

Document No. 15

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FIFTY-SEVENTH ANNUAL REPORT

OF THE

Managers and Officers

OF

The New Jersey State Hospital

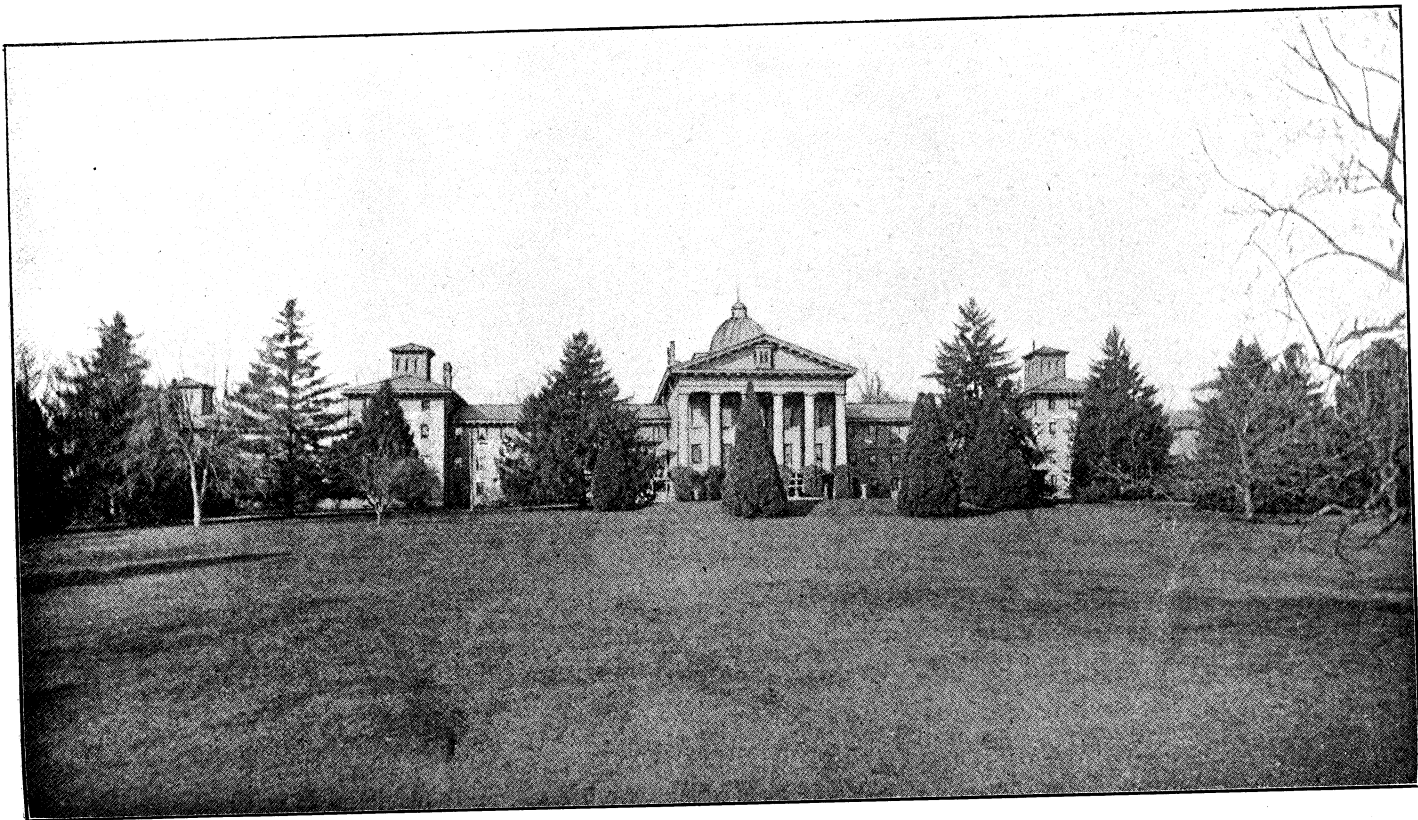
AT

Trenton, N. J.

For the Year Ending October 31st

1904

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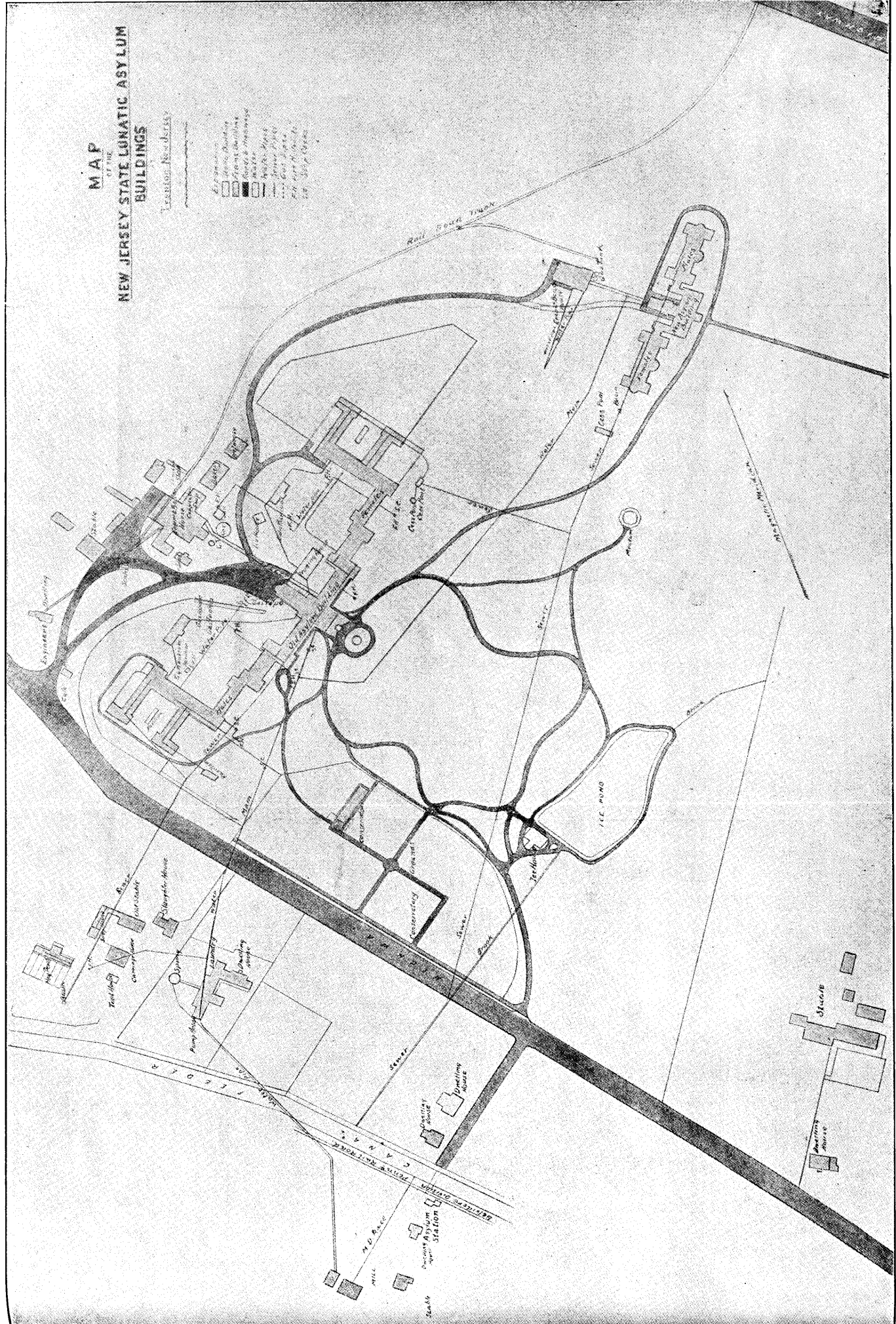


MAIN BUILDING.

**MAP**  
OF THE  
**NEW JERSEY STATE LUNATIC ASYLUM**  
**BUILDINGS**

Location: New Jersey

- Living Quarters
- Dining Hall
- Kitchen
- Water
- Sewer
- Gas
- Electric
- Telephone



GENERAL PLAN—GROUNDS AND BUILDINGS.

## Managers.

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GARRET D. W. VROOM, *President*.....TRENTON.  
N. NEWLIN STOKES, M.D., *Vice-President*....MOORESTOWN  
B. W. ANDREWS.....WOODBURY.  
C. S. HOFFMAN.....SOMERVILLE.  
J. BAYARD KIRKPATRICK.....NEW BRUNSWICK.  
PETER P. RAFFERTY, M.D.....RED BANK.  
JOSEPH RICE.....TRENTON.  
JOHN TAYLOR.....TRENTON.

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SCOTT SCAMMELL, *Secretary*.....TRENTON.



## Report of the Board of Managers of the New Jersey State Hospital at Trenton.

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*To His Excellency Franklin Murphy, Governor of New Jersey:*

The Board of Managers of the New Jersey State Hospital at Trenton beg leave to present this, their Annual Report as required by law:

The Annual Report of the Medical Director herewith appended summarized shows that 1,249 patients remained under care on October 31, 1904. This is an increase of 58 during the year or 350 over the normal capacity. This over-crowded condition so clearly and earnestly set forth in our last report and that of the Medical Director is, of course, intensified and has become a serious matter for legislative action. We beg to refer you to the report of the Medical Director, wherein he again sets forth his recommendation as to such plans of relief as will enable him to properly and adequately administer to the care and classification of the insane committed to State care, all of which we estimate will require an expenditure of not less than \$150,000 and which we most earnestly hope you will request the legislature to appropriate.

In asking the legislature for this appropriation, we beg to call your Excellency's attention to the fact that no state appropriation has been made for this Hospital since 1889 and which was for the erection of the present Annex, and this building was completed for the amount of the appropriation. Three years ago the legislature appropriated \$25,000 for the construction of sewers to connect with the system of the City of Trenton. By subsequent legislation the Hospital property became a part of the City of Trenton and the work was done by the City authorities, and therefore the appropriation was not used. Last winter \$12,500 was appropriated to equip the property with fire-escapes, but as your Excellency did not approve of the plans adopted by our Board this

appropriation has also lapsed and we have caused to be erected at the expense of the House Fund one exhibit of a design favored by the Board, and which we invite your Excellency and the legislative committee on Hospitals to inspect.

In consideration of these embarrassing conditions, if the legislature in its wisdom should not provide at once for an extension of the present buildings to accommodate the 350 patients whom we are now caring for beyond our normal capacity, then we would suggest as a temporary relief the erection of a Hospital for the criminal and convict insane on the State property contiguous to the State Prison. This would remove about fifty from our care and probably more than that number from the Morris Plains Hospital. Such action is due and would be most respectful and considerate of the feelings of ninety-five per cent. of the friends of our patients. We would also recommend that a law be passed directing that state indigent patients from counties having county hospitals be cared for at their respective county hospitals.

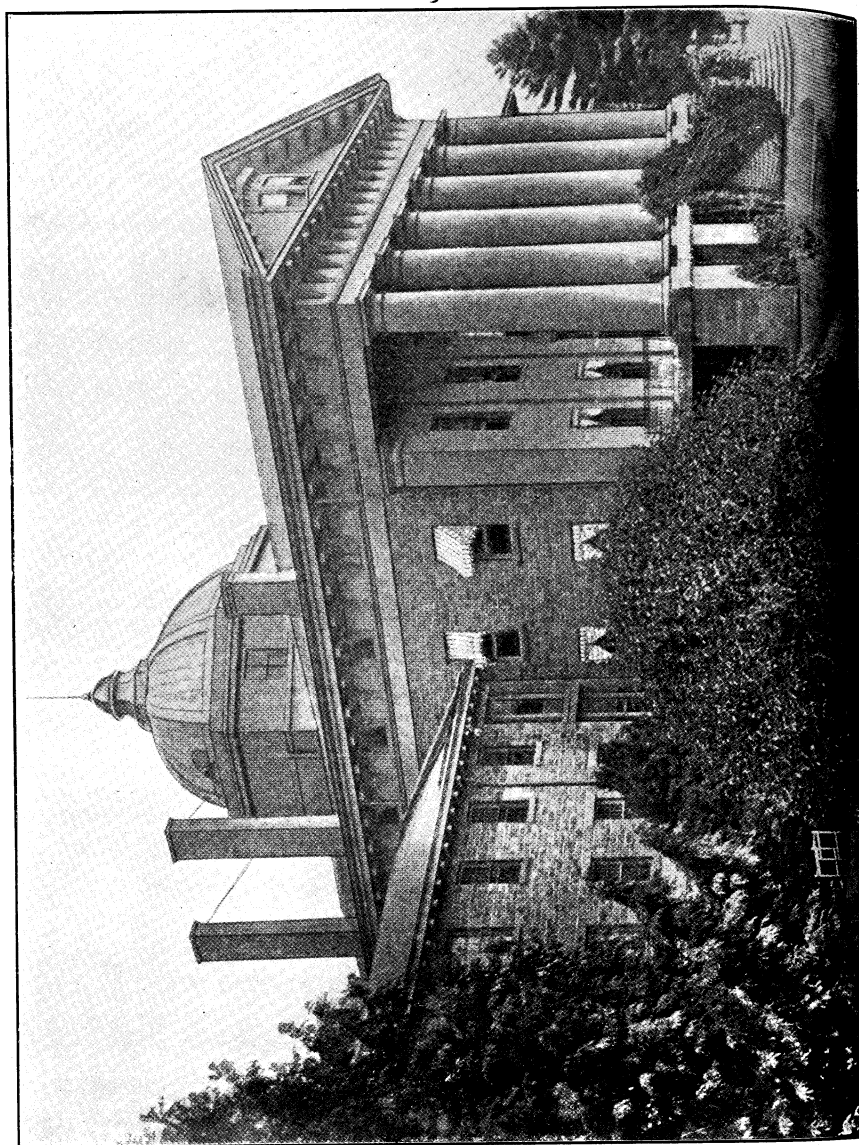
The success of the Training School for Nurses has been most gratifying. At the Annual Examination in May last twenty-two were graduated after passing very excellent examinations and at the commencement on the second day of June, diplomas were conferred upon the graduates by the President of the Board.

The Annual inventory, made as required by the statute, shows the appraisement of the realty to be \$770,000 and of the personal property \$170,276.25.

The general health of the institution during the year, has been good, as reported by the Medical Director and the visits and examinations made by the members of the Board during the year, showed that every attention has been given to the health and comfort of the patients.

The various County Asylums in this asylum district have been visited and inspected during the year in accordance with the statute, and we submit the following report of such visitations:

In the counties of Atlantic, Burlington, Camden and Cumberland well appointed buildings have been provided for the care and comfort of those who have been committed to these institutions. We found the patients comfortably clad with suitable clothing; beds and bedding provided that were comfortable, neat and clean, and so far as we could ascertain, patients were furnished with abundant and proper food, and the general hygienic condition of the institutions good. In all of these asylums we found that the patients were under daily medical supervision, a corps of nurses provided, and, in the main, all the arrangements usually found in



well appointed hospitals for the care of the insane. In two of the places visited, viz., Gloucester and Salem, a very different state of things existed. In neither one of these institutions was any adequate provision made for the proper oversight of these patients committed to their care. Practically no separate structure is provided, no nurses or attendants are employed except what is furnished by the inmates of the Alms House with which the asylums are connected, and only occasional medical visitation.

In Salem County we found both sexes on the same corridor with no means of separation except to keep the patients constantly locked up in cheerless uninviting rooms. One bath-tub only is provided for the entire number of patients, and this not supplied with hot water, when used the hot water has to be carried a considerable distance from the adjoining Alms House. This seems to be no fault of the Steward of the Alms House who has the general oversight of the insane, but the fault of the Board of Freeholders who apparently have given the matter no consideration. Such institutions, in the opinion of the Board, do not in any respect meet the requirements intended by the State in authorizing the establishment of county asylums for the care of the insane.

The following table will give the number of patients admitted, discharged, and general results for the fiscal year, of the several counties:

|                           | Atlantic. | Burlington. | Camden. | Cumberland. | Gloucester. | Salem. | Total. |
|---------------------------|-----------|-------------|---------|-------------|-------------|--------|--------|
| Admitted .....            | 28        | 36          | 40      | 44          | 0           | 0      | 148    |
| Discharged .....          | 10        | 5           | 37      | 28          | 1           | 0      | 81     |
| How discharged—           |           |             |         |             |             |        |        |
| Recovered .....           | 10        | 0           | 16      | 21          | 0           | 0      | 47     |
| Improved .....            | 0         | 5           | 1       | 1           | 0           | 0      | 7      |
| Not insane .....          | 0         | 0           | 0       | 1           | 0           | 0      | 1      |
| Died .....                | 10        | 15          | 20      | 15          | 0           | 4      | 64     |
| Removed to—               |           |             |         |             |             |        |        |
| State Hospital .....      | 0         | 0           | 0       | 5           | 0           | 0      | 5      |
| Remaining under care..... | 73        | 150         | 192     | 134         | 10          | 18     | 577    |

We beg leave to call your attention to the reports of the Medical Director and Warden which are complete in detail and of

much interest; and which enable us to express our abundant satisfaction with the services of the Medical Director and staff and the Warden and his assistants.

Respectfully submitted,  
 GARRET D. W. VROOM, (Pres.),  
 N. NEWLIN STOKES, M. D.,  
 B. W. ANDREWS,  
 C. S. HOFFMAN,  
 J. BAYARD KIRPATRICK,  
 PETER P. RAFFERTY, M. D.,  
 JOSEPH RICE,  
 JOHN TAYLOR,

*Managers.*

TRENTON, N. J., November 10th, 1904.

## Treasurer's Report.

*To the Managers of the New Jersey State Hospital at Trenton:*

GENTLEMEN The following abstract of receipts and disbursements for the fiscal year ending October 31, 1904, is respectfully submitted:

### RECEIPTS.

|  |              |
|--|--------------|
| Balance on hand November 1, 1903.....          | \$28,551.78  |
| From State Treasurer, for county patients..... | \$97,511.71  |
| From State Treasurer, for State patients.....  | 21,590.68    |
| From State Treasurer, for convicts.....        | 10,992.67    |
| From sundry counties, for county patients..... | 113,640.37   |
| From private patients.....                     | 23,667.22    |
| From sale of sundries.....                     | 4,852.90     |
|  | <hr/>        |
|  | 272,255.55   |
|  | <hr/>        |
|  | \$300,807.33 |

### DISBURSEMENTS.

|                                       |              |
|---------------------------------------|--------------|
| On orders of Warden.....              | \$269,367.04 |
| Balance on hand October 31, 1904..... | \$31,440.29  |

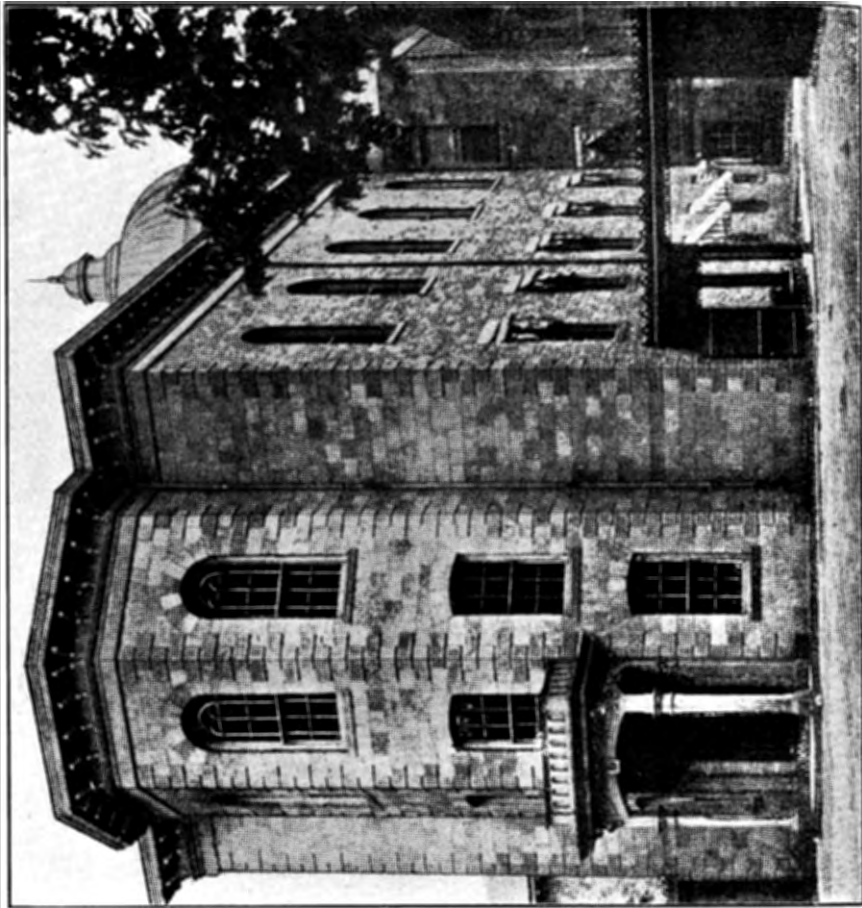
H. H. JOHNSON,  
 Treasurer.

New Jersey State Hospital at Trenton, November 1, 1904.

We hereby certify that we have examined the Treasurer's accounts of the New Jersey State Hospital at Trenton, and find them correctly stated and balanced according to the foregoing statement.

B. W. ANDREWS,  
 JOSEPH RICE,  
*Auditing Committee.*

SCOTT SCAMMELL, *Secretary.*



EAST ENTRANCE.

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## MEDICAL DIRECTOR'S REPORT.

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## Medical Director's Report

*To the Managers of the New Jersey State Hospital at Trenton:*

GENTLEMEN—The fifty-seventh annual report of the operations of the Medical Department of the New Jersey State Hospital at Trenton, for the fiscal year ending October 31st, 1904, is respectfully submitted:

### GENERAL RESULTS FOR THE YEAR.

The number of patients under care in the Hospital at the close of the last fiscal year was eleven hundred and ninety-one—six hundred and twenty-one men and five hundred and seventy women. The number received since, viz., from November 1st, 1903, to October 31st, 1904, inclusive, was three hundred and two—one hundred and fifty men and one hundred and fifty-two women, making a total of fourteen hundred and ninety-three—seven hundred and seventy-one men and seven hundred and twenty-two women. Of this number two hundred and forty-four—one hundred and twenty-five men and one hundred and nineteen women—have been discharged, as follows: Recovered, one hundred and four; improved, twenty-seven; unimproved, four; escaped, three; not insane, two; died, one hundred and two; and two were removed to other institutions. At the close of the fiscal year there remained under care in the Hospital twelve hundred and forty-nine—six hundred and forty-six men and six hundred and three women. We close the year, October 31st, 1904, with fifty-eight more patients—twenty-five men and thirty-three women—in the institution than we had under care at the close of the last fiscal year. The largest number under care at any one time during the year was twelve hundred and forty-nine, and the smallest number eleven hundred and seventy-five. The daily average during the year was twelve hundred and one. Death occurred in one hundred and two cases—fifty-six men and forty-six women. For causes of death, see

Table No. V., at the close of the report. The death rate in proportion to the whole number under care was about six and eight-tenths per centum. This result is a little below the general average for the past decade. The ratio of recoveries to the number admitted during the year was nearly thirty-four per centum.

Attention is especially directed to Tables Nos. VI and VIII, at the close of the report, showing the ages of those who were admitted, and of those who died during the year. From these tables it will be seen that fifty, or nearly sixteen per centum of the whole number of admissions had passed the sixtieth year at the time of coming to the Hospital, and of those who died, fifty-two, or nearly fifty per centum, had reached the same advanced age. A large number of patients are sent to us annually, who are advanced in years, prostrated by disease, infirm, paralytic, and beyond any hope of recovery, and in most cases beyond any hope of essential improvement. That they should be cared for does not admit of question, but it is quite impossible to give them that care and nursing which their condition demands in an institution overcrowded as is this Hospital at the present time. We close the year with twelve hundred and forty-nine patients under care, an excess of about three hundred and fifty beyond its normal and proper capacity. The urgent necessity for making some additional provision for the proper care of this class by the erection of an infirmary or other structure suitable to meet the requirements for such cases has again and again been presented in our annual reports to the State Legislature, but the results following such appeals have thus far not been as successful as we had hoped for, nor as humanity for this afflicted class demands.

#### CONVICT INSANE.

During the year we have had four additional patients added to the number already under care in the Hospital, committed under the provisions of the Act of March 12th, 1869. In regard to the injustice of the provisions of this Act and its practical workings, reference may be made to our former reports in which the subject has repeatedly been fully discussed. Each additional year only strengthens the justice of the views which have already been so fully presented. We have at present under care in the institution, of this class, forty-three—forty men and three women—sentenced from the several counties as follows, viz.: from Atlantic

County, two; Burlington, six; Camden, six; Gloucester, one; Mercer, nine; Middlesex, seven; Monmouth, six; Ocean, one; Salem, two; and Somerset, three.

Of the total number under care, twenty-five were born in the United States (ten only in the State of New Jersey), and eighteen are of foreign birth.

#### EPILEPTICS.

During the fiscal year just closed we have had admitted to the Hospital ten—five men and five women—of the epileptic class. Twelve—seven men and five women—have died, leaving at present under care, eighty-four—forty-four men and forty women. It is greatly to be regretted that we cannot secure more relief by their removal to the State Village already established at Skillman for the especial care and treatment of this class, but the managers of that institution find it impossible to receive them as yet, because of the lack of funds to provide the necessary buildings to accommodate them. They find that they are unable to make the proper provision to accommodate the large number of applicants from the various sections of the State who are making urgent appeals for admission to the Village.

#### TRAINING SCHOOL.

The work of the training school for nurses has been successfully conducted during the year. Lectures were regularly given by the Medical Staff during the autumn, winter, and spring months, and the interest manifested in the work by the pupils throughout the course has been very gratifying. At the final examination held in May last, twenty-two candidates—eight men and fourteen women—successfully completed the course, and were awarded diplomas by order of your Board. The diplomas were conferred upon the graduates by the President of the Board at the Commencement held in the Hospital Chapel on the second day of June last, and an excellent and appropriate address suitable to the occasion was given the class by Prof. W. M. L. Coplin, M. D., of Jefferson Medical College in Philadelphia. A large number of those who successfully passed the junior examination have remained with us, and the present senior class numbers nineteen pupils.

With one exception, the general health of our household has been good throughout the year. We have been spared any accident or occurrence of a serious nature, notwithstanding the greatly overcrowded condition of the Hospital.

During the month of April we had nine cases—three men and six women—of diphtheria occur on the wards of the institution. The first case occurred on the thirteenth of the month. The patient was a colored woman, an epileptic, aged about forty years, and had been under care in the Hospital about two years. She was in apparently good physical health, had not been off the Hospital grounds, and had not been visited by any one from the outside for a period of at least ten months prior to the manifestation of the disease, and had not been exposed to any known source of contagion. The disease was of malignant type. In about fourteen hours from the first appearance of any redness in the throat the fauces and adjacent parts were covered with the characteristic membrane, and the patient was profoundly prostrated.

The second case (also a colored woman, about forty-one years of age) first presented symptoms of the disease on the sixteenth of April. Patient was demented and had been under care in the Hospital for a number of years, and as in the first case, had not been exposed to any known source of contagion.

The third case. The nurse who had charge of cases one and two was seized with the disease on the twenty-first of the month. The case throughout was mild in type and readily yielded to treatment.

The fourth case occurred in a colored woman, about thirty years of age, who had been under care in the Hospital about one year. First symptoms presented themselves on the twenty-second of the month, and was also mild in type, although the sequel to the disease was more marked than in either of the other cases. The fifth case appeared on the twenty-third of April. Patient was a colored woman, about fifty years of age, and had been under care in the institution for about sixteen months. She was in excellent physical health at the time of the appearance of the disease, and was a woman of unusual size and strength, and suffering from an acute maniacal attack. The disease was malignant in type, but yielded promptly to treatment and recovered without any sequelae.

The sixth case occurred on the twenty-fifth of the month, also in a colored woman aged about thirty-four years. Disease severe in character. These cases all occurred on two corridors immedi-

ately adjoining, on the first or lower floor of the Hospital. With the exception of the case of the nurse, all occurred in colored women ranging from thirty to fifty years of age. No other cases occurred in the women's department, although a large number of patients throughout the women's wing suffered more or less from sore throats.

The first case in the men's department occurred on the twenty-sixth of April. Patient was seventy-eight years of age, and in comfortable physical health at the time seized with the disease. Had been under care in the Hospital about thirteen years. Disease was mild in type, but entirely characteristic.

The second case also occurred on the twenty-sixth of the month. Patient was about fifty years of age, and had been under care about thirteen years.

Case No. two was not in any way associated with, or brought into contact with case No. one.

The third case occurred on the twenty-ninth day of April in a patient about twenty-one years of age, who had been under care for three months. The disease was severe in type.

As in the women's department, there were a large number of cases of sympathetic sore throat on most of the corridors.

The diagnosis in each case was verified by the special Pathologist of the institution or by the State Laboratory of Hygiene. As soon as the disease was verified by the presence of the bacillus of diphtheria, antitoxin was administered in doses of from two thousand to four thousand units of the serum, according to the severity of the case, and the throat sprayed with a solution of the peroxide of hydrogen. The after treatment consisted, in the main, of the exhibition of tonics. No deaths resulted although several cases were malignant in type. The cases yielded readily to treatment and without any unpleasant sequela. No case has occurred since the twenty-ninth of April. Of the cause of this outbreak, I am in doubt. In neither the first cases of the men's or women's department was the patient exposed to contagion, had seen no one from the outside for several months prior to the manifestation of the disease, the Hospital was well ventilated, and no defective plumbing or drainage was found. One of the most difficult problems to meet was the proper isolation of the cases from the other members of our household during the prevalence of the disease. We have no building or proper means for this purpose. We were compelled to improvise methods by using the bowling alley for the men, and the calisthenium for the women. Neither building is adapted for the purpose, and the

latter is low and damp and very objectionable. In addition to this, both buildings open immediately into the exercise courts used by the patients, and during the prevalence of the disease they were of necessity deprived of their use, much to their discomfort and disadvantage.

I cannot too earnestly urge that some arrangement for the isolation of all patients afflicted with contagious or infectious disease be made in the near future. When another outbreak similar to that which occurred during the month of April last may again occur, it is impossible to tell. The outlay required for the erection of proper buildings would not be large, and would serve a purpose, the value and comfort of which cannot be overestimated.

#### CONCLUSION.

At the October meeting of your Board, Dr. Paul L. Cort, who has acceptably filled the position of Third Assistant Physician on the Hospital Staff since June 15th, 1897, resigned his place to engage in private practice. Dr. Cort, after nearly eight years of service with us, takes with him the best wishes of all associated with him at the Hospital, and the earnest desire that he may be successful in his new field of work.

Dr. Funkhouser, the present Fourth Assistant Physician, was promoted by your Board to the position of Third Assistant, rendered vacant by the resignation of Dr. Cort. No other changes have occurred in the Staff during the year.

I take this opportunity of conveying my cordial thanks to my medical associates for their co-operation in conducting the affairs of my Department. Thanks are also tendered to the Warden for courtesies extended to the officers of the Medical Department. With expressions of grateful obligations to your Board for continued confidence in and support given me in my efforts to discharge the duties of my office, this report is

Respectfully submitted,

JOHN W. WARD.

STATE HOSPITAL, TRENTON,  
November 1, 1904.

## Statistical Tables.

TABLE NO. I

|  | Men.  | Women. | Total. |
|--|-------|--------|--------|
| Patients in the Hospital October 31st, 1903..... | 621   | 570    | 1,191  |
| Received since to November 1st, 1904.....        | 150   | 152    | 302    |
|  | <hr/> | <hr/>  | <hr/>  |
| Under treatment during the year.....             | 771   | 722    | 1,493  |

|                                   | Men.  | Women. | Total. |
|-----------------------------------|-------|--------|--------|
| Discharged recovered .....        | 50    | 54     | 104    |
| Discharged improved .....         | 12    | 15     | 27     |
| Discharged unimproved .....       | 2     | 2      | 4      |
| Escaped .....                     | 2     | 1      | 3      |
| Not insane .....                  | 1     | 1      | 2      |
| Died .....                        | 56    | 46     | 102    |
| Removed to other institutions.    | 2     | 0      | 2      |
|                                   | <hr/> | <hr/>  | <hr/>  |
| Total discharged, died, etc.....  | 125   | 119    | 244    |
|                                   | <hr/> | <hr/>  | <hr/>  |
| Remaining October 31st, 1904..... | 646   | 603    | 1,249  |

|   |       |       |        |
|---|-------|-------|--------|
| Whole number of cases received and treated from the opening of the hospital, May 15th, 1848, to November 1st, 1904..... | 5,553 | 5,456 | 11,009 |
|---|-------|-------|--------|

|                                   | Men.  | Women. | Total. |
|-----------------------------------|-------|--------|--------|
| Discharged recovered .....        | 1,820 | 1,918  | 3,738  |
| Discharged improved .....         | 958   | 1,094  | 2,052  |
| Discharged unimproved .....       | 188   | 192    | 380    |
| Escaped .....                     | 29    | 6      | 35     |
| Not insane .....                  | 21    | 12     | 33     |
| Died .....                        | 1,564 | 1,312  | 2,876  |
| Removed to other institutions..   | 327   | 319    | 646    |
|                                   | <hr/> | <hr/>  | <hr/>  |
| Total discharged, died, etc.....  | 4,907 | 4,853  | 9,760  |
|                                   | <hr/> | <hr/>  | <hr/>  |
| Remaining October 31st, 1904..... | 646   | 603    | 1,249  |
| Remaining October 31st, 1904..... | 646   | 603    | 1,249  |

TABLE NO. II.

Residence of Those Committed During the Year and How Committed.

| Counties.        | —indigent.— |     |     | —Private.— |    |    | Criminal and<br>—Convict.— |    |    |
|------------------|-------------|-----|-----|------------|----|----|----------------------------|----|----|
|                  | M.          | W.  | T.  | M.         | W. | T. | M.                         | W. | T. |
| Atlantic .....   | 2           | 4   | 6   | 1          | .. | 1  | 0                          | .. | .. |
| Bergen .....     | ..          | ..  | ..  | ..         | 1  | 1  | ..                         | .. | .. |
| Burlington ..... | 3           | 6   | 9   | 2          | .. | 2  | 1                          | .. | 1  |
| Camden .....     | 8           | 5   | 13  | ..         | 2  | 2  | ..                         | .. | .. |
| Cape May .....   | 1           | 4   | 5   | ..         | .. | .. | ..                         | .. | .. |
| Cumberland ..... | 3           | 2   | 5   | ..         | .. | .. | ..                         | .. | .. |
| Gloucester ..... | 10          | 5   | 15  | ..         | 1  | 1  | ..                         | .. | .. |
| Hudson .....     | ..          | ..  | ..  | ..         | 1  | 1  | ..                         | .. | .. |
| Hunterdon .....  | 15          | 8   | 23  | ..         | 1  | 1  | 1                          | .. | 1  |
| Mercer .....     | 40          | 38  | 78  | 4          | 1  | 5  | 1                          | .. | 1  |
| Middlesex .....  | 20          | 23  | 43  | ..         | 5  | 5  | 1                          | .. | 1  |
| Monmouth .....   | 17          | 22  | 39  | ..         | 3  | 3  | ..                         | .. | .. |
| Ocean .....      | 6           | 9   | 15  | ..         | 1  | 1  | ..                         | .. | .. |
| Salem .....      | 6           | 4   | 7   | 1          | .. | 1  | ..                         | .. | .. |
| Somerset .....   | 9           | 6   | 15  | ..         | .. | .. | ..                         | .. | .. |
| Union .....      | 1           | ..  | 1   | ..         | .. | .. | ..                         | .. | .. |
| Total .....      | 138         | 136 | 274 | 8          | 16 | 24 | 4                          | .. | 4  |

TABLE NO. III.

| Admitted during the month of— | Men. | Women. | Total. |
|-------------------------------|------|--------|--------|
| November, 1903 .....          | 18   | 12     | 30     |
| December, 1903 .....          | 12   | 10     | 22     |
| January, 1904 .....           | 16   | 6      | 22     |
| February .....                | 16   | 16     | 32     |
| March .....                   | 14   | 13     | 27     |
| April .....                   | 14   | 12     | 26     |
| May .....                     | 10   | 11     | 21     |
| June .....                    | 11   | 17     | 28     |
| July .....                    | 13   | 15     | 28     |
| August .....                  | 7    | 14     | 21     |
| September .....               | 11   | 16     | 27     |
| October .....                 | 8    | 10     | 18     |
| Total .....                   | 150  | 152    | 302    |

TABLE NO. IV.

| Died during the month of— | Men. | Women. | Total. |
|---------------------------|------|--------|--------|
| November, 1903 .....      | 5    | 3      | 8      |
| December .....            | 8    | 4      | 12     |
| January, 1904 .....       | 4    | 3      | 7      |
| February .....            | 6    | 7      | 13     |
| March .....               | 8    | 9      | 17     |
| April .....               | 6    | 9      | 15     |
| May .....                 | 3    | 3      | 6      |
| June .....                | 4    | 1      | 5      |
| July .....                | 5    | 1      | 6      |
| August .....              | 2    | 1      | 3      |
| September .....           | 1    | 2      | 3      |
| October .....             | 4    | 3      | 7      |
| Total .....               | 56   | 46     | 102    |

TABLE NO. V.

| Causes of Death—                   | Men. | Women. | Total. |
|------------------------------------|------|--------|--------|
| Pulmonary tuberculosis .....       | 10   | 12     | 22     |
| General paresis .....              | 8    | 1      | 9      |
| Paralysis .....                    | 4    | 3      | 7      |
| Apoplexy .....                     | 4    | 3      | 7      |
| Epilepsy .....                     | 7    | 5      | 12     |
| Typhomania .....                   | 3    | 3      | 6      |
| Old age .....                      | 1    | 3      | 4      |
| Bright's disease .....             | 3    | 2      | 5      |
| Organic disease of the heart ..... | 4    | 2      | 6      |
| Senile gangrene .....              | 2    | 3      | 5      |
| Aneurism of the aorta .....        | 1    | 0      | 1      |
| Arterial sclerosis .....           | 1    | 0      | 1      |
| Acute phlebitis .....              | ..   | 2      | 2      |
| Phlegmonous erysipelas .....       | ..   | 1      | 1      |
| Gastric ulcer .....                | ..   | 1      | 1      |
| Progressive locomotor ataxia ..... | 1    | 1      | 2      |
| Cancer of stomach .....            | 1    | 0      | 1      |
| General chronic exhaustion .....   | 3    | 0      | 3      |
| Pneumonia .....                    | 3    | 4      | 7      |
| Total .....                        | 56   | 46     | 102    |

TABLE NO. VI.

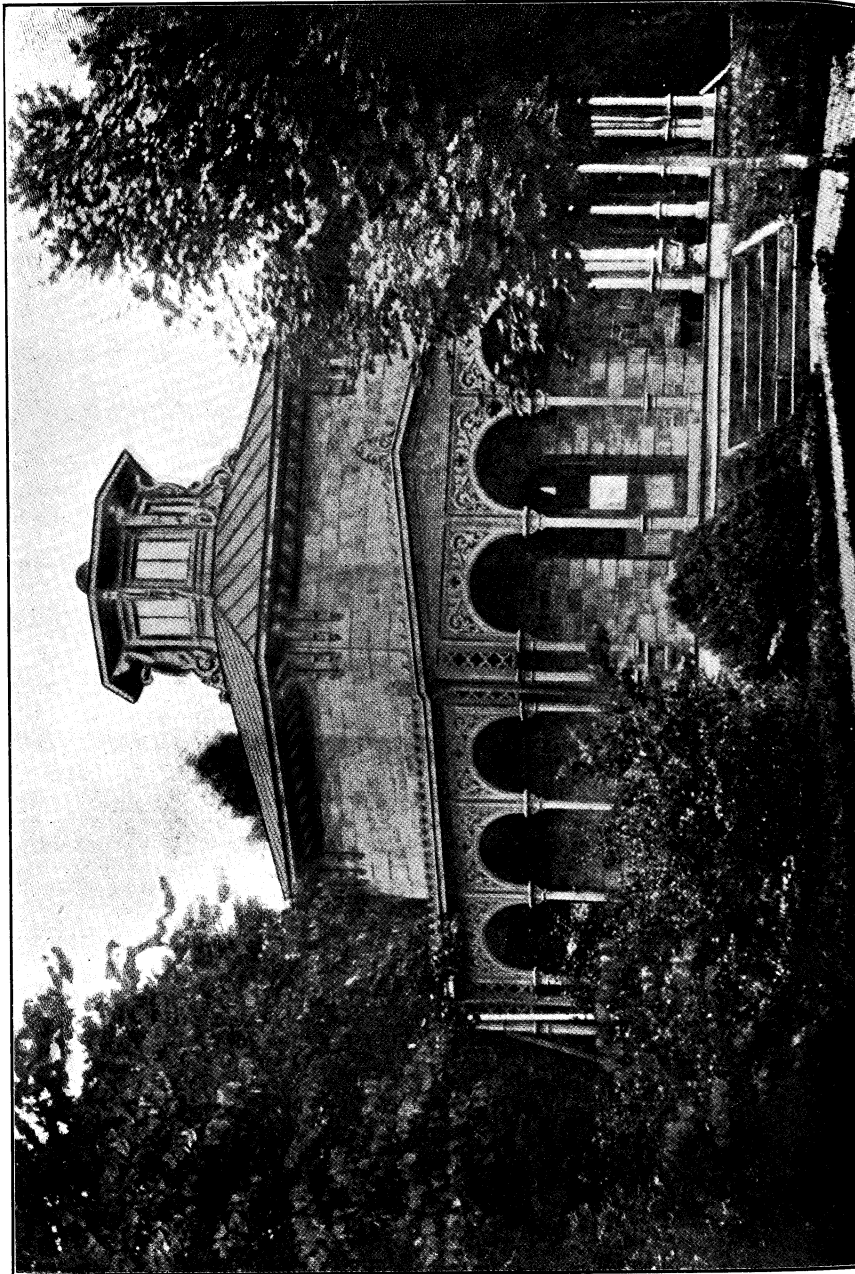
Ages of Those Who Have Died During the Year and the Length of Time Under Care in the Hospital.

| Age.                      | M. | W. | T.  | Length of Time.             | M. | W. | T.  |
|---------------------------|----|----|-----|-----------------------------|----|----|-----|
| Under twenty years....    | 2  | 0  | 2   | ...Less than one week....   | 4  | 1  | 5   |
| Twenty to twenty-five..   | 1  | 0  | 1   | ...One week to one month    | 9  | 8  | 17  |
| Twenty-five to thirty...  | 2  | 3  | 5   | ...One to three months...   | 5  | 3  | 8   |
| Thirty to thirty-five.... | 3  | 3  | 6   | ...Three to six months....  | 6  | 5  | 11  |
| Thirty-five to forty..... | 2  | 3  | 5   | ...Six to nine months....   | 3  | 3  | 6   |
| Forty to forty-five.....  | 5  | 5  | 10  | ...Nine months to one year  | 1  | 1  | 2   |
| Forty-five to fifty.....  | 5  | 0  | 5   | ...One to two years.....    | 9  | 2  | 11  |
| Fifty to fifty-five.....  | 5  | 4  | 9   | ...Two to three years....   | 3  | 7  | 10  |
| Fifty-five to sixty.....  | 6  | 1  | 7   | ...Three to four years....  | 4  | 1  | 5   |
| Sixty to sixty-five.....  | 4  | 5  | 9   | ...Four to five years....   | 1  | 2  | 3   |
| Sixty-five to seventy...  | 5  | 2  | 7   | ...Five to ten years.....   | 4  | 6  | 10  |
| Seventy to seventy-five   | 4  | 6  | 10  | ...Ten to fifteen years.... | 2  | 2  | 4   |
| Seventy-five to eighty..  | 7  | 5  | 12  | ...Fifteen to twenty years. | 2  | 0  | 2   |
| Eighty to eighty-five..   | 4  | 6  | 10  | ...Twenty to twenty-five..  | 0  | 3  | 3   |
| Over eighty-five.....     | 1  | 3  | 4   | ...Over twenty-five years.  | 3  | 2  | 5   |
| Total.....                | 56 | 46 | 102 |                             | 56 | 46 | 102 |

TABLE NO. VII.

Ages of Those Discharged as Recovered and Length of Time Under Care in the Hospital.

| Age.                   | M. | W. | T.  | Length of Time.            | M. | W. | T.  |
|------------------------|----|----|-----|----------------------------|----|----|-----|
| Under twenty years.... | 2  | 8  | 10  | ...Less than three months  | 8  | 10 | 18  |
| Twenty to thirty.....  | 15 | 16 | 31  | ...Three to six months.... | 21 | 15 | 36  |
| Thirty to forty.....   | 15 | 14 | 29  | ...Six to nine months....  | 10 | 12 | 22  |
| Forty to fifty.....    | 12 | 10 | 22  | ...Nine months to one year | 6  | 8  | 14  |
| Fifty to sixty.....    | 4  | 5  | 9   | ...One to two years.....   | 5  | 3  | 8   |
| Over sixty years.....  | 2  | 1  | 3   | ...Two to three years....  | 0  | 6  | 6   |
| Total.....             | 50 | 54 | 104 |                            | 50 | 54 | 104 |



MUSEUM.

TABLE NO. VIII.

Ages of Those Admitted During the Year and Duration of Insanity Prior to Admission.

| Age.                      | M. W. T. |     |     | Duration of Insanity.    | M. W. T. |     |     |
|---------------------------|----------|-----|-----|--------------------------|----------|-----|-----|
|                           | M.       | W.  | T.  |                          | M.       | W.  | T.  |
| Under twenty years....    | 4        | 6   | 10  | Less than one week....   | 8        | 3   | 11  |
| Twenty to twenty-five..   | 20       | 14  | 34  | One week to one month..  | 35       | 20  | 55  |
| Twenty-five to thirty...  | 18       | 15  | 33  | One to three months...   | 23       | 22  | 45  |
| Thirty to thirty-five.... | 16       | 18  | 34  | Three to six months...   | 16       | 15  | 31  |
| Thirty-five to forty..... | 18       | 20  | 38  | Six to nine months.....  | 7        | 12  | 19  |
| Forty to forty-five.....  | 19       | 17  | 36  | Nine months to one year  | 14       | 8   | 22  |
| Forty-five to fifty.....  | 15       | 12  | 27  | One to two years.....    | 8        | 16  | 24  |
| Fifty to fifty-five.....  | 8        | 10  | 18  | Two to three years.....  | 8        | 15  | 23  |
| Fifty-five to sixty.....  | 7        | 12  | 19  | Three to four years....  | 5        | 8   | 13  |
| Sixty to sixty-five.....  | 4        | 6   | 10  | Four to five years.....  | 5        | 10  | 15  |
| Sixty-five to seventy...  | 7        | 3   | 10  | Five to ten years.....   | 4        | 6   | 10  |
| Seventy to seventy-five   | 5        | 9   | 14  | Ten to fifteen years.... | 1        | 3   | 4   |
| Seventy-five to eighty..  | 3        | 3   | 6   | Fifteen to twenty years  | 2        | 3   | 5   |
| Over eighty .....         | 4        | 6   | 10  | Over twenty years.....   | 4        | 5   | 9   |
| Unknown .....             | 2        | 1   | 3   | Unknown .....            | 10       | 6   | 16  |
| Total.....                | 150      | 152 | 302 |                          | 150      | 152 | 302 |

TABLE NO. IX.

Form of Mental Derangement.

| Form.                      | Men. | Women. | Total. |
|----------------------------|------|--------|--------|
| Mania, acute .....         | 33   | 24     | 57     |
| Mania, chronic .....       | 12   | 18     | 30     |
| Mania, recurrent .....     | 5    | 12     | 17     |
| Mania, puerperal .....     | ..   | 5      | 5      |
| Dementia, acute .....      | 10   | 11     | 21     |
| Dementia, chronic .....    | 7    | 15     | 22     |
| Dementia, senile .....     | 13   | 18     | 31     |
| Melancholia, acute .....   | 17   | 15     | 32     |
| Melancholia, chronic ..... | 20   | 18     | 38     |
| General paresis .....      | 3    | 1      | 4      |
| Epilepsy .....             | 5    | 5      | 10     |
| Congenital .....           | 8    | 3      | 11     |
| Alcoholism .....           | 15   | 4      | 19     |
| Opium habit .....          | 2    | 3      | 5      |
| Total .....                | 150  | 152    | 302    |

TABLE NO. X.

## Alleged Causes of Insanity.

|  | Men. | Women. | Total. |
|--|------|--------|--------|
| General ill health.....                        | 9    | 17     | 26     |
| Domestic affliction, loss of friends, etc..... | 10   | 9      | 19     |
| Domestic troubles .....                        | 6    | 12     | 18     |
| Business troubles, loss of property, etc.....  | 12   | 5      | 17     |
| Loss of sleep, overwork, overstudy, etc.....   | 10   | 14     | 24     |
| Old age .....                                  | 13   | 16     | 29     |
| Epilepsy .....                                 | 5    | 7      | 12     |
| Vicious habits and indulgences.....            | 17   | 5      | 22     |
| Specific diseases .....                        | 5    | 1      | 6      |
| Intemperate in use of alcohol.....             | 21   | 3      | 24     |
| Sunstroke, heat exhaustion .....               | 4    | 0      | 4      |
| Injury to head .....                           | 5    | 3      | 8      |
| Congenital .....                               | 8    | 5      | 13     |
| Disappointed affections .....                  | 0    | 2      | 2      |
| Puerperal state .....                          | 0    | 10     | 10     |
| Menopause .....                                | 0    | 12     | 12     |
| Menstrual troubles .....                       | 0    | 7      | 7      |
| La Grippe .....                                | 2    | 0      | 2      |
| Opium habit .....                              | 2    | 3      | 5      |
| Following surgical operations.....             | 0    | 3      | 3      |
| Fright .....                                   | 3    | 0      | 3      |
| Unknown or unascertained .....                 | 18   | 18     | 36     |
| Total .....                                    | 150  | 152    | 302    |

TABLE NO. XI.

## Nativity of Patients Admitted.

|                            | Men. | Women. | Total. |
|----------------------------|------|--------|--------|
| New Jersey .....           | 80   | 73     | 153    |
| Pennsylvania .....         | 10   | 10     | 20     |
| New York .....             | 6    | 7      | 13     |
| Virginia .....             | 0    | 7      | 7      |
| Delaware .....             | 3    | 0      | 3      |
| Maryland .....             | 1    | 4      | 5      |
| Connecticut .....          | 0    | 1      | 1      |
| Vermont .....              | 1    | 0      | 1      |
| North Carolina .....       | 2    | 1      | 3      |
| Missouri .....             | 1    | 0      | 1      |
| Wisconsin .....            | 1    | 0      | 1      |
| Kentucky .....             | 4    | 1      | 5      |
| Illinois .....             | 0    | 1      | 1      |
| District of Columbia ..... | 1    | 0      | 1      |
| England .....              | 7    | 7      | 14     |
| Germany .....              | 3    | 7      | 10     |
| Ireland .....              | 7    | 12     | 19     |
| Austria .....              | 2    | 4      | 6      |
| Poland .....               | 2    | 2      | 4      |
| Scotland .....             | 0    | 3      | 3      |
| Russia .....               | 2    | 1      | 3      |
| Italy .....                | 5    | 2      | 7      |
| Hungary .....              | 3    | 0      | 3      |
| Canada .....               | 1    | 0      | 1      |
| France .....               | 1    | 0      | 1      |
| Denmark .....              | 1    | 1      | 2      |
| Norway .....               | 0    | 1      | 1      |
| Bermuda .....              | 0    | 1      | 1      |
| Unknown .....              | 10   | 6      | 16     |
| Total .....                | 150  | 152    | 302    |

TABLE NO. XII.

Patients Remaining in the Hospital October 31st, 1904, and Counties from Whence Sent.

| Counties.        | Men. | Women. | Total. |
|------------------|------|--------|--------|
| Atlantic .....   | 7    | 10     | 17     |
| Bergen .....     | 2    | 1      | 3      |
| Burlington ..... | 13   | 6      | 19     |
| Camden .....     | 25   | 21     | 46     |
| Cape May .....   | 10   | 17     | 27     |
| Cumberland ..... | 7    | 3      | 10     |
| Essex .....      | 0    | 3      | 3      |
| Gloucester ..... | 34   | 28     | 62     |
| Hudson .....     | 3    | 0      | 3      |
| Hunterdon .....  | 30   | 32     | 62     |
| Mercer .....     | 171  | 145    | 316    |
| Middlesex .....  | 122  | 129    | 251    |
| Monmouth .....   | 84   | 106    | 190    |
| Morris .....     | 0    | 1      | 1      |
| Ocean .....      | 32   | 33     | 65     |
| Salem .....      | 14   | 12     | 26     |
| Somerset .....   | 51   | 50     | 101    |
| Union .....      | 1    | 3      | 4      |
| New Jersey ..... | 40   | 3      | 43     |
| Total .....      | 646  | 603    | 1,249  |

## HEREDITY.

In eighty-eight cases—thirty-nine men and forty-nine women—of the total number admitted during the year, there was acknowledged slight or decided hereditary predisposition to insanity. In thirty-nine cases—nineteen men and twenty women—the hereditary taint was in the paternal line; in forty-four cases—seventeen men and twenty-seven women—in the maternal line; and in five cases—three men and two women—in both the paternal and maternal lines. In one hundred and thirty-eight cases—seventy-five men and sixty-three women—hereditary predisposition was denied as existing, and in thirty-seven cases—seventeen men and twenty women—the history of the family of the patient was unknown or could not be ascertained.

## SUICIDAL TENDENCY.

In twenty-seven cases—thirteen men and fourteen women, there existed a decided suicidal tendency, and in thirty-eight cases—twenty men and eighteen women—suicide was threatened, but no actual attempt was made at self injury.

## HOMICIDAL TENDENCY.

In seventeen cases—eleven men and six women—there existed a decided homicidal tendency, and in forty-nine cases—thirty-one men and eighteen women—homicide was threatened.

## INTEMPERANCE.

In fifty-two cases—forty-two men and ten women—there was acknowledged intemperance in the use of alcoholic drinks. In fourteen cases—ten men and four women—the individual was designated as a moderate drinker—and in eight cases—three men and five women—the opium habit existed.

## INTEMPERANCE IN PARENTS.

In twenty-three cases—thirteen men and ten women—the father of the patient was intemperate in the use of alcohol and in two cases—women—both the father and mother were intemperate.

## CIVIL CONDITION.

Of the three hundred and two patients admitted during the year, one hundred and twenty-eight—sixty-four men and sixty-four women—were married, and ninety-five—fifty-one men and forty-four women—were single. Forty-three—fourteen men and twenty-nine women—were widowed; one man was divorced, and in fourteen cases—seven men and seven women—the civil condition could not be ascertained.

## ACKNOWLEDGMENTS.

Our thanks are especially due to the proprietors of the following daily and weekly newspapers for gratuitous copies sent regularly throughout the year for the use of the members of our household. The local or home newspaper is always one the most welcome visitors to our corridors.

|                                 |              |
|---------------------------------|--------------|
| Daily State Gazette.....        | Trenton.     |
| Daily True American.....        | Trenton.     |
| Trenton Times (daily).....      | Trenton.     |
| Salem Sunbeam.....              | Salem.       |
| National Standard.....          | Salem.       |
| South Jerseyman.....            | Salem.       |
| Standard and Jerseyman.....     | Salem.       |
| Monmouth Inquirer.....          | Freehold.    |
| Elmer Times.....                | Elmer.       |
| Bound Brook Chronicle.....      | Bound Brook. |
| New Jersey Patriot.....         | Bridgeton.   |
| Bridgeton Chronicle.....        | Bridgeton.   |
| Burlington Gazette.....         | Burlington.  |
| New Jersey Enterprise.....      | Burlington.  |
| Hunterdon County Democrat.....  | Flemington.  |
| Democrat-Advertiser.....        | Flemington.  |
| The Constitution.....           | Woodbury.    |
| Unionist Gazette.....           | Somerville.  |
| Somerset Democrat.....          | Somerville.  |
| Beverly Banner.....             | Beverly.     |
| Ocean County Democrat.....      | Toms River.  |
| Dover Index.....                | Dover.       |
| Herald and Times.....           | Atco.        |
| Hopewell Herald.....            | Hopewell.    |
| Glassboro Enterprise.....       | Glassboro.   |
| Hunterdon Independent.....      | Frenchtown.  |
| Burlington County Democrat..... | Mount Holly. |
| Times and Journal.....          | Lakewood.    |

## Report of the Pathologist.

*John W. Ward, M. D., Medical Director.*

SIR:—I herein submit my report of work done at the Laboratory during the year ending November 1, 1904. The usual microscopical and chemical investigations for diagnostic purposes have been carried on, among them the bacteriological examination of cultures from a number of cases of sore throat, during a slight epidemic of diphtheria during the late spring, but autopsy material has been scant and of less interest than usual.

The results of the autopsies, twelve in number, are shown in the following synopsis:

Case No. 45.—Male. Aged 51 years. In hospital six weeks (third admission). Mental disease, alcoholic and opium addiction. Last illness, diagnosis not made. Died rather suddenly. Permission to open the abdomen only. Anatomical diagnosis—Pleural adhesions, chronic pneumonia, rupture of the aorta, chronic gastritis, chronic diffuse nephritis. Cause of death, rupture of the aorta.

Case No. 46.—Female. Aged 33 years. In hospital four years. Mental disease, general paresis. Last illness, a paretic seizure. (Permission to examine the brain only). Anatomical diagnosis—Chronic meningo-encephalitis (degeneration of the cortical nerve cells), perivascular deposit, meningeal thickening and adhesions, brain greatly shrunken. Cause of death, general paresis.

Case No. 47.—Male. Aged 76 years. In hospital thirteen years. Mental disease, senile dementia. Last illness chronic pneumonia. Anatomical diagnosis—Dural adhesions, chronic leptomeningitis degeneration of the cortical nerve cells, chronic bronchopneumonia, with an acute exacerbation on the left side, sero-fibrinous pleurisy on the right side, chronic congestion of the liver and spleen, sub-acute gastro-enteritis, chronic diffuse nephritis. Cause of death, pleurisy, chronic pneumonia.

Case No. 48.—Male. Aged 48 years. In hospital ten months. Mental disease, mania, sub-acute. Last illness pulmonary tuberculosis. Anatomical diagnosis—Slight leptomeningitis, degeneration of the cortical nerve cells, chronic pneumonia, chronic gastro-enteritis, congestion of the liver, chronic interstitial nephritis. Cause of death, chronic pneumonia, chronic gastroenteritis.

Case No. 49.—Male. Aged 44 years. In hospital sixteen months (second admission). Mental disease, subacute mania. Last illness, died suddenly while out walking. Anatomical diagnosis—Chronic leptomeningitis, slight degeneration of the cortical nerve cells, intense arterial atheroma, specially marked in the branches of the coronary arteries, beginning diffuse nephritis, a few disseminated tubercles in the lungs. Cause of death, degeneration of the heart muscles, myocarditis.

Case No. 50.—Male. Aged 55 years. In hospital twenty-seven years. Mental disease, imbecility. Last illness, cerebral embolism. Anatomical diagnosis—Meningeal thickening, atheroma of the cerebral arteries, plugging of the left posterior cerebral artery, softening in the left paracentral lobule and in the floor of the aqueduct of Sylvius, slight degenerative changes in the cortical nerve cells, a small tumor (a degenerated tubercle) in the right optic thalamus, pleural adhesions, slight chronic myocarditis, slight interstitial nephritis. Cause of death, cerebral softening from embolism.

Case No. 51.—Female. Aged 60 years. In hospital six months. Mental disease, chronic melancholia. Last illness, chronic inanition. Permission to examine abdominal cavity only. Anatomical diagnosis—Arterial atheroma, chronic myocarditis, pleural adhesions, congestion of the lungs, chronic gastro-enteritis, fibroid tumor of the uterus, chronic diffuse nephritis. Cause of death, chronic gastro-enteritis, inanition.

Case No. 52.—Male. Aged 52 years. In hospital twenty-eight years. Mental disease, terminal dementia. Last illness, "heart disease." Anatomical diagnosis—meningeal adhesions, slight degeneration of the cortical nerve cells, pleural adhesions, lobar pneumonia of the right lung, chronic gastroenteritis, fatty degeneration of the liver, chronic diffuse nephritis. Cause of death, lobar pneumonia.

Case No. 53.—Male. Aged 71 years. In hospital eight months. Mental disease, senile dementia. Last illness, diagnosis not made. (Examination limited to the thoracic and abdominal cavities). Anatomical diagnosis—Chronic pleurisy, chronic pneumonia, carcinoma of the stomach and pancreas, chronic diffuse nephritis. Cause of death, cancer of the stomach, &c.

Case No. 54.—Male. Aged 80 years. In hospital twenty-six years. Mental disease, terminal dementia. Last illness, erysipelas of the scalp. Anatomical diagnosis—Cellulitis (erysipelatosus) of the scalp, meningeal congestion, moderate degeneration of the cortical nerve cells, arterial atheroma, chronic myocarditis, pleural adhesions, hypostatic pneumonia of the bases of both lungs, chronic interstitial nephritis. Cause of death, erysipelas of the scalp, senility.

Case No. 55.—Male. Aged 30 years. In hospital two years. Mental disease, chronic melancholia. Last illness, pulmonary tuberculosis. Anatomical diagnosis—Marked degeneration of the cortical nerve cells, tuberculosis of the lungs, congestion of the liver and spleen, chronic diffuse nephritis. Cause of death, tuberculosis of the lungs.

Case No. 56.—Male. Aged 65 years. In hospital three years. Mental disease, senile dementia. Last illness, cancer of the stomach. (Permission to examine thoracic and abdominal cavities only). Anatomical diagnosis—Carcinoma of the stomach, with metastases in the liver, pancreas, diaphragm and lungs, chronic diffuse nephritis. Cause of death, cancer of the stomach, with metastases.

The purchase of a large brain microtome, and of a slide cabinet is recommended, and it is suggested that if a young man having some preliminary scientific education, and wishing to study medicine, or to follow up some line of work requiring a knowledge of laboratory technique, could be secured as a laboratory assistant, more interest would be taken, better results would be secured, and the pathologist could find more time for original investigations.

Respectfully submitted,

CHARLES LEWIS ALLEN, M. D.

## Note on Changes in the Kidneys in the Insane.

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It has been remarked by those who make autopsies upon the insane, that lesions of the kidneys are much more common than among an average hospital material of persons not insane. This can be accounted for in part, by the fact that the population of most asylums is made up largely of chronic cases, persons who have reached middle or advanced life, the period at which chronic diseases of the kidneys are most common. This does not however account entirely for the greater relative frequency with which kidney changes are found. C. H. Bond,—in the *British Medical Journal* for March 2, 1895—compares his findings in 154 consecutive autopsies at Banstead Asylum, with those in 422 autopsies at St. Bartholomew's Hospital. Since his article is mainly devoted to a study of the possible connection of kidney disease with chronic alcoholism, he has excluded fatty, waxy and tuberculous changes. Comparing similar cases at the two institutions, at Banstead, kidney changes were found in 74 cases, or 48 per centum of all autopsies, while at St. Bartholomew's, they were present in 26 per centum of the cases. Beadles—in the *Journal of Mental Science* for 1895—states that he has rarely found the kidneys healthy in the insane of middle or advanced age, in 150 autopsies at Colney Hatch Asylum, kidney changes being observed 106 times, or in 70 per centum of the cases. Bendurant—of the Alabama Bryce Hospital—in a study of the arterial changes in the insane, states that practically all atheromatous cases show chronic nephritis.

Turning to our own material we find that in 56 autopsies, the kidneys were examined both macroscopically and microscopically in 53 cases, in the remaining three cases examination of the brain alone being permitted.

Of these 53 cases, 34 were males and 19 females, their ages being between 20 and 30 years in two males, between 30 and 40 in six males and three females, between 40 and 50 in ten males and two females, between 50 and 60 in six males and six females, between 60 and 70 in three males and three females, between 70 and 80 in six males and five females, and 80 years in one male.

The mental disease was of chronic character in the great majority of instances being terminal dementia in 19 cases, senile dementia in 11 cases, organic dementia in 2 cases, general paresis in 6 cases, "delusional insanity" in 3 cases, imbecility in 2 cases, and epilepsy in one case, the remaining 9 cases consisting of mania subacute, 2 cases; melancholia subacute, 2 cases; alcoholism, 1 case; acute delirium, 1 case; brain tumor, 1 case; rabies, 1 case, and opium habit, 1 case.

In only two of all the cases examined were the kidneys healthy. These cases, No. 10 and No. 17, both of terminal dementia, were respectively in a man of 45, and a woman of 34, the first dying from pleurisy and the second from pneumonia, each after a short illness.

From the 51 cases in which renal changes were found, the following should be subtracted as showing these in more acute form, and probably secondary to the following diseases, to tuberculosis in eight cases, to sepsis in one case, to acute delirium in one case, to empyema in one case, to alcoholism in one case, to rabies in one case, and to pernicious anemia in one case; also one case of gumma of the kidney. This leaves us 38 cases of renal disease of chronic character, and more or less advanced, in 53 autopsies, or 71.6 per centum, a figure corresponding closely to that obtained by Beadles. As to age only four of these patients were below forty, while twenty-seven were fifty or over. The changes found consisted both of connective tissue increase, and of degeneration of glomeruli and of epithelium of the tubules, in differing proportions in different cases, the most frequent type being a chronic diffuse nephritis. What conclusions are we justified in drawing from these results? It does not appear that the kidney changes were the cause of the insanity, for in the great majority of these cases the mental symptoms long antedated the renal disease. Chronic kidney changes have long been regarded as of a degenerative character, and determined by factors not entirely clear. The chronic insanities present also the characteristics of a degenerative process, affecting especially the brain, and are so regarded by most authorities today.

That the degeneration is, however, of far reaching character, and does not confine itself to the nervous system, we are continually accumulating evidence, and in this connection the prominence of kidney changes is very striking. In general paresis the most characteristic mental and physical break down, renal disease is practically always present if the patient lives long enough. It was found in all of our paretics.

Can any practical conclusions as to treatment be drawn? While the symptoms of chronic Brights disease may be alleviated, we know at present of no method of curing it. The symptoms of delirium and stupor not infrequently observed in chronic patients, especially in the aged, are probably often due to failure to functionate properly upon the part of kidneys, more or less diseased, though this is not always shown by the presence of albumen and casts in the urine. As to the frequency of such degenerative changes, these statistics shed some light, and if they convey any lesson, it is that of the importance of looking to the maintenance of the depurative and eliminative function of the kidney, in all cases presenting symptoms of the above character, even in the face of a negative result from urinary examination.

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REPORT OF THE WARDEN.

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(39)

## Wardens' Report.

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*To the Board of Managers of the New Jersey State Hospital at Trenton:*

GENTLEMEN—Herewith I have the honor of presenting the Annual report of the Warden's department for the year ending October 31st, 1904, including a detailed statement of the receipts and disbursements of cash during the year, a statement of the work done, and improvements made, and also approximate amounts of money needed from the State for the year ending October 31st, 1906. There is also shown in the appendix to this report, statements in detail of the work done in our mattress department, flour mill and sewing rooms, the quantities of fruits canned, preserved, jellied and pickled, and also products of the farm and garden. You will observe that our expenses for the year show an increase over last year of \$12,539.77 which is partly accounted for in the increased number of patients, the average number for the year being twelve hundred and one, an increase over the average number of the preceding year of forty-one, nearly four per cent. The average cost per patient per annum was \$224.28 an increase of \$2.87 over the previous year. This is caused by the advance in prices of supplies of every description. The average cost for the past eight years has been \$216.78 showing an increase for this year of \$7.64 per annum, or less than fifteen cents per week per patient, and when the cost of all supplies is taken into consideration, it will be readily seen that the Institution has been maintained more economically during the past year than previously. The cash balance in our statement on the surface appears very large, but it should be supplemented with an explanation that at this time in the year all of our income has been collected, and that outstanding bills remain unpaid to the amount of ten thousand dollars, and the October monthly pay roll (to be paid in November before this report is presented) of nearly six thousand dollars, it will be readily seen that before the first week of January next, when we receive the amount due from the State

for maintenance of our patients, this balance will be exhausted and we will be unable to pay cash for our expenses as required by the law until after that date.

The receipts and disbursements of cash have been as follows:

|  |             |
|--|-------------|
| Balance in hands of Treasurer, November 1st, 1903..... | \$28,551.78 |
| Cash receipts from all sources .....                   | 272,255.55  |
|  | 300,807.33  |
| Cash payments during the year.....                     | 269,367.04  |
|  | \$31,440.29 |
| Cash balance October 31st, 1904.....                   | \$31,440.29 |

If this report was rendered on December 31st instead of October 31st, this balance would be shown completely wiped out, and unpaid bills and pay roll amounting to at least twenty-five thousand dollars would appear waiting the receipt of cash from the State Treasury for the maintenance of the patients for the past three months. The institution is required to pay cash for all purchases, yet is compelled to wait until three months' income is earned before collecting from the State for same. These remarks regarding our cash balance may seem unnecessary, but are made to explain why with this balance the payment of our bills is delayed at times for a short period.

#### INVENTORY.

The annual Inventory and appraisal of the personal property of the Institution was made as usual, commencing during the third week of October as required by law and amounts to \$170,276.25.

The appraisers appointed by the Board of Managers were Messrs. Frank H. Wilson and Daniel Loder, who assisted in taking the inventory, and the Warden takes this opportunity of expressing his indebtedness to these gentlemen for their efficient services.

#### APPRAISEMENT.

|  |              |
|--|--------------|
| Buildings, grounds, etc., valued at.....   | \$770,000.00 |
| Personal property, appraised as above..... | 170,276.25   |

#### IMPROVEMENTS NEEDED.

In my last annual report, I called attention to the necessity of an improvement in our walks, and asked for an appropriation of \$3500.00 for same, also to the condition of our plaster ceilings, which should be replaced with metal ceilings to cost about \$4000.00 and I have repeatedly, for a number of years reported the condition and size of our coal bins showing the need of additional storage capacity, and recommending an appropriation of \$15,000.00 be secured for same. The necessity for these improvements is just as urgent at the present time as when first reported, and I trust the necessary amounts will be secured for their accomplishment.

#### ENTERTAINMENTS.

The matter of entertainments and other means for the amusement of the patients require considerable time and thought, and especially during the winter months it is very necessary to have something to break the monotony of Institution life. To this end we arrange a program of entertainments to commence at Thanksgiving and running throughout the winter months until early in April. For the coming season we are arranging for fourteen entertainments consisting of singing, dancing, reading, juggling, music and vaudeville attractions. In addition to these entertainments the patients have a dance Tuesday evenings during the cold weather. During the summer months they have the advantage of going out around the grounds, etc., and with our base ball grounds have more variety than during the cold weather when they are confined in the house.

#### GENERAL REPAIRS AND IMPROVEMENTS.

During the past year there has been no unusual improvements made, but the property has been kept up in its usual good shape, and to do this it is necessary to be constantly repairing and renewing. Much of this is small, but takes both time and expense. A building for storage purposes for our machinists and masons has been erected in place of the old shed which had been in use many years, and should have been removed long since. All book-cases, wardrobes, tables etc., for use in the Institution are made by our regular employees, and in this line there has been made, one book-case for kitchen and dining room overseer, two book-cases for Warden, one wardrobe each for third floor annex and hall 10

West, one table each for laboratory, hall 11 A. East, and attendant's dormitory. Three dining tables each East and West dining room annex, twelve dining tables for first floor dining room West, three dining tables for second floor dining room West, and one attendant's table for No. 1 East. New yellow pine floors have been laid in six rooms and on porch at laboratory. The 12 inch brick partition walls on Hall No. 9 East were supported on wooden joist when the building was erected, and these had become unsafe, and the walls were cracking making it necessary to re-build the walls and replace the joist with iron beams. In line with our recommendations of last year, there have been metal ceilings placed on the kitchens of the Main Building both East and West, and one in the office of the Assistant Physicians. Have laid cement floors in cellars under Halls No. 9 East, 12 East and 12 B East, the latter with a terra cotta drain. Our recommendation for an appropriation for stone walks to replace those of boards, if granted would prove economical, as during the past year, we have entirely renewed eighteen hundred square feet of board walks in yard No. 6 West, four hundred square feet in Hollow Square yard West, eight hundred square feet in yard No. 10 East, and about fifteen hundred square feet in yard No. 9 West. If most of these were replaced by stone walks, the first cost would be the last as there would be no repairs necessary. All of the Artesian Well pumps have been thoroughly overhauled as has also the pump at the Flour Mill. All of the campaniles on the Annex, and the dome on the Main Building have been shingled around their bases to strengthen same, and to make them weather tight as they were all leaking badly and needed extensive overhauling. All of the rain conductors have been thoroughly overhauled and renewed where necessary, and all metal roofs have also had a thorough renovating and are now in very good condition. We have reset completely two of the boilers in the Main Boiler House, and completely renewed one half of the old or main greenhouse. There has been painted all metal roofs, all stairways in the Main Building, the Cow Barn, Silo, Main Barn, Small Barn, and Corn Crib, two frame houses opposite Asylum Station, and the entire second floor of the Main Building with the exception of Halls Nos. 1 and 5 East, making ten halls painted. These and the other necessary repairs have been sufficient to keep our employees very busy all the while.

FIRE PROTECTION.

Throughout the houses and buildings we have forty-eight fire extinguishers, fire hose on each hall and at laundry, mill and boiler house. In addition, we have two thousand feet of 2 1-2 inch fire hose, two hose carriages and one fire extension ladder. There are twenty-five fire plugs on the grounds, two of which were placed in front of the Annex building during the past summer, being the latest improved three-way plugs, and are connected with our water supply by six-inch pipe, of which four hundred and twenty feet were necessary. We are at the present time building a frame building for the temporary storing of a first-class hook and ladder truck, which has been offered to the Institution by the Trenton City Fire Department for the use of the Institution in case of fire. The Hospital should have a proper building for the housing of our Fire Hose, Hose Carriage and this Truck, and also for sleeping accommodations for our outside employes. At the present time the sleeping quarters for these men are scattered all over the institution, and in case of fire at night, it would be almost impossible to collect same together in time to prevent much damage. Our fire hose and fire apparatus should be housed in the same building with the men, and in case of an alarm, it could be attended to immediately. I would recommend that the Legislature be requested to appropriate \$15,000 for a suitable building for these men.

REQUIREMENTS.

In accordance with the law, I give herewith an approximate estimate of the several amounts of money required from the State for the support and maintenance of the patients in the institution, and for other purposes, for the year ending October 31st, 1906, as follows:

|   |            |
|---|------------|
| For the annual inventory.....                                 | \$75 00    |
| For support and clothing of insane convicts.....              | 12,000 00  |
| For support of State indigent patients.....                   | 35,000 00  |
| For salaries of resident officers.....                        | 12,500 00  |
| For allowance of \$2.00 per week for each county patient..... | 100,000 00 |

These amounts are all exactly the same as requested last year, and will be sufficient for the next year if some provision is not made for additional accommodation of patients. The capacity



EXERCISE GROUNDS AND FARM BUILDINGS.

of the institution is now taxed to its uttermost, and it is only a question of a very short time when the admission of new patients will have to be prohibited on account of having no room for their accommodation. If an addition is erected, one or more of these amounts will not be sufficient to cover the maintenance of the patients for which they are requested.

## DEFICIENCIES.

In my report of last year attention was called to the rapid increase of State indigent patients, and a request made for an additional appropriation for this class of patients. The Legislative Committee failed to make the necessary provision, and the actual shortage for the past year was \$3,164.57. In the amount for salaries of resident officers the appropriation for the past year was short \$450.00, and for the present year \$500.00, making an additional sum of \$950.00 for resident officers' salaries to be appropriated in a deficiency bill. These are amounts actually earned and should be taken care of at the coming session of the State Legislature. I again urge the necessity of the passage of a law allowing the commitment of State indigent patients to the county asylums in cases where they are sent from a county having a county asylum, until provision is made at this institution, or otherwise for the erection of an additional building to take care of the increase in the number of insane.

In conclusion, I desire to express my appreciation to the Medical Director and his staff for assistance given me during the year, and gentlemen, I again express my gratitude to the several members of the Board of Managers for your kindly interest and continued confidence and assistance in the performance of my duties.

Respectfully submitted,  
WILLIAM P. HAYES,  
*Warden.*

## Abstract of Receipts and Disbursements.

*The Board of Managers of the New Jersey State Hospital  
at Trenton:*

GENTLEMEN—The following abstract of receipts and disbursements for the year ending October 31st, 1904, is respectfully submitted:

## RECEIPTS.

|  |             |
|--|-------------|
| Balance in hands of Treasurer October 31, 1903.....              | \$28,551 78 |
| Amount received from State Treasurer, for county patients .....  | 97,511 71   |
| Amount received from State Treasurer, for convict patients ..... | 11,123 57   |
| Amount received from State Treasurer, for State patients .....   | 21,459 78   |
| Amount received from Atlantic county.....                        | 638 65      |
| Amount received from Burlington county.....                      | 129 61      |
| Amount received from Camden county.....                          | 261 93      |
| Amount received from Cape May county.....                        | 2,415 30    |
| Amount received from Cumberland county.....                      | 468 83      |
| Amount received from Gloucester county.....                      | 6,131 41    |
| Amount received from Hunterdon county.....                       | 5,258 93    |
| Amount received from Mercer county.....                          | 28,521 35   |
| Amount received from Middlesex county.....                       | 29,160 86   |
| Amount received from Monmouth county.....                        | 21,871 18   |
| Amount received from Ocean county.....                           | 6,091 27    |
| Amount received from Salem county.....                           | 5,172 97    |
| Amount received from Somerset county.....                        | 7,448 85    |
| Amount received from Hudson county.....                          | 69 23       |
| Amount received from private patients.....                       | 23,667 22   |
| Amount received from sundries.....                               | 4,852 90    |

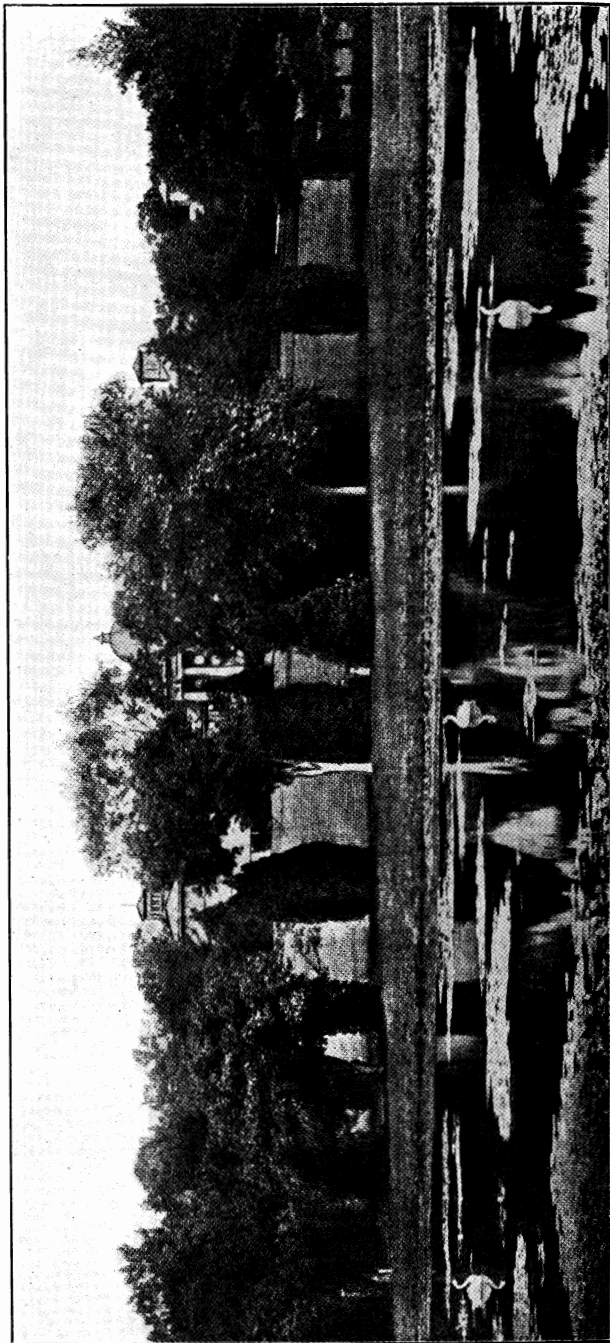
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272,255 55

\$300,807 33

## DISBURSEMENTS.

|   |              |
|---|--------------|
| Amusements .....                                      | 735 30       |
| Books and stationery .....                            | 533 35       |
| Bedding, linen, etc. ....                             | 4,112 76     |
| Clothing .....  | 7,901 25     |
| Crockery and cutlery.....                             | 978 22       |
| Farm and garden.....                                  | 5,667 96     |
| Feed .....  | 2,374 67     |
| Fruit .....   | 10,095 73    |
| Freight .....   | 252 57       |
| Furniture and carpets.....                            | 3,795 36     |
| Fuel .....  | 27,754 25    |
| Funeral expenses .....                                | 219 96       |
| Gas and steam pipes, fixtures, etc.....               | 1,910 75     |
| Grounds and grading .....                             | 1,725 33     |
| Hay and straw .....                                   | 1,087 45     |
| Harness and wagons, etc.....                          | 766 75       |
| Household goods .....                                 | 3,763 25     |
| Insurance .....                                       | 929 50       |
| Incidentals .....                                     | 1,400 91     |
| Laundry .....   | 6,387 64     |
| Light .....   | 6,756 98     |
| Lumber .....  | 2,223 37     |
| Medical supplies .....                                | 5,425 47     |
| Medical library .....                                 | 34 50        |
| Newspapers .....                                      | 239 19       |
| Provisions and groceries.....                         | 92,359 56    |
| Postage .....   | 461 27       |
| Refunding .....                                       | 724 58       |
| Repairs and improvements.....                         | 13,687 75    |
| Stock (live) .....                                    | 2,850 80     |
| Tinware .....   | 498 87       |
| Tools and supplies, boiler house and machine shop..   | 775 34       |
| Telegrams, telephone rental, etc.....                 | 240 15       |
| Vegetables .....                                      | 2,370 29     |
| Wheat .....   | 4,512 37     |
| Wages .....   | 53,813 59    |
|   | <hr/>        |
|   | \$269,367 04 |
| Balance in hands of Treasurer October 31st, 1904..... | \$31,440 29  |



BUILDINGS AND LAKE.

## Appendix to Warden's Report.

### FARM AND GARDEN PRODUCTS.

#### FARM.

|         |                                      |          |             |
|---------|--------------------------------------|----------|-------------|
| 3,200   | Bushels potatoes, at 65 cents.....   | 2,080 00 |             |
| 487     | Bushels wheat, at \$1.25.....        | 608 75   |             |
| 600     | Bushels corn, at 65 cents.....       | 390 00   |             |
| 475     | Tons ensilage, at \$4.50.....        | 2,137 50 |             |
| 100     | Tons hay, at \$15.00.....            | 1,500 00 |             |
| 15      | Tons wheat straw, at \$9.00.....     | 135 00   |             |
| 3,000   | Bundles corn stalks, at 3 cents..... | 90 00    |             |
| 142,858 | Quarts milk, at 4½ cents.....        | 6,428 61 |             |
|         |                                      |          | \$13,369 86 |

#### STOCK.

|  |   |          |          |
|--|---|----------|----------|
|  | Cows slaughtered (9,720 pounds), at 6½ cents..... | 631 80   |          |
|  | Calves sold (34), at \$2.50.....                  | 85 00    |          |
|  | Hides, tallow and grease.....                     | 719 75   |          |
|  | Hogs sold .....                                   | 3,055 85 |          |
|  |   |          | 4,492 40 |

#### GARDEN.

|       |  |        |
|-------|--|--------|
| 648   | Bunches asparagus, at 10 cents.....    | 64 80  |
| 4,856 | Bunches onions, at 2¼ cents.....       | 109 26 |
| 1,770 | Bunches parsley, at 3½ cents.....      | 61 95  |
| 4,668 | Bunches radishes, at 2 cents.....      | 93 36  |
| 3,133 | Bunches rhubarb, at 5 cents.....       | 156 65 |
| 2,300 | Bunches leek, at 3½ cents.....         | 80 50  |
| 300   | Bunches herbs, at 3½ cents.....        | 10 50  |
| 293   | Bunches kohlrabi, at 3½ cents.....     | 10 25  |
| 19    | Bushels apples, at 40 cents.....       | 7 60   |
| 389   | Bushels beets, at 65 cents.....        | 252 85 |
| 155½  | Bushels string beans, at 75 cents..... | 116 63 |
| 139   | Bushels Lima beans, at \$1.00.....     | 139 00 |
| 121   | Bushels carrots, at 50 cents.....      | 60 50  |
| 54    | Bushels cucumbers, at 75 cents.....    | 40 50  |
| 39½   | Bushels grapes, at \$1.25.....         | 49 38  |
| 203   | Bushels onions, at \$1.25.....         | 253 75 |

## NEW JERSEY STATE HOSPITAL.

|        |  |     |             |
|--------|--|-----|-------------|
| 1      | Bushel okra, at \$1.50.....                | 1   | 50          |
| 20     | Bushels onion sets, at \$2.50.....         | 50  | 00          |
| 56½    | Bushels peppers, at 50 cents.....          | 28  | 25          |
| 208½   | Bushels spinach, at 50 cents.....          | 104 | 25          |
| 83½    | Bushels squash, at 50 cents.....           | 41  | 75          |
| 1,039  | Bushels tomatoes, at 70 cents.....         | 727 | 30          |
| 110    | Bushels tomatoes (green), at 70 cents....  | 77  | 00          |
| 187½   | Bushels peas, at \$1.50.....               | 281 | 25          |
| 5½     | Bushels currants, at \$1.50.....           | 8   | 25          |
| 125    | Bushels turnips, at 40 cents.....          | 50  | 00          |
| 300    | Bushels parsnips, at 50 cents.....         | 150 | 00          |
| 5      | Bushels sprouts (Brussels), at 75 cents... | 3   | 75          |
| 75     | Bushels kale, at 50 cents.....             | 37  | 50          |
| 22,385 | Ears corn, at 1½ cents.....                | 335 | 75          |
| 8,650  | Heads cabbage, at 4 cents.....             | 346 | 00          |
| 263    | Heads cauliflower, at 7½ cents.....        | 19  | 72          |
| 4,954  | Heads lettuce, at 2 cents.....             | 99  | 08          |
| 275    | Heads endive, at 5 cents.....              | 13  | 75          |
| 20,000 | Heads celery, at 3 cents.....              | 600 | 00          |
| 1,000  | Heads celeriac, at 3 cents.....            | 30  | 00          |
| 400    | Pounds horseradish, at 7 cents.....        | 28  | 00          |
| 800    | Bundles corn stalks, at 3 cents.....       | 24  | 00          |
| 5      | Barrels pickles, at \$10.00.....           | 50  | 00          |
| 700    | Pumpkins, at 7½ cents.....                 | 52  | 50          |
|        |  |     | \$4,667 11  |
|        |  |     | \$22,529 37 |

## WORK DONE AT MILL.

|                        |         |        |
|------------------------|---------|--------|
| Cornmeal, ground ..... | 5,900   | pounds |
| Cracked corn .....     | 27,690  | pounds |
| Flour, ground .....    | 249,000 | pounds |
| Hog feed .....         | 16,500  | pounds |
| Bran .....             | 72,600  | pounds |

## FRUITS CANNED AND PRESERVED.

|                        |       |         |
|------------------------|-------|---------|
| Apple jelly .....      | 625   | Glasses |
| Apple preserves .....  | 80    | Quarts  |
| Apple marmalade .....  | 36    | Quarts  |
| Blackberries.....      | 144   | Quarts  |
| Blackberry jelly ..... | 20    | Glasses |
| Crab-apple jelly ..... | 54    | Glasses |
| Citron, spiced .....   | 600   | Quarts  |
| Cherries .....         | 1,317 | Quarts  |
| Cherry jelly .....     | 75    | Glasses |
| Currant jelly .....    | 273   | Glasses |

## NEW JERSEY STATE HOSPITAL.

|                             |       |         |
|-----------------------------|-------|---------|
| Currant preserves .....     | 10    | Quarts  |
| Elderberry jelly .....      | 32    | Glasses |
| Grape jelly .....           | 537   | Glasses |
| Huckleberry preserves ..... | 446   | Quarts  |
| Peaches .....               | 3,183 | Quarts  |
| Peach marmalade .....       | 1,504 | Quarts  |
| Peach jelly .....           | 224   | Glasses |
| Peaches, spiced .....       | 16    | Quarts  |
| Pears .....                 | 2,793 | Quarts  |
| Pears, spiced .....         | 576   | Quarts  |
| Pear marmalade .....        | 1,384 | Quarts  |
| Pineapples .....            | 401   | Quarts  |
| Pineapple jelly .....       | 86    | Glasses |
| Plums .....                 | 2,184 | Quarts  |
| Plum jelly .....            | 43    | Glasses |
| Parsley jelly .....         | 17    | Glasses |
| Quince jelly .....          | 335   | Glasses |
| Quince preserves .....      | 4     | Quarts  |
| Raspberry jelly .....       | 29    | Glasses |
| Raspberry preserves .....   | 148   | Quarts  |
| Rhubarb jelly .....         | 37    | Glasses |
| Strawberries .....          | 460   | Quarts  |
| Strawberry jelly .....      | 70    | Glasses |
| Tomatoes, preserves .....   | 756   | Quarts  |
| Tomatoes, canned .....      | 1,630 | Gallons |
| Tomato marmalade .....      | 100   | Quarts  |
| Tomatoes, pickled .....     | 12    | Barrels |
| Watermelon marmalade .....  | 324   | Quarts  |
| Pepper hash .....           | 315   | Gallons |
| Catsup .....                | 58    | Quarts  |

## WORK DONE IN MATTRESS ROOM.

|  |     |
|--|-----|
| Awnings made (new).....                | 2   |
| Awnings repaired .....                 | 6   |
| Awnings hung .....                     | 15  |
| Bolsters made (new).....               | 2   |
| Curtains hung (lace).....              | 50  |
| Cushions made (chair).....             | 54  |
| Carpets taken up (room).....           | 320 |
| Carpets relaid (room).....             | 254 |
| Carpets made and laid (new, room)..... | 65  |
| Carpets taken up (hall).....           | 55  |
| Carpets relaid (hall).....             | 62  |
| Carpets made and laid (new, hall)..... | 15  |
| Carpets made over .....                | 41  |
| Carpets repaired .....                 | 83  |
| Carpets, yards hemmed.....             | 588 |
| Furniture upholstered (pieces).....    | 26  |

|  |     |
|--|-----|
| Linoleum laid, new (yards).....            | 49  |
| Linoleum laid, old (yards).....            | 217 |
| Linen, rooms covered .....                 | 3   |
| Matting, rooms laid with old.....          | 1   |
| Mattresses made, new (single).....         | 65  |
| Mattresses made over (single).....         | 146 |
| Mattresses made, new (three-quarter).....  | 1   |
| Mattresses made over (three-quarters)..... | 7   |
| Mattresses made over (double).....         | 3   |
| Mattress ticks made.....                   | 213 |
| Pillows made, new (feather).....           | 29  |
| Pillows made over (feather).....           | 12  |
| Pillows made, new (hair).....              | 117 |
| Pillows made over (hair).....              | 23  |
| Pillow ticks made.....                     | 172 |
| Pillows made (sofa).....                   | 6   |
| Rugs made (large).....                     | 5   |
| Rugs made (small).....                     | 67  |
| Rugs repaired .....                        | 6   |
| Shades made (new).....                     | 200 |
| Shades made over.....                      | 56  |
| Shades repaired .....                      | 102 |
| Stools covered .....                       | 21  |
| Tables re-covered .....                    | 4   |

## REPORT FROM SEWING ROOM.

|                           |       |
|---------------------------|-------|
| Petticoats .....          | 443   |
| Pillow slips .....        | 1,753 |
| Ladies' aprons .....      | 308   |
| Chemises .....            | 440   |
| Sheets .....              | 2,044 |
| Gents' undervests .....   | 330   |
| Ladies' undervests .....  | 278   |
| Pairs stockings .....     | 33    |
| Gents' shirts .....       | 646   |
| Ladies' drawers .....     | 247   |
| Window curtains .....     | 28    |
| Burial drawers .....      | 50    |
| Camisoles .....           | 46    |
| Towels .....              | 2,514 |
| Pairs wristlets .....     | 12    |
| Holder .....              | 108   |
| Dresses .....             | 717   |
| Pairs bakers' gloves..... | 81    |
| Clothes bags .....        | 20    |
| Burial robes .....        | 13    |

|                          |     |
|--------------------------|-----|
| Burial chemises .....    | 12  |
| Tables clothes .....     | 141 |
| Men's drawers .....      | 203 |
| Men's aprons .....       | 289 |
| Sets bed ties .....      | 32  |
| Bolster cases .....      | 122 |
| Hemmed blankets .....    | 300 |
| Dress waists .....       | 16  |
| Oil-cloth collars .....  | 12  |
| Trimmed hats .....       | 12  |
| Linen muffs .....        | 12  |
| Attendants' caps .....   | 87  |
| Bibs .....               | 390 |
| Ladies' night gowns..... | 24  |
| Burial skirts .....      | 24  |
| Dress skirts .....       | 9   |

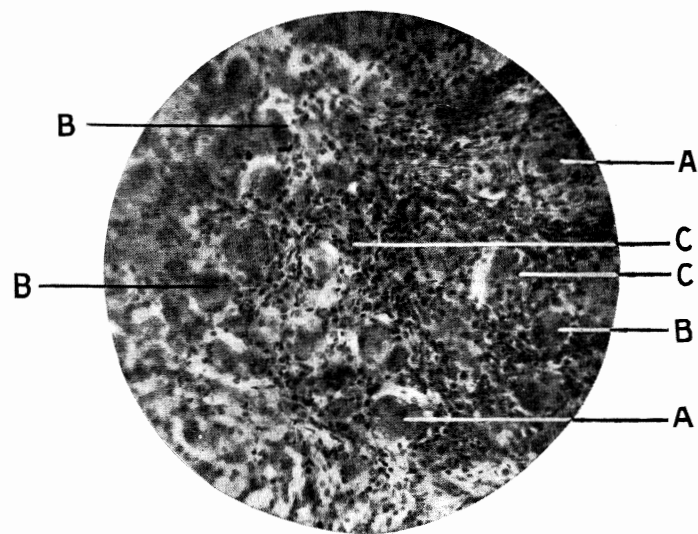


FIG. 5.

Gasserian ganglion. (A) Normal nerve cells. (B) Cells which have undergone pigmentary degeneration. (C) Proliferation of the capsular endothelium.

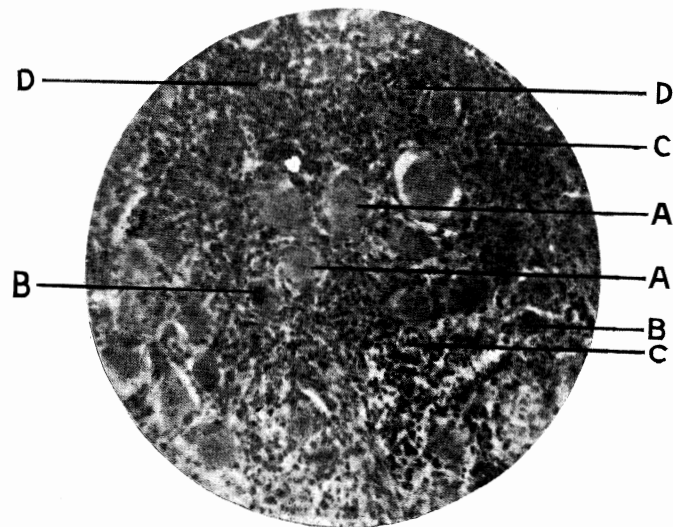


FIG. 6.

A spinal ganglion. (A) Normal nerve cells. (B) Cells which have undergone pigmentary degeneration. (C) Capsular proliferation, (D) Round cell deposit.

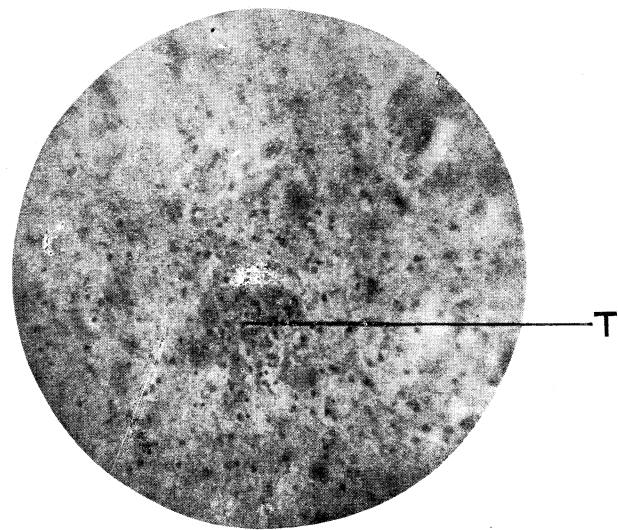


FIG. 3.  
Rabic tubercle from the vagus nucleus (T).

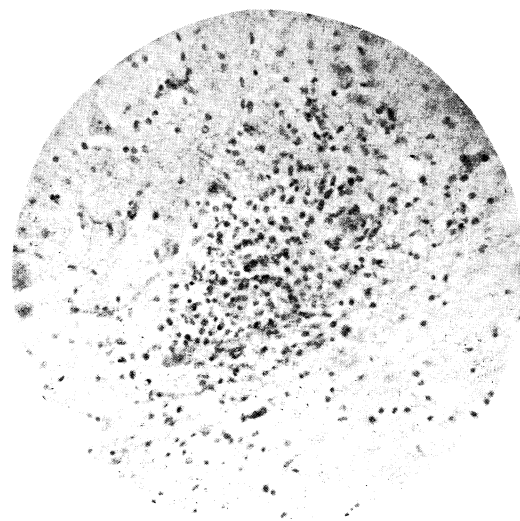


FIG. 4.  
Collection of round cells (rabie tubercle) from the arcuate nucleus.

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BY-LAWS, FORMS, ETC.

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(55)

## EXTRACTS FROM THE BY-LAWS.

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### ADMISSION OF PATIENTS.

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#### ORDER OF WARRANT FILED.

1. Whenever a patient is sent to the Hospital by the order of any court, justice or judge, the order or warrant, or a copy thereof, by which such person is sent, shall be lodged with the Medical Director.

#### CLEANLINESS.

2. Each patient, before admission, shall be made perfectly clean, and be free from vermin or any contagious or infectious disease.

#### CLOTHING FOR MEN.

3. Each male patient shall be provided with at least two shirts, a new and substantial coat, vest and pantaloons, of strong woolen cloth, two pairs of socks, a black cravat, a good hat or cap, and a pair of new shoes or boots, together with a comfortable outside garment.

#### CLOTHING FOR WOMEN.

4. Each female patient, in addition to the same quantity of undergarments, shoes and stockings, shall have a flannel petticoat, two good dresses, also a cloak or other outside garment. In case the patient is so much excited as not to admit of being thus clothed, other clothing that can be kept on, that is comfortable and in sufficient quantity, with a change thereof, may be substituted.

It is very desirable that extra and better apparel should be sent with those accustomed to it, that when they become better, and when they attend religious worship, walk or drive out, their self-respect may be preserved.

In all cases the patient's best clothing should be sent; it will be carefully preserved, and only used when deemed necessary, for the purpose above mentioned.

#### JEWELRY, ETC.

5. Jewelry and all superfluous articles of dress, knives, &c., should be left at home, as they are liable to be lost.

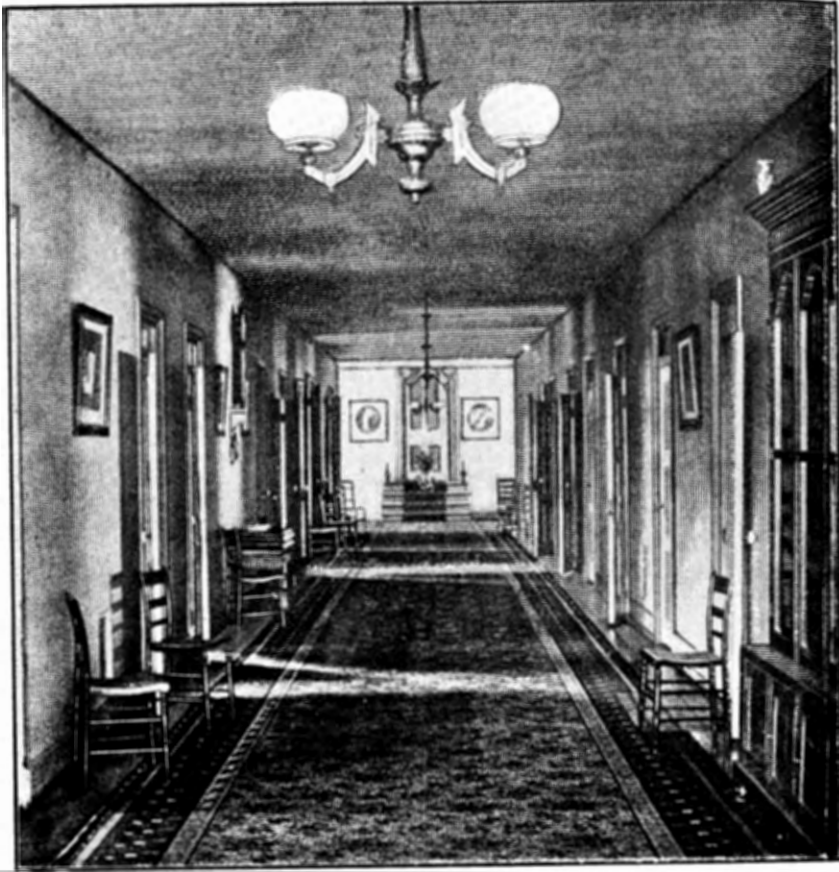
#### HISTORY OF CASE.

6. A written history of the case should be sent with the patient, and, if possible, someone acquainted with him should accompany him to the Hospital, from whom minute, but often essential, particulars may be learned.

#### BOND, ETC.

7. A bond, with satisfactory sureties, will be required for the payment of the board and expenses, and for the removal of the patient when discharged, of all persons, except those sent at the expense of the counties.

Those who bring friends should be prepared to give such bond, and, if strangers, bring evidence of their responsibility.



PATIENT'S CORRIDOR.

## REQUIREMENTS FOR ADMISSION OF PATIENTS.

To the New Jersey State Hospital at Trenton.

*Same Procedure Necessary in Case of Either Private or Indigent Patients, Except that a Bond with Proper Sureties Must Be Executed in Case of Private Patients.*

STATE OF NEW JERSEY.

REQUEST FOR COMMITMENT OF A PATIENT TO STATE HOSPITAL  
FOR THE INSANE.

*To the Medical Director of the New Jersey State Hospital  
of Trenton:*

The undersigned, of....., in the county of..... and  
City or Town.  
State of....., being desirous of having....., an  
Full name of patient.  
insane person of the county of....., and State of....., com-  
mitted to and confined as a patient in the New Jersey State Hos-  
pital at Trenton, hereby requests the admission therein of  
the said....., for the purpose aforesaid. Said  
Full name of patient.

..... was born at....., on....., resides  
Full name of patient. City or Town. Date of birth.

at....., and is a.....  
State patient's residence with particularity. Profession, trade or

..... The undersigned is a.....  
calling of patient. State degree of relation or

..... of the said.....  
other circumstances of connection between patient Full name of patient  
and person making request.

Dated....., 19....

Name of person making request.....

P. O. Address, .....

Street and number, .....

City, .....

County, .....

State, .....

Certificate of Insanity of Patient by Physician Resident of New Jersey.

I, . . . . ., of . . . . ., in the county of . . . . ., and State of New Jersey, do hereby certify that I am a graduate of . . . . . and a permanent resident of the State of New Jersey, and have been in actual practice as a physician for at least five years last past; that I have made a personal examination of . . . . ., alleged to be insane, and whose admission into The New Jersey State Hospital at Trenton has been requested by . . . . . of . . . . . in said State, and I am of the opinion that the said . . . . . is insane, and a proper person to be committed to and confined in said Hospital; that I am not superintendent, proprietor, or an officer, or a regular professional attendant, or financially interested in said Hospital, nor am I a near relative either by blood or marriage, or guardian or trustee of the said . . . . .

The following is a description and identification of, and the facts I have been able to ascertain concerning hereditary taint, previous attack and serious nervous disorder of the said . . . . .

1. Patient resides at . . . . ., county of . . . . .; age, . . . . . years; nativity (if foreign, how long in U. S.) . . . . .; sex, . . . . .; color, . . . . .; occupation, . . . . .; single, married, widowed, divorced. (Strike out words not required.)

2. Birthplace of father, . . . . .; of mother, . . . . .

3. Number of previous attacks, . . . . .; present attack began . . . . ., 19. . . . . (If patient has ever been an inmate of an institution for the insane, state when and where.) . . . . .

4. Was the present attack gradual or rapid in its onset? . . . . .

5. What is the patient's general physical condition? . . . . .

(If afflicted with any infirmity or disease other than insanity, state it.) . . . . .

6. Is the patient cleanly or uncleanly in personal habits? . . . . .

7. Is the patient violent, dangerous, destructive, excited or depressed, homicidal or suicidal? (If either homicide or suicide has been attempted or threatened, it should be so stated.) . . . . .

8. What is the supposed cause of the insanity? (State both predisposing and exciting causes, if known.) . . . . .

9. Has the patient insane relatives? If so, state the degree of consanguinity, and whether paternal or maternal. (State any hereditary taint of insanity that can be ascertained.) . . . . .

10. State the patient's habits as to the use of liquor, tobacco, opium or other drug, and whether excessive or moderate: . . . . .

The following are the facts as to the insanity of the said . . . . . upon which my opinion is founded:

(1) The patient said (state what the patient said, if anything, in the presence of the physician): . . . . .

(2) The patient (state what the patient did, in the presence of the physician, and also describe his or her appearance and manner): . . . . .

(3) Other facts perceived by me indicating insanity: . . . . .

(4) Facts indicating insanity communicated to me by others: (State what, if any, significant change there has been in the patient's disposition, mental condition, business or social habits, or bodily health.) . . . . .

Physician.

AFFIDAVIT.

State of New Jersey, county of . . . . ., ss.—. . . . . being duly sworn, according to law, on his oath says, that he is the physician named in and who made and subscribed the foregoing certificate; that he has read the same and knows the contents thereof, and that the facts, matters and things therein set forth are true, to the best of his knowledge, information and belief.

. . . . . M. D.

Sworn to and subscribed before me this . . . . . day of . . . . . 19. . . . .

Certificate of Insanity of Patient by Physician Resident of New Jersey.

I, . . . . ., of . . . . ., in the county of . . . . ., and State of New Jersey, do hereby certify that I am a graduate of . . . . . and a permanent resident of the State of New Jersey, and have been in actual practice as a physician for at least five years last past; that I have made a personal examination of . . . . ., alleged to be insane, and whose admission into The New Jersey State Hospital at Trenton has been requested by . . . . . of . . . . . in said State, and I am of the opinion that the said . . . . . is insane, and a proper person to be committed to and confined in said Hospital; that I am not superintendent, proprietor, or an officer, or a regular professional attendant, or financially interested in said Hospital, nor am I near relative either by blood or marriage, or guardian or trustee of the said . . . . .

The following is a description and identification of, and the facts I have been able to ascertain concerning hereditary taint, previous attack and serious nervous disorder of the said . . . . .

1. Patient resides at . . . . ., county of . . . . .; age, . . . . . years; nativity (if foreign, how long in U. S.) . . . . .; sex, . . . . .; color, . . . . .; occupation, . . . . .; single, married, widowed, divorced. (Strike out words not required.)

2. Birthplace of father, . . . . .; of mother, . . . . .

3. Number of previous attacks, . . . . .; present attack began . . . . ., 19 . . . . . (If the patient has ever been an inmate of an institution for the insane, state when and where.) . . . . .

4. Was the present attack gradual or rapid in its onset? . . . . .

5. What is the patient's general physical condition? . . . . .

(If afflicted with any infirmity or disease other than insanity state it.) . . . . .

6. Is the patient cleanly or uncleanly in personal habits? . . . . .

7. Is the patient violent, dangerous, destructive, excited or depressed, homicidal or suicidal? (If either homicide or suicide has been attempted or threatened, it should be so stated.) . . . . .

8. What is the supposed cause of the insanity? (State both predisposing and exciting causes, if known.) . . . . .

9. Has the patient insane relatives? If so, state the degree of consanguinity, and whether paternal or maternal. (State any hereditary taint of insanity that can be ascertained.) . . . . .

10. State the patient's habits as to the use of liquor, tobacco, opium or other drug, and whether excessive or moderate: . . . . .

The following are the facts as to the insanity of the said . . . . . upon which my opinion is founded:

(1) The patient said (state what the patient said, if anything, in the presence of the physician): . . . . .

(2) The patient (state what the patient did, in the presence of the physician, and also describe his or her appearance and manner): . . . . .

(3) Other facts perceived by me indicating insanity: . . . . .

(4) Facts indicating insanity communicated to me by others: (State what, if any, significant change there has been in the patient's disposition, mental condition, business or social habits, or bodily health.) . . . . .

Physician.

AFFIDAVIT.

State of New Jersey, county of . . . . ., ss.— . . . . . being duly sworn, according to law, on his oath says, that he is the physician named in and who made and subscribed the foregoing certificate; that he has read the same and knows the contents thereof, and that the facts, matters and things therein set forth are true, to the best of his knowledge, information and belief.

Sworn to and subscribed before me this . . . . . day of . . . . . 19 . . . . .

FORM OF BOND.

Know all men by these presents, that we . . . . ., of the township of . . . . ., in the county of . . . . ., are held and firmly bound unto . . . . ., Treasurer of the New Jersey State Hospital at Trenton, and his successors in office, in the sum of one thousand dollars, for the payment of which we jointly and severally bind ourselves firmly by these presents.

Sealed with our hands, and dated this . . . . .day of . . . . ., 19..

Whereas . . . . ., of the township of . . . . ., in the county of, . . . . ., a lunatic, has been admitted a boarder in the New Jersey State Hospital of Trenton; now, therefore,

The condition of the obligation is, that if the said obligators shall pay to the said Treasurer, or his successors in office, the sum of . . . . .dollars and . . . . .cents per week of the board of said lunatic, so long as . . . . .shall continue a boarder in said Hospital, with such extra charges as may be occasioned by . . . . . requiring more than ordinary care and attention, and shall provide for . . . . .suitable clothing, and pay for all such necessary articles of clothing as shall be procured for . . . . .by the Warden of the Hospital, and shall remove . . . . .from the Hospital whenever the room occupied by . . . . .shall be required for a class of patients having preference by law, or in the opinion of the Medical Director, to be received into said Hospital; and if . . . . .should be removed at the request of relatives or anyone authorized to make such removal, before the expiration of six calendar months after reception, then if such obligators shall pay board for twenty-six weeks, unless . . . . . should sooner be cured, and if they shall also pay not exceeding fifty dollars for all damages . . . . .may do to the furniture or other property of the Hospital, and for reasonable charges in case of death, such payment for board and clothing to be made quarterly, in advance, from date of admission, and at the time of removal, with interest on each bill from and after the time it becomes due, then this obligation to be void, otherwise to remain in force.

Signed and sealed in the presence of

. . . . . [L. s.]  
. . . . . [L. s.]

FORMS AND DIRECTIONS.

JUDGE'S ORDER APPROVING CERTIFICATES OF INSANITY, AND FINDING OF INDIGENCE AND LEGAL SETTLEMENT, AFTER INQUIRY.

STATE OF NEW JERSEY,  
County of . . . . .

I, . . . . ., Judge of the Court of Common Pleas of the county of . . . . ., to whom have been presented copies of the request in writing for the admission to, and confinement as an indigent patient in, the New Jersey State Hospital at Trenton, of . . . . ., and of the certificates of . . . . .and . . . . ., physicians, who certify to the insanity of the said . . . . ., which copies are certified by the Medical Director of said Hospital, under the seal thereof; and having examined said request and certificates, and duly considered the same, and being satisfied with the form and sufficiency of said request and certificates, and having, pursuant to the statute, instituted inquiry and taken proofs as to the indigence and legal settlement of the said . . . . ., but not having deemed it necessary to call a jury, did call before me, . . . . ., credible witnesses, and examined them and each of them, upon their several corporal oaths touching the indigence and legal settlement of the said . . . . .and it appearing satisfactorily to me from the certificates aforesaid, and the testimony of the witness aforesaid, that the said . . . . .is insane and an indigent, and has not sufficient estate to support himself (and his family) under such visitation of insanity, and that he has a legal settlement in the county of . . . . ., from whence his admission to said Hospital is requested, all of which I do hereby certify; and I do hereby order that the said certificates be and are hereby approved, to the end that the said . . . . .shall be confined in the said Hospital at the expense of said county, pursuant to the statute in such case made and provided, until he shall be restored to reason, or removed or discharged according to law; and this shall be a sufficient warrant and authority for such confinement and detention.

Witness my hand and seal, at . . . . ., this . . . . .day of . . . . ., nineteen hundred and . . . . .

. . . . ., J. [L. s.]

JUDGE'S ORDER APPROVING CERTIFICATES OF INSANITY.

STATE OF NEW JERSEY.

I, . . . . ., Judge of the Court of Common Pleas of the county of . . . . ., to whom have been presented copies of the request in writing for the admission to, and confinement as a patient in, the New Jersey State Hospital for the insane at Trenton of . . . . ., in the county of . . . . ., and of the certificates of . . . . . and . . . . . physicians who certify to the insanity of the said . . . . ., which copies are certified by the Medical Director of said Hospital, under the seal thereof; and having examined the said request and certificates, and duly considered the same, being satisfied with the form and sufficiency of said request and certificates, do hereby order that the same be and are hereby approved, all of which I do hereby certify, to the end that the said . . . . . shall be confined in said Hospital, pursuant to the statute in such case made and provided, until he be restored to reason, or removed or discharged according to law; and this shall be a sufficient warrant and authority for such confinement and detention.

Witness my hand and seal, at . . . . ., this . . . . . day of . . . . ., nineteen hundred and . . . . .

. . . . ., J. [L. s.]