
| Mania, acute delirious..... | 2          | 0          | 2          |
| Mania, chronic.....         | 6          | 3          | 9          |
| Mania, epileptic.....       | 2          | 1          | 3          |
| Melancholia, acute.....     | 2          | 1          | 3          |
| Melancholia, chronic.....   | 1          | 0          | 1          |
| Dementia, acute.....        | 0          | 1          | 1          |
| Dementia, chronic.....      | 5          | 0          | 5          |
| Dementia, epileptic.....    | 4          | 1          | 5          |
| Dementia, masturbatic.....  | 2          | 1          | 3          |
| Dementia, senilis.....      | 10         | 2          | 12         |
| General paresis.....        | 14         | 2          | 16         |
| Inebriety.....              | 0          | 0          | 0          |
| Totals.....                 | 58         | 20         | 78         |

Average age at death, 50 years.

TABLE No. 12.

*Showing Classified Ages of Patients who Died During the Biennial Period Ending June 30, 1898.*

| Classification.                     | 1896-1898. |            |            |
|-------------------------------------|------------|------------|------------|
|                                     | Men.....   | Women..... | Total..... |
| Below 20 years of age .....         | 1          | 0          | 1          |
| Between 20 and 30 years of age..... | 4          | 1          | 5          |
| Between 30 and 40 years of age..... | 15         | 7          | 22         |
| Between 40 and 50 years of age..... | 14         | 2          | 16         |
| Between 50 and 60 years of age..... | 10         | 3          | 13         |
| Between 60 and 70 years of age..... | 7          | 5          | 12         |
| Between 70 and 80 years of age..... | 5          | 2          | 7          |
| Between 80 and 90 years of age..... | 1          | 1          | 2          |
| Totals .....                        | 57         | 21         | 78         |

TABLE No. 13.

*Showing Time Under Treatment, Reckoning from Date of Admission to Date of Death, of Patients who Died During the Biennial Period Ending June 30, 1898.*

| Time Under Treatment.       | 1896-1898.        |                             |
|-----------------------------|-------------------|-----------------------------|
|                             | Number of Deaths. | Percentage to Total Number. |
| Less than 10 days.....      | 2                 | 2.3                         |
| Between 10 and 30 days..... | 4                 | 5.1                         |
| Between 30 and 60 days..... | 8                 | 10.3                        |
| Between 60 and 90 days..... | 3                 | 3.8                         |
| Between 3 and 6 months..... | 11                | 14.1                        |
| Over 6 months.....          | 50                | 64.5                        |
| Totals .....                | 78                | 100                         |

*Recapitulation.*

|   |      |
|---|------|
| Patients under treatment more than 6 months ..... | 32.3 |
| Patients under treatment less than 6 months.....  | 35.3 |
| Patients under treatment less than 3 months.....  | 21.3 |
| Patients under treatment less than 1 month .....  | 7.1  |
| Patients under treatment less than 10 days.....   | 2.3  |

TABLE No. 14.

Showing, by Months, the Employment of Patients in Useful Occupations from August 1, 1893, the Opening of the Hospital, to June 30, 1898, the End of the Biennial Period, Together with Percentages.

|                         | MEN.                 |        |                                 |                        |                              | WOMEN.                     |        |             |         |                              | Total Number Employed. | Average Population. | Percentage Employed. |
|-------------------------|----------------------|--------|---------------------------------|------------------------|------------------------------|----------------------------|--------|-------------|---------|------------------------------|------------------------|---------------------|----------------------|
|                         | Kitchen, Dining room | Bakery | Laundry, Postage room, Stewards | Dairy, Stable, Pig sty | Farm, Lawn, Garden, Outdoors | Wards, Rooms, Misspellions | Totals | Sewing-room | Laundry | Wards, Paints, Miscellaneous |                        |                     |                      |
| <i>Previous Period.</i> |                      |        |                                 |                        |                              |                            |        |             |         |                              |                        |                     |                      |
| 1893—August             | 5                    | 2      | 4                               | 18                     | 15                           | 44                         | 3      | 3           | 2       | 8                            | 52                     | 109                 | 48                   |
| September               | 6                    | 3      | 2                               | 13                     | 12                           | 41                         | 3      | 3           | 3       | 9                            | 50                     | 122                 | 41                   |
| October                 | 6                    | 3      | 2                               | 19                     | 15                           | 45                         | 7      | 2           | 5       | 14                           | 59                     | 133                 | 46                   |
| November                | 8                    | 4      | 2                               | 4                      | 18                           | 36                         | 5      | 4           | 4       | 13                           | 49                     | 145                 | 34                   |
| December                | 8                    | 4      | 4                               | 17                     | 14                           | 47                         | 4      | 6           | 6       | 16                           | 63                     | 162                 | 40                   |
| 1894—January            | 11                   | 3      | 8                               | 17                     | 15                           | 54                         | 5      | 3           | 6       | 14                           | 68                     | 180                 | 38                   |
| February                | 13                   | 3      | 4                               | 7                      | 24                           | 51                         | 4      | 3           | 5       | 12                           | 63                     | 192                 | 32                   |
| March                   | 14                   | 6      | 4                               | 18                     | 21                           | 63                         | 5      | 4           | 4       | 13                           | 76                     | 203                 | 32                   |
| April                   | 15                   | 7      | 6                               | 21                     | 20                           | 69                         | 4      | 4           | 4       | 12                           | 81                     | 210                 | 38                   |
| May                     | 17                   | 8      | 6                               | 12                     | 20                           | 63                         | 6      | 5           | 4       | 15                           | 78                     | 219                 | 31                   |
| June                    | 17                   | 9      | 5                               | 14                     | 25                           | 70                         | 7      | 5           | 4       | 16                           | 86                     | 223                 | 38                   |
| July                    | 17                   | 7      | 12                              | 19                     | 25                           | 80                         | 6      | 4           | 5       | 15                           | 95                     | 226                 | 41                   |
| August                  | 15                   | 9      | 4                               | 12                     | 23                           | 63                         | 3      | 4           | 2       | 9                            | 72                     | 243                 | 29                   |
| September               | 15                   | 3      | 5                               | 2                      | 25                           | 50                         | 4      | 5           | 4       | 13                           | 63                     | 255                 | 25                   |
| October                 | 15                   | 8      | 6                               | 7                      | 25                           | 61                         | 4      | 5           | 3       | 12                           | 73                     | 266                 | 30                   |
| November                | 16                   | 4      | 9                               | 10                     | 18                           | 57                         | 5      | 5           | 4       | 14                           | 71                     | 279                 | 25                   |
| December                | 14                   | 7      | 8                               | 14                     | 27                           | 70                         | 4      | 5           | 3       | 12                           | 82                     | 290                 | 38                   |
| 1895—January            | 14                   | 7      | 12                              | 10                     | 26                           | 68                         | 4      | 5           | 3       | 12                           | 80                     | 297                 | 27                   |
| February                | 14                   | 10     | 17                              | 14                     | 27                           | 82                         | 3      | 4           | 4       | 11                           | 93                     | 305                 | 30                   |
| March                   | 16                   | 20     | 4                               | 12                     | 20                           | 72                         | 7      | 5           | 7       | 19                           | 91                     | 323                 | 28                   |
| April                   | 18                   | 12     | 5                               | 17                     | 29                           | 81                         | 7      | 5           | 14      | 26                           | 107                    | 322                 | 33                   |
| May                     | 17                   | 14     | 4                               | 18                     | 40                           | 93                         | 5      | 5           | 18      | 28                           | 121                    | 339                 | 33                   |
| June                    | 19                   | 10     | 2                               | 20                     | 47                           | 98                         | 6      | 8           | 21      | 35                           | 133                    | 355                 | 37                   |
| July                    | 17                   | 11     | 3                               | 21                     | 43                           | 97                         | 7      | 8           | 17      | 42                           | 139                    | 365                 | 38                   |
| August                  | 22                   | 11     | 2                               | 25                     | 47                           | 107                        | 8      | 10          | 20      | 38                           | 145                    | 376                 | 39                   |
| September               | 22                   | 10     | 2                               | 23                     | 41                           | 98                         | 7      | 9           | 20      | 36                           | 134                    | 384                 | 35                   |
| October                 | 21                   | 9      | 4                               | 15                     | 43                           | 92                         | 7      | 9           | 20      | 36                           | 128                    | 396                 | 32                   |
| November                | 22                   | 10     | 3                               | 16                     | 45                           | 96                         | 5      | 8           | 20      | 33                           | 129                    | 407                 | 31                   |
| December                | 24                   | 12     | 6                               | 13                     | 37                           | 92                         | 5      | 9           | 20      | 34                           | 126                    | 417                 | 30                   |
| 1896—January            | 22                   | 10     | 4                               | 16                     | 46                           | 98                         | 5      | 8           | 20      | 33                           | 131                    | 421                 | 31                   |
| February                | 25                   | 12     | 6                               | 28                     | 31                           | 90                         | 6      | 8           | 24      | 38                           | 128                    | 426                 | 30                   |
| March                   | 23                   | 10     | 5                               | 19                     | 43                           | 100                        | 8      | 6           | 23      | 37                           | 137                    | 430                 | 32                   |
| April                   | 25                   | 11     | 4                               | 17                     | 49                           | 106                        | 6      | 7           | 23      | 36                           | 142                    | 442                 | 32                   |
| May                     | 23                   | 9      | 5                               | 27                     | 47                           | 111                        | 6      | 8           | 21      | 35                           | 146                    | 447                 | 33                   |
| June                    | 23                   | 11     | 4                               | 26                     | 50                           | 114                        | 8      | 7           | 21      | 36                           | 150                    | 461                 | 32                   |
| <i>This Period.</i>     |                      |        |                                 |                        |                              |                            |        |             |         |                              |                        |                     |                      |
| 1896—July               | 27                   | 7      | 2                               | 19                     | 44                           | 99                         | 9      | 13          | 32      | 54                           | 153                    | 462                 | 33                   |
| August                  | 26                   | 7      | 2                               | 17                     | 47                           | 99                         | 9      | 13          | 32      | 54                           | 171                    | 479                 | 36                   |
| September               | 26                   | 10     | 3                               | 23                     | 49                           | 111                        | 9      | 13          | 32      | 54                           | 165                    | 488                 | 34                   |
| October                 | 27                   | 10     | 2                               | 23                     | 49                           | 111                        | 9      | 13          | 32      | 54                           | 165                    | 487                 | 34                   |
| November                | 27                   | 12     | 2                               | 20                     | 47                           | 107                        | 9      | 13          | 32      | 54                           | 161                    | 498                 | 32                   |
| December                | 27                   | 10     | 2                               | 23                     | 46                           | 108                        | 9      | 13          | 32      | 54                           | 162                    | 505                 | 32                   |
| 1897—January            | 28                   | 9      | 3                               | 28                     | 47                           | 113                        | 9      | 13          | 32      | 54                           | 167                    | 519                 | 32                   |
| February                | 30                   | 19     | 3                               | 19                     | 48                           | 119                        | 9      | 13          | 32      | 54                           | 173                    | 540                 | 32                   |
| March                   | 30                   | 10     | 3                               | 23                     | 52                           | 118                        | 9      | 13          | 32      | 54                           | 172                    | 533                 | 32                   |
| April                   | 30                   | 10     | 3                               | 22                     | 50                           | 115                        | 9      | 13          | 32      | 54                           | 169                    | 544                 | 31                   |
| May                     | 30                   | 10     | 3                               | 28                     | 57                           | 128                        | 9      | 13          | 32      | 54                           | 182                    | 548                 | 33                   |
| June                    | 31                   | 11     | 3                               | 27                     | 67                           | 136                        | 9      | 13          | 32      | 54                           | 190                    | 551                 | 34                   |
| July                    | 28                   | 10     | 3                               | 27                     | 57                           | 125                        | 9      | 13          | 32      | 54                           | 179                    | 544                 | 33                   |
| August                  | 31                   | 10     | 3                               | 27                     | 75                           | 146                        | 9      | 13          | 32      | 54                           | 200                    | 548                 | 37                   |
| September               | 33                   | 14     | 3                               | 27                     | 61                           | 138                        | 9      | 13          | 32      | 54                           | 192                    | 547                 | 33                   |

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TABLE No. 14—Continued.

|                           | MEN.                    |                                       |                            |                                   |                                  |        | WOMEN.      |         |                                  |        | Total Number Employed | Average Population | Percentage Employed |
|---------------------------|-------------------------|---------------------------------------|----------------------------|-----------------------------------|----------------------------------|--------|-------------|---------|----------------------------------|--------|-----------------------|--------------------|---------------------|
|                           | Kitchen,<br>Dining-room | Laundry,<br>Engine-<br>room, Stewards | Dairy, Stable, Pig-<br>sty | Farm, Lawn, Gar-<br>den, Outdoors | Wards, Rooms, Mis-<br>cellaneous | Totals | Sewing-room | Laundry | Wards, Panties,<br>Miscellaneous | Totals |                       |                    |                     |
| 1897—October .....        | 33                      | 10                                    | 3                          | 23                                | 63                               | 132    | 9           | 13      | 32                               | 54     | 186                   | 549                | 34                  |
| November .....            | 33                      | 9                                     | 3                          | 28                                | 49                               | 122    | 9           | 13      | 32                               | 54     | 176                   | 553                | 32                  |
| December .....            | 29                      | 11                                    | 3                          | 22                                | 50                               | 115    | 9           | 13      | 32                               | 54     | 169                   | 562                | 30                  |
| 1898—January .....        | 32                      | 9                                     | 3                          | 28                                | 51                               | 123    | 9           | 13      | 32                               | 54     | 177                   | 562                | 31                  |
| February .....            | 30                      | 10                                    | 3                          | 25                                | 66                               | 134    | 9           | 13      | 32                               | 54     | 188                   | 566                | 33                  |
| March .....               | 34                      | 13                                    | 3                          | 27                                | 56                               | 133    | 9           | 13      | 32                               | 54     | 187                   | 579                | 32                  |
| April .....               | 34                      | 13                                    | 3                          | 29                                | 63                               | 142    | 9           | 13      | 32                               | 54     | 196                   | 589                | 33                  |
| May .....                 | 34                      | 14                                    | 3                          | 28                                | 56                               | 135    | 9           | 13      | 32                               | 54     | 189                   | 577                | 32                  |
| June .....                | 34                      | 14                                    | 3                          | 38                                | 62                               | 151    | 9           | 13      | 32                               | 54     | 205                   | 586                | 35                  |
| Averages since opening .. | 24                      | 9                                     | 4                          | 23                                | 42                               | 100    | 7           | 10      | 22                               | 39     | 138                   | 417                | 33                  |

TABLE No. 15.

Showing Percentages Deduced from Statistical Tables Covering the Medical Records of the Hospital for the Years 1893-94, 1894-95, 1895-96, 1896-97, 1897-98, and for the Biennial Period Ending June 30, 1898, and Since the Opening of the Hospital. (The year 1893-94 embraces but 11 months, and is covered by first biennial report.)

|                       | 1893-94. |       | 1894-95. |       | 1895-96. |       | 1896-97. |       | 1897-98. |       | During the Period. | Since the Opening. |
|-----------------------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|--------------------|--------------------|
|                       | No.      | %     |                    |                    |
| Movements of patients | 290      | 22.95 | 213      | 19.24 | 269      | 21.30 | 282      | 20.75 | 199      | 15.76 | 38.51              | 100.00             |
| Admissions            | 43       | 14.83 | 62       | 25.51 | 127      | 47.23 | 138      | 52.67 | 96       | 47.73 | 50.20              | 37.69              |
| Recoveries*           | 16       | 5.17  | 29       | 6.25  | 32       | 6.14  | 40       | 6.54  | 38       | 6.16  | 6.36               | 6.40               |
| Deaths†               | 69       | 23.79 | 111      | 45.68 | 168      | 62.45 | 186      | 70.61 | 161      | 80.90 | 75.75              | 66.66              |
| Discharges            |          |       |          |       |          |       |          |       |          |       |                    |                    |
| Alameda               | 1        | .34   |          |       |          |       |          |       |          |       |                    | .07                |
| Fresno                | 1        | .34   |          |       |          |       |          |       |          |       |                    | .07                |
| Kern                  | 3        | 1.03  | 1        | .41   |          |       |          |       |          |       |                    | .31                |
| Los Angeles           | 157      | 54.14 | 117      | 48.10 | 166      | 57.99 | 144      | 55.38 | 102      | 53.14 | 53.36              | 53.52              |
| Merced                |          |       |          |       |          |       | 1        | .38   | 0        | 0     | .26                | .07                |
| Orange                | 14       | 4.82  | 12       | 4.94  | 7        | 2.60  | 10       | 3.84  | 7        | 3.66  | 3.68               | 3.66               |
| Riverside             | 10       | 3.45  | 12       | 4.94  | 20       | 7.43  | 11       | 4.23  | 16       | 8.37  | 5.85               | 5.46               |
| Santa Barbara         | 11       | 3.79  | 3        | 1.23  | 10       | 3.71  | 9        | 3.46  | 3        | 1.5   | 2.60               | 2.06               |
| San Bernardino        | 34       | 13.10 | 52       | 21.89 | 48       | 17.84 | 43       | 16.53 | 43       | 22.51 | 18.66              | 17.73              |
| San Diego             | 36       | 12.07 | 34       | 13.99 | 17       | 6.32  | 31       | 11.92 | 24       | 12.56 | 11.90              | 11.16              |
| San Francisco         | 2        | .69   | 1        | .34   |          |       |          |       |          |       |                    | .23                |
| San Joaquin           | 1        | .34   |          |       | 1        | .37   |          |       |          |       |                    | .16                |
| Ventura               | 17       | 5.86  | 11       | 4.52  | 10       | 3.71  | 11       | 4.23  | 6        | 3.45  | 3.68               | 4.33               |

\* Percentage to admissions. † Percentage to number treated.

TABLE No. 15—Continued.

|                                    |  | During<br>the<br>Period. | Since<br>the<br>Opening. |       |
|------------------------------------|--|--------------------------|--------------------------|-------|
|                                    |  | Av'ge %                  | Av'ge %                  |       |
| Causes of insanity<br>(Classified) | Disease  |                          | 21.21                    |       |
|                                    | Casualties   |                          | 5.85                     |       |
|                                    | Mental origin                                      |                          | 14.80                    |       |
|                                    | Hereditary   |                          | 7.80                     |       |
|                                    | Masturbation                                       |                          | 5.34                     |       |
|                                    | Unclassified                                       |                          | 10.60                    |       |
| Hereditary, history<br>of          | Unascertained                                      |                          | 34.60                    |       |
|                                    | Parental   |                          | 6.65                     |       |
|                                    | Ante-parental                                      |                          | 1.51                     |       |
|                                    | Fraternal  |                          | 4.58                     |       |
|                                    | Collateral   |                          | 7.76                     |       |
|                                    | Total  |                          | 20.50                    |       |
| Residence in State.                | Under one month                                    | 1.74                     |                          |       |
|                                    | Under two months                                   | .66                      |                          |       |
|                                    | Under six months                                   | 1.95                     |                          |       |
|                                    | Under one year                                     | 2.82                     |                          |       |
|                                    | Unascertained                                      | 16.70                    |                          |       |
| Nativity                           | United States of America, including various States | 44.90                    | 54.63                    |       |
|                                    | Foreign countries                                  | 37.74                    | 35.70                    |       |
|                                    | California (percentage to total admissions)        | 7.81                     | 6.23                     |       |
|                                    | California (percentage to native Americans)        | 12.56                    | 9.40                     |       |
|                                    | Unascertained                                      | 1.73                     | 9.66                     |       |
| Forms of insanity.                 | Mania  | Acute                    | 41.84                    | 33.14 |
|                                    |  | Acute, delirious         | .43                      | 1.58  |
|                                    |  | Chronic                  | 11.28                    | 10.78 |
|                                    | Melancholia  | Epileptic                | .43                      | 1.03  |
|                                    |  | Acute                    | 10.20                    | 10.92 |
|                                    | Dementia   | Chronic                  | 4.55                     | 6.01  |
|                                    |  | Acute                    | .00                      | .08   |
|                                    |  | Alcoholic                | 1.73                     | 3.32  |
|                                    |  | Chronic                  | 4.33                     | 5.77  |
|                                    | General paresis.                                   | Epileptic                | 3.46                     | 4.90  |
| Masturbatic                        |  | 5.20                     | 6.80                     |       |
| Semilis                            |  | 5.63                     | 5.54                     |       |
|                                    |  | 6.50                     | 6.09                     |       |
| Imbecility                         |  | .00                      | .08                      |       |
| Occupation (classified)            | Inebriety  | 3.48                     | 3.88                     |       |
|                                    | Professional                                       |                          | 3.78                     |       |
|                                    | Commercial   |                          | 6.88                     |       |
|                                    | Agricultural, pastoral                             |                          | 11.07                    |       |
|                                    | Mechanical (outdoor)                               |                          | 7.51                     |       |
|                                    | Sedentary  |                          | 10.84                    |       |
|                                    | Exposed  |                          | 4.98                     |       |
|                                    | Domestic and higher educational                    |                          | 20.49                    |       |
|                                    | Lower domestic, menial                             |                          | 3.96                     |       |
|                                    | Laborers   |                          | 12.18                    |       |
|                                    | Gamblers, paupers, etc.                            |                          | .64                      |       |
|                                    | None   |                          | 8.31                     |       |
| Civil condition (by sexes)         | Unascertained                                      |                          | 9.18                     |       |
|                                    | Married: Men—                                      |                          |                          |       |
|                                    | Percentage to male admissions                      |                          | 28.87                    |       |
|                                    | Women—   |                          |                          |       |
|                                    | Percentage to female admissions                    |                          | 56.01                    |       |
|                                    | Unmarried: Men—                                    |                          |                          |       |
|                                    | Percentage to male admissions                      |                          | 62.46                    |       |
|                                    | Women—   |                          |                          |       |
|                                    | Percentage to female admissions                    |                          | 30.50                    |       |
|                                    | Widowed: Men—                                      |                          |                          |       |
| Percentage to male admissions      |  | 4.38                     |                          |       |
| Women—                             |  |                          |                          |       |
| Percentage to female admissions    |  | 12.00                    |                          |       |
| Unascertained: Men—                |  |                          |                          |       |
| Percentage to male admissions      |  | 3.79                     |                          |       |
| Women—                             |  |                          |                          |       |
| Percentage to female admissions    |  | .96                      |                          |       |

## STEWARD'S DEPARTMENT.

TABLE No. 16.

Showing Articles Consumed, and Other Expenses, for the Forty-eighth Fiscal Year, ending June 30, 1897.

| Articles.                     | Quantity.    | Amount.     |
|-------------------------------|--------------|-------------|
| Flour ..... Wheat             | 568½ bbls.   | \$2,680 98  |
| ..... Graham                  | 5,460 lbs.   |             |
| Meat ..... Beef               | 58,431½ lbs. | 3,571 20    |
| ..... Mutton                  | 5,422 lbs.   |             |
| ..... Veal                    | 3,171 lbs.   |             |
| ..... Pork                    | 7,539 lbs.   |             |
| ..... Ham and bacon           | 2,686½ lbs.  |             |
| .....                         | 24,490¾ lbs. |             |
| Sugar                         |              | 1,369 19    |
| Tea                           | 1,328 lbs.   | 235 54      |
| Syrup                         | 1,128½ gals. | 267 62      |
| Potatoes                      | 120,146 lbs. | 1,133 47    |
| Butter                        | 7,538 lbs.   | 1,631 27    |
| Coffee                        | 5,346 lbs.   | 986 19      |
| Lard                          | 2,300 lbs.   | 172 00      |
| Fish (salt and fresh)         | 5,934 lbs.   | 426 90      |
| Beans                         | 5,651 lbs.   | 130 51      |
| Rice                          | 4,100 lbs.   | 191 85      |
| Cracked wheat                 | 1,895 lbs.   |             |
| Cornmeal                      | 2,700 lbs.   | 600 23      |
| Oatmeal                       | 16,470 lbs.  |             |
| Fruit (dried and canned)      |              | 2,472 39    |
| Salt                          | 9,485 lbs.   | 76 61       |
| Vinegar                       | 251 gals.    | 31 66       |
| Groceries                     |              | 720 57      |
| Soap                          |              | 540 14      |
| Drugs                         |              | 813 75      |
| Liquors and ale               |              | 213 24      |
| Tobacco                       | 478 lbs.     | 180 04      |
| Dry goods                     |              | 836 22      |
| Clothing and hats             |              | 1,518 41    |
| Shoes, slippers, and leather  |              | 544 86      |
| Blankets                      |              | 396 20      |
| Furniture and crockery        |              | 285 59      |
| Hardware and tinware          |              | 983 95      |
| Spoons and cutlery            |              | 25 85       |
| Carpet and matting            |              | 6 65        |
| Grain and feed                |              | 405 00      |
| Seeds                         |              | 63 77       |
| Lumber                        |              | 297 01      |
| Building material             |              | 47 05       |
| Brooms and brushes            |              | 172 96      |
| Books and stationery          |              | 443 71      |
| Light                         |              | 3,199 29    |
| Fuel and power                |              | 6,593 98    |
| Paints, oils, and glass       |              | 436 83      |
| Bedding                       |              | 157 92      |
| Castings and iron pipe        |              | 186 61      |
| Miscellaneous                 |              | 2,926 81    |
| Payroll                       |              | 37,898 86   |
| Vegetables                    |              | 135 37      |
| Shoeing and blacksmithing     |              | 206 35      |
| Trustees' salaries            |              | 1,592 90    |
| Freight and express           |              | 273 65      |
| Ice                           |              | 898 15      |
| Telegraph and telephone       |              | 110 51      |
| Harness, whips, and repairs   |              | 84 55       |
| Printing and advertising      |              | 102 00      |
| Total distributed             |              | \$79,276 36 |
| Balance on hand June 30, 1896 | \$2,284 80   |             |
| Balance on hand June 30, 1897 | 1,353 66     |             |
|                               |              | 931 14      |
| Total purchased               |              | \$78,345 22 |

TABLE No. 17.

*Showing the Cost of the Different Departments of the Institution for the Forty-eighth Fiscal Year, ending June 30, 1897.*

| Department.                                 | Amount.     |
|---|-------------|
| Kitchen and dining-rooms.....               | \$15,879 11 |
| Male department.....                        | 2,803 14    |
| Female department.....                      | 633 62      |
| Bakery.....                                 | 3,650 62    |
| Laundry.....                                | 415 80      |
| Engine-room.....                            | 176 07      |
| Farm, garden, dairy, and stable.. Farm..... | \$813 18    |
| Garden.....                                 | 152 92      |
| Dairy.....                                  | 152 48      |
| Stable.....                                 | 422 42      |
|   | 1,541 00    |
| Trustees' salaries.....                     | 1,592 90    |
| Building and repairs.....                   | 1,279 19    |
| Miscellaneous.....                          | 8 85        |
| Pharmacy.....                               | 1,156 36    |
| Sewing-room.....                            | 697 13      |
| Furnishings.....                            | 75 81       |
| Office.....                                 | 812 80      |
| Payroll.....                                | 37,898 86   |
| Fuel and power.....                         | 5,963 87    |
| Light.....                                  | 3,239 57    |
| Ice.....                                    | 898 15      |
| Ice plant.....                              | 33 09       |
| Carpenter shop.....                         | 67 49       |
| Night watch.....                            | 42 68       |
| Shoe shop.....                              | 42 75       |
| Waitress.....                               | 34 17       |
| Printing and advertising.....               | 42 00       |
| Center building.....                        | 26 00       |
| Steward's department.....                   | 4 33        |
| Lunacy Commission.....                      | 281 00      |
| Total distributed.....                      | \$79,276 36 |
| Distributed and not purchased.....          | 931 14      |
| Total.....                                  | \$78,345 22 |

TABLE No. 18.

Showing Articles Consumed, and Other Expenses, for the Forty-ninth  
Fiscal Year, ending June 30, 1898.

| Articles.                                  | Quantity.    | Amount.            |
|--|--------------|--------------------|
| Flour.....Wheat.....                       | 654 bbls.    | \$2,933 64         |
| .....Graham.....                           | 7,300 lbs.   |                    |
| Meats.....Beef.....                        | 76,634 lbs.  | 5,000 11           |
| .....Mutton.....                           | 6,384 lbs.   |                    |
| .....Veal.....                             | 859½ lbs.    |                    |
| .....Ham and bacon.....                    | 3,656 lbs.   |                    |
| Sugar.....                                 | 32,911 lbs.  | 1,751 55           |
| Tea.....                                   | 1,560 lbs.   | 312 00             |
| Potatoes.....                              | 141,643 lbs. | 1,422 91           |
| Butter.....                                | 9,549 lbs.   | 1,832 80           |
| Coffee.....                                | 5,903 lbs.   | 868 17             |
| Lard.....                                  | 2,520 lbs.   | 163 57             |
| Fish (salt and fresh).....                 | 5,123 lbs.   | 284 11             |
| Eggs.....                                  | 3,396 doz.   | 759 42             |
| Beans.....                                 | 11,725 lbs.  | 244 87             |
| Rice.....                                  | 5,053 lbs.   | 233 20             |
| Cornmeal.....                              | 4,800 lbs.   | 592 20             |
| Oatmeal.....                               | 15,100 lbs.  |                    |
| Fruit (dried and canned).....              |              | 1,546 68           |
| Salt.....                                  | 7,550 lbs.   | 96 60              |
| Vinegar.....                               | 385 gals.    | 45 25              |
| Syrup.....                                 | 843¼ gals.   | 202 55             |
| Groceries.....                             |              | 836 66             |
| Soap.....                                  |              | 531 53             |
| Drugs.....                                 |              | 809 17             |
| Liquors.....                               |              | 284 54             |
| Tobacco.....                               | 722 lbs.     | 180 50             |
| Dry goods.....                             |              | 1,669 04           |
| Clothing and hats.....                     |              | 1,842 90           |
| Shoes, slippers, and leather.....          |              | 751 44             |
| Blankets.....                              |              | 398 33             |
| Furniture and crockery.....                |              | 1,810 40           |
| Hardware and tinware.....                  |              | 1,898 40           |
| Spoons and cutlery.....                    |              | 72 60              |
| Carpet and matting.....                    |              | 31 45              |
| Grain and feed.....                        |              | 497 75             |
| Seeds.....                                 |              | 125 05             |
| Lumber.....                                |              | 470 47             |
| Building material.....                     |              | 64 15              |
| Brooms and brushes.....                    |              | 201 87             |
| Books and stationery.....                  |              | 529 77             |
| Light.....                                 |              | 2,578 10           |
| Fuel and power.....                        |              | 6,686 84           |
| Paints, oils, and glass.....               |              | 497 25             |
| Bedding.....                               |              | 248 22             |
| Castings and iron pipe.....                |              | 316 63             |
| Miscellaneous.....                         |              | 8,735 24           |
| Payroll.....                               |              | 34,795 49          |
| Vegetables.....                            |              | 123 96             |
| Shoeing and blacksmithing.....             |              | 311 50             |
| Managers' salaries.....                    |              | 1,968 20           |
| Freight and express.....                   |              | 58 17              |
| Revolving Fund (office expenses).....      |              | 1,517 43           |
| Telegraph and telephone.....               |              | 231 81             |
| Harness, whips, and repairs.....           |              | 207 20             |
| Printing and advertising.....              |              | 10 00              |
| <b>Total distributed</b> .....             |              | <b>\$89,587 19</b> |
| Balance on hand June 30, 1897.....         | \$1,353 66   |                    |
| Balance on hand June 30, 1898.....         | 2,918 62     |                    |
| <b>Purchased and not distributed</b> ..... |              | <b>1,564 96</b>    |
| <b>Total purchased</b> .....               |              | <b>\$91,152 15</b> |

TABLE No. 19.

*Showing the Cost of the Different Departments of the Institution for the Forty-ninth Fiscal Year, ending June 30, 1898.*

| Department.                        | Amount.            |
|------------------------------------|--------------------|
| Kitchen and dining-rooms.....      | \$16,698 92        |
| Male department.....               | 3,247 78           |
| Female department.....             | 684 97             |
| Bakery.....                        | 4,216 17           |
| Laundry.....                       | 676 62             |
| Engine-room.....                   | 469 38             |
| Farm, garden, dairy, and stable..  |                    |
| Farm.....                          | \$5,026 70         |
| Garden.....                        | 596 29             |
| Dairy.....                         | 612 83             |
| Stable.....                        | 554 06             |
|                                    | 6,789 88           |
| Managers' salaries.....            | 1,573 00           |
| Building and repairs.....          | 907 81             |
| Pharmacy.....                      | 1,174 88           |
| Sewing-room.....                   | 1,930 66           |
| Furnishings.....                   | 890 16             |
| Office.....                        | 2,368 98           |
| Payroll.....                       | 34,795 49          |
| Fuel.....                          | 4,046 30           |
| Light and power.....               | 4,177 22           |
| Carpenter shop.....                | 1,581 31           |
| Shoe shop.....                     | 476 89             |
| Night watch.....                   | 31 31              |
| Social hall.....                   | 293 60             |
| Medical Superintendent.....        | 871 12             |
| Assistant Physician.....           | 135 28             |
| Ice plant.....                     | 65 95              |
| Steward's department.....          | 210 81             |
| Lunacy Commission.....             | 629 20             |
| Marking room.....                  | 18 00              |
| Transportation of patients.....    | 625 50             |
| <b>Total.....</b>                  | <b>\$89,587 19</b> |
| Balance on hand June 30, 1897..... | \$1,353 66         |
| Balance on hand June 30, 1898..... | 2,918 62           |
| Purchased and not distributed..... | 1,564 96           |
| <b>Total.....</b>                  | <b>\$91,152 15</b> |

TABLE No. 20.

*Showing Articles Made in Sewing-room During the Biennial Period ending June 30, 1898.*

| Articles.              | No. | Articles.                      | No.   |
|------------------------|-----|--------------------------------|-------|
| Aprons.....            | 683 | Napkins (sanitary).....        | 168   |
| Bags (hot water).....  | 47  | Napkins (table).....           | 132   |
| Bags (clothes).....    | 15  | Sheets.....                    | 1583  |
| Bags (property).....   | 48  | Sheets (laundry).....          | 78    |
| Bandages.....          | 4   | Sheets (protection).....       | 7     |
| Burial sets.....       | 7   | Suspenders.....                | 161   |
| Blankets (canvas)..... | 8   | Shirts.....                    | 88    |
| Camisoles.....         | 18  | Scarfs.....                    | 21    |
| Chemises.....          | 72  | Suits (canvas).....            | 3     |
| Capes.....             | 73  | Suits (denim).....             | 10    |
| Covers.....            | 19  | Shirts.....                    | 7     |
| Curtains.....          | 41  | Towels (surgical).....         | 112   |
| Caps (tarleton).....   | 190 | Towels (bath).....             | 442   |
| Comforters.....        | 11  | Towels (roller).....           | 54    |
| Cases (pillow).....    | 348 | Towels (glass).....            | 30    |
| Dresses.....           | 210 | Table-cloths (bleached).....   | 42    |
| Dresses (private)..... | 31  | Table-cloths (turkey red)..... | 32    |
| Drawers.....           | 75  | Ticks, bed.....                | 112   |
| Gowns.....             | 254 | Ticks, pillow.....             | 76    |
| Muffs.....             | 7   | Waists.....                    | 1     |
| Mattress pads.....     | 5   | Waist-cloths.....              | 10    |
| Mattress cases.....    | 48  |                                |       |
| Mittens.....           | 1   | Total pieces.....              | 5,374 |

TABLE No. 21.

*Showing Articles Made in Mattress-room During the Biennial Period ending June 30, 1898.*

| Articles.                 | No. | Articles.              | No.   |
|---------------------------|-----|------------------------|-------|
| New mattresses.....       | 100 | Pillows made over..... | 500   |
| New pillows.....          | 100 |                        |       |
| Mattresses made over..... | 300 | Total pieces.....      | 1,000 |

TABLE No. 22.

*Showing the Amount of New Work Performed and General Repairs Made by the Carpenter for the Biennial Period ending June 30, 1898.*

| Articles.  | No. | Articles.   | No. |
|--|-----|---|-----|
| Wardrobes .....  | 22  | 10 rods waterway .....  |     |
| Tables .....   | 35  | Beetles for farmer .....  | 4   |
| Cupboards and cases .....  | 42  | Land smoothers .....  | 2   |
| Beds .....   | 2   | Reach for farm wagon .....  | 3   |
| Dust boxes .....   | 3   | Pole for cultivator .....   | 1   |
| Window screens .....   | 24  | Mills for brickyard .....   | 2   |
| Door screens .....   | 7   | Water boxes for brickyard .....   | 8   |
| Splints .....  | 4   | Scrapers for same .....   | 2   |
| Comb cases .....   | 4   | Brick moulds .....  | 14  |
| Medicine trays .....   | 5   | Basement floor east wing .....  |     |
| Weirs .....  | 2   | Bought wagon beds for farm wagon .....                                  | 2   |
| Peels for bakery .....   | 12  | Seat for farm wagon .....   | 1   |
| Stools and chairs .....  | 4   | Brake blocks for farm wagon .....                                       | 8   |
| Coffins .....  | 32  | Hay rack for farm wagon .....   | 2   |
| Foot bath for horse barn .....                                   | 1   | Building for ice plant ( brick ) .....                                  |     |
| Blinds for ward windows .....                                    | 2   | Cottage, five rooms, farmer .....                                       |     |
| Chicken houses .....   | 7   | Storm houses at entrance to basem'nt .....                              | 3   |
| Roof on vegetable house .....                                    | 1   | Sash for hothouse .....   | 8   |
| Ventilators for same .....                                       | 2   | Laundry addition (brick), 36x55 .....                                   |     |
| Sash for same .....  | 6   | Cow barn (frame), 73x138 .....  |     |
| Steps to entrance of Supervisor's room .....                     | 1   | Platform for dairyman to remove waste from kitchen .....                |     |
| Woodshed at rear of kitchen .....                                | 1   | Kitchen .....   | 1   |
| Large water tank at N. E. corner of garden .....                 | 1   | Barracks building (brick) 2-story, 36x114 .....                         |     |
| Roof on house below the avenue .....                             | 1   | Sand boxes for brickyard .....  | 6   |
| Partitioned rooms in attic .....                                 | 3   | Strikers for brick moulds .....   | 23  |
| Roof on Supervisor's house .....                                 | 1   | Hog troughs .....   | 14  |
| Bread moulds .....   | 27  | Sulphur houses for fruit-drying .....                                   | 3   |
| Sink in general office .....                                     | 1   | Cars for same .....   | 3   |
| Sink in Dr. Dolan's office .....                                 | 1   | Fruit boxes for same .....  | 75  |
| Sink in attic .....  | 1   | Drying trays .....  | 500 |
| Partitioned two rooms in Steward's house for night watches ..... |     | Hand barrows for same .....   | 2   |
| Benches and settees .....  | 12  | Sweat boxes for same .....  | 3   |
| Drafting table .....   | 1   | Racks for milk cans .....   |     |
| Large cuspidores .....   | 5   | Seat for dairyman's wagon .....   |     |
| Doors paneled .....  | 11  | Fencing 238 rods .....  |     |
| Plugs for jack pot in kitchen .....                              | 12  | Woodwork for wagon .....  |     |
| Writing desks .....  | 3   | Fitted up three suites of rooms for Supt. and 1st Asst. Physician ..... |     |
| Partitioned and fitted Supervisor's bath room .....              |     | Stock barn watering troughs .....                                       | 3   |
| Desk for Matron .....  | 1   | Window glass .....  | 188 |
| Commodos .....   | 3   | Chairs repaired .....   | 155 |
| Washing sinks .....  | 3   | Locks repaired .....  | 52  |
| Rosters for laundry and wards .....                              | 4   | Saws filed .....  | 11  |
| Closet seats .....   | 13  | Shades repaired .....   | 46  |
| Food trays .....   | 4   | Meat block dressed off (times) .....                                    | 9   |
| Chamber racks .....  | 3   | Carpets laid .....  | 5   |
| Signboards .....   | 6   | Window screens repaired .....   | 42  |
| Porch and bath room at laundry .....                             |     | Doors repaired .....  | 28  |
| Fitted up lemon room in basement .....                           |     | Wardrobes repaired .....  | 6   |
| Set up steam drier in laundry .....                              |     | Floor polishers .....   | 13  |
| Cooling tank for milk cans .....                                 | 1   | Screen doors repaired .....   | 7   |
| Orchard ladders .....  | 3   | Tables repaired .....   | 7   |
| Mortar boxes .....   | 6   | Benches repaired .....  | 37  |
| Scaffolding trestles .....                                       | 24  | Windows repaired .....  | 28  |
| Bridge N. E. corner garden .....                                 |     | Mops repaired .....   | 5   |
| Bridge railroad crossing .....                                   |     | Beds repaired .....   | 19  |
| Bridge Highland Ave. south of orange grove .....                 | 4   | Repaired yard fence .....   |     |
| Bridge Highland Ave. near motor depot .....                      |     | Repaired property case .....  |     |
|  |     | Repaired wagon bed .....  |     |
|  |     | Repaired sleigh for gardener .....                                      |     |
|  |     | Repaired partition for Ward F .....                                     |     |

TABLE No. 22—Continued.

| Articles.   | No. | Articles.  | No. |
|---|-----|--|-----|
| Repaired ice box, Sup't's kitchen                         |     | Repaired sink, ward F  |     |
| Repaired farm wagon                                       |     | Repaired gardener's plow                                       |     |
| Repaired awnings, 1st Assistant Physician's rooms         |     | Put up extra shelving, Wards B and D clothes room              |     |
| Closed opening in basement below Supervisor's room        |     | Secured window guards in basement                              |     |
| Put up sink, 1st Assistant Physician's office             |     | Repaired brick mill  |     |
| Repaired yard fence                                       |     | Hung 12-awnings at offices                                     |     |
| Changed partition Ward A (annex)                          |     | Put up extra shelving and drawers Ward C                       |     |
| Removed awnings for winter                                |     | Repairing hand rails on stairways, east wing                   |     |
| Repaired ice box  |     | Repaired icecream freezers for bakery                          |     |
| Cased pipes in ice plant                                  |     | Repaired four settees, Ward A                                  |     |
| Turned 6 plungers for steam pumps                         |     | Repaired drawers in meat room table                            |     |
| Post office at Steward's office                           |     | Repaired brick mill  |     |
| Repair meat block base                                    |     | Repaired large scales, platform                                |     |
| Changed 12 ventilators in wards                           |     | Repaired small scales, platform                                |     |
| Repaired property cases, Ward F                           |     | Put up wire to train vines, west end                           |     |
| Repaired floors after plumbers                            |     | Repaired stepladders, Ward C                                   |     |
| Repaired bridges east drive                               |     | Repaired brick mill  |     |
| Repaired 2 peels for bakery                               |     | Large frame for rubbish  |     |
| Repaired shelving and case                                |     | Repaired peel for bakery                                       |     |
| Drawers, Ward C   |     | Repaired two drawers for Ward C                                |     |
| Fitted up new dining-room, platform steps, etc.           |     | Repaired yard fence  |     |
| Changed ventilators in refrigerator                       |     | Put up shades and curtains for First Assistant Physician       |     |
| Put down quarter round in dining-room and kitchen, Ward E |     | Put up shades and curtains for Superintendent's suite of rooms |     |
| Repaired bridge south of building                         |     | Repaired yard fence  |     |
| Put up guard rail on bridge on Highland Avenue            |     | New lock, Ward F dormitory                                     |     |
| Secured door frames throughout building                   |     | Repaired small scales, Steward's office                        |     |
| Repaired medicine case, Ward F                            |     | Repaired five brick moulds                                     |     |
| Removed blinds from guards, Ward F                        |     | Put up partition in mattress room                              |     |
|   |     | Etc., etc.   |     |

TABLE No. 23.

*Showing Produce from the Farm, Garden, and Dairy, for the Biennial Period ending June 30, 1898.*

| Produce.             | Lbs.   | Produce.             | Lbs.    |
|----------------------|--------|----------------------|---------|
| <b>Vegetables—</b>   |        | <b>Fruits, etc.—</b> |         |
| Asparagus.....       | 211    | Apricots.....        | 18,800  |
| Beans, string.....   | 3,100  | Peaches.....         | 12,674  |
| Beets, table.....    | 5,502  | Grapes.....          | 2,700   |
| Cabbage.....         | 40,088 | Lemons.....          | 21,567  |
| Celery.....          | 815    | Oranges.....         | 240,473 |
| Cucumbers.....       | 2,919  | Strawberries.....    | 5,311   |
| Corn, sweet.....     | 15,074 | Blackberries.....    | 5,827   |
| Egg plant.....       | 720    | Raspberries.....     | 116     |
| Lettuce.....         | 1,292  | Muskmelons.....      | 16,368  |
| Leeks.....           | 110    | Watermelons.....     | 108,789 |
| Onions.....          | 20,417 | Hay, fodder, etc.—   |         |
| Oyster plant.....    | 85     | Citron melon.....    | 16,000  |
| Okra.....            | 30     | Corn fodder.....     | 167,600 |
| Peas, sweet.....     | 1,997  | Carrots.....         | 26,315  |
| Potatoes.....        | 12,398 | Cow beets.....       | 167,000 |
| Potatoes, sweet..... | 38,815 | Hay (barley).....    | 244,000 |
| Radish.....          | 455    | Hay (alfalfa).....   | 526,000 |
| Rhubarb.....         | 389    | Parsnips.....        | 5,983   |
| Spinach.....         | 3,218  | Pumpkins.....        | 64,780  |
| Squash.....          | 10,016 | Hay (rye).....       | 22,000  |
| Tomatoes.....        | 20,901 | Stock—               |         |
| Turnip.....          | 16,005 | Beef.....            | 2,069   |
|                      |        | Veal.....            | 3,139   |
|                      |        | Pork.....            | 14,255  |
|                      |        | Milk (gallons).....  | 38,957  |

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REPORT

OF THE

MENDOCINO STATE HOSPITAL.

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# REPORT OF MEDICAL SUPERINTENDENT.

FOR THE YEAR ENDING JUNE 30, 1897.

*To the Honorable Board of Managers of the Mendocino State Hospital:*

GENTLEMEN: In conformity to the law governing State Hospitals for the Insane, I herewith submit for your consideration my annual report of this institution for the year ending June 30, 1897.

## BUILDING AND PERMANENT IMPROVEMENTS.

Since my last annual report a horse barn has been built and paid for out of our contingent fund, sufficiently large to accommodate the horses belonging to the State, with a hay loft capable of carrying hay for the year. Sheds were constructed on each side of the barn for housing wagons, carriages, and farming implements of all kinds.

It being necessary to have more room for the accommodation of patients on Ward 5, rooms were fitted up over these sheds for sleeping apartments for nine employés.

## FARM AND GARDEN.

The farm has furnished sufficient hay for feeding the stock, and we have sold 45,823 pounds of alfalfa hay for \$114 50 in the field.

The garden, under the supervision of our efficient gardener, L. F. Doering, has furnished an abundant supply of vegetables for the wants of the institution. Quite an addition has been made to the number of fruit trees in the orchard. The institution is indebted to the gentlemen in charge of the Experiment Station of the State University at Berkeley, for 150 apple trees of different varieties, most of which are growing vigorously and will no doubt prove a valuable addition to our fruit supply.

By the judicious use of drain tile, all of the low land has been drained and reclaimed, and it is now ready for the plow. This land is of the finest quality, and is highly adapted for garden purposes.

There has been cut on the farm during the year, 41 cords of oak wood; the estimated value of this, at \$3 50 per cord, makes a saving to the State of \$143 50.

## SICKNESS.

During the past year there has been very little sickness among the inmates or employés. No epidemic or contagious diseases, with the exception of two or three mild cases of measles, which occurred with patients recently received; these patients were isolated and the disease did not spread.

## INCREASE IN PATIENTS.

There has been an increase in the number of patients during the last year of 55. Total number of patients, June 30, 1897, 410.

Cost of maintenance per capita, 46½ cents per day, being 3½ cents less than last year.

The percentage of recoveries on admissions is 34.70, and of deaths to whole number treated, 11.47.

## WATER SUPPLY.

There is still an urgent necessity for an increased water supply.

The failure of the Executive to approve the bill passed by the Legislature, for an increased water supply, has worked great hardships upon this institution. At times, there is not sufficient water to run the elevators, and the food and other supplies have to be carried to the various wards.

The lawns are dying out for want of water, and the garden suffers for want of proper irrigation. In case of a fire, we would be practically helpless, and the lives of the inmates would be greatly endangered, to say nothing of the loss of property. I have no suggestions to make that I have not repeatedly presented; the fault does not lie with the Board of Managers.

## FURNITURE.

At the end of the last fiscal year there were twenty-five bedsteads and mattresses that were available for male patients, and fourteen on the female wards. The increase for the past year has been a fraction less than five per month; with a similar increase for the next fiscal year, these beds will be occupied in about eight months.

## ADMINISTRATION BUILDING.

In my last annual report, the attention of the Board was called to the fact that the assembly hall was entirely inadequate, on account of its size, to the wants of the institution. At the present time, on account of the increase of the number of patients, the necessity for a larger hall has become more urgent. As the last Legislature made an appropriation of \$60,000 for an Administration Building, it is to be hoped that an assembly hall of sufficient size will be one of the features, and that the defect will be remedied in the near future.

Respectfully submitted.

E. W. KING,  
Medical Superintendent.

STATISTICAL TABLES, 1896-97.

ANNUAL SUMMARY

*Showing the Number of Patients in the Hospital June 30, 1896; Number Admitted, Number Under Care and Treatment, Number Discharged, Died, and Eloped During the Year, and the Number Remaining in the Hospital on June 30, 1897.*

| From June 30, 1896, to June 30, 1897.             | Males<br>..... | Females<br>..... | Total<br>..... |
|---|----------------|------------------|----------------|
| Number of patients June 30, 1896.....             | 285            | 70               | 355            |
| Number admitted during year.....                  | 158            | 61               | 219            |
| Number returned escapes.....                      | 1              | 0                | 1              |
| <b>Whole number under care and treatment.....</b> | <b>444</b>     | <b>131</b>       | <b>575</b>     |
| Number discharged recovered.....                  | 53             | 23               | 76             |
| Number discharged improved.....                   | 9              | 3                | 12             |
| Number discharged unimproved.....                 | 7              | 2                | 9              |
| Number discharged not insane.....                 | 0              | 1                | 1              |
| Number died.....                                  | 58             | 8                | 66             |
| Number eloped.....                                | 1              | 0                | 1              |
| <b>Number discharged, died, and eloped.....</b>   | <b>128</b>     | <b>37</b>        | <b>165</b>     |
| <b>Number remaining June 30, 1897.....</b>        | <b>316</b>     | <b>94</b>        | <b>410</b>     |

TABLE No. 1.

*Counties from Which 219 Patients Were Committed from July 1, 1896, to July 1, 1897.*

| Counties.          | Males<br>..... | Females<br>..... | Total<br>..... |
|--------------------|----------------|------------------|----------------|
| Alameda.....       | 16             | 7                | 23             |
| Lake.....          | 2              | 1                | 3              |
| Marin.....         | 7              | 3                | 10             |
| Mendocino.....     | 13             | 8                | 21             |
| San Francisco..... | 111            | 34               | 145            |
| Sonoma.....        | 9              | 8                | 17             |
| <b>Totals.....</b> | <b>158</b>     | <b>61</b>        | <b>219</b>     |

TABLE No. 2.

*Nativity of 219 Patients Admitted from July 1, 1896, to July 1, 1897.*

| Nativity.             | Males | Females | Total | Nativity.                 | Males | Females | Total |
|-----------------------|-------|---------|-------|---------------------------|-------|---------|-------|
| <i>United States.</i> |       |         |       | <i>Foreign Countries.</i> |       |         |       |
| America .....         | 0     | 1       | 1     | Austria .....             | 4     | 0       | 4     |
| California .....      | 24    | 16      | 40    | Canada .....              | 4     | 2       | 6     |
| Connecticut .....     | 1     | 0       | 1     | China .....               | 13    | 0       | 13    |
| Iowa .....            | 2     | 0       | 2     | Denmark .....             | 5     | 1       | 6     |
| Illinois .....        | 1     | 1       | 2     | England .....             | 4     | 1       | 5     |
| Kansas .....          | 1     | 0       | 1     | Finland .....             | 2     | 1       | 3     |
| Maine .....           | 0     | 1       | 1     | France .....              | 6     | 1       | 7     |
| Maryland .....        | 2     | 0       | 2     | Germany .....             | 16    | 4       | 20    |
| Massachusetts .....   | 2     | 3       | 5     | Greece .....              | 1     | 0       | 1     |
| Missouri .....        | 2     | 0       | 2     | Japan .....               | 3     | 0       | 3     |
| Michigan .....        | 1     | 0       | 1     | Italy .....               | 9     | 1       | 10    |
| New York .....        | 9     | 4       | 13    | Ireland .....             | 20    | 11      | 31    |
| Ohio .....            | 2     | 1       | 3     | Norway .....              | 2     | 0       | 2     |
| Pennsylvania .....    | 1     | 0       | 1     | Mexico .....              | 2     | 3       | 5     |
| Texas .....           | 0     | 2       | 2     | Russia .....              | 1     | 0       | 1     |
| Tennessee .....       | 1     | 0       | 1     | Switzerland .....         | 2     | 0       | 2     |
| Virginia .....        | 2     | 0       | 2     | Sweden .....              | 2     | 3       | 5     |
| United States .....   | 6     | 2       | 8     | Scotland .....            | 1     | 0       | 1     |
|                       |       |         |       | West Indies .....         | 1     | 0       | 1     |
| Totals .....          | 57    | 31      | 88    | Portugal .....            | 2     | 1       | 3     |
| Unknown .....         | 1     | 1       | 2     |                           |       |         |       |
|                       |       |         |       | Totals .....              | 100   | 29      | 129   |

TABLE No. 3.

*Ages of 219 Patients at the Time of their Admission into the Hospital, from July 1, 1896, to July 1, 1897.*

| Ages.                         | Males | Females | Total |
|-------------------------------|-------|---------|-------|
| Between 10 and 20 years ..... | 3     | 1       | 4     |
| Between 20 and 30 years ..... | 39    | 9       | 48    |
| Between 30 and 40 years ..... | 39    | 22      | 61    |
| Between 40 and 50 years ..... | 37    | 14      | 51    |
| Between 50 and 60 years ..... | 21    | 8       | 29    |
| Between 60 and 70 years ..... | 10    | 6       | 16    |
| Between 70 and 80 years ..... | 3     | 0       | 3     |
| Between 80 and 90 years ..... | 1     | 1       | 2     |
| Unknown .....                 | 5     | 0       | 5     |
| Totals .....                  | 158   | 61      | 219   |

TABLE No. 4.

*Supposed Causes of Insanity in 219 Cases, as Stated in Commitments, from July 1, 1896, to July 1, 1897.*

| Supposed Causes.          | Males | Females | Total | Supposed Causes.         | Males | Females | Total |
|---------------------------|-------|---------|-------|--------------------------|-------|---------|-------|
| Apoplectic stroke         | 1     | 0       | 1     | Masturbation             | 19    | 1       | 20    |
| Alcoholism                | 9     | 0       | 9     | Mining speculations      | 1     | 0       | 1     |
| Business troubles         | 1     | 0       | 1     | Maltreatment of husbands | 0     | 1       | 1     |
| Childbirth                | 0     | 2       | 2     | Opium habit              | 1     | 1       | 2     |
| Cerebral softening        | 1     | 0       | 1     | Old age                  | 0     | 1       | 1     |
| Cerebral inflammation     | 1     | 0       | 1     | Puerperal                | 0     | 1       | 1     |
| Climacteric               | 0     | 4       | 4     | Religious mania          | 0     | 2       | 2     |
| Disappointment in love    | 1     | 1       | 2     | Sunstroke                | 2     | 0       | 2     |
| Exposure to the sun       | 1     | 0       | 1     | Spinal disease           | 1     | 0       | 1     |
| Epilepsy                  | 1     | 0       | 1     | Suppression of menses    | 0     | 1       | 1     |
| Hereditary                | 2     | 3       | 5     | Unknown                  | 106   | 42      | 148   |
| Head injury               | 6     | 0       | 6     | Spiritualism             | 1     | 0       | 1     |
| Hemiplegia when an infant | 0     | 1       | 1     |                          |       |         |       |
| Lues                      | 2     | 0       | 2     | Totals                   | 158   | 61      | 219   |
| Money troubles            | 1     | 0       | 1     |                          |       |         |       |

TABLE No. 5.

*Class of Insanity of 219 Patients, as Stated in Commitments, from July 1, 1896, to July 1, 1897.*

| Class.           | Males | Females | Total |
|------------------|-------|---------|-------|
| Dementia         | 15    | 8       | 23    |
| Epilepsy         | 1     | 2       | 3     |
| Hereditary       | 1     | 0       | 1     |
| Mania            | 15    | 7       | 22    |
| Mania, recurrent | 6     | 4       | 10    |
| Melancholia      | 4     | 6       | 10    |
| Monomania        | 4     | 0       | 4     |
| Unknown          | 112   | 34      | 146   |
| Totals           | 158   | 61      | 219   |

TABLE No. 6.

*Civil Condition of 219 Patients Admitted from July 1, 1896, to July 1, 1897.*

| Civil Condition.    | Males ..... | Females ..... | Total ..... |
|---------------------|-------------|---------------|-------------|
| Divorced .....      | 0           | 2             | 2           |
| Married .....       | 34          | 23            | 57          |
| Single .....        | 109         | 18            | 127         |
| Widows .....        | 0           | 15            | 15          |
| Widowers .....      | 3           | 0             | 3           |
| Unknown .....       | 12          | 3             | 15          |
| <b>Totals .....</b> | <b>158</b>  | <b>61</b>     | <b>219</b>  |

TABLE No. 7.

*Occupations of 219 Patients Admitted from July 1, 1896, to July 1, 1897.*

| Occupation.                  | Males ..... | Females ..... | Total ..... | Occupation.            | Males ..... | Females ..... | Total ..... |
|------------------------------|-------------|---------------|-------------|------------------------|-------------|---------------|-------------|
| Agent .....                  | 1           | 0             | 1           | Miner .....            | 2           | 0             | 2           |
| Actor .....                  | 1           | 0             | 1           | Machinist .....        | 1           | 0             | 1           |
| Actress .....                | 0           | 1             | 1           | Merchant .....         | 2           | 0             | 2           |
| Bartender .....              | 2           | 0             | 2           | Musician .....         | 1           | 3             | 4           |
| Bookbinder .....             | 1           | 0             | 1           | Nurse .....            | 0           | 1             | 1           |
| Bedmaker .....               | 1           | 0             | 1           | No occupation .....    | 11          | 8             | 19          |
| Blacksmith .....             | 3           | 0             | 3           | Printer .....          | 1           | 0             | 1           |
| Barber .....                 | 1           | 0             | 1           | Plasterer .....        | 1           | 0             | 1           |
| Broommaker .....             | 1           | 0             | 1           | Physician .....        | 3           | 0             | 3           |
| Cook .....                   | 5           | 1             | 6           | Picture business ..... | 1           | 0             | 1           |
| Clerk .....                  | 6           | 1             | 7           | Plumber .....          | 1           | 0             | 1           |
| Cooper .....                 | 1           | 0             | 1           | Painter .....          | 3           | 0             | 3           |
| Conductor .....              | 2           | 0             | 2           | Porter .....           | 1           | 0             | 1           |
| Carpet cleaner .....         | 1           | 0             | 1           | Shoemaker .....        | 1           | 0             | 1           |
| Confectioner .....           | 1           | 0             | 1           | Ship carpenter .....   | 1           | 0             | 1           |
| Domestic .....               | 0           | 9             | 9           | Stenographer .....     | 2           | 0             | 2           |
| Fortune-teller .....         | 1           | 0             | 1           | Stock buyer .....      | 1           | 0             | 1           |
| Employé at San Quentin ..... | 1           | 0             | 1           | Sailor .....           | 5           | 0             | 5           |
| Farmer .....                 | 13          | 0             | 13          | Shoe fitter .....      | 0           | 1             | 1           |
| Freight-handler .....        | 1           | 0             | 1           | Teamster .....         | 5           | 0             | 5           |
| Governess .....              | 0           | 1             | 1           | Tanner .....           | 1           | 0             | 1           |
| Housekeeper .....            | 0           | 5             | 5           | Tea man .....          | 1           | 0             | 1           |
| Housemaid .....              | 0           | 1             | 1           | Tinner .....           | 1           | 0             | 1           |
| Housewife .....              | 0           | 11            | 11          | Tailor .....           | 2           | 0             | 2           |
| House servant .....          | 3           | 4             | 7           | Upholsterer .....      | 2           | 0             | 2           |
| Insurance agent .....        | 1           | 0             | 1           | Unknown .....          | 17          | 14            | 31          |
| Lumberman .....              | 1           | 0             | 1           |                        |             |               |             |
| Laborer .....                | 42          | 0             | 42          | <b>Totals .....</b>    | <b>158</b>  | <b>61</b>     | <b>219</b>  |
| Longshoreman .....           | 1           | 0             | 1           |                        |             |               |             |

TABLE No. 8.

*Causes of Death of 66 Patients from July 1, 1896, to July 1, 1897.*

| Date, and Cause of Death. |   | Age | Males | Females |
|---------------------------|---|-----|-------|---------|
| 1896.                     |   |     |       |         |
| July                      | 4—Consumption                                 | 24  | 1     |         |
|                           | 24—Suicide while on leave of absence          | 26  | 1     |         |
| Aug.                      | 8—Exhaustion from chronic brain disease       | 42  | 1     |         |
|                           | 15—Epilepsy                                   | 50  | 1     |         |
|                           | 15—General paresis                            | 30  | 1     |         |
|                           | 16—Apoplexy                                   | 58  | 1     |         |
|                           | 24—Consumption                                | 33  | 1     |         |
|                           | 27—Heart disease                              | 38  | 1     |         |
| Sept.                     | 11—Exhaustion from chronic brain disease      | 65  | 1     |         |
|                           | 14—General paresis                            | 45  | 1     |         |
|                           | 20—Exhaustion from chronic brain disease      | 54  | 1     |         |
|                           | 21—Exhaustion from chronic brain disease      | 70  |       | 1       |
|                           | 21—Senility                                   | 82  | 1     |         |
|                           | 25—Exhaustion from chronic brain disease      | 24  | 1     |         |
|                           | 28—General paresis                            | 42  |       | 1       |
|                           | 30—Exhaustion from peritoneal inflammation    | 35  |       | 1       |
| Oct                       | 1—Senility                                    | 65  |       | 1       |
|                           | 5—Exhaustion from chronic brain disease       | 24  | 1     |         |
|                           | 7—General paresis                             | 66  | 1     |         |
|                           | 14—Consumption                                | 23  |       | 1       |
|                           | 26—Softening of the brain                     | 73  | 1     |         |
|                           | 27—Chronic inflammation of stomach and bowels | 33  | 1     |         |
|                           | 28—General paresis                            | 38  | 1     |         |
| Nov.                      | 6—General paresis                             | 40  | 1     |         |
|                           | 8—General paresis                             | 53  | 1     |         |
|                           | 8—General paresis                             |     | 1     |         |
|                           | 23—General paresis                            | 50  | 1     |         |
|                           | 24—Exhaustion from chronic brain disease      |     | 1     |         |
|                           | 25—Apoplexy                                   | 63  | 1     |         |
|                           | 25—Exhaustion from acute mania                | 38  | 1     |         |
| Dec.                      | 4—General paresis                             | 30  | 1     |         |
|                           | 5—Exhaustion from chronic brain disease       | 63  | 1     |         |
|                           | 6—Old age                                     | 83  | 1     |         |
|                           | 14—General paresis                            | 50  | 1     |         |
|                           | 20—Exhaustion from acute mania                | 47  | 1     |         |
|                           | 25—Exhaustion from chronic brain disease      | 55  | 1     |         |
| 1897.                     |   |     |       |         |
| Jan.                      | 16—General paresis                            | 50  | 1     |         |
|                           | 10—General paresis                            | 40  | 1     |         |
|                           | 11—Suicide by hanging                         | 39  |       | 1       |
|                           | 14—Consumption                                | 41  | 1     |         |
|                           | 18—General paresis                            | 41  | 1     |         |
|                           | 24—Consumption                                | 24  | 1     |         |
| Feb.                      | 1—Bright's disease                            | 70  |       | 1       |
|                           | 3—Atheroma of cerebral artery                 | 72  | 1     |         |
|                           | 17—General paresis                            | 56  | 1     |         |
|                           | 25—General paresis                            | 39  | 1     |         |
|                           | 25—Exhaustion from chronic brain disease      |     | 1     |         |
| Mar.                      | 5—Exhaustion from chronic brain disease       | 33  | 1     |         |
|                           | 6—Acute puerperal mania                       | 30  |       | 1       |
|                           | 9—Old age                                     | 76  | 1     |         |
|                           | 13—Epilepsy                                   | 21  | 1     |         |
|                           | 14—Exhaustion from chronic brain disease      | 53  | 1     |         |
|                           | 26—Exhaustion from chronic brain disease      | 34  | 1     |         |
| Apr.                      | 2—Exhaustion from chronic brain disease       | 36  | 1     |         |
|                           | 16—Consumption                                | 21  | 1     |         |
|                           | 25—General paresis                            | 39  | 1     |         |
|                           | 28—Exhaustion from chronic brain disease      | 73  | 1     |         |
|                           | 28—Exhaustion from chronic brain disease      | 41  | 1     |         |
| May                       | 13—General paresis                            | 43  | 1     |         |
|                           | 13—Epilepsy                                   | 33  | 1     |         |
|                           | 18—Tuberculosis                               | 36  | 1     |         |

TABLE No. 8—Continued.

| Date, and Cause of Death. |   | Age ..... | Males .. | Females.. |
|---------------------------|---|-----------|----------|-----------|
| 1897.                     |   |           |          |           |
| May 21—                   | Exhaustion from chronic brain disease ..... | 78        | 1        | .....     |
|                           | 23—General paresis .....                    |           | 1        | .....     |
|                           | 27—General paresis .....                    | 22        | 1        | .....     |
| June 10—                  | Cerebral hemorrhage .....                   | 67        | 1        | .....     |
|                           | 22—General paresis .....                    | 60        | 1        | .....     |
| Totals .....              |   |           | 58       | 8         |

TABLE No. 9.

Recapitulation of Causes of Death of 66 Patients from July 1, 1896, to July 1, 1897.

| Causes of Death.                                | Males ..... | Females.. | Total ..... | Causes of Death.                           | Males .. | Females.. | Total ..... |
|---|-------------|-----------|-------------|--|----------|-----------|-------------|
| Acute puerperal mania ..                        | 0           | 1         | 1           | Epilepsy .....                             | 3        | 0         | 3           |
| Atheroma of the cerebral arteries ..            | 1           | 0         | 1           | Exhaustion from peritoneal inflammation .. | 0        | 1         | 1           |
| Apoplexy .....                                  | 2           | 0         | 2           | General paresis .....                      | 20       | 1         | 21          |
| Bright's disease .....                          | 0           | 1         | 1           | Heart failure .....                        | 1        | 0         | 1           |
| Consumption .....                               | 5           | 1         | 6           | Old age .....                              | 2        | 0         | 2           |
| Chronic inflammation of stomach and bladder ..  | 1           | 0         | 1           | Suicide .....                              | 1        | 1         | 2           |
| Cerebral hemorrhage ..                          | 1           | 0         | 1           | Senility .....                             | 1        | 1         | 3           |
| Exhaustion from chronic disease of the brain .. | 16          | 1         | 17          | Softening of the brain ..                  | 1        | 0         | 1           |
| Exhaustion from acute mania .....               | 2           | 0         | 2           | Tuberculosis .....                         | 1        | 0         | 1           |
|   |             |           |             | Totals .....                               | 58       | 8         | 66          |

TABLE No. 10.

Articles Made in Sewing-Room from July 1, 1896, to July 1, 1897.

| Articles.                               | No. | Articles.   | No. |
|---|-----|---|-----|
| Aprons, white .....                     | 95  | Napkins, hemmed .....                             | 60  |
| Aprons, colored .....                   | 83  | Night dresses .....                               | 79  |
| Aprons, rubber .....                    | 8   | Pillowslips, white .....                          | 96  |
| Bedspreads, hemmed .....                | 18  | Pillowslips, colored .....                        | 187 |
| Blankets, canvas .....                  | 1   | Skirts .....                                      | 90  |
| Bedticks .....                          | 131 | Sheets .....                                      | 675 |
| Bags, assorted sizes .....              | 43  | Shrouds .....                                     | 55  |
| Chemises .....                          | 3   | Suspenders, bedticking ..                         | 68  |
| Coats, waiters .....                    | 12  | Strings, restraint .....                          | 24  |
| Caps, night .....                       | 40  | Table cloths, hemmed .....                        | 31  |
| Coffin pillows .....                    | 54  | Towels, bath .....                                | 373 |
| Curtains, pantry .....                  | 9   | Towels, roller .....                              | 105 |
| Dresses .....                           | 162 | Towels, dish .....                                | 298 |
| Drop cloth for painter ..               | 1   | Towels, huck, whipped ..                          | 150 |
| Drawers, for male patients (pairs) ..   | 479 | Undershirts, for male patients, Canton flannel .. | 409 |
| Drawers, for female patients (pairs) .. | 73  | Undershirts, for female patients ..               | 27  |
| Iron holders for laundry .....          | 24  | Waists .....                                      | 17  |
| Jackets, restraint .....                | 17  |   |     |
| Mats, canvas, for spittoons .....       | 17  |   |     |

STEWARD'S DEPARTMENT.

TABLE No. 11.

*Amount of Articles Purchased and Consumed, and Other Expenses, for the Fiscal Year Ending June 30, 1897.*

| Articles.                         | Value.     | Articles.                           | Value.      |
|-----------------------------------|------------|-------------------------------------|-------------|
| Flour .....                       | \$2,666 80 | Blankets .....                      | \$262 35    |
| Meat .....                        | 3,019 54   | Furniture and crockery .....        | 241 36      |
| Sugar .....                       | 848 13     | Hams and bacon .....                | 154 90      |
| Tea .....                         | 168 50     | Hardware and tinware .....          | 622 48      |
| Syrup .....                       | 159 40     | Cutlery and spoons .....            | 31 27       |
| Potatoes .....                    | 707 39     | Carpet and matting .....            | 70 88       |
| Butter .....                      | 1,863 30   | Grain and feed .....                | 287 53      |
| Chicory and coffee .....          | 482 16     | Garden seeds and tools .....        | 71 07       |
| Beans .....                       | 202 94     | Lumber .....                        | 493 28      |
| Fish .....                        | 495 06     | Building material and repairs ..... | 459 78      |
| Poultry and eggs .....            | 505 29     | Brooms and brushes .....            | 142 21      |
| Rice and cracked wheat .....      | 290 03     | Books and stationery .....          | 42 95       |
| Corn and oatmeal .....            | 208 18     | Gasoline .....                      | 1,122 00    |
| Fruit, canned and dried .....     | 471 21     | Fuel .....                          | 4,479 05    |
| Salt .....                        | 43 85      | Paints and oils .....               | 267 15      |
| Vinegar .....                     | 48 57      | Bedding .....                       | 107 55      |
| Small groceries .....             | 464 67     | Castings and iron pipe .....        | 54 62       |
| Spices and extracts .....         | 13 49      | Miscellaneous .....                 | 303 16      |
| Baking powder and soda .....      | 73 49      | Payroll .....                       | 34,841 90   |
| Crackers .....                    | 81 38      | Blacksmithing .....                 | 25 87       |
| Pickles .....                     | 57 22      | Salary of Board of Managers .....   | 1,701 80    |
| Pearl barley and split peas ..... | 20 25      | Freight and express .....           | 600 74      |
| Hominy .....                      | 30 00      | Milk .....                          | 1,600 16    |
| Salt fish .....                   | 25 70      | Postage .....                       | 50 00       |
| Cheese .....                      | 44 73      | Typewriter .....                    | 80 00       |
| Advertising .....                 | 401 00     | Sprinkling wagon .....              | 100 00      |
| Soap .....                        | 352 22     | Window guards and transoms .....    | 190 00      |
| Drugs .....                       | 603 11     | Surveying .....                     | 30 00       |
| Liquors .....                     | 85 29      | Harness .....                       | 51 50       |
| Tobacco .....                     | 593 46     | Sewing-machine and motor .....      | 65 25       |
| Dry goods .....                   | 1,143 07   | Horse .....                         | 75 00       |
| Clothing and hats .....           | 972 21     |                                     |             |
| Shoes and leather .....           | 487 95     | Total .....                         | \$66,498 28 |

TABLE No. 12.

*Cost of the Different Departments for the Fiscal Year Ending June 30, 1897.*

| Departments.                    | Cost.       | Departments.                      | Cost.       |
|---------------------------------|-------------|-----------------------------------|-------------|
| Kitchen and dining-room .....   | \$12,451 23 | Steward's office and store .....  | \$207 35    |
| Male department .....           | 2,405 95    | Payroll .....                     | 34,841 90   |
| Female department .....         | 256 42      | Permanent improvements .....      | 627 95      |
| Bakery .....                    | 2,582 16    | Laundry building .....            | 66 24       |
| Laundry .....                   | 207 83      | Freight .....                     | 454 49      |
| Engine and boiler rooms .....   | 180 93      | Expressage and telegraphing ..... | 146 25      |
| Farm, garden, and stable .....  | 841 01      | Paint shop .....                  | 250 64      |
| Expense of administration ..... | 1,701 50    | Shoe shop .....                   | 63 37       |
| Building and repairs .....      | 399 69      | Carpenter shop .....              | 277 04      |
| Miscellaneous .....             | 104 06      | Advertising .....                 | 401 00      |
| Drug store .....                | 708 09      | Gas house .....                   | 1,122 00    |
| Sewing-room .....               | 1,034 34    | Fuel .....                        | 4,479 05    |
| Furnishing .....                | 584 23      |                                   |             |
| Administration building .....   | 89 57       | Total .....                       | \$66,498 28 |

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TABLE No. 13.

*Disbursements for the Fiscal Year Ending June 30, 1897.*

| For What Purpose.                           | Cost.       |
|---|-------------|
| Maintenance .....                           | \$65,286 10 |
| Furnishing and permanent improvements ..... | 1,212 18    |
| Total .....                                 | \$66,498 28 |

TABLE No. 14.

*Averages for the Fiscal Year Ending June 30, 1897.*

| Months.            | Average No. of Patients Daily. | Average Daily Expense. | Average Cost per Capita per Day. | Average Cost per Capita per Month. |
|--------------------|--------------------------------|------------------------|----------------------------------|------------------------------------|
| 1896—July .....    | 359.1                          | \$173 67               | \$0 48.3                         | \$14 97                            |
| August .....       | 363.6                          | 151 11                 | 41.5                             | 12 86                              |
| September .....    | 344.3                          | 169 99                 | 46.6                             | 13 98                              |
| October .....      | 365.9                          | 169 12                 | 46.2                             | 14 32                              |
| November .....     | 374.4                          | 186 71                 | 49.8                             | 14 94                              |
| December .....     | 383.1                          | 188 10                 | 49                               | 15 19                              |
| 1897—January ..... | 378.8                          | 178 67                 | 46.6                             | 14 45                              |
| February .....     | 389.9                          | 184 10                 | 47.2                             | 13 21                              |
| March .....        | 394.8                          | 187 31                 | 47.4                             | 14 70                              |
| April .....        | 405.3                          | 192 27                 | 47.4                             | 14 22                              |
| May .....          | 410.8                          | 174 97                 | 42.5                             | 13 18                              |
| June .....         | 413.5                          | 193 78                 | 46.8                             | 14 05                              |
| Totals .....       | 383.6                          | \$178 98               | \$0 46.5                         | \$14 17                            |

TABLE No. 15.

*Products of the Farm and Garden for the Fiscal Year Ending June 30, 1897.*

| Articles.            | Amount.     | Articles.          | Amount.     |
|----------------------|-------------|--------------------|-------------|
| Asparagus .....      | 50 lbs.     | Pumpkins .....     | 93          |
| Beans .....          | 1,950 lbs.  | Potatoes .....     | 46,137 lbs. |
| Beets .....          | 2,532 lbs.  | Pork .....         | 12,110 lbs. |
| Cabbage .....        | 8,606 lbs.  | Radishes .....     | 435 lbs.    |
| Carrots .....        | 17,538 lbs. | Rutabagas .....    | 3,270 lbs.  |
| Cauliflower .....    | 130 lbs.    | Rhubarb .....      | 414 lbs.    |
| Celery .....         | 2,851 lbs.  | Strawberries ..... | 188 lbs.    |
| Corn .....           | 986 doz.    | Gooseberries ..... | 61 lbs.     |
| Cucumbers .....      | 567 doz.    | Kohlrabi .....     | 89 lbs.     |
| Eggs .....           | 46½ doz.    | Tomatoes .....     | 5,581 lbs.  |
| Lettuce .....        | 2,548 lbs.  | Turnips .....      | 6,810 lbs.  |
| Leeks .....          | 918 lbs.    | Gherkins .....     | 60 lbs.     |
| Watermelons .....    | 174         | Horseradish .....  | 75 lbs.     |
| Muskmelons .....     | 1,571       | Wood .....         | 82 cds.     |
| Onions .....         | 5,000 lbs.  | Sauerkraut .....   | 6 bbls.     |
| Parsnips .....       | 4,529 lbs.  | Grain hay .....    | 25 tons     |
| Peas .....           | 862 lbs.    | Alfalfa hay .....  | 31 tons     |
| Peppers, green ..... | 458 lbs.    |                    |             |

## REPORT OF MEDICAL SUPERINTENDENT.

FOR THE YEAR ENDING JUNE 30, 1898.

*To the Honorable Board of Managers of the Mendocino State Hospital:*

GENTLEMEN: I herewith present my annual report for the fiscal year ending June 30, 1898, as follows:

## STATISTICAL TABLES, ETC.

*Movement of Patients for the Year Ending June 30, 1898.*

|   | Males..... | Females.. | Total..... |
|---|------------|-----------|------------|
| Number of patients June 30, 1897.....     | 318        | 94        | 410        |
| Number admitted during the year.....      | 151        | 60        | 211        |
| Number returned escapes.....              | 2          | 0         | 2          |
| Number under care and treatment.....      | 469        | 154       | 623        |
| Number discharged recovered.....          | 42         | 14        | 56         |
| Number discharged improved.....           | 8          | 5         | 13         |
| Number discharged unimproved.....         | 3          | 1         | 4          |
| Number died.....                          | 53         | 14        | 67         |
| Number escaped.....                       | 6          | 0         | 6          |
| Number discharged, died, and escaped..... | 112        | 34        | 146        |
| Number remaining June 30, 1898.....       | 357        | 120       | 477        |

From the appended table of statistics, it will be seen that we have an increase in the number of patients during the last twelve months of 67. During the preceding year the increase was 59, making for the two years covered by the biennial report, an increase of 126, or 5¼ per month for the two years ending June 30, 1898.

The seemingly rapid increase in the percentage of insane people to the population in this State, and other civilized countries, has attracted

much attention of late, and the question is often asked: What is the cause of so much mental derangement among the people? This question is not an easy problem; the causes which produce insanity are many and far-reaching in their effects, and are firmly ingrafted upon the habits and customs of modern civilization. This is not the place to discuss in detail so important a question, but a few facts which have come under my observation may be of interest.

There have been committed to this institution during the last two years, ending June 30, 1898, 430 patients. Of these, 51 had been in an asylum before, some of them two, three, and a few as many as five times. Of the 430 patients, 81, or 18.8 per cent, used or had used alcohol, in some form, to excess; 52, or 12 per cent, used morphine or cocaine, either separate, or together, and frequently with alcohol to excess. In 153 cases no report as to the use of alcohol was made on the accompanying commitment, and the meager family history given in the commitment gave no information in regard to the matter. There is no reason why alcohol, morphine, and cocaine should not be classed together as immediate or exciting causes of insanity. If we do this, we have 133 of the 430 cases, or about 30 per cent of all the cases committed, using some deleterious drug to excess. Here we evidently have some of the most prolific causes of insanity brought to light. Among the remoter predisposing causes, heredity takes first rank. This is a universally admitted fact by nearly all of the authors upon insanity. But how is this hereditary predisposition acquired? Certainly a predisposition to insanity is not a normal condition. It is a well-known fact that the improper use of alcohol in any of its various forms, or the use of morphine or cocaine to excess, produces degeneration in the nervous tissue of the offspring. The children of such parents, as a rule, have less mental capacity, less energy, or less nervous force, are more liable to suffer from nervous diseases in their various forms, particularly from epilepsy, hysteria, chorea, and insanity. They have frequently an inherited tendency to the use of stimulants, and a weak will to resist temptations to excesses, thus increasing and perpetuating the tendency to nervous and somatic degeneration, until finally the family becomes extinct. Kraepelin, a celebrated author on insanity, says: "Among the poisons which cause disturbance of the mental faculties, alcohol plays by far the most important part. From 10 to 30 and even 40 per cent of all cases of mental derangement are produced by alcohol in some form. The causative significance of the action of alcohol above all else depends upon its poisonous action upon the cortex or gray substance of the brain."

Demme, another German writer, in his work on the influence of alcohol upon the organism of children, says: "Twenty families were under

observation for twelve years; these families were divided into two groups. In the first group, the parents were drinkers; the second group were temperate. Among the group of drinkers there were 57 children, and of these only 10, or 17.5 per cent were entirely normal. The other children suffered from various forms of degeneration, deformity, chorea, epilepsy, idiocy, and some were dwarfs. Twenty-five, or 43.7 per cent, died before the end of the first year of life. Among the temperate families, there were 61 children; of these, only 5 died in childhood. Fifty, or 81.9 per cent, were healthy;" and he adds, "these experiences show conclusively that chronic alcoholic poisoning not only destroys the individual who drinks, but places the stamp of degeneration upon the coming generations."

Clauston, a well-known English writer upon insanity, says, in speaking of the causes of insanity: "Alcohol is, unfortunately, the most common of all the causes of insanity, in some cases producing it *de novo*, and in others bringing into activity, hereditary and acquired brain weaknesses. From 15 to 20 per cent of the cases of mental disease may, taking the country throughout, be put down to alcohol, as a cause, wholly or in part. There are few of the unfavorable conditions of life that by themselves cause more human degeneration than by the use of alcohol. These degenerations are transmitted from generation to generation in some form or other by hereditary laws, if not corrected by new and improved conditions of life."

#### CLINICAL RECORD.

From the opening of this institution on the 12th day of December, 1893, up to May 1, 1898, no well-defined plan had been adopted for keeping a clinical record. Up to this time each physician made such notes of his cases as were necessary for a careful understanding of the case. Under this system it was found impossible, without great labor, to write up a history of any particular case. In order to do this it would be necessary to review the notebook from the time the patient was admitted until the case was discharged or had died. This was found to be very unsatisfactory, and upon consultation with Dr. F. W. Hatch, General Superintendent of the State Commission in Lunacy, we have devised a system by which a careful history is kept of each case from the time the patient is received up to the time he or she ceases to be an inmate of this hospital. The record of each case becomes a continuous record while the patient remains under observation, and can be referred to at any time by the Superintendent or the friends of the patient. Each case is numbered, indorsed, and filed, and becomes a part of the records of the institution. Such a record, if properly kept, besides being valuable for reference by the medical staff, might be very

valuable from a medico-legal point of view, in cases where property rights were involved. In addition to this record and as a part of the same, careful post-mortem examinations of all cases dying at the hospital, where no objection is made, and where the remains are buried at the hospital, are made. These examinations are carefully noted in the post-mortem book, and become a part of the clinical record, thus enabling the physician to verify or not, as the case may be, the diagnosis.

#### WATER SUPPLY.

Since my last annual report there has been considerable progress made toward completing our water-supply system. A new pipe line has been laid (12, 13, and 14 inches), and a contract has been let for constructing a dam to impound water for same. The total cost of pipe line and dam will be about \$11,000. When this system has been completed, as it will be in a few months, we will have a complete water system, which will furnish us ample water for all of the needs of the hospital and grounds, for lighting, and, during most of the year, power for running machinery.

#### SICKNESS.

During the last fiscal year, the health of the institution has been excellent. No epidemic or contagious diseases.

#### FARM AND GARDEN.

It will be seen, by reference to the Steward's report, that sufficient hay has been raised on the farm to more than supply the demands of the institution; the surplus has been sold and the money placed to the credit of the contingent fund. The garden has furnished an ample supply of all vegetables used, as well as a supply of potatoes for about six months of the year.

#### LIGHTING PLANT.

Our water-supply system will be completed in a short time, when we will be prepared to furnish water power for electric lighting, and I would recommend that your Honorable Board ask the next Legislature for an appropriation for that purpose. The estimated cost of waterwheel, and a dynamo that will furnish 360 lights, with a capacity for several arc lights, is \$1,000; freight and setting up of same, \$250; cost of wiring and for lamps, \$750; making a total estimated cost of the entire plant of \$2,000.

#### ICE PLANT AND COOLING ROOM.

The same urgent necessity still exists for an ice plant and cold-storage room for keeping meat, etc., as heretofore. In a hot climate like this, ice and cold storage become a necessity. The estimated cost of such a plant, outside of a building for the same, is \$3,000.

## BUILDING FOR LIGHTING PLANT.

A small building will be necessary to house the lighting plant, and also the ice plant. The estimated cost of the same will not exceed the sum of \$1,000.

## ASSEMBLY HALL.

This institution is yet without an assembly hall. The hall which we are at present using was intended for a dormitory for patients, and it is entirely inadequate for an assembly hall. The present plans of the buildings contemplate the erection of such a hall between the present Ward Building and the Administration Building soon to be erected. Not until this hall is built will the structure be complete. The estimated cost of such a hall, or building, to contain an assembly hall, is \$16,000.

## FIRE PROTECTION FOR ATTICS.

The institution is well protected from fire, with the exception of the several attics. Should a fire break out in either of these attics, it would be very difficult to control it. The ventilators from the wards open into the attics, and through these ventilators dust, lint, etc., are carried by the draft and deposited in the attics. This deposit is very inflammable, and if a fire should ever start it would be difficult to control it. The access to these attics is through an opening in the ceiling of the upper wards, and by ladder only. There are no fire hydrants in any of the attics, and in case of a fire at this point we would be practically helpless. A passageway to these attics should be constructed, so that they will be easy of access when necessary. The ventilators should be extended outside of the building, and an efficient water system put in, which could be used in case of a fire. This is a matter that requires urgent attention. The estimated cost of these improvements is \$5,000.

## SEWER.

The sewage from the present system is dropped into a small creek on the ground of J. P. Hoffman, about 3,500 feet from the building. During the dry season this creek becomes dry and deposits from the sewer make it very offensive. Trouble is sure to arise, unless this condition of affairs is corrected. Probably the surest and most effectual way to do this is by fire. In many places sewage and other garbage are effectually and economically destroyed by cremation. This will involve an expense probably of about \$10,000 for a plant. From what information I can get, the expense after the plant has been erected will be very small. An extension of the sewer would involve considerable expense, and in the near future would probably be subject to the same objection as at present, that it would become offensive. If a crematory is built and it gives satisfaction, the sewage would no longer be a disturbing feature.

## FURNITURE FOR WARDS AND CENTER BUILDING.

When the Administration Building is completed and ready for occupancy we will have two new wards, which will accommodate about one hundred and fifty more patients. These wards will have to be furnished.

|   |                 |
|---|-----------------|
| It will cost about \$20 per bed to do this, or about.....     | \$3,000 00      |
| Cost of furnishing 7 attendants' rooms.....                   | 210 00          |
| Cost of furnishing two ward dining-rooms.....                 | 300 00          |
| Estimated cost for furniture for Administration Building..... | <u>3,000 00</u> |
| Total estimated cost for furniture.....                       | \$6,510 00      |

## MAINTENANCE.

The number of patients in the hospital on June 30, 1898, was 477. The average increase for the last four years has been between 5 and 6 each month. At this rate of increase, we would have on June 30, 1899, about 550 patients. The average cost per capita for the last year has been nearly 45 cents per day. Figuring at this rate for 550 patients for the year, it will take an appropriation of \$90,337 50.

At the same rate of increase, we will have during the year 1900 and 1901, 620 patients, which, at the same per capita cost, would require an appropriation of \$101,835. Total for the two years, \$192,172 50.

## RECAPITULATION.

|  |                 |
|--|-----------------|
| For lighting plant, dynamo, motor, wiring, etc., complete.....         | \$2,000 00      |
| For ice plant and cold storage system.....                             | 3,000 00        |
| For building for ice plant, etc.....                                   | 1,000 00        |
| For connecting building between Ward and Administration Buildings..... | 16,000 00       |
| For improvements in attics, protection against fire, etc.....          | 5,000 00        |
| For crematory system for destroying sewage, etc.....                   | 10,000 00       |
| For furniture for Ward and Administration Buildings.....               | <u>6,510 00</u> |
| Total.....   | \$43,510 00     |

## ENTERTAINMENTS.

As before mentioned, we are very much in need of an assembly hall for entertainments and for religious services. The dormitory now in use for such purposes is much too small, and in summer is very warm and uncomfortable, and besides it will soon be needed for patients. For this reason, our entertainments have not been as satisfactory as they would have been had we had sufficient room.

The steadily increasing number of patients renders the erection of an assembly hall a more pressing necessity than ever.

## ACKNOWLEDGMENTS.

I desire to acknowledge the regular receipt of the following newspapers and periodicals which have been gratuitously sent and distributed among the patients. They are greatly appreciated by them,

and I desire to thus take the means of thanking the publishers of the same for their kind remembrance of these unfortunate people:

|                                |                                      |
|--------------------------------|--------------------------------------|
| San Francisco Argus.           | Amador Dispatch.                     |
| San Francisco Wasp.            | Yolo Mail.                           |
| San Francisco News Letter.     | Colusa Sun.                          |
| Virginia Chronicle (Nevada).   | Oakland Enquirer.                    |
| La Voce Del Popolo.            | Point Arena Record.                  |
| Salinas Weekly Journal.        | Santa Cruz Surf.                     |
| L' Italia.                     | Petaluma.                            |
| Marysville Daily Appeal.       | Napa Register.                       |
| San Francisco Abend Post.      | Salinas Democrat.                    |
| Sacramento Record-Union.       | Sacramento Bee.                      |
| A Uniao Portegueza.            | Biggs Argus.                         |
| New England Staats Zeitung.    | San Francisco Breeder and Sportsman. |
| Marysville Semi-Weekly Appeal. | San José Herald.                     |
| Ukiah Republican Press.        | La Vita.                             |
| Ukiah Dispatch-Democrat.       | Visalia Delta.                       |
| Fort Bragg Advocate.           | Mendocino Beacon.                    |

To the officers and employés of this institution, I desire to extend my sincere thanks, not only for the efficient manner in which they have performed their duties, but for the active interest they have taken in the work.

To you, gentlemen of the Board, I shall ever feel grateful for your uniform kindness and courtesy, and for the careful consideration which you have always given to recommendations which I have made from time to time relating to the welfare of the institution.

Respectfully submitted.

E. W. KING,  
Medical Superintendent.

## GENERAL STATISTICS.

*Number of Admissions, Recoveries, Deaths, etc., from December 12, 1893, to July 1, 1898.*

|  | Dec. 12, '93,<br>to<br>July 1, '94. | July 1, '94,<br>to<br>July 1, '95. | July 1, '95,<br>to<br>July 1, '96. | July 1, '96,<br>to<br>July 1, '97. | July 1, '97,<br>to<br>July 1, '98. |
|--|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Admissions.....                            | 237                                 | 182                                | 192                                | 219                                | 211                                |
| Returned escapes.....                      | 0                                   | 0                                  | 4                                  | 1                                  | 2                                  |
| Recoveries.....                            | 13                                  | 63                                 | 74                                 | 76                                 | 56                                 |
| Discharges uncured.....                    | 1                                   | 7                                  | 13                                 | 22                                 | 17                                 |
| Deaths.....                                | 7                                   | 27                                 | 45                                 | 66                                 | 67                                 |
| Escapes.....                               | 0                                   | 4                                  | 4                                  | 1                                  | 6                                  |
| Number resident at close of each year..... | 215                                 | 296                                | 355                                | 410                                | 470                                |
| Whole number treated.....                  | 237                                 | 397                                | 492                                | 575                                | 623                                |
| Increase.....                              | 215                                 | 81                                 | 59                                 | 55                                 | 67                                 |
| Per cent of recoveries to admissions.....  | .55                                 | 34.62                              | 38.54                              | 34.65                              | 26.54                              |
| Per cent of deaths on number treated.....  | 2.95                                | 6.80                               | 9.15                               | 8.71                               | 10.75                              |

## STATISTICAL TABLES, 1897-98.

## ANNUAL SUMMARY

*Showing the Number of Patients in the Hospital June 30, 1897; Number Admitted, Number Under Care and Treatment, Number Discharged, Died, and Escaped during the Year, and the Number Remaining in the Hospital on June 30, 1898.*

|   | From June 30, 1897, to June 30, 1898. |              | Total..... |
|---|---------------------------------------|--------------|------------|
|   | Males.....                            | Females..... |            |
| Number of patients June 30, 1897.....     | 316                                   | 94           | 410        |
| Number admitted during the year.....      | 151                                   | 60           | 211        |
| Number of returned escapes.....           | 2                                     | 0            | 2          |
| Number under care and treatment.....      | 469                                   | 154          | 623        |
| Number discharged recovered.....          | 42                                    | 14           | 56         |
| Number discharged improved.....           | 8                                     | 5            | 13         |
| Number discharged unimproved.....         | 3                                     | 1            | 4          |
| Number died.....                          | 53                                    | 14           | 67         |
| Number escaped.....                       | 6                                     | 0            | 6          |
| Number discharged, died, and escaped..... | 112                                   | 34           | 146        |
| Number remaining June 30, 1898.....       | 357                                   | 120          | 477        |

TABLE No. 1.

*Counties from Which 211 Patients were Committed from July 1, 1897, to July 1, 1898.*

| Counties.           | Males      | Females   | Total      |
|---------------------|------------|-----------|------------|
| Alameda .....       | 13         | 10        | 23         |
| Contra Costa .....  | 1          | 0         | 1          |
| Lake .....          | 4          | 2         | 6          |
| Marin .....         | 2          | 0         | 2          |
| Mendocino .....     | 16         | 5         | 21         |
| San Francisco ..... | 98         | 38        | 136        |
| Siskiyou .....      | 1          | 0         | 1          |
| Shasta .....        | 1          | 0         | 1          |
| Sonoma .....        | 15         | 5         | 20         |
| <b>Totals</b> ..... | <b>151</b> | <b>60</b> | <b>211</b> |

TABLE No. 2.

*Nativity of 211 Patients Admitted from July 1, 1897, to July 1, 1898.*

| Nativity.             | Males     | Females   | Total      | Nativity.                 | Males     | Females   | Total      |
|-----------------------|-----------|-----------|------------|---------------------------|-----------|-----------|------------|
| <i>United States.</i> |           |           |            | <i>Foreign Countries.</i> |           |           |            |
| California .....      | 15        | 11        | 26         | Australia .....           | 0         | 1         | 1          |
| Indiana .....         | 1         | 1         | 2          | Austria .....             | 3         | 0         | 3          |
| Illinois .....        | 2         | 1         | 3          | China .....               | 11        | 0         | 11         |
| Iowa .....            | 1         | 1         | 2          | Canada .....              | 3         | 2         | 5          |
| Kansas .....          | 1         | 0         | 1          | Denmark .....             | 2         | 1         | 3          |
| Maine .....           | 3         | 0         | 3          | England .....             | 2         | 2         | 4          |
| Michigan .....        | 2         | 1         | 3          | France .....              | 1         | 1         | 2          |
| Massachusetts .....   | 5         | 4         | 9          | Finland .....             | 3         | 0         | 3          |
| Maryland .....        | 1         | 0         | 1          | Germany .....             | 19        | 4         | 23         |
| Missouri .....        | 2         | 0         | 2          | Ireland .....             | 14        | 13        | 27         |
| Minnesota .....       | 0         | 1         | 1          | Italy .....               | 8         | 1         | 9          |
| New York .....        | 13        | 3         | 16         | Mexico .....              | 1         | 1         | 2          |
| Nebraska .....        | 2         | 0         | 2          | Norway .....              | 2         | 1         | 3          |
| New Hampshire .....   | 1         | 0         | 1          | Portugal .....            | 1         | 1         | 2          |
| Nevada .....          | 0         | 1         | 1          | Scotland .....            | 2         | 0         | 2          |
| Ohio .....            | 9         | 0         | 9          | Switzerland .....         | 3         | 0         | 3          |
| Pennsylvania .....    | 3         | 0         | 3          | Sweden .....              | 1         | 3         | 4          |
| Virginia .....        | 1         | 2         | 3          |                           |           |           |            |
| Vermont .....         | 1         | 0         | 1          | <b>Totals</b> .....       | <b>76</b> | <b>31</b> | <b>107</b> |
| Wisconsin .....       | 4         | 0         | 4          |                           |           |           |            |
| United States .....   | 5         | 3         | 8          |                           |           |           |            |
| <b>Totals</b> .....   | <b>72</b> | <b>29</b> | <b>101</b> |                           |           |           |            |
| Unknown .....         | 3         | 0         | 3          |                           |           |           |            |

TABLE No. 3.

*Ages of 211 Patients at the Time of their Admission into the Hospital, from July 1, 1897, to July 1, 1898.*

| Ages.                        | Males      | Females   | Total      |
|------------------------------|------------|-----------|------------|
| Between 10 and 20 years..... | 1          | 1         | 2          |
| Between 20 and 30 years..... | 27         | 10        | 37         |
| Between 30 and 40 years..... | 47         | 18        | 65         |
| Between 40 and 50 years..... | 36         | 15        | 51         |
| Between 50 and 60 years..... | 19         | 4         | 23         |
| Between 60 and 70 years..... | 13         | 6         | 19         |
| Between 70 and 80 years..... | 7          | 4         | 11         |
| Between 80 and 90 years..... | 1          | 1         | 2          |
| Unknown.....                 | 0          | 1         | 1          |
| <b>Totals.....</b>           | <b>151</b> | <b>60</b> | <b>211</b> |

TABLE No. 4.

*Supposed Causes of Insanity in 211 Cases, as Stated in Commitments, from July 1, 1897, to July 1, 1898.*

| Supposed Causes.                   | Males | Females | Total | Supposed Causes.            | Males      | Females   | Total      |
|------------------------------------|-------|---------|-------|-----------------------------|------------|-----------|------------|
| Alcoholism.....                    | 15    | 6       | 21    | Not stated.....             | 54         | 24        | 78         |
| Business reverses.....             | 6     | 0       | 6     | Old age.....                | 4          | 0         | 4          |
| Disappointment in love.....        | 0     | 1       | 1     | Overwork.....               | 1          | 2         | 3          |
| Epilepsy.....                      | 5     | 4       | 9     | Paresis.....                | 1          | 0         | 1          |
| Grief over death of relatives..... | 2     | 2       | 4     | Religious excitement.....   | 3          | 2         | 5          |
| Hereditary.....                    | 3     | 2       | 5     | Suppressed menses.....      | 0          | 1         | 1          |
| Head injury.....                   | 2     | 2       | 4     | Spine injury.....           | 1          | 1         | 2          |
| Klondyke excitement.....           | 1     | 0       | 1     | Sunstroke.....              | 2          | 0         | 2          |
| Loss of employment.....            | 5     | 0       | 5     | Spiritualism.....           | 1          | 0         | 1          |
| Lack of nourishment.....           | 1     | 1       | 2     | Shock from exposure.....    | 0          | 1         | 1          |
| Masturbation.....                  | 27    | 1       | 28    | Typhoid malarial fever..... | 0          | 1         | 1          |
| Morphine and cocaine habit.....    | 15    | 2       | 17    | Uterine trouble.....        | 0          | 3         | 3          |
| Myxœdema.....                      | 1     | 0       | 1     | Unpleasant surround'gs..... | 0          | 1         | 1          |
| Menopause.....                     | 0     | 3       | 3     | Worriment.....              | 1          | 0         | 1          |
|                                    |       |         |       | <b>Totals.....</b>          | <b>151</b> | <b>60</b> | <b>211</b> |

TABLE No. 5.

*Class of Insanity of 211 Patients, as Stated in Commitments, from July 1, 1897, to July 1, 1898.*

| Class.             | Males | Females | Total | Class.          | Males | Females | Total |
|--------------------|-------|---------|-------|-----------------|-------|---------|-------|
| Acute mania        | 29    | 12      | 41    | Not stated      | 53    | 15      | 68    |
| Cerebral softening | 1     | 1       | 2     | Paranoia        | 11    | 3       | 14    |
| Chronic mania      | 5     | 3       | 8     | Paresis         | 2     | 0       | 2     |
| Dementia           | 6     | 3       | 9     | Recurrent mania | 4     | 5       | 9     |
| Epilepsy           | 5     | 1       | 6     | Religious mania | 2     | 1       | 3     |
| Hysteria           | 0     | 1       | 1     | Senile dementia | 9     | 1       | 10    |
| Mania              | 8     | 3       | 11    |                 |       |         |       |
| Melancholia        | 12    | 11      | 23    | Totals          | 151   | 60      | 211   |
| Monomania          | 4     | 0       | 4     |                 |       |         |       |

TABLE No. 6.

*Civil Condition of 211 Patients Admitted from July 1, 1897, to July 1, 1898.*

| Civil Condition. | Males | Females | Total |
|------------------|-------|---------|-------|
| Divorced         | 4     | 1       | 5     |
| Married          | 36    | 26      | 62    |
| Single           | 94    | 20      | 114   |
| Widows           | 0     | 11      | 11    |
| Widowers         | 12    | 0       | 12    |
| Unknown          | 5     | 2       | 7     |
| Totals           | 151   | 60      | 211   |

TABLE No. 7.

*Occupations of 211 Patients Admitted from July 1, 1897, to July 1, 1898.*

| Occupation.         | Males | Females | Total | Occupation.          | Males | Females | Total |
|---------------------|-------|---------|-------|----------------------|-------|---------|-------|
| Attendant           | 1     | 0       | 1     | No occupation        | 9     | 10      | 19    |
| Butcher             | 1     | 0       | 1     | Nurse                | 0     | 2       | 2     |
| Brakeman            | 1     | 0       | 1     | Nurseryman           | 1     | 0       | 1     |
| Barber              | 1     | 0       | 1     | Physician            | 1     | 0       | 1     |
| Bookkeeper          | 1     | 0       | 1     | Printer              | 1     | 0       | 1     |
| Bricklayer          | 2     | 0       | 2     | Preacher             | 1     | 0       | 1     |
| Baker               | 4     | 0       | 4     | Piano-mover          | 1     | 0       | 1     |
| Cooper              | 1     | 0       | 1     | Painter              | 2     | 0       | 2     |
| Cook                | 4     | 0       | 4     | Prize-fighter        | 1     | 0       | 1     |
| Carriagemaker       | 1     | 0       | 1     | Photographer         | 1     | 0       | 1     |
| Clerk               | 2     | 0       | 2     | Pauper               | 1     | 1       | 2     |
| Courtesan           | 0     | 1       | 1     | Plumber              | 1     | 0       | 1     |
| Cheesemaker         | 1     | 0       | 1     | Sewing-machine agent | 1     | 0       | 1     |
| Carpenter           | 2     | 0       | 2     | Stone mason          | 1     | 0       | 1     |
| Carpetsweeper       | 1     | 0       | 1     | Stairbuilder         | 1     | 0       | 1     |
| Domestic            | 0     | 7       | 7     | Stockraiser          | 1     | 0       | 1     |
| Dresser in theater  | 1     | 0       | 1     | Silk-weaver          | 1     | 0       | 1     |
| Drug clerk          | 1     | 0       | 1     | Ship carpenter       | 1     | 0       | 1     |
| Dishwasher          | 2     | 0       | 2     | Salesman             | 1     | 0       | 1     |
| Electrician         | 1     | 0       | 1     | Saloonkeeper         | 2     | 0       | 2     |
| Editor              | 1     | 0       | 1     | Servant              | 0     | 7       | 7     |
| Farmer              | 12    | 0       | 12    | Store-trader         | 0     | 1       | 1     |
| Fisherman           | 1     | 0       | 1     | Student              | 0     | 1       | 1     |
| Fireman             | 1     | 0       | 1     | Seamstress           | 0     | 1       | 1     |
| Furniture-polisher  | 1     | 0       | 1     | Sailor               | 2     | 0       | 2     |
| Gardener            | 2     | 0       | 2     | Tailor               | 3     | 0       | 3     |
| Harnessmaker        | 1     | 0       | 1     | Tile-cutter          | 1     | 0       | 1     |
| Hostler             | 1     | 0       | 1     | Teamster             | 3     | 0       | 3     |
| Housewife           | 0     | 26      | 26    | Tanner               | 1     | 0       | 1     |
| Horseshoer          | 1     | 0       | 1     | Tinner               | 1     | 0       | 1     |
| Ironer              | 1     | 0       | 1     | Upholsterer          | 1     | 0       | 1     |
| Lodginghouse-keeper | 1     | 0       | 1     | Vagrant              | 1     | 0       | 1     |
| Longshoreman        | 2     | 0       | 2     | Wash-woman           | 0     | 1       | 1     |
| Luniberman          | 2     | 0       | 2     | Waiter               | 4     | 0       | 4     |
| Laundress           | 0     | 1       | 1     | Wash-man             | 1     | 0       | 1     |
| Laborer             | 35    | 0       | 35    | Wine-dealer          | 1     | 0       | 1     |
| Miner               | 2     | 0       | 2     | Unknown              | 7     | 1       | 8     |
| Mail clerk          | 1     | 0       | 1     |                      |       |         |       |
| Merchant            | 2     | 0       | 2     | Totals               | 151   | 60      | 211   |
| Marble cutter       | 1     | 0       | 1     |                      |       |         |       |

TABLE No. 8.

*Causes of Death of 67 Patients from July 1, 1897, to July 1, 1898.*

| Date, and Cause of Death.                   | Age..... | Males..... | Females.. |
|---|----------|------------|-----------|
| <b>1897.</b>                                |          |            |           |
| <b>July—</b>                                |          |            |           |
| Exhaustion from acute mania .....           | 54       | 1          | .....     |
| Exhaustion from chronic brain disease.....  | 30       | .....      | 1         |
| Exhaustion from acute mania.....            | 32       | .....      | 1         |
| <b>August—</b>                              |          |            |           |
| General paresis .....                       | 64       | 1          | .....     |
| Exhaustion from chronic brain disease.....  | 60       | 1          | .....     |
| Valvular disease of the heart .....         | 35       | 1          | .....     |
| Exhaustion from chronic brain disease ..... | 38       | 1          | .....     |
| Exhaustion from acute mania.....            | 23       | 1          | .....     |
| <b>September—</b>                           |          |            |           |
| Exhaustion from chronic brain disease.....  | 56       | 1          | .....     |
| Exhaustion from acute mania.....            | 37       | 1          | .....     |
| Exhaustion from chronic brain disease ..... | 30       | 1          | .....     |
| Exhaustion from chronic brain disease ..... | 50       | .....      | 1         |
| Tuberculosis.....                           | 47       | 1          | .....     |
| Chronic brain disease .....                 | 68       | .....      | 1         |
| <b>October—</b>                             |          |            |           |
| Consumption .....                           | 24       | 1          | .....     |
| Exhaustion from locomotor ataxia.....       | .....    | 1          | .....     |
| Exhaustion from mania.....                  | 41       | 1          | .....     |
| Tuberculosis.....                           | 60       | 1          | .....     |
| <b>November—</b>                            |          |            |           |
| Exhaustion from chronic brain disease.....  | 37       | 1          | .....     |
| Tuberculosis.....                           | 55       | 1          | .....     |
| General paresis.....                        | 47       | 1          | .....     |
| Senility .....                              | 68       | 1          | .....     |
| Tuberculosis.....                           | 52       | 1          | .....     |
| <b>December—</b>                            |          |            |           |
| General paresis .....                       | 35       | 1          | .....     |
| General paresis .....                       | 56       | 1          | .....     |
| General paresis .....                       | 63       | 1          | .....     |
| Edema of the lung .....                     | 66       | .....      | 1         |
| Cerebral hemorrhage.....                    | 64       | 1          | .....     |
| Exhaustion from chronic brain disease ..... | 43       | 1          | .....     |
| Exhaustion from chronic brain disease ..... | 76       | .....      | 1         |
| Apoplexy .....                              | 61       | 1          | .....     |
| <b>1898.</b>                                |          |            |           |
| <b>January—</b>                             |          |            |           |
| Chronic brain disease.....                  | 54       | 1          | .....     |
| Epilepsy .....                              | 30       | 1          | .....     |
| Chronic brain disease.....                  | 49       | 1          | .....     |
| Nephritis .....                             | 77       | 1          | .....     |
| General paresis .....                       | 36       | 1          | .....     |
| <b>February—</b>                            |          |            |           |
| General paresis .....                       | 56       | 1          | .....     |
| General paresis .....                       | 32       | 1          | .....     |
| <b>March—</b>                               |          |            |           |
| Nephritis .....                             | 69       | 1          | .....     |
| General paresis.....                        | 63       | 1          | .....     |
| General paresis .....                       | 45       | 1          | .....     |
| Exhaustion from chronic brain disease.....  | 72       | .....      | 1         |
| Pneumonia .....                             | 44       | .....      | 1         |
| General paresis .....                       | 40       | 1          | .....     |
| Tuberculosis.....                           | .....    | 1          | .....     |
| <b>April—</b>                               |          |            |           |
| Pneumonia, with heart trouble.....          | 61       | 1          | .....     |
| Edema of the lung .....                     | 65       | 1          | .....     |
| Cerebral meningitis.....                    | 37       | 1          | .....     |
| Consumption .....                           | 60       | .....      | 1         |
| Tuberculosis .....                          | 25       | 1          | .....     |

TABLE No 8—Continued.

| Date, and Cause of Death.                   | Age..... | Males ..... | Females.. |
|---|----------|-------------|-----------|
| <b>1898.</b>                                |          |             |           |
| <b>April—</b>                               |          |             |           |
| Apoplexy .....                              | 83       | 1           | .....     |
| Old age .....                               | 76       | 1           | .....     |
| Myxœdema .....                              | 39       | .....       | 1         |
| <b>May—</b>                                 |          |             |           |
| Congestion of the lungs .....               | 43       | 1           | .....     |
| Dementia paralytica .....                   | 40       | 1           | .....     |
| Exhaustion from acute mania .....           | 64       | .....       | 1         |
| Exhaustion from acute mania .....           | 48       | 1           | .....     |
| Epilepsy .....                              | 24       | 1           | .....     |
| Consumption .....                           | 34       | .....       | 1         |
| General paresis .....                       | 37       | 1           | .....     |
| Tuberculosis .....                          | 48       | .....       | 1         |
| <b>June—</b>                                |          |             |           |
| General paresis .....                       | 35       | 1           | .....     |
| Exhaustion from chronic brain disease ..... | 43       | .....       | 1         |
| General paresis .....                       | 50       | 1           | .....     |
| General paresis .....                       | 38       | 1           | .....     |
| Exhaustion from chronic brain disease ..... | 52       | 1           | .....     |
| Dementia paralytica .....                   | 49       | 1           | .....     |
| <b>Totals .....</b>                         |          | <b>53</b>   | <b>14</b> |

TABLE No. 9.

*Recapitulation of Causes of Death of 67 Patients, from July 1, 1897, to July 1, 1898.*

| Causes of Death.                            | Males ..... | Females.. | Total ..... | Causes of Death.                    | Males ..... | Females.. | Total ..... |
|---|-------------|-----------|-------------|-------------------------------------|-------------|-----------|-------------|
| Apoplexy .....                              | 2           | 0         | 2           | Exhaustion from loco-               |             |           |             |
| Cerebral hemorrhage .....                   | 1           | 0         | 1           | motor ataxia .....                  | 1           | 0         | 1           |
| Cerebral meningitis .....                   | 1           | 0         | 1           | General paresis .....               | 17          | 0         | 17          |
| Congestion of the lungs .....               | 1           | 0         | 1           | Myxœdema .....                      | 0           | 1         | 1           |
| Consumption .....                           | 7           | 3         | 10          | Nephritis .....                     | 2           | 0         | 2           |
| Chronic brain disease .....                 | 2           | 1         | 3           | Edema of the lung .....             | 1           | 1         | 2           |
| Exhaustion from acute mania .....           | 4           | 2         | 6           | Old age .....                       | 2           | 0         | 2           |
| Exhaustion from chronic brain disease ..... | 7           | 5         | 12          | Pneumonia .....                     | 1           | 1         | 2           |
| Exhaustion from mania .....                 | 1           | 0         | 1           | Valvular disease of the heart ..... | 1           | 0         | 1           |
| Epilepsy .....                              | 2           | 0         | 2           | <b>Totals .....</b>                 | <b>53</b>   | <b>14</b> | <b>67</b>   |

TABLE No. 10.

*Articles Made in Sewing-Room (Female Department) from July 1, 1897,  
to July 1, 1898.*

| Articles.                     | No. | Articles.                               | No  |
|-------------------------------|-----|---|-----|
| Aprons, white .....           | 175 | Napkins .....                           | 32  |
| Aprons, colored .....         | 124 | Pillowslips, white .....                | 342 |
| Aprons, tick .....            | 5   | Pillowslips, colored .....              | 271 |
| Aprons, rubber .....          | 1   | Pillowshams .....                       | 244 |
| Blankets, canvas .....        | 3   | Pillowticks .....                       | 45  |
| Bags, assorted .....          | 56  | Pants, pairs .....                      | 1   |
| Bedticks, hair mattress ..... | 17  | Sheets, white .....                     | 39  |
| Bedticks, straw .....         | 22  | Sheets, unbleached .....                | 741 |
| Bonnets, sun .....            | 76  | Sheets, bedticking .....                | 5   |
| Chemises .....                | 91  | Skirts, flannel .....                   | 80  |
| Coats, waiter .....           | 17  | Skirts, colored .....                   | 35  |
| Curtains, muslin .....        | 52  | Shrouds .....                           | 53  |
| Coffin pillows .....          | 35  | Suspenders, pairs .....                 | 222 |
| Cover for cushion .....       | 1   | Strings for restraint jackets, yards .. | 132 |
| Drawers, male .....           | 604 | Towels, bath .....                      | 599 |
| Drawers, female .....         | 91  | Towels, roller .....                    | 177 |
| Dresses .....                 | 177 | Towels, dish .....                      | 605 |
| Dress waists .....            | 20  | Towels, whipped, huck .....             | 120 |
| Jackets, restraint .....      | 37  | Tablecloths .....                       | 2   |
| Mats, canvas, spittoon .....  | 24  | Undershirts, male, Canton flannel ..    | 462 |
| Night dresses .....           | 96  | Undershirts, female .....               | 31  |

## STEWARD'S DEPARTMENT.

TABLE No. 11.

*Amount of Articles Purchased and Consumed, and Other Expenses, for the Fiscal Year Ending June 30, 1898.*

| Articles.                        | Value.     | Articles.                                    | Value.      |
|----------------------------------|------------|--|-------------|
| Flour.....                       | \$3,363 64 | Spoons and cutlery.....                      | \$51 59     |
| Meat.....                        | 3,793 69   | Grain and feed.....                          | 204 32      |
| Sugar.....                       | 1,012 22   | Garden seed and tools.....                   | 85 57       |
| Tea.....                         | 196 00     | Lumber.....                                  | 505 95      |
| Syrup.....                       | 149 93     | Building material and repairs.....           | 580 08      |
| Potatoes.....                    | 820 51     | Brooms and brushes.....                      | 131 78      |
| Butter.....                      | 2,372 76   | Books and stationery.....                    | 169 76      |
| Coffee and chicory.....          | 586 79     | Gasoline.....                                | 1,167 14    |
| Lard.....                        | 23 50      | Fuel.....                                    | 4,692 52    |
| Fish.....                        | 436 28     | Paints, oils, and glass.....                 | 346 68      |
| Poultry and eggs.....            | 475 31     | Bedding.....                                 | 278 89      |
| Beans.....                       | 254 16     | Castings and iron pipe.....                  | 141 79      |
| Rice and cracked wheat.....      | 455 78     | Returned escapes.....                        | 18 25       |
| Corn and oatmeal.....            | 292 53     | Discharged patients.....                     | 268 70      |
| Straw.....                       | 36 50      | Freight and express.....                     | 296 77      |
| Salt.....                        | 60 90      | Milk.....                                    | 2,072 32    |
| Vinegar.....                     | 38 30      | Carpets.....                                 | 72 44       |
| Small groceries.....             | 505 75     | Expenses and salaries Lunacy Commission..... | 1,050 50    |
| Spices and extracts.....         | 14 03      | Surrey.....                                  | 98 90       |
| Baking powder and soda.....      | 57 15      | Insurance on boilers.....                    | 35 34       |
| Crackers.....                    | 91 22      | Horse blankets.....                          | 17 00       |
| Pickles.....                     | 93 07      | Store truck.....                             | 20 00       |
| Pearl barley and split peas..... | 26 11      | Formaldehyde generators.....                 | 50 00       |
| Canned and dried fruits.....     | 485 06     | Garden hose.....                             | 25 00       |
| Hominy.....                      | 23 76      | Belting.....                                 | 13 60       |
| Hams and bacon.....              | 283 93     | Hops.....                                    | 25 22       |
| Cheese.....                      | 43 39      | Mimeograph.....                              | 41 31       |
| Postage.....                     | 104 45     | Typewriter.....                              | 100 00      |
| Soap.....                        | 445 67     | Hogs.....                                    | 78 00       |
| Drugs.....                       | 702 41     | Miscellaneous.....                           | 201 59      |
| Blacksmithing.....               | 162 87     | Payroll.....                                 | 34,462 40   |
| Tobacco.....                     | 615 76     | Salaries on account ordinary repairs.....    | 1,306 00    |
| Dry goods.....                   | 1,075 55   | Salaries of managers.....                    | 4,124 45    |
| Clothing and hats.....           | 1,042 94   |  |             |
| Shoes and leather.....           | 537 63     |  |             |
| Blankets.....                    | 469 68     |  |             |
| Furniture.....                   | 683 32     |  |             |
| Hardware and tinware.....        | 700 32     | Total.....                                   | \$75,267 31 |

TABLE No. 12.

*Cost of the Different Departments for the Fiscal Year Ending June 30, 1898.*

| Departments.                    | Cost.       | Departments.                   | Cost.       |
|---------------------------------|-------------|--------------------------------|-------------|
| Kitchen .....                   | \$14,959 32 | Grounds .....                  | \$24 69     |
| Male department .....           | 2,665 73    | Laundry building .....         | 26 19       |
| Female department .....         | 337 54      | Freight .....                  | 76 27       |
| Bakery .....                    | 3,305 13    | Expressage and telegraphing .. | 220 50      |
| Laundry .....                   | 283 55      | Paint shop .....               | 691 96      |
| Engine-room .....               | 338 83      | Shoe shop .....                | 324 03      |
| Farm, garden, and stable .....  | 844 00      | Carpenter shop .....           | 1,173 87    |
| Expense of administration ..... | 4,124 45    | Gas .....                      | 1,167 14    |
| Building and repairs .....      | 674 44      | Fuel .....                     | 4,692 52    |
| Miscellaneous .....             | 1,126 38    | Discharged patients .....      | 268 70      |
| Drug store .....                | 712 55      | Returned escapes .....         | 18 25       |
| Sewing-room .....               | 987 20      | Permanent improvements .....   | 170 01      |
| Furnishing .....                | 1,226 36    | Night watch .....              | 17 70       |
| Administration building .....   | 65 78       |                                |             |
| Office .....                    | 277 82      | Total .....                    | \$75,267 31 |
| Payroll .....                   | 34,462 40   |                                |             |

TABLE No. 13.

*Disbursements for the Fiscal Year Ending June 30, 1898.*

| For What Purpose.            | Cost.       |
|------------------------------|-------------|
| Maintenance .....            | \$73,870 94 |
| Furnishing .....             | 1,226 36    |
| Permanent improvements ..... | 170 01      |
| Total .....                  | \$75,267 31 |

TABLE No. 14.

*Averages for the Fiscal Year Ending June 30, 1898.*

| Months.            | Average Num-<br>ber of Pa-<br>tients Daily. | Average Daily<br>Expense. | Average Cost<br>per Capita<br>per Day. | Average Cost<br>per Capita<br>per Month. |
|--------------------|---|---------------------------|--|--|
| 1897—July .....    | 416.4                                       | \$191 37                  | \$0 45.9                               | \$14 23                                  |
| August .....       | 427.3                                       | 195 91                    | 45.8                                   | 14 20                                    |
| September .....    | 435.8                                       | 196 35                    | 45                                     | 13 51                                    |
| October .....      | 437   | 192 83                    | 44.1                                   | 13 67                                    |
| November .....     | 448.6                                       | 202 38                    | 45.1                                   | 13 53                                    |
| December .....     | 452.4                                       | 194 37                    | 42.9                                   | 13 30                                    |
| 1898—January ..... | 454.2                                       | 195 92                    | 43.1                                   | 13 36                                    |
| February .....     | 459.3                                       | 211 31                    | 45.7                                   | 12 80                                    |
| March .....        | 464.6                                       | 205 81                    | 44.2                                   | 13 73                                    |
| April .....        | 464.3                                       | 203 94                    | 43.9                                   | 13 17                                    |
| May .....          | 461.4                                       | 209 40                    | 45.3                                   | 14 04                                    |
| June .....         | 468.7                                       | 228 57                    | 48.7                                   | 14 61                                    |
| Totals .....       | 449.1                                       | \$202 35                  | \$0 44.9                               | \$13 68                                  |

TABLE No. 15.

*Products of Farm and Garden for the Fiscal Year Ending June 30, 1898,  
with the Market Value of Same.*

| Articles.               | Amount.     | Value.            |
|-------------------------|-------------|-------------------|
| Asparagus .....         | 133 lbs.    | \$6 75            |
| Apples .....            | 3,244 lbs.  | 32 44             |
| Beans, string .....     | 1,811 lbs.  | 54 33             |
| Beets, table .....      | 3,492 lbs.  | 24 91             |
| Beets, cow .....        | 32,780 lbs. | 208 73            |
| Cabbage .....           | 7,241 lbs.  | 72 41             |
| Carrots .....           | 2,954 lbs.  | 19 43             |
| Cauliflower .....       | 210 lbs.    | 4 82              |
| Celery .....            | 3,217 lbs.  | 65 14             |
| Corn .....              | 1,260 doz.  | 113 36            |
| Cucumbers .....         | 260 doz.    | 20 80             |
| Gooseberries .....      | 683 lbs.    | 19 30             |
| Horseradish .....       | 220 lbs.    | 4 15              |
| Kohlrabi .....          | 260 lbs.    | 2 60              |
| Lettuce .....           | 2,692 lbs.  | 44 32             |
| Melons, musk .....      | 2,772       | 114 50            |
| Melons, water .....     | 1,213       | 100 00            |
| Onions .....            | 4,320 lbs.  | 43 20             |
| Pears .....             | 1,062 lbs.  | 9 99              |
| Potatoes .....          | 61,655 lbs. | 585 71            |
| Peppers, green .....    | 143 lbs.    | 6 59              |
| Parsnips .....          | 5,492 lbs.  | 40 11             |
| Peas .....              | 1,291 lbs.  | 38 73             |
| Radishes .....          | 2,390 lbs.  | 47 00             |
| Rhubarb .....           | 720 lbs.    | 15 95             |
| Rutabaga .....          | 4,363 lbs.  | 32 56             |
| Squash .....            | 434 lbs.    | 2 13              |
| Spinach .....           | 1,110 lbs.  | 22 20             |
| Strawberries .....      | 140 lbs.    | 14 00             |
| Turnips .....           | 11,608 lbs. | 95 30             |
| Tomatoes .....          | 9,627 lbs.  | 75 64             |
| Pork, killed .....      | 12,620 lbs. | 785 09            |
| Wood, cut on farm ..... | 72 cds.     | 229 00            |
| Eggs .....              | 41 doz.     | 4 10              |
| Hay, alfalfa .....      | 25 tons     | 143 50            |
| Hay, grain .....        | 40 tons     | 400 00            |
| <b>Total .....</b>      |             | <b>\$3,498 79</b> |