

ANNUAL REPORTS

OF THE

OFFICERS AND MANAGERS

OF THE

New Jersey State Lunatic Asylum,

AT TRENTON,

For the Year ending October 31st,

1885.

New Jersey State Library

TRENTON, N. J.:

JOHN L. MURPHY, STATE PRINTER.

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OFFICERS.

MANAGERS.

Rev. S. M. HAMILL, D.D., Lawrenceville, *President*.

Hon. CALEB S. GREEN, Trenton, *Secretary*.

WILLIAM ELMER, M.D., Bridgeton.

GARRIT S. CANNON, Esq., Bordentown.

JOSEPH H. BRUERE, Esq., Princeton.

Hon. JAMES BISHOP, New Brunswick.

Hon. BENJAMIN F. CARTER, Woodbury.

Hon. WILLIAM L. DAYTON, Trenton.

D. McLEAN FORMAN, M.D., Freehold.

C. VAN SYCKEL, Esq., Flemington.

RESIDENT OFFICERS.

SUPERINTENDENT AND PHYSICIAN.

JOHN W. WARD, M.D.

ASSISTANT PHYSICIAN.

JOHN KIRBY, M.D.

SECOND ASSISTANT PHYSICIAN.

STEWARD.

EDMUND WHITE.

MATRON.

MRS. S. J. CLARK.

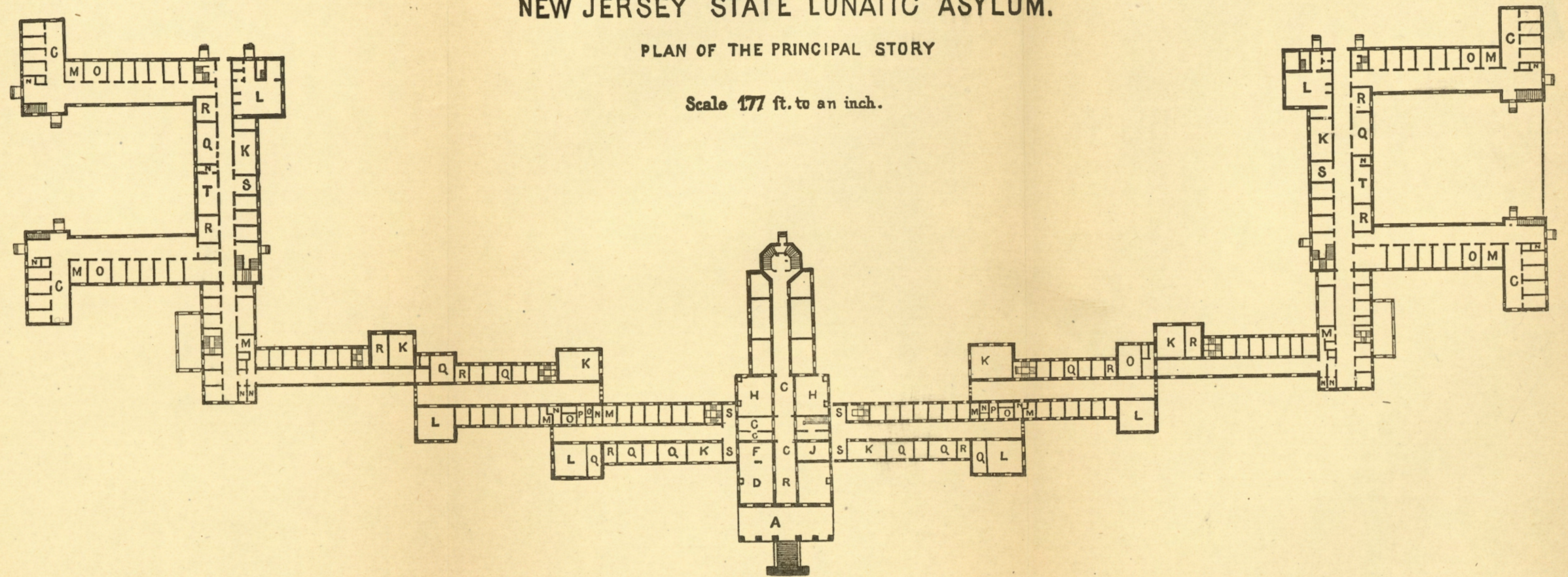
TREASURER.

AUSTIN SNIDER, Trenton.

NEW JERSEY STATE LUNATIC ASYLUM.

PLAN OF THE PRINCIPAL STORY

Scale 177 ft. to an inch.



REFERENCES TO PLAN.

A, Portico. B, Entrance Hall. C, Halls of Center and Wards. D, Superintendent's Office. E, Manager's Room and Public Parlor. F, Apothecary's Room and Steward's Office. G, Medical Stores. H, Reception Parlors for Patients. I, Stairs. J, Assistant Physicians' Rooms. K, Dining-Rooms. L, Parlors of Wards. M, Bath-Rooms. N, Water-Closets. O, Clothes-Room. P, Passage between 1st and 2d Wards. Q, Associated Dormitories. R, Attendants' Rooms. S, Spaces for Light and Air. Blank, Rooms (Single Bed-Rooms for Patients.) O. V., Open Veranda for Exercise.



Foul Air Shafts.



Dumb Waiters.



Chimneys.

The CENTER BUILDING is four stories high, the first being the Steward's Apartments, Kitchen and Store-Rooms. The second, the Public Offices, Parlors, &c. The third, the Superintendent's Private Rooms and the Chapel. The fourth, Bed-Rooms. The Tanks for supplying water occupy the Dome.

The WINGS are three stories high, and are similarly arranged, except the first story of those adjoining the Center, which are arranged for various domestic offices and bed-rooms.

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New Jersey State Library

MANAGERS' REPORT.

To His Excellency Leon Abbett, Governor of New Jersey :

The Managers of the New Jersey State Lunatic Asylum beg leave to present this their thirty-eighth annual report, and with it the itemized statements of the Superintendent, Treasurer and Steward. There is nothing calling for special notice in reference to the operations of the Asylum, which have been conducted during the year with their accustomed regularity, save the very important matter of providing additional accommodation for the large and constantly increasing number of patients, one hundred and forty-six more than the buildings were designed to accommodate, and as a consequence preventing the proper classification of the patients, so desirable for their proper and successful treatment. That the partially insane should have to be constantly surrounded by confirmed cases of insanity, breathe the same atmosphere and have the same associations, is a wrong that cannot be too speedily corrected by the State. More hospital accommodation is a great necessity, and it is an unwise economy that would withhold it. We most respectfully submit to those whose province it is to consider and decide this important question, Whether the Asylum should not be sufficiently enlarged immediately, to meet the demands upon it by this class of our most unfortunate citizens? Most nobly, in the past, has New Jersey done her duty in affording relief and care to the insane, as, we doubt not, she will in the future. The general health of the patients is and has been during the year remarkably well preserved, owing, doubtless, to the cleanliness of the rooms, of the persons and dress of the patients, of the wholesome food and careful ventilation of the entire buildings. In all these respects the ability, the experience, the skill of our Superintendent have been, as heretofore, exhibited in an eminent degree. Not only the duties of the Superintendent, but of the Assistant Physicians, and all the other officers of the institution have been, we have reason to believe, faithfully performed.

The appraisement, as required by law, has been made by the Steward, assisted by the Hon. William S. Yard and Mr. Jacob Hendrickson, and amounted to \$118,371.92, not so large as in our last report because the winter's coal was not all in, and the principal crops of the farm were not much more than one-half as compared

with the last year's. During the year two neat, substantial dwellings have been erected on the grounds, near to the Asylum, which were needed for workmen in the employ of the institution.

An additional court-yard has also been prepared and opened for the patients to exercise in.*

It was with much regret the Board of Managers learned of the resignation of Mr. Isaac Stephens as one of its members; his earnest interest in the success of the Asylum, his genial, cordial manner won our highest esteem. We also regret very much the resignation of the Second Assistant Physician, Richard R. Rogers, Jr., M.D., who, during the time he was with us, proved himself faithful and efficient in the discharge of his duties.

S. M. HAMILL,
CALEB S. GREEN,
WILLIAM ELMER,
GARRIT S. CANNON,
JOSEPH H. BRUERE,
JAMES BISHOP,
D. McLEAN FORMAN,
BENJAMIN F. CARTER,
CHESTER VAN SYCKEL,
WILLIAM L. DAYTON,

November 11th, 1885.

Managers.

*The number of patients admitted during the year was one hundred and eighty-three. Total under treatment during the year was eight hundred and forty-six. We closed the year with six hundred and forty-six.

STEWARD'S REPORT.

*The New Jersey State Lunatic Asylum in Account with Austin Snider, Treasurer, from
October 31st, 1884, to October 31st, 1885.*

DR.		CR.	
AMOUNTS PAID FOR SUNDRY ACCOUNTS.		Balance from last year.....	\$23,181 92
Amusements.....	\$102 92	Received since for board and clothing of private pa- tients	27,476 51
Books and stationery.....	181 77	Received since for board and clothing of county pa- tients	18,064 53
Building	9,842 45	Received since for board and clothing of insane convicts,	3,313 95
Clothing	5,437 25	Received since for calves.....	52 50
Farm and garden.....	2,306 18	Received since for hides and tallow	4,403 03
Freight.....	369 86	Received since for hogs.....	2,697 39
Feed	2,903 73	Received since for paper, rags, tea-lead, &c.....	796 95
Fixtures.....	3,261 66	Received since for rents.....	265 00
Fuel.....	10,921 09		
Furniture	3,687 91		
Funeral expenses.....	292 50		
Fruit	2,767 93		
Groceries and provisions.....	53,455 10		
Harness	263 00		
Household stores.....	1,628 85		
Incidentals	2,042 56		
Insurance	120 00		
Laundry.....	716 32		
Light	2,248 95		
Lumber	502 87		
Medical.....	1,763 58		
Newspaper	254 59		
Petty current expenses.....	442 24		
Postage	197 06		
Repairs and improvements...	8,734 78		
Refunding.....	777 25		
Straw	189 18		
Smith and wheelwright.	1,457 08		
Stock	1,590 50		
Wages	33,577 72		
Wheat.....	3,570 97		
	<u>\$155,607 85</u>		<u>\$180,256 80</u>
Balance.....	24,648 95	Oct. 31, 1885. Balance.....	24,648 95
	<u>\$180,256 80</u>		
OUT.			
Order in favor of Thos. Gill,	\$130 00		
Order in favor of Griffen & Son	37 00		
Order in favor of A. L. El- more	50 50		
	<u>\$217 50</u>		

Respectfully submitted to the Board of Managers,

EDMUND WHITE,
Steward.
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TREASURER'S REPORT.

To the Managers of the New Jersey State Lunatic Asylum :

GENTLEMEN—The following abstract of receipts and disbursements for the fiscal year ending October 31st, 1885, is respectfully submitted :

RECEIPTS.

Balance on hand November 1st, 1884.....		\$23,246 07
From the State Treasurer, as follows :		
For maintenance of county patients.....	\$28,339 00	
For maintenance of insane convicts.....	3,313 95	
		<u>31,652 95</u>
From the following named counties :		
Atlantic	\$3,195 68	
Burlington	5,326 08	
Cape May.....	973 54	
Cumberland.....	8,391 72	
Gloucester.....	5,848 60	
Hunterdon.....	4,360 76	
Mercer.....	20,319 79	
Middlesex	14,701 61	
Monmouth.....	12,778 12	
Ocean.....	2,690 58	
Salem.....	2,938 51	
Somerset	8,200 56	
		<u>89,725 55</u>
From private patients.....		27,476 51
incidentals.....		796 95
sale of calves.....		52 50
sale of hides and tallow.....		4,408 03
sale of hogs.....		2,697 39
Rents		285 00
		<u>\$180,320 95.</u>

DISBURSEMENTS.

For the Steward's orders.....	\$155,454 50
Balance to the new account, November 1st, 1885.....	24,866 45
	<u>\$180,320 95</u>

I have the honor to be your obedient servant,

AUSTIN SNIDER,

TRENTON, November 2d, 1885.

Treasurer.

We hereby certify that we have examined the Treasurer's accounts, and find them correctly stated and balanced, according to the foregoing statement.

CALEB S. GREEN,
JOS. H. BRUERE,
Auditing Committee.

SUPERINTENDENT'S REPORT.

To the Managers of the New Jersey State Lunatic Asylum :

GENTLEMEN—In compliance with a requirement of the act under which the Asylum is organized, the following report of its operations for the year ending October 31st, 1885, is respectfully submitted :

	Men.	Women.	Total.
Patients in the Asylum October 31st, 1884.....	333	330	663
Received since, to November 1st, 1885.....	84	99	183
Under treatment during the year.....	417	429	846
Discharged recovered during the year.....	27	35	62
Discharged improved during the year	8	8	16
Discharged unimproved during the year.....	3	4	7
Escaped		1	1
Not insane.....		1	1
Died	29	22	51
Removed to other institutions.....	35	27	62
Total discharged, died, &c., during the year.....	102	98	200
Remaining October 31st, 1885.....	315	331	646
Whole number of cases received and treated from the opening of the Asylum, May 15th, 1848, to November 1st, 1885.....	3,199	3,340	6,539
Discharged recovered.....	1,091	1,202	2,293
Discharged improved.....	710	866	1,576
Discharged unimproved	118	130	248
Escaped.....	16	5	21
Not insane.....	8	8	16
Died.....	723	591	1,314
Removed to other institutions.....	218	207	425
Total discharged, died, &c.....	2,884	3,009	5,893
Remaining October 31st, 1885.....	315	331	646

Statement Showing the Number of Patients in the Asylum from each County in the State, October 31st, 1885, and the Quota to which each County in the District Set Apart for this Institution is entitled. The Quotas are Calculated upon the Basis of the Census of 1880, and the Capacity of the Asylum Estimated at Five Hundred. Under this Estimate, each County is Entitled to One Patient for about every Eight Hundred and Eighty-four of the Population.

	NUMBER IN THE ASYLUM.			Quotas.
	Men.	Women.	Total.	
Atlantic	9	12	21	21
Bergen		2	2	
Burlington	25	28	53	63
Camden	9	5	14	71
Cape May	5	2	7	11
Cumberland	26	27	53	42
Essex	2	4	6	
Gloucester	22	18	40	29
Hudson	4	5	9	
Hunterdon	1	2	3	
Mercer	72	72	144	66
Middlesex	47	48	95	59
Monmouth	42	47	89	63
Morris	1		1	
Ocean	8	13	21	16
Salem	15	12	27	28
Somerset	26	30	56	31
Union	1		1	
From other States		4	4	
Total in the Asylum	315	331	646	500

GENERAL RESULTS, ETC.

The number of patients at the close of last year was six hundred and sixty-three—three hundred and thirty-three men and three hundred and thirty women.

The number received since, viz.: From November 1st, 1884, to October 31st, 1885, inclusive, was one hundred and eighty-three—eighty-four men and ninety-nine women. The whole number of cases under treatment during the year was eight hundred and forty-six—four hundred and seventeen men and four hundred and twenty-nine women; of this number two hundred have been discharged, as follows: Considered as recovered, sixty-two; as improved, sixteen; as unimproved or stationary, seven; one escaped; one not insane; sixty-two have been removed to other institutions, and fifty-one have died. At the close of the year there remained under treatment six

hundred and forty-six—three hundred and fifteen men and three hundred and thirty-one women.

This statement shows a decrease of seventeen in the number under care at the close of the last fiscal year, and an increase of one hundred and ninety-three over the number in the Asylum, immediately following the districting of the State.

Of the whole number at present under care, five hundred and forty-two are classed as indigent, and are supported by the counties from whence sent; ninety-six are private, supported by their friends, and eight are supported by the State, and are placed in the institution by an act of the Legislature, approved March 12th, 1869. Of this latter class there are from the county of Burlington, three; Middlesex, two, and one each from Mercer, Gloucester and Monmouth.

The largest number under care at any one time during the year was six hundred and seventy-nine, and the smallest number six hundred and fourteen. The daily average was six hundred and fifty-eight.

During the year death resulted in fifty-one cases—twenty-nine men and twenty-two women—and from the following causes, viz.: From pulmonary consumption, twelve; general paralysis, ten; apoplexy, six; epilepsy, seven; valvular disease of the heart, three; general (chronic) exhaustion, three; exhaustion of acute mania, three; chronic diarrhoea, two; dysentery, two; gastritis, one; intussusception of the bowels, one, and from old age, one. Ten died during the first quarter of the year; fourteen during the second quarter; fifteen during the third quarter and twelve during the last quarter. A very large proportion of the deaths occurred in persons who had passed the meridian of life. Ten were between thirty and forty years of age; nine between forty and fifty; ten between fifty and sixty; eleven between sixty and seventy; eight between seventy and eighty, and three were more than eighty years of age. Seven were under care in the institution less than one month; three less than two months; three less than three months; one less than six months; six for one year; nineteen from one to five years; six from ten to fifteen years; two from fifteen to twenty years, and four over twenty years.

Those referred to as removed to other institutions (sixty-two in number) were transferred to the Asylum at Morris Plains on the 28th day of March last, in accordance with an order for redistricting the State, approved by the Governor in February immediately preceding. The order sets off the county of Hunterdon from this Asylum district, and places it with that of the institution at Morris Plains. Notwithstanding the removal of this comparatively large number of our patients but little positive relief has been secured to our overcrowded house. Since the transfer was made we have had one hundred and nineteen admissions, or a monthly average of seventeen. By reason of this we have under care at the close of the year within thirty of the whole number of patients resident in the institution in March last, at the time that the removal was made. As is seen, the number

of admissions is steadily increasing, and a large proportion of those admitted being chronic and incurable cases, of necessity makes a permanent increase in the number under care in the institution.

In view of this crowded state, and with our present limited accommodations, the problem of how properly to dispose of those applying for admission has again become a very troublesome question.

The Northern Asylum, on the first day of October last, had eight hundred and twenty-eight under care, being an excess of twenty-eight over the estimated and proper capacity of that institution, and hence we cannot look longer in that direction for any relief. From the most reliable statistics obtainable, we find that there are in our State, at the present time, about twenty-six hundred insane. Of this number, the State, in the two large institutions at Trenton and Morris Plains, makes provision for the maintenance and care of thirteen hundred, and the counties of Burlington, Camden, Essex and Hudson have under care in their county institutions seven hundred and sixty-eight—three hundred and twelve men and four hundred and fifty-six women.

This would show that we have at this date nearly four hundred insane who are unprovided for, except by such provision as is made for their care in the several almshouses of the State.

As was suggested in the last annual report to your Board, one method of obtaining relief is to erect small buildings or lodges on the grounds of the Asylum, in the immediate vicinity of the main building. These structures should be built to accommodate from twenty-five to fifty patients each. As was also stated, this plan has been adopted by several of the States and found to work more or less satisfactorily. The chief objections made to this arrangement are that it is not nearly so convenient for general supervision and administration as when all are provided for under one roof; that it is much more difficult to supply food, &c.,—except a kitchen is attached to each building (which certainly is not a desirable feature)—and that it would be much more difficult to make the changes at times necessary in the classification of patients.

Another arrangement is to add an extension to the main building, such as was proposed in the report for the year 1871, and for which plans were secured and published with that report.

This has the objection, however, that it would be attended with a much larger outlay than is at present warranted by the number likely to ask admission from our present Asylum district; and also the equally positive objection to adding anything more to the present large structure.

On the ground of economy to the State, considering the numbers for whom additional provision is asked, the plan for erecting small buildings, as at first suggested, with all the inconveniences considered, is greatly preferable to the last arrangement. The very best arrangement, doubtless, considering the necessity that will certainly arise, for

future provision would be to erect a building upon the same general plan as the present Asylum. This could be done in sections, as the necessity arose from time to time for additional accommodations.

The expenditure need not of necessity be large at first; and future accommodations could be provided with more economy to the State than by any other plan.

The death-rate, in proportion to the whole number under treatment during the year, has been about six per centum. This is a somewhat lower rate than has occurred during the past few years, but is still comparatively large, and must continue to remain so on account of the large number placed under our care, who, at the time of admission, are suffering from chronic and incurable diseases.

We are gratified to state that we have passed another year without any accident of a serious nature occurring. We have had very little acute sickness of any kind, and nothing whatever of an epidemic character. The general health of the household at this date is very good.

The ratio of recoveries, in proportion to the whole number admitted during the year, has been about thirty-four per centum; of the whole number (sixty-two) discharged as recovered, ten have been under care heretofore in this institution, and three of these only at a period within the two years immediately preceding their last discharge.

The following tables have been carefully compiled from the records and will explain themselves:

Duration of Insanity Prior to Admission, in those who were Placed Under our Care during the past Fiscal Year.

	Men.	Women.	Total.
Deranged less than one month.....	12	10	22
one to three months.....	8	14	22
three to six months.....	4	17	21
six to nine months.....	9	9	18
nine months to one year.....	6	6	12
one to two years.....	10	10	20
two to three years.....	8	8	16
three to four years.....	6	5	11
four to five years.....		2	2
five to ten years.....	7	4	11
ten to fifteen years.....	3	1	4
fifteen to twenty years.....		2	2
twenty to twenty five years.....	3	1	4
twenty-five to thirty years.....	1	1	2
over thirty years.....	1	3	4
unknown.....	6	5	11
Not insane.....		1	1
Total.....	84	99	183

Form of Derangement in those Admitted.

	Men.	Women.	Total.
Mania, acute.....	15	22	37
Mania, chronic.....	19	14	33
Mania, recurrent.....	3	2	5
Mania, puerperal.....		7	7
Dementia, acute.....	6	4	10
Dementia, chronic.....	14	19	33
Dementia, senile.....	5	2	7
Melancholia, acute.....	7	14	21
Melancholia, chronic.....	2	9	11
General paralysis.....	6		6
Epilepsy.....	5	1	6
Imbecility.....		2	2
Opium habit.....	2	2	4
Not insane.....		1	1
Total.....	84	99	183

Ages of those who were Admitted and of those who were Discharged as Recovered.

	ADMITTED.			DISCHARGED RECOVERED.		
	Men.	Women.	Total.	Men.	Women.	Total.
From 10 to 20.....	6	2	8		2	2
20 to 30.....	15	18	33	6	6	12
30 to 40.....	12	24	36	7	10	17
40 to 50.....	22	20	42	3	5	8
50 to 60.....	7	15	22	8	7	15
60 to 70.....	14	7	21	3	2	5
70 to 80.....	2	5	7		1	1
Over 80.....	2	2	4			
Unknown.....	4	6	10		2	2
Total.....	84	99	183	27	35	62

Of the number who were discharged as recovered, four were under care in the institution less than two months; five, from two to three months; twelve, from three to four months; ten, from four to five months; seven, from five to six months; twelve, from six months to one year; and twelve, over one year.

The Alleged Exciting Causes of Insanity, in those Admitted, were as follows:

	Men.	Women.	Total.
Ill health.....	14	19	33
Vicious habits and indulgences.....	6	.....	6
Alcoholism.....	13	2	15
Sunstroke, or prostration by heat.....	3	1	4
Epilepsy.....	5	1	6
Domestic afflictions.....	3	5	8
Domestic troubles.....	1	6	7
Injury to head.....	7	2	9
Old age.....	5	2	7
Congenital.....	.....	2	2
Loss of property.....	2	.....	2
Opium habit.....	2	3	5
Over study.....	1	.....	1
Exposure, privation, &c.....	2	2	4
Puerperal state.....	.....	8	8
Change of life.....	.....	2	2
Excessive use of snuff.....	.....	1	1
Fright.....	.....	3	3
Prolonged lactation.....	.....	3	3
Overwork.....	3	4	7
Struck by lightning.....	.....	1	1
Spiritualism.....	.....	1	1
Insomnia.....	2	2	4
Not insane.....	.....	1	1
Unknown.....	15	28	43
Total.....	84	99	183

Of those admitted—fifteen (five men and ten women) were suicidal, and in fifteen cases (four men and eleven women) suicide was threatened; seven (three men and four women) were decidedly homicidal, and in twelve cases (eight men and four women) homicide was threatened; in thirty-nine cases (twenty-one men and eighteen women) there was acknowledged decided—and in nineteen (eight men and eleven women) slight hereditary predisposition; in twenty cases (eleven men and nine women) the father was intemperate in the use of alcohol; in two cases the mother was intemperate, and in two cases both father and mother; ninety-three (forty-two men and fifty-one women) were married; seventy (thirty-six men and thirty-four women) were single; four were widowers; twelve were widows, and in four the social condition was unknown.

Nativity of those Admitted.

	Men.	Women.	Total.
New Jersey.....	59	57	116
Germany.....	5	4	9
Ireland.....	6	14	20
England.....	3	4	7
Denmark.....	1		1
Poland.....	3		3
West Indies.....		2	2
Pennsylvania.....	2	8	10
New York.....	3	4	7
Maine.....	2		2
Connecticut.....		2	2
Ohio.....		1	1
Delaware.....		1	1
Hungary.....		1	1
Scotland.....		1	1
Total.....	84	99	183

FARM, GARDEN AND DAIRY.

The farm, garden and dairy have been very successfully conducted, and yielded satisfactory results the past year. For the detailed statistics in regard to their products, and the number and kind of articles manufactured by the patients in the sewing-rooms of the institution under direction of the Matron, attention is directed to the Appendix to this report. These tables show an actual profit to the institution from the farm and garden of seventeen hundred and forty-nine dollars and eighty-two cents (\$1,749.82), and from the dairy of ten hundred and sixty-seven dollars and seventy-five cents (\$1,067.75).

NEW REMEDIES, ETC.

During the year we have given extended trial to several new remedies, particularly to those belonging to that class which are exhibited for securing sleep—hypnotics. Of this class more especial attention has been directed to the hydrobromate of hyosine and paraldehyde. The former, from which we had expected so much, has not proven a hypnotic in the sense that we regard chloral hydrate, the opiates, &c., as belonging to that class of drugs. Its administration does not apparently secure sleep, except it may be in a few cases by causing a certain degree of prostration and muscular relaxation; in large doses it not infrequently produces a decided stupor, but does not induce natural or refreshing sleep; notwithstanding the tendency to produce weariness and relaxation of the muscles, in every case where given to

allay high maniacal excitement, it proved to be an entire failure. In one case—that of a patient who had been suffering for several months from a somewhat violent and almost constant convulsive movement, simulating chorea—it apparently, for a short period, controlled the movements and gave great relief to the individual. It was at first given in doses of one one-hundredth of a grain three times daily, but soon a toleration of the drug seemed to be established, and it was gradually increased to one-fiftieth of a grain. In the course of a very few weeks it apparently lost all of its effect in any dose that it was considered safe to exhibit.

Patients who have taken it even for a short time complain of a dryness of the fauces, dizziness, and in a few cases nausea was produced. We gave it trial in cases of melancholia, but without any beneficial results whatever following. It was not tried in general paralysis, but from our experience of its action in those cases in which it was administered we should not expect to derive any essential advantage in the treatment of this peculiar malady.

From the employment of paraldehyde we have had more satisfactory results. In doses of from thirty to sixty minims it produces sleep—a quiet, refreshing sleep, in most cases lasting from three to seven hours, the patient awakening without any unpleasant symptoms. Indigestion, loss of appetite, constipation, &c., does not follow its use as does result when opiates in large doses are given. We found no tendency to the establishment of a toleration of the drug, even when given continuously for a considerable period of time; from our experience in its use for several months past we are led to regard it as a most valuable addition to our list of hypnotics. It also has the great advantage, that it can be given in lieu of chloral hydrate, where, by reason of cardiac complications, or some idiosyncrasy in the individual, this drug is contraindicated.

Paraldehyde is not to be classed with the anodynes, and when given to a patient suffering pain it will not give relief or induce sleep. In no case, even when given in doses of seventy or eighty minims, has it been followed by nausea, disturbance of the digestion, or any other unpleasant symptoms.

We still continue to employ chloral hydrate (when not contraindicated) as our principal hypnotic, and, after using it for several years in the institution, we see no reason for discontinuing it; it is more prompt and certain in its action than most other hypnotics, and in not a single case have we ever known of any untoward result following its proper administration. The drug should always be kept free from exposure to light and air, and always given freshly dissolved.

That it does undergo change when these precautions are not taken, and not answer the indications for which given, we have had abundant proof. In this state it becomes an irritant and is frequently followed by vertigo, nausea and other unpleasant symptoms. It has been our custom to give it in fifteen or twenty-grain doses, dissolved

simply in one or two ounces of spring water, and administered at bedtime, and it seldom fails to secure to the sufferer refreshing sleep.

In some of the journals on psychological medicine attention has been directed to the use of ergotin in the treatment of general paralysis. High authority claims that great benefit has followed, and in a few cases recoveries from this most terrible malady have resulted from its use. With the hope that we also might have a similar experience it was tried upon twelve well-marked cases, and although its use was continued for a period of about three months no appreciable benefit followed its administration in a single case.

By reference to the Steward's statement of accounts it will be found that there remained at the close of the year a balance in favor of the Treasurer of the institution of twenty-four thousand six hundred and forty-eight dollars and ninety-five cents (\$24,648.95).

It should be stated in reference to this balance, that on the first day of November, the day following the close of the fiscal year, there falls due the employes a little over three thousand dollars; this amount, with other outstanding bills that had not been presented in time to go into the Treasurer's accounts, makes the actual balance standing to the credit of the institution about twenty thousand dollars.

ACKNOWLEDGMENTS, ETC.

On the first day of July last, Dr. Richard R. Rogers, Jr., who occupied the position of Second Assistant Physician, tendered his resignation, to take effect on the thirty-first day of October—the close of the fiscal year. Dr. Rogers resigns to again engage in private practice in the city of Trenton; his successor has not yet been appointed.

Dr. Kirby still continues the Assistant Physician, and it gives me pleasure to have this opportunity of expressing to him, and to the other resident officers, my personal obligations to them for the faithful and cordial support given me by each one in the administration of the affairs of the institution.

To the many attendants and employes who have been faithful in the performance of duties assigned them I would also express my obligations.

Few things are more cordially welcomed by the members of the household than the home newspaper, and our thanks are therefore especially due to the editors and proprietors of the following dailies and weeklies for gratuitous copies sent regularly to the institution throughout the year:

Daily State Gazette, Trenton.
Daily True American, Trenton.
Daily Emporium (two copies), Trenton.
Trenton Herald, Trenton.

New Jersey Staats Journal (German), Trenton.
Newark Daily Journal, Newark.
Salem Sunbeam, Salem.
National Standard, Salem.
New Jersey Mirror, Mount Holly.
Mount Holly Herald, Mount Holly.
Pennsgrove Record, Pennsgrove.
Semi-Weekly News, Mount Holly.
Bridgeton Chronicle, Bridgeton.
West Jersey Patriot, Bridgeton.
Dollar Weekly News, Bridgeton.
Bound Brook Chronicle, Bound Brook.
Monmouth Weekly Democrat, Freehold.
Burlington Gazette, Burlington.
New Jersey Enterprise, Burlington.
Hunterdon County Democrat, Flemington.
Rahway Advocate, Rahway.
The Constitution, Woodbury.
The Fredonian, New Brunswick.
The Times, New Brunswick.
Unionist-Gazette, Somerville.
Beverly Banner, Beverly.
Swedesboro Times, Swedesboro.
Ocean County Democrat, Toms River.
Hudson County Journal (German), Hoboken.
Hunterdon Independent, Frenchtown.
Asbury Park Journal, Asbury Park.
Temperance Gazette, Camden.
Weekly Item, Newfield.
Missionary Review, Princeton.
South Jersey Times, Vineland.
Keyport Enterprise, Keyport.
Dover Index, Dover.
Weekly Tribune, Gloucester City.
Atlantic Journal, Mays Landing.
Milford Leader, Milford.
Freie Presse (German), Elizabeth.
Hopewell Herald, Hopewell.
Metuchen Inquirer, Metuchen.
Beobachter (German), Egg Harbor.
Mercer County News, Chambersburg.
Plainfield News, Plainfield.
Washington Review, Washington.
Monitor, Woodstown.
Ocean Sentinel, Ocean City.
Therapeutic Gazette (two copies), Detroit, Michigan.
Philadelphia Times, Philadelphia.
The Educator, Trenton.

We are also indebted to Miss L. L. Baily, Trenton, New Jersey, for a collection of handsome cards and Christmas letters for the holidays.

To M. M. Berge, Esq., New York City, for a very handsome collection of artificial flowers.

To John M. Maisch, Esq., of Philadelphia, for copies of the proceedings of the American Pharmaceutical Association.

To George Abbott, Salem, for nine bound volumes of the "Friends' Review" for the Ward Library.

To the Hon. William J. Sewell, United States Senator, for several volumes of the United States Census of 1880, and other public documents; and to the Rice and Mackay Ideal Comedy Company for an entertainment in our amusement room.

In closing this review of the operations of the Asylum for the fiscal year just closed, I take this opportunity to renew the expression of my obligations to the members of your Board for the cordial and uniform support given me in my efforts to discharge the duties of my office.

Respectfully submitted,

JOHN W. WARD.

New Jersey State Lunatic Asylum,
Trenton, November 1st, 1885.

APPENDIX TO SUPERINTENDENT'S REPORT.

FARM.

RECEIPTS

75 tons of hay.....	@	\$20 00	\$1,500 00
537 bushels of wheat.....		1 00	537 00
2,200 bushels of corn.....		50	1,100 00
720 bushels of oats.....		32	230 40
900 bushels of potatoes.....		50	450 00
300 bushels of turnips.....		25	75 00
50 bushels of apples.....		50	25 00
450 chickens.....		50	225 00
8,400 eggs.....		01½	126 00
1 acre of green corn.....			40 00
6,600 bundles of corn-stalks.....		02	132 00
24 weeks' pasture for 44 cows.....		50	528 00
Rents.....			240 00
			<hr/>
			\$5,208 40

GARDEN.

15 bushels of asparagus.....	@	\$1 50	\$22 50
36½ bushels of beans (dwarf).....		1 00	36 50
25 bushels of beans (lima).....		2 50	62 50
231 bushels of beets.....		60	138 60
150 bushels of carrots.....		75	112 50
47 bushels of cucumbers.....		50	23 50
20 bushels of currants (red).....		2 00	40 00
3 bushels of currants (black).....		2 50	7 50
6,704 heads of cabbage.....		04	268 16
137 heads of cauliflower.....		10	13 40
9,000 heads of celery.....		06	540 00
14,560 ears of corn (sweet).....		00¾	109 20
360 egg plants.....		06	21 60
1½ bushels of gooseberries.....		1 50	2 25
12 bushels of grapes.....		2 25	27 00
Lot of herbs.....			10 00
2,163 heads of lettuce.....		02	43 26
5 bushels of okra.....		50	2 50
44 bushels of onions.....		1 25	55 00
125 bushels of parsnips.....		60	75 00
87 bushels of peas.....		50	43 50
15 bushels of peppers.....		50	7 50
500 bunches of parsley.....		01	5 00
200 pumpkins.....		05	10 00
365 bunches of rhubarb.....		02	7 30
52 bushels of spinach.....		50	26 00
22 bushels of squashes.....		50	11 00
447 bushels of tomatoes.....		25	111 75
400 bushels of turnips.....		25	100 00
			<hr/>
			\$1,933 02
			<hr/>
			\$7,141 42

EXPENSES.

Fertilizers	\$860 00	
Implements	75 00	
Labor.....	2,800 00	
Rent.....	1,500 00	
Seeds.....	156 60	
		<u>\$5,391 60</u>
Balance.....		\$1,749 82

DAIRY.

RECEIPTS.

Milk for November, 1884.....	2,240 gallons.	
December,	2,266	
January, 1885.....	2,338	
February	2,012	
March.....	2,304	
April.....	2,461	
May	2,638	
June	2,602	
July.....	2,536	
August	2,713	
September.....	2,287	
October.....	2,155	
	<u>28,552 gallons, @ 17c.</u>	<u>\$4,853 84</u>
Six beeves.....	\$340 65	
Calves.....	99 68	
Manure.....	300 00	
		<u>740 33</u>
Stock on hand—		
43 milch cows, valued at \$65.....	\$2,795 00	
1 bull, valued at.....	50 00	
1 bull, valued at.....	75 00	
		<u>2,920 00</u>
		<u>\$8,514 17</u>

EXPENSES.

Stock on hand from last year.....	\$3,000 00	
Stock purchased.....	382 50	
24 weeks' pasture for 44 cows.....	528 00	
88 tons of hay, at \$16.....	1,408 00	
565 cwt. of corn meal, at \$1.....	565 00	
20 cwt. of cake meal.....	32 00	
530 cwt. of bran, at 80c.....	424 00	
1 acre green corn	40 00	
6,246 bundles stalks, at 2c.....	124 92	
600 bushels turnips, at 25c.....	150 00	
Wages, one man, at \$43 per month.....	516 00	
Wages, one man, at \$23 per month.....	276 00	
		<u>7,446 42</u>
Balance.....		<u>\$1,067 75</u>

WORK DONE IN THE SEWING ROOM OF THE INSTITUTION,

From October 31st, 1884, to October 31st, 1885.

Dresses.....	384
Chemises.....	217
Petticoats.....	213
Nightgowns.....	10
Drawers.....	274
Under vests.....	587
Shirts.....	783
Sacks.....	97
Aprons.....	311
Collars.....	252
Handkerchiefs.....	125
Pairs stockings.....	104
Pairs socks.....	30
Towels.....	1,410
Sheets.....	578
Pillow cases.....	554
Comfortables.....	143
Counterpanes.....	55
Blankets.....	140
Curtains.....	94
Curtain bands.....	154
Table cloths.....	80
Table napkins.....	60
Dozens holders.....	12
Bags.....	55
Bed pads.....	129
Tidies.....	10
Cravats.....	216
Straw ticks.....	13
Mattresses.....	69
Pillows.....	121
Carpets.....	45
Carpet strips.....	84
Window shades.....	21
Awnings.....	6
Total number of articles made.....	7,549

ADMISSION OF PATIENTS.

Private patients, or those supported by themselves or their friends, are admitted to the Asylum when there are vacancies, on their complying with the directions and forms contained in chapters nineteen, twenty, twenty-one and twenty-two of the by-laws of the institution, which are in substance as follows:

That patients of all classes be made perfectly clean and free from any contagious or infectious disease; that they be provided with suitable clothing, and sufficient in quantity for one or more changes; that a written history of patients be sent with them, or that they be accompanied by a person capable of giving such information; that a "Request for their Admission" be made by some friend; that a "Certificate of Insanity," by two respectable physicians, be brought with the patient; and, lastly, that a bond, with satisfactory sureties, be given for the payment of their expenses, such payment being made quarterly in advance, and for their removal when discharged.

The forms of "Request for Admission," "Certificate of Insanity" and "Bond for Support," etc., are as follows:

FORM OF REQUEST.

Private Patients.

To the Superintendent of the New Jersey State Lunatic Asylum:

The undersigned, of the township of ———, in the county of ———, is desirous of placing in the State Lunatic Asylum at Trenton, and hereby requests the admission therein of ———, a resident of the township of ———, in the county of ———, who is aged ——— years, and has been [here state what the occupation, profession or business of the person has been]. He [or she] is a native of ———, in the State of ———, and is [here state what the relationship or circumstances of connection may be] of the undersigned.

[Then should follow a written history of the case, stating the alleged cause of insanity, when it commenced, and all the particulars of the case.]

Dated ———, 18—.

CERTIFICATE OF INSANITY.

Private Patients.

State of New Jersey, {
County of ———. } ss.

We, ———, of the township of ———, in the county of ———, and ———, of the township of ———, in the county of ———, being duly sworn, on our oaths do say, that we have examined into the state of health and mental condition of ———, of the township of ———, in the county of ———, and that ——— is, in our opinion, insane, and a proper subject to be sent to the New Jersey State Lunatic Asylum.

———, M.D.
———, M.D.

Subscribed and sworn to before me this ——— day of ———, A. D. 188 .

[The act requiring the certificate of two physicians, under oath, in case of private patients, was approved April 7th, 1885.]

FORM OF BOND.

Private Patients.

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

Sealed with our seals, and dated this ——— day of ———, 18—.

Whereas, ———, of the township of ———, in the county of ———, a lunatic, has been admitted a boarder in the New Jersey State Lunatic Asylum at Trenton; now, therefore, the condition of this obligation is, that if the said obligators shall pay to the Treasurer, or his successor in office, the sum of ——— dollars and ——— cents per week, for the board of said lunatic, so long as ——— shall continue a boarder in said Asylum, 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 articles as shall be procured for ——— by the Steward of the Asylum, and shall remove ——— from the Asylum whenever the room occupied by ——— shall be required for a class of patients having preference by

law, or in the opinion of the Superintendent, to be received into said Asylum; and if — should be removed, at the request of —, before the expiration of six calendar months after reception, then if such obligator 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 Asylum, 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 same becomes due, then this obligation to be void, otherwise to remain in force.

Signed and sealed in presence of — —.

FORM OF ORDER, ETC., FOR JUDGES.

Indigent Patients.

I, A. B., one of the Judges of the Court of Common Pleas of the county of —, and State of New Jersey, do hereby report that application has been made to me on behalf of C. D., a resident of the township of —, in said county, alleged to be insane, [and in indigent circumstances or a pauper, as the case may be,] and that, pursuant to the Act of the Legislature in such cases made and provided, I have called before me Dr. —, a respectable physician, and other respectable witnesses, to wit: [state their names] and having examined them and fully examined the case, and not deeming it necessary to call a jury, I do hereby decide and certify that satisfactory proof has been adduced before me, showing the said C. D. to be an insane person, and that — has not sufficient estate or means to support — under said visitation.

Given under my hand at —, in the county and State aforesaid, this — day of —, in the year of our Lord one thousand eight hundred and —.

A. B.

— County, ss.—I, A. B., being duly sworn according to law, do certify and declare that I have examined into the state of health and mental condition of C. D., of the township of —, of said county of —, and that I am of opinion that — is insane.

A. B., Physician.

Sworn to and subscribed before me this — day of —, A. D. 188 .

A. B., Judge, etc.

Indorse on certificate, Approved, A. B., Chosen Freeholder of the township of —, county of —.

New Jersey State Library

State of New Jersey, }
——— County. }

I, A. B., Clerk of the county of ———, do hereby certify that the foregoing is a true copy of the report and certificate of ———, one of the Judges of the Court of Common Pleas of said county, in the case of ———, and also the certificate of Dr. ———, thereunto appended, as filed in my office; that the foregoing is a true copy of the indorsement thereon, and that A. B., whose name is signed to the said indorsement of approval, is a member of the board of chosen freeholders of said township, in said county, and that said signature is in his proper handwriting.

In witness whereof I have hereunto set my hand and seal of office at ———, this ——— day of ———, A. D. 188 .

A. B., Clerk.