

# MAINE STATE LEGISLATURE

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PUBLIC DOCUMENTS OF MAINE

1913

BEING THE

ANNUAL REPORTS

OF THE VARIOUS

DEPARTMENTS AND INSTITUTIONS

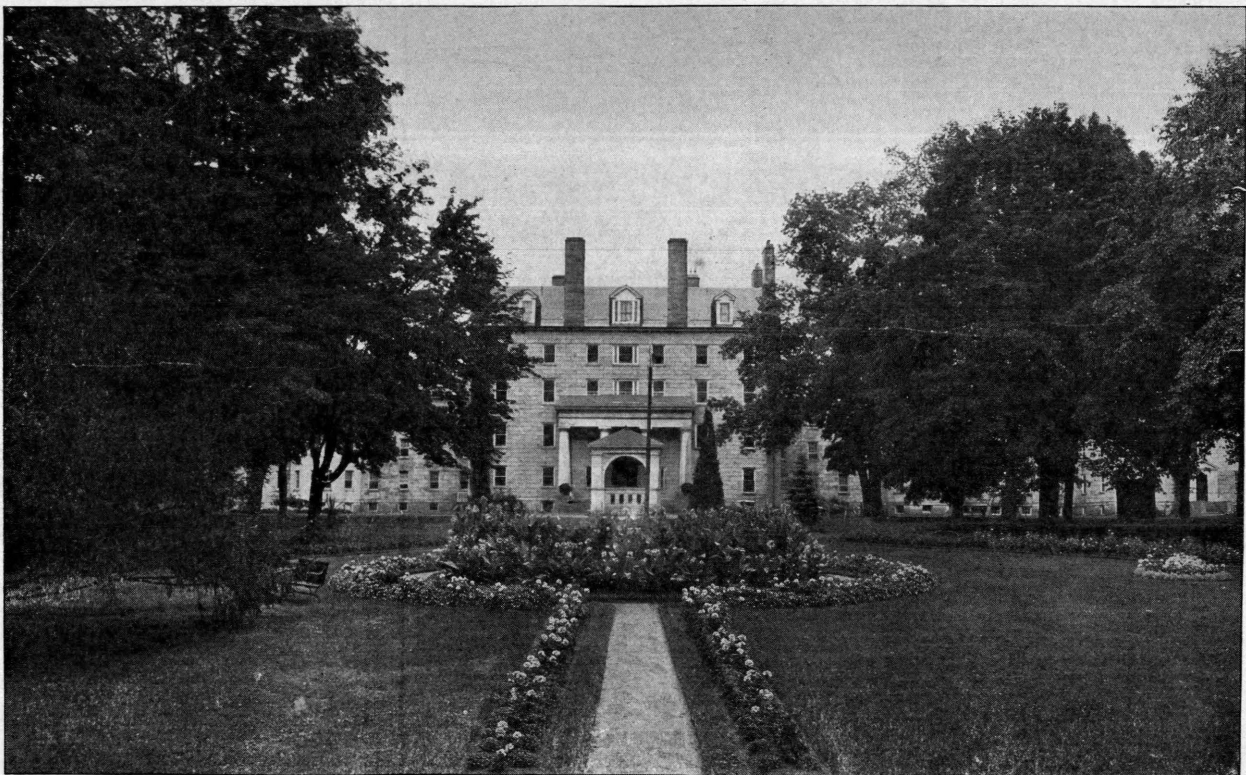
For the Year 1912

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VOLUME III

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WATERVILLE  
SENTINEL PUBLISHING COMPANY  
1914



Maine Insane Hospital

# REPORTS

OF THE

Trustees, Resident Officers and  
Visiting Committee

OF THE

# MAINE INSANE HOSPITAL

AND

## Eastern Maine Insane Hospital

For the Year Ending November 30, 1912



WATERVILLE C  
SENTINEL PUBLISHING COMPANY

1913



BOARD OF HOSPITAL TRUSTEES.

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DR. SETH C. GORDON, 1914.....	Portland
MRS. LAURA L. CONY, 1916.....	Augusta
THOMAS WHITE, 1913.....	Bangor
YOUNG A. THURSTON, 1914.....	Andover
ALBERT O. MARCILLE, 1913.....	Biddeford
MENANDER DENNETT, 1915.....	Lewiston
FRANK W. BURNHAM, 1915.....	Milbridge

OFFICERS OF BOARD.

DR. SETH C. GORDON, *President*.  
MRS. LAURA L. CONY, *Secretary*.

STANDING COMMITTEES FOR 1913.

Repairs and Improvements,

DR. GORDON, MR. WHITE, MRS. CONY.

Accounts and Finances,

MESSRS. DENNETT, BURNHAM, MARCILLE.

Farm Stock and Outside Property,

MESSRS. THURSTON, WHITE, BURNHAM.

Recreation, Amusements and Industries,

MRS. CONY, DR. GORDON, MR. DENNETT.

Library,

MRS. CONY AND MR. DENNETT.

Inventory,

MRS. CONY AND MR. WHITE.

VISITING COMMITTEES FOR 1913.

January—WHITE, MARCILLE, DENNETT, MRS. CONY.

February—GORDON, THURSTON, BURNHAM, MARCILLE.

March—FULL BOARD.

April—THURSTON, BURNHAM, WHITE, MRS. CONY.

May—GORDON, MARCILLE, BURNHAM, DENNETT.

June—FULL BOARD.

July—MARCILLE, GORDON, WHITE, MRS. CONY.

August—BURNHAM, THURSTON, DENNETT, MRS. CONY.

September—FULL BOARD.

October—GORDON, WHITE, THURSTON, MRS. CONY.

November—MARCILLE, THURSTON, BURNHAM, DENNETT.

December—FULL BOARD.

## MAINE INSANE HOSPITAL.

### RESIDENT OFFICERS.

HENRY W. MILLER, M. D., Superintendent.  
STEPHEN E. VOSBURGH, M. D., First Assistant Physician.  
KARL B. STURGIS, M. D., Second Assistant Physician.  
HERBERT W. HALL, M. D., Assistant Physician and Pathologist.  
JOSEPH H. TOOMEY, M. D., Assistant Physician.  
MARIE C. STROM, M. D., Woman Assistant Physician.  
Miss CARRIE TEEPLE, Matron.  
JENNIE M. SMITH, Superintendent of Nurses.  
MANNING S. CAMPBELL, Steward and Treasurer.

### DENTIST.

LINWOOD L. DOLLIVER, D. D. S., Augusta.

### CHAPLAINS FOR 1913.

The Resident Clergymen of Augusta.

### SUBORDINATE OFFICERS.

ALBERT M. PINGREE, Hospital Clerk.  
EARLON B. FRANCIS, Assistant Hospital Clerk.  
Miss NONA COYNE, Superintendent's Clerk.  
Miss DAISY O. JENNINGS, Assistant Clerk.  
W. L. SAMPSON, Engineer.  
RICHARD H. TALBOT, Farm Superintendent.

### SUPERVISORS.

#### *Male.*

VERMONT R. LUCE.  
CHARLES H. DAVIS,  
CARL H. AMES, Night Supervisor.  
EVAN S. KENNEY,  
Burleigh Pavilion and Criminal Insane Building.  
CLYDE L. PRATT, Special Nurse.

#### *Female.*

MRS. ANNIE D. McLEAN.  
MISS ANNIE R. McLAUGHLIN.  
MISS MARIA H. McFEE.  
MRS. MAE V. PRESCOTT, Night Supervisor.

REPORT OF THE TRUSTEES OF THE MAINE  
INSANE HOSPITAL, AT AUGUSTA  
AND  
EASTERN MAINE INSANE HOSPITAL AT BANGOR,  
NOVEMBER 30, 1912.

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*To the Honorable Governor and Council of the State of Maine:*

The Trustees of the Maine Insane Hospital at Augusta, and the Eastern Maine Insane Hospital at Bangor, submit their annual report for the year ending November 30, 1912:

A careful and faithful inspection of all inmates of each institution has been made each month, by a majority, or all members of the Board, often at great sacrifice on the part of many of them, who are men of large personal affairs.

The variety of business interests of the hospitals demand, at the present time, careful judgment and good executive ability. Much time has, necessarily, been required, which has been freely and promptly given.

THE MAINE INSANE HOSPITAL.

The same system has been pursued as last year, so far as assigning the duties of the Board, viz: Sub-committees on farm, stock, and outside property—accounts and finances, repairs and improvements. This has simplified the work, and given the Board a clear insight into all departments, at the least possible inconvenience and loss of time.

A new farmer has been engaged since the last report. Mr. Talbot is a graduate of an agricultural college and has had a large experience as a practical farmer, both before and since graduation. We are satisfied that we can already perceive a great change for the better, under his scientific and practical work. The crops have all been large and securely gathered. The hay and potato crops are especially abundant.



The time has now come when a change must be made in the dairy plant. We have been keeping a herd of cows that are deteriorating rapidly—a few are absolutely useless, many diseased, and others far from profitable. The Trustees believe that as soon as possible the nucleus of a thoroughbred herd of Holsteins should be gathered, and the present herd gradually eliminated. Sixty-five have already been killed, and others must soon follow. The institution should certainly keep cows enough to supply abundant milk for the inmates. It is also important that as much stock as possible should be kept to provide fertilizer for the farm.

The appropriations for the past year have been most carefully expended, and no deficit will exist at the end of the fiscal year, even though some necessities, not strictly classed as "maintenance," may have been purchased. At the end of the year we hope to have a bread mixer well installed, in order the better to provide for the rapidly increasing number of inmates—already numbering over 900. The labor-saving machines soon earn the primary cost, while reliable laborers are difficult to obtain, at even high wages.

The Trustees believe it would be very much to the advantage and profit of the institution, if an electric light plant was installed, especially as a portion is already established. It would soon pay for itself, saving much over the present cost.

For several years many of the wards have needed extensive repairs, both from a sanitary and economic point of view. In some cases the entire interior structure must be removed and new plans adopted whereby more room can be obtained and more light and air secured.

The accommodation for our nurses is far from what they are entitled to in these days of modern requirements. They should not be compelled to sleep in rooms adjoining wards where they work all day—in some cases even in the wards. Provision for a nurses home should be made at once.

The estimates for the next two years have been most carefully made, after very close examination on the part of the Trustees in conference with the Superintendent and Steward. It will be seen by examination for the past four years that but little has been done in the line of new construction or extensive repairs—we are now at the point where much is demanded—(see Superintendent and Steward's report for particulars).

There have been several changes in the medical staff. Within the past year Dr. Pitman and Dr. Lindsay resigned, one to enter on private practice, the other to accept a better position in a Massachusetts hospital. The resignation of Dr. George S. Bliss, as Superintendent of the School for Feeble Minded, at West Pownal, compelled us to secure someone in his place, and that as soon as possible. It was the unanimous opinion of the Board that Dr. Carl J. Hedin, who had been, for a number of years, first assistant in the Maine Insane Hospital, was well fitted for the place, and he was accordingly nominated by a unanimous vote of the Board. We believe he will prove satisfactory in the position.

The medical staff is composed of men who are eminently competent and have been doing work that is not surpassed by any hospital in the country. It is work that means careful, scientific investigation of each individual inmate, so that at any time the actual condition can be made known to the friends, at once. The utmost freedom is accorded to each patient, consistent with safety. Occupation, adapted to the condition, is found to be one of the most important elements in the recovery of this class of unfortunates. No restraints are allowed, and all attendants are strictly enjoined to guard themselves against ill treatment of any patient, under penalty of dismissal when found guilty. Complaints will occasionally come to us, but no case is permitted to remain unnoticed, and a proper investigations at once instituted.

The general health of the inmates has been remarkably good during the past year, much of which can be attributed to the increased liberty in the open air. With the needed changes in the old wards, a still better condition may confidently be promised. For specifications on appropriations see report of Superintendent, Steward and Treasurer.

#### EASTERN MAINE INSANE HOSPITAL.

Several changes have been made in this institution during the year. Mr. Somers having resigned, as Steward and Treasurer we elected Mr. William Thompson in his place. Up to the present time he has given the utmost satisfaction to the Trustees and Superintendent. Believing that it was in the interest of economy to dispense with the constant employment

of a mason, we allowed him to go, and thus far have seen no reason to regret our action. The resignation of the matron, who had been with us for several years, was a great disappointment to us all. She had been very efficient and trustworthy. There has been one resignation from the staff of assistant physicians. The interests of the institution will not suffer, however, as means of securing one in his place are already employed.

Intelligent and pains-taking work has been done by the Superintendent and his capable assistants. The medical department will compare favorably with any similar institutions. The general condition of the inmates has been exceedingly good during the year, in a great measure due to the life in the open air, that so many of them have enjoyed. To this, is added a reasonable amount of manual labor for the men, a large part of the farm work being performed by them. Many of the women are busy in all departments in doors. This contributes much to mental as well as physical recovery. Insane hospitals are no longer mere places for the custody of the inmates, but for cure of insanity, and one of the most important means is found in whatever seems to divert them and keep them employed in some occupation, adapted to their physical and mental ability.

The needs of the Eastern Maine Insane Hospital are many. First of all, comes more land on which to install a dairy farm. An institution like this should have, at least, an abundant milk supply—a most important element of food. No cows are kept on the present farm, no pasturage being available. Suitable barns and a good herd of cows are at once demanded. A proper poultry plant can be had in connection with this, all to be had at slight cost for maintenance. A store-house and cold-storage plant are among the urgent demands in order to economize in the purchase of meats. A washing-machine for the laundry is much needed.

The proper safety from fire, and consequent economy in insurance, has been provided for within the last month. An arrangement with the Bangor Water Co. has been made by which a pipe-line has been established, within a convenient distance from our buildings, and hydrants installed, by which we can now command the entire group of buildings. The cost has been very satisfactorily adjusted between the two parties. A

still further extension (at small expense) will enable us to surround the entire plant with hydrants.

Some quite extensive repairs must be made in a few of the wards, owing to extremely faulty construction on the part of the contractors, and total inefficiency, so far as inspection of the work was concerned.

Verandas are much needed on several sections, in order that feeble patients can have the advantage of sun and air, as well as sun-baths, in winter weather, by enclosing in glass.

The Trustees feel confident that the utmost degree of economy has been observed during the year, and the per capita cost has been materially reduced. A new departure is now asked, so far as is indicated above. The demand for accommodation for more patients is constant, and the State must properly meet that demand.

The building for the tubercular patients seems to supply the present requirements, and there is a careful observation of this unfortunate class, who are suffering from a double affliction. We cannot expect much in the way of recovery under these circumstances, but segregation prevents infection to others. Cases of absolute cure are rare, under the most favorable conditions, but where the nervous and mental conditions prevail to the extent that exists in the insane, the cases are nearly hopeless.

SETH C. GORDON, *President.*  
MRS. LAURA L. CONY,  
THOMAS WHITE,  
YOUNG A. THURSTON,  
ALBERT O. MARCILLE,  
FRANK W. BURNHAM,  
MENANDER DENNETT.

## REPORT OF COMMITTEE ON COBURN FUND

*To the Trustees of the Maine Insane Hospital:*

Your Committee on Recreation and Amusement of Patients  
for the year ending November 30, 1912 submit the following  
report.

		BALANCE AND RECEIPTS.		
1911. December	1	To cash on hand .....	\$2,012 39	
1912. January	1	To interest on \$50,000.00 State of Maine Bond ..	\$1,000 00	
July	1	To interest on \$50,000.00 State of Maine Bond ..	1,000 00	\$4,012 39
		DISBURSEMENTS.		
		Paid Choir and organist .....	\$363 40	
		Orchestra and band .....	900 26	
		W. E. Greene for moving picture machine.	200 00	
		H. W. Johns-Manville Co. for asbestos mov- ing picture booth .....	125 00	
		General Film Co. for rental of films .....	108 45	
		W. E. Greene for rental of films .....	23 85	
		Fred Chase for running moving picture ma- chine for season .....	31 25	
		Ida Jenness Moulton for entertainment in Coburn Hall evening of Jan. 4, 1912 .....	13 00	
		Mrs. R. H. Conant for entertainment in Coburn Hall evening of April 26, 1912 .....	15 00	
		F. R. Jordan for entertainment in Coburn Hall evening May 15, 1912 .....	15 00	
		Julius E. Ward for entertainment in Coburn Hall evening September 28, 1912 .....	15 00	
		Eastern Lyceum Bureau for entertainment in Coburn Hall evening October 18, 1912 .....	25 00	
		Thos. H. Holderness services rendered pre- sented minstrel show evening May 22, 1912 .....	15 00	
		Brooks Hardware Co. for base ball uniforms and supplies .....	118 70	
		Expenses of ball teams to and from Hospital James Cole & Co. repairing and tuning pipe organ .....	26 10	
		Chas. E. Cheney tuning pipe organ .....	40 16	
		John E. Keller tuning pianos .....	12 00	
		Curtis & Cameron for 10 pictures .....	9 00	
		Foster Brothers for 2 pictures .....	23 51	
		Charles C. Ballard music for orchestra and band .....	10 60	
		Oliver Ditson for music .....	48 27	
		F. A. Dennis for supplies for orchestra and band .....	20 77	
		Gannett & Morse Store for 12 phonograph records and repairs for phonograph .....	19 55	
		J. Frank Pierce for 500 Christmas cards .....	10 50	
		Hooker-Howe Costume Co. rental of suits for minstrel show .....	12 00	
		Chas. H. Davis, tickets to circus and fare with patients .....	9 65	
		Elida E. Higgins for services rendered as organist for chorus .....	7 75	
			15 40	
			\$2,234 17	
1912. November	30	By cash on hand .....	1,778 22	\$4,012 39

LAURA L. CONY,  
SETH C. GORDON,  
MENANDER DENNETT,

*Committee on Recreation and Amusement of Patients.*

# REPORT OF COMMITTEE ON HOSPITAL LIBRARY.

*To the Trustees of the Maine Insane Hospital:*

Your Committee on the Library for the year ending November 30, 1912 submit the following report:

		FUND AND RECEIPTS.			
1911.		McLellan Fund.			
December	1	Cash in Augusta Savings Bank.....	\$500 00		
		Col. Black Fund.			
		Cash in Augusta Savings Bank.....	500 00		
		Twenty shares stock First National Bank of Portland in hospital vault.....	2,000 00		
		Accumulated interest on cash in the Augusta Savings Bank (McLellan and Col. Black Funds)	200 00		
		Robie Fund.			
		Twenty shares stock First National Bank of Portland deposited with State Treasurer.....	2,000 00		
		Balance cash in treasury.....	281 96		
1912.					
January	4	Dividend on bank stock (Col. Black Fund).....	70 00		
July	1	Dividend on bank stock (Col. Black Fund).....	70 00		
November	30	Two dividends on bank stock (Robie Fund) due from State of Maine.....	140 00		
		Dividends on cash in the Augusta Savings Bank (McLellan and Col. Black Funds).....	48 96	\$5,81	92
		DISBURSEMENTS.			
		Paid Grumiaux News and Subscription Co. (19 magazines).....	40 20		
		J. Frank Pierce, 212 library books.....	231 73		
		Kennebec Journal (4 copies).....	16 00		
		Richard G. Badger, 5 medical books.....	10 00		
		Portland Daily Press.....	9 00		
		Journal of Nervous and Mental Disease.....	5 00		
		G. E. Stechert & Co. (3 Journals, etc.).....	19 70		
		Lea & Febiger (Set of Adams Pathology).....	12 00		
		Lewiston Daily Sun (2 copies).....	4 00		
		W. B. Saunders Co. (1 Niles).....	3 00		
		Boston Medical and Surgical Journal.....	5 00		
		Johns Hopkins Press.....	5 00		
		J. B. Lippincott (3 vols. Clinics).....	6 00		
		Eastern Argus Publishing Co. (2 years subscriptions).....	12 00		
		Lewiston Journal Co. (2 years subscription)	36 00		
		Biddeford Daily Journal (5 years subscriptions).....	30 00		
			\$444 63		
1912.					
November	30	By cash in treasury.....	\$166 29		
		Balance in Augusta Savings Bank.....	1,200 00		
		Twenty shares stock First National Bank of Portland in hospital vault.....	2,000 00		
		Twenty shares stock First National Bank of Portland deposited with State Treasurer.....	2,000 00	\$5,366 29	\$5,810 92

MENANDER DENNETT,  
LAURA L. CONY,

*Committee on Library.*

## SUPERINTENDENT'S REPORT.

*To the Maine Hospital Trustees:*

I have the honor to submit herewith the seventy-second annual report of the Superintendent of the Maine Insane Hospital for the year ended November 30, 1912.

### GENERAL STATISTICS FOR THE YEAR.

	Men.	Women.	Total.
Patients in hospital November 30, 1911.....	463	409	872
Admitted within the year.....	171	141	312
Viz: by commitment.....	148	122	270
for observation.....	3	1	4
by transfer.....	—	1	1
from visit.....	5	2	7
from escape.....	1	—	1
Nominal admissions for discharge.....	14	15	29
Viz: from visit.....	9	15	24
from escape.....	5	—	5
Whole number of cases within the year.....	634	550	1,184
Dismissed within the year.....	155	126	281
Viz: discharged.....	60	38	98
as recovered.....	32	29	61
as capable of self-support.....	12	4	16
as improved.....	12	3	15
as not improved.....	4	2	6
died.....	—	—	—
transferred.....	65	54	119
escaped.....	3	—	3
on trial visit, December 1, 1912.....	4	—	4
on trial visit, December 1, 1912.....	23	34	57
Patients remaining November 30, 1912.....	479	424	903
Viz: supported as State patients.....	401	337	738
in part by relatives.....	29	31	60
in full by relatives.....	42	44	86
as private patients.....	7	12	19
Number of different persons within the year.....	631	549	1,180
Number of different persons admitted.....	168	140	308
Number of different persons admitted by commitment.....	147	122	269
Number of different persons dismissed.....	152	126	278
Number of persons recovered.....	31	29	60
Number of persons discharged capable of self-support.....	12	4	16
Daily average number of patients.....	480	423	903

The daily average population for the year has increased from 879 to 903, an increase of 24. There were under treatment at the beginning of the year 463 men and 409 women, a total of 872. Two hundred and seventy patients were admitted by commitment, four were sent by order of court for observation, one was received by transfer from Bangor, seven on trial visit

were returned for further treatment and one was returned from elopement. Twenty-four patients on trial visit and five carried on elopement were nominally admitted for discharged, making in all three hundred and twelve admissions. Remaining at the end of the year are 479 men and 424 women, a total of 903. The smallest number under treatment in any one day was 870, the largest 926. Two hundred and ten of the committed cases were never before in any hospital for the insane; 223 were admitted to this hospital for the first time.

It would be of interest to have accurate data as to the relative proportion of insane received from rural and urban communities. Our statistics as prepared at present do not permit us to present very definite conclusions on this point. We show in one of our tables the number committed from the various cities and towns in our district, but a commitment from a city does not always indicate that the patient was a resident of that city. The only reliable method upon which to base a social study would be to indicate in each individual case the fact as to whether the patient lived in the country or the city. Such a social study would, I believe, prove of scientific interest.

The civil condition is recorded as single in 43% of the patients committed; 4.8% were divorced or separated. The high percentage of unmarried patients is of interest from the standpoint of eugenics when it is known that 80.7% of our patients were over 30 years of age at the time of admission.

The relatively high percentage of native born among admissions is of more than passing interest. It is shown by our nativity table that 67.4% were born in the State of Maine and 78.5% were born in this country; 21.5% being of foreign birth; 62.7% the fathers of patients and 67.4% of the mothers were born in the United States.

Alcoholic Insanity is not frequent among our admissions. Thirteen patients admitted were so classified, i. e. 4.8% of committed cases. Alcoholic intemperance was an exciting or a predisposing cause in 15.5% of the committed cases. This is a low percentage of alcoholic insanities compared with the numbers found in other insane hospitals. Whether it proves the resistance of native stock to the influence of alcohol or is evidence of the temperate habits of the inhabitants of the State, I am not prepared to state. It is a fact that alcoholic



insanities are more frequent in this country in institutions receiving a higher percentage of foreign stock.

Thirty patients admitted were congenitally defective or epileptic. Fourteen of these were classed as imbeciles and twelve as constitutionally inferior, that is, not fully endowed with normal mental ability. Some of the imbeciles will be recommended for transfer to the school for Feeble-Minded as soon as the school has room for them. The group classified as constitutionally inferior are committed usually as the result of a mental disorder dependent upon their inborn mental weakness and they are not feeble-minded in the popular sense of the term. It is, however, a wise policy to segregate the majority of these individuals and it is surprising how the committing authorities realize the necessity of the commitment only after the perpetration of a serious crime by one of this class.

General paralysis, a disease caused in practically every case by syphilis, was found in 26 men and 7 women admitted. The admission rate for this disease is somewhat higher than in the past few years. Dementia Praecox was diagnosed in 22 men and 23 women. In 20 men and 17 women the insanity was dependent upon changes in the brain structure or organic conditions such as Senile Dementia, Arteriosclerotic insanity and gross brain lesions.

#### DEATHS AND DISCHARGES.

Thirty-one patients were on trial visit at the end of last year and of these, twenty-four were discharged and seven were returned for further treatment. Fifty-seven are now at home on a six months' parole. The advantage of the six months' parole law has fully justified its enactment.

Ninety-eight patients were discharged, 60 men and 38 women. Sixty-one of these were discharged as recovered, sixteen as capable of self-support, fifteen as improved, and six as not improved.

	Per cent.
Recoveries on number admitted.....	19.6
Recoveries on number discharges, exclusive of transfers and deaths .....	62.2

The number of patients who died during the year was 119, of whom 65 were men and 54 were women. The percentage

of deaths calculated upon the total number who received treatment was 10.05 compared with 10.7 last year.

	Per cent.
Deaths due to General Paralysis.....	22.7
Deaths due to Tuberculosis.....	7.5
Deaths under 50 years of age.....	39.9
Deaths over 50 years of age.....	63.1

#### CRIMINAL INSANE.

Twenty-six patients were under treatment at the beginning of the year in the Criminal Insane Department. During the year six men were admitted, three died, one was discharged to return to prison, and one was transferred to the general wards of the hospital. Twenty-seven remain under treatment.

The broom industry has served as a very congenial occupation for those considered competent and safe to carry on that work. During the year 96½ dozen brooms were manufactured. These have been used within the hospital.

We still feel the want of an airing and exercising court in connection with this department and we trust that it will be deemed expedient to provide for its construction in the near future. A slight alteration has been made in the window guards in the interests of safety. The building is under most careful supervision, there being six attendants for twenty-seven patients.

One patient in this department committed suicide by hanging. This unfortunate accident occurred in the night and was accomplished by the tying of the bed clothes to the ventilator.

#### MEDICAL ADMINISTRATION.

The medical work has been carried on along the lines formulated in preceeding reports. Staff meetings have been held regularly three times a week when all recent cases, as well as those cases in which trial visit or discharge was contemplated, were brought before the Staff, the history of the patient reviewed, the diagnosis, prognosis and methods of treatment discussed. The records of all cases for final discharge, either by death or limitation of the parole period, are presented for discussion and the final diagnosis and other statistical facts are

agreed upon. In this manner 432 records or patients were brought before the medical conference.

The post-mortem pathology has been of the greatest service in explaining various symptoms both upon the mental and physical side. The great advantage of post-mortem examinations is that the clinician, whose observations are thus checked up, becomes more accurate and painstaking in his examinations and thus enhances his value as a physician. With the methods of detailed examinations now in vogue in the majority of insane hospitals it is justly claimed that the physicians are receiving as scientific a course in internal medicine as it is possible to obtain in a general hospital. A glance at the table showing the medical and surgical diseases treated during the year soon convinces one that a physician in an insane hospital has abundant clinical material aside from mental diseases.

One mild case of typhoid fever developed in a patient during the summer. Careful investigation failed to reveal the source of infection within the hospital and it is presumed that the infection was introduced from without through fruit brought to the patient. We have had a number of diarrhoea cases chiefly during the fly season. The role of the house fly in carrying infection of this nature has been established and as a precautionary measure many of our windows have been screened, particularly those in the dining rooms and kitchens. An attempt has also been made to limit the number of breeding places for flies.

Measles which were epidemic in the city during the winter became quite prevalent in the hospital, no less than 35 women and 15 men, the majority of whom were employees, being affected. Stringent quarantine was enforced and there were no serious complications.

Two years ago I reported an interesting case of pellagra which was admitted to the hospital. This was, so far as we have knowledge, the first instance of this disease occurring in this State. Two new cases have come to our attention this year, one of which undoubtedly developed within the hospital, the other was affected with the disease when admitted. Both patients died. Dr. Hills reports the occurrence of two cases at the Eastern Maine Insane Hospital and a physician in the extreme eastern part of the State writes me that he has recently

had a fatal case in his practice. This disease is now so prevalent in the United States, particularly in the Southeastern states, and it has become such a serious national health problem that a national conference to study its causes, symptoms and prevention has been held for the past two years. It is estimated that there are at the present time over 30,000 pellagrins in the United States and it is asserted by some authorities that the disease threatens to become a wide spread calamity. A few cases have been reported in four New England states. Its presence in this State, while not assuming alarming proportions, is sufficient to place us on our guard and to investigate every suspected case which comes to our attention.

The following contributions by members of the staff have been presented during the year

“Conservation of our Mental Resources” by Dr. H. W. Miller. Read at the annual 1911 meeting of the State Board of Trade at Augusta.

“Pathology of General Paralysis” by Dr. H. W. Miller. Read before Maine Medical Association in Portland, June 1912.

“Eugenics” by Dr. H. W. Miller. Read before Portland Medical Club, October 17, 1912.

“Clinical types of General Paralysis” by Dr. Carl J. Hedin. Read before Maine Medical Association in Portland, June 1912.

“Examination of Cerebro-spinal fluid in Nervous and Mental Diseases of syphilitic origin” by Dr. H. W. Hall. Read before Augusta Medical Club April, 1912.

In my report for 1910 I stated that a modern insane hospital was not only a hospital for the care, scientific treatment and study of the insane but that it should serve as a centre for distribution of such knowledge as we may be able to acquire with reference to such problems as the cure and prevention of insanity. I have been enabled during the year, in a small measure, to give to the public, by means of popular lectures, the benefit of certain facts relative to the nature and causes of insanity and the means that should be adopted to prevent it. These talks have been given before various men's clubs and women's associations and the interest displayed by the audiences was an indication that there is a decided awakening of the public conscience with respect to one of our greatest problems in preventive medicine—the prevention of insanity. The desire of

the public for information upon insanity is, I believe, directly traceable to the wide spread movement throughout this country toward the prevention of disease in general. It is not surprising that this movement of prevention should include in its scope the disease insanity with its tremendous social and economic significance.

The pathological laboratory was equipped early in the year and Dr. Hall placed in charge as pathologist. The value of such a department in any hospital is too well recognized to require special mention. Autopsies were obtained in 26% of the deaths.

The following is a summary of the work done in this department:

	Men.	Women.	Total.
Post-mortem examination .....	17	14	31
Lumbar punctures .....	67	17	84
<hr style="width: 20%; margin: 0 auto;"/>			
Ross-Jones test on Cerebro-spinal fluid.....			* 84
Positive .....	47		
Negative .....		37	
Noguchi's Butyric Acid test on cerebro-spinal fluid.....			84
Positive .....		51	
Negative .....		33	
Cytological examination of cerebro-spinal fluid by Fuchs-Rosenthal method .....			84
Cytological examinations of cerebro-spinal fluid by Alzheimer's method .....			23
Perutz reaction of blood serum.....			1
Examination of urine .....			297
Examination of sputum for tubercle bacilli.....			30
Men .....		17	
Women .....		13	
Positive, 3 (Men 3, Women 0).....			
Examination of serous fluids.....			6
Examination of gastric contents.....			5
Stains for gonococcus of Neisser.....			3
Blood counts .....			36
Microscopical preparations from autopsy material stained by various methods .....			1,162 slides.
Stained sections from other than autopsy material.....			30
Preparation of culture media and various bacteriological work.			

#### DENTAL WORK.

Dr. Dolliver reports as follows:

During the past year I have visited the hospital once in two weeks. I have examined the patients as admitted, and relieved

any acute dental ailments. I have found the patients on a whole to show an appreciation of any effort to alleviate, and have met with but few refusals of treatment.

Number of patients examined.....	415
Number of patients treated.....	132
Teeth and roots extracted.....	171
Fillings .....	94
Tartar removed and teeth cleaned.....	15
Nerves removed .....	4
Plates fitted .....	3
Tumor of gum removed.....	1
Re-setting crown .....	1

#### OCCUPATION AND AMUSEMENTS.

Every department of the hospital has its quota of working patients and the patients are directly benefitted as a result of their industry. No patient is allowed to work without the consent of the physician. Between fifty and sixty percent of our patients are employed in some useful occupation. The extent of our industries was detailed in the report for last year and the appended tables give some idea of the variety of the work performed. The upper floor of the unoccupied building in the Burleigh group was renovated by patient labor and we hope soon to establish there an industrial room to give varied employment to those unoccupied patients in the Burleigh pavilion who are capable of working.

During the winter one regular weekly dance has been held every Thursday evening in the amusement hall and is a never ending source of enjoyment both to the patients who dance and those who are only able to watch and listen to the music. Every Monday evening from the first of October to June a moving picture entertainment is given for the benefit of the patients. This form of entertainment has proven probably the most satisfactory form of amusement ever inaugurated. It not only gives the patients a decided change from the monotony of hospital life but it has a distinctly beneficial affect upon patients who are prone to be depressed and introspective. It is very gratifying to hear the words of commendation from the patients after witnessing one of the moving picture exhibitions. The program of amusement is varied somewhat by the introduction of musicales, masked balls, lectures, etc.

During the summer our base ball team played with a visiting team nearly every Saturday afternoon and much enthusiasm was shown. The hospital band played upon the front lawn upon which the patients are congregated every Monday and Thursday.

Coburn park is used every pleasant day during the summer season by the women patients who have not the privilege of ground parole. The usual number of patients, namely, 40 women and 40 men enjoyed the six weeks outing at the summer hospital at Chase Island.

The hospital library is appreciated by a large number of our patients and the number of books read by patients is probably greater than in any outside community of the same population. The endowment for the library fund from the McLellan, Black and Robie endowments allows us a generous supply of books, magazines and newspapers.

#### TRAINING SCHOOL FOR NURSES.

The Training School for Nurses under the immediate supervision of Miss Smith, the Superintendent of Nurses, continues a most important adjunct to the medical service; its importance cannot be over-estimated. The course consists of a two years' schedule in practical and theoretical work. Special attention is given to practical work, and attempt is made to give to each pupil nurse a rotation in the various services. Lectures are given twice a week by members of the medical staff together with quizzes by the physicians and the superintendent of nurses.

The junior class opened in October with twelve pupils. During the course of two years some of these will drop out, some through leaving the service and others through inability to keep up with their studies.

The following members of the senior class will receive their diplomas at the graduating exercises to be held December 26th: Rena Edna Desmond, Mary Annette Feloney, Annie D. McLean, Anna Margaret Quinn, George Andrew Maguire.

#### RELIGIOUS SERVICES.

Religious services have been held regularly every Sunday afternoon except during July and August. The regular choir has been assisted by the hospital chorus in several special musical services, thus increasing the interest in the devotional exercises. Rev. Father Nelligan has held service occasionally for

the Roman Catholic patients and has made frequent calls when his services were required. The chaplains have responded promptly and willingly to all calls for their services.

#### REPAIRS AND IMPROVEMENTS.

During the year 1912 there has been a large amount of work performed in the several mechanical departments of the institution in addition to the work of general repairs.

The old hot water heaters in the Harlow and Sanborn buildings both in use for more than twenty years were in such a leaky condition that it became necessary to replace them with a new hot water tank. A receiving tank that had formerly been used for the condensation of the steam line from the Augusta Lumber Company in the engine house was in good condition and furnished a most excellent tank for this purpose. The old brass coils were used and without any material changes the tank was installed and completely equipped for the hot water service for the Harlow and Sanborn and the Pavilions, and connected up, making a complete hot water equipment. Same has been covered with 85% magnesia covering, and has operated very satisfactorily and economically.

A sanitary combination rendering and drying apparatus was installed in the slaughter house during the summer months by Messrs. C. H. A. Wannewetsch & Company for the purpose of providing for the rendering of grease and grinding up bones and waste from our kitchen and also providing for diseased animals, thus working up all waste material into grease and fertilizer. It has ample capacity for our use and has operated very satisfactorily indeed. It is a necessary adjunct for a large institution, in the line of economy.

In order to provide necessary steam for operating the rendering apparatus it became necessary to install a new boiler in the piggery. We had on hand an old fifty horse power boiler that had been taken out some years ago. It was found upon examination and hydraulic test that it would stand sufficient steam pressure to operate the plant and that it met the requirements and was acceptable to the inspectors of the steam boiler inspection and insurance company insuring our boilers. It was then installed in the piggery and arranged to provide for not only the rendering plant but also our crushing plant, and the



heating of the piggery, making a complete plant operating very satisfactorily. The entire steam heating system has been very generally overhauled and repaired and the plant is up to its general efficiency and in good repair.

The work of the carpenters' department has been in connection with the general repairs of the institution wherever each improvement has been made. The chapel stairs were rebuilt, partitions changed, and the approach improved. The public parlor refinished; also new floor laid. New shelving erected in the dry goods store. A suite of rooms arranged and changed over for the third assistant physician. Barns and outbuildings repaired. Making and repairing furniture together with the general repairs necessary to keep up all departments of the institution.

A large amount of inside and outside work has been completed by the painters as follows: The upper female pavilion walls, woodwork and furniture; ventilators on all buildings repainted and bronzed; the tramway iron work; fences on the road and about the cemetery; third assistant physician's rooms; first female dormitory and stairway; kitchen and bath room; first female wing walls, ceiling and woodwork, male and female pavilions; green house repainted on the outside; interior chapel wards; douche room; gallery and chapel corridors; farm house inside and out; stairway at criminal building; public parlor complete; bandstand; all furniture as required; carriages, sleighs, carts and wagons, etc., to keep up the work of this important department.

In the mason's department general repairing of all kinds has been performed. Foundations for the rendering plant, catch basins and sewers at the piggery, and new concrete arches on one quarter section of the coal pocket roof. Repairs wherever required and mason's work of all departments, and there has been a large amount of it.

The plumber's department has done the following: Plumbing bath room on pavilion corridor for the women. One bath room complete installed in the Third Assistant Physician's apartments; new slop hoppers in the pavilion corridor bath rooms. Plumbing and equipment at slaughter house in connection with the rendering plant; galvanized iron on all pens at the piggery, putting new gutters on stable and piggery con-

necting same with sewer. In connection with the general repair work in this department which has been unusually large the past year a great deal of repairing has been done on the outside of the buildings, soldering all roofs and valleys, repairing ventilators, and galvanized finish on bay windows, cornice, etc.

The upholsterer's department performed a large amount of work, making new mattresses, and in the renovation of mattresses; equipping the house with window shades, upholstering furniture for the wards. Work for this department is increasing each year. The upholsterer looks after the looms and the hose knitting machines, and under his direction a large number of hose have been made during the past year. We are now practically supplying ourselves with hose, men's and women's.

On quarter section of the coal pocket roof, new concrete arches were erected. Most all the wrought iron columns or eye beam supports have been concreted to protect them against rust and fire. Over the entire surface of the roof some thirteen thousand square feet of Neuchatel rock has been laid, making a perfectly water tight roof that will stand contraction and expansion. It has now a complete and satisfactory roof.

#### FARM AND GARDEN.

The farm and garden, as shown in the table giving the farm and garden products, have yielded excellent crops. Mr. Richard H. Talbot who was appointed head farmer in March is carrying on this department in a modern and scientific manner. Mr. Talbot is a graduate of the Agricultural Department of the University of Maine and has had a wide practical experience in farming and dairying. We anticipate an increasing yield as a result of his supervision.

Our herd of cows having become infected with tuberculosis has been slaughtered in accordance with the order of your Board. Some of the young stock remain and they are to be tested and each animal revealing infection will be killed. The improvements in the cow barns, rendered necessary in order to make a modern and sanitary barn free from the possibility of reinfecting new animals, ordered by your Board, the expenditure for which was sanctioned by the Governor and Council, have been commenced.

## LEGISLATION.

In the report of two years ago attention was called to the desirability of a voluntary admission law. Such a law has been enacted in many states and has proven a very commendable measure.

The act as drawn up is as follows: "The Superintendent of the Maine Insane Hospital at Augusta or the Superintendent of the Eastern Maine Insane Hospital at Bangor may receive and detain as a boarder and patient any person who is desirous of submitting himself to either hospital for treatment, and who makes written application therefor and whose mental condition is such as to render him competent to make the application. Such person shall not be detained for more than three days after having given notice in writing of his intention or desire to leave the institution. The charges for the support of such persons in such hospitals shall be governed by the provisions of Chapter 144 of the R. S. and acts additional thereto and amendatory thereof applicable to the support of insane persons in such institutions."

This proposed act has received the hearty approval of the Maine Medical Association which body also endorsed a proposed emergency commitment act. The latter law would permit the admission of acute cases of insanity without delay incident to the ordinary commitment and would provide for a latter commitment. Both of these measures are adopted in states where the most progressive work in connection with the insane is carried on and I urge strongly that every effort be put forth to secure favorable action by the legislature upon these proposals.

## SPECIAL APPROPRIATIONS FOR THE FISCAL YEARS 1913-1914.

These items have been most carefully considered and recommended by your Board.

	1913	1914
(1). <i>Renovation of Third Female Wing.</i>		
This was asked for two years ago and urgently requested. The renovation of this wing would complete the renovation of the Stone building upon the women's side. The wing at present is unsafe and unsanitary .....	\$30,000 00	\$45,000 00

(2).	<i>Erections of piazzas on Harlow and Sanborn Pavilions.</i>		
	Also requested two years ago to increase the capacity and afford open air treatment for sick patients.....	10,000 00	5,000 00
(3).	<i>Renovation Second Male Wing.</i>		
	A continuation of the renovation of the original stone building. The first wing on the men's side has already been renovated and is modern and sanitary in every particular. An inspection of the second wing soon demonstrates the urgent necessity of its renovation .....	30,000 00	50,000 00
(4).	<i>New building for women nurses.</i>		
	The nurses at present are compelled to sleep upon the wards in close proximity to patients with whom their duty compels them to associate during their long working hours. A home would tend to improve the status of our nurses and retain competent nurses .....	20,000 00	40,000 00
(5).	<i>Improved modern coal hoist.</i>		
	A modern coal hoist at the wharf, which would facilitate the discharging of coal, would in a few years pay for itself in the rapidity with which the work could be done and in the releasing of the demurrage charges now frequent on account of slowness in discharging under present conditions .....	5,000 00	
(6).	<i>Additional mangle in laundry.</i>		
	This amount is recommended to be appropriated and made available for a new mangle as the old one is in bad condition and cannot satisfactorily perform the work required .....	2,500 00	
(7).	<i>Erection river front wall.</i>		
	This construction work is recommended and will require several years for its completion. The amount requested is sufficient to make a start upon a wall to prevent further falling away of the land upon the river bank .....	2,500 00	
(8).	<i>Improvement of roads and walks.....</i>	2,500 00	2,500 00
		\$102,500 00	\$142,500 00

## COST OF MAINTENANCE.

Average weekly per capita cost, including all expenditures..	\$5 26
Deduct average weekly per capita income from all sources	1 50
Average weekly per capita cost to State for support of patients and maintenance of property for the year ending November 30, 1912.....	2 76

## RESIDENT OFFICERS.

It is with regret that I record the resignation of our first assistant physician, Dr. Carl J. Hedin. Dr. Hedin resigned November 30th to accept the position of Superintendent of the Maine School for Feeble-Minded. During his five years most creditable service in this hospital he has shown marked professional and executive ability. Arrangements have been completed to secure as his successor Dr. Stephen E. Vosburgh, who is at present connected with the psychopathic hospital in Boston and who has had a wide experience both in general medicine and in psychiatry.

Dr. Marie C. Strom was promoted July 1st from interne to assistant physician.

Dr. John C. Lindsay appointed assistant physician in December, 1911, resigned in August to accept a more lucrative position at the State Infirmery, Tewksbury, Massachusetts.

Dr. Joseph H. Toomey, who has had previous experience in the care of the insane, was appointed to fill the vacancy.

Miss Carrie Teeple was appointed Matron in August.

## ACKNOWLEDGEMENTS.

To the officers, heads of departments, to the nurses and other employees who by a faithful discharge of duty have contributed to the success of the hospital, my most sincere thanks are hereby tendered.

The members of the visiting committee from the Governor and Council have kept in close touch with the hospital through their frequent inspections.

To the Honorable Board of Trustees I desire to express my grateful appreciation for your uniform kindness, your generous support and encouragement which has done so much to assist me in the performance of my duties.

Respectfully submitted,

HENRY W. MILLER,

*Superintendent.*

December 1, 1912.

## MEDICAL STATISTICS, 1912.

TABLE No. 1.  
GENERAL STATISTICS OF THE YEAR.

	Men.	Women.	Total.
Patients in hospital November 30, 1911.....	463	409	872
Admitted within the year.....	171	141	312
Viz: by commitment.....	148	122	270
for observation.....	3	1	4
by transfer.....	-	1	1
from visit.....	5	2	7
from escape.....	1	-	1
Nominal admissions for discharge.....	14	15	29
Viz: from visit.....	9	15	24
from escape.....	5	-	5
Whole number of cases within the year.....	634	550	1,184
Dismissed within the year.....	155	126	281
Viz: discharged.....	60	38	98
as recovered.....	32	29	61
as capable of self-support.....	12	4	16
as improved.....	12	3	15
as not improved.....	4	2	6
as not insane.....	-	-	-
died.....	65	54	119
transferred.....	3	-	3
escaped.....	4	-	4
on trial visit, December 1, 1912.....	23	34	57
Patients remaining November 30, 1912.....	479	424	903
Viz: supported as State patients.....	401	337	738
in full by relatives.....	42	44	86
in part by relatives.....	29	31	60
as private patients.....	7	12	19
Number of different persons within the year.....	631	549	1,180
Number of different persons admitted.....	168	140	308
Number of different persons admitted by commitment.....	147	122	269
Number of different persons dismissed.....	152	126	278
Number of persons recovered.....	31	29	60
Number of persons discharged capable of self-support.....	12	4	16
Daily average number of patients.....	480	423	903

## MAINE INSANE HOSPITAL.

TABLE No. 2.  
INSANE RECEIVED ON FIRST AND SUBSEQUENT COMMITMENTS.

NUMBER OF COMMITMENTS.	CASES COMMITTED.		
	Men.	Women.	Total.
First to this hospital.....	121	102	223
Second to this hospital.....	14	11	25
Third to this hospital.....	5	2	7
Fourth to this hospital.....	1	1	2
Fifth to this hospital.....	1	2	3
Sixth to this hospital.....	2	-	2
Seventh to this hospital.....	3	-	3
Eighth to this hospital.....	-	1	1
Ninth to this hospital.....	-	1	1
Eleventh to this hospital.....	-	2	2
Seventeenth to this hospital.....	1	-	1
Total cases.....	148	122	270
Total persons.....	147	122	269
Never before in any hospital for the insane.....	115	95	210

TABLE No. 3.  
OCCUPATION OF PERSONS ADMITTED BY COMMITMENT.

MEN.			
Barber.....	1	Machinist.....	2
Backsmith.....	1	Marble cutter.....	1
Book-keeper.....	1	Merchant.....	1
Butcher.....	1	Mill operative.....	6
Car inspector.....	1	None.....	10
Carpet designer.....	1	Painter.....	2
Carpenter.....	5	Paper-maker.....	1
Cigar maker.....	1	Pedler.....	2
Clerk.....	3	Plumber.....	1
Cook.....	2	Postmaster.....	1
Druggist.....	1	Pottery maker.....	1
Evangelist.....	1	Prize fighter.....	1
Electrician.....	1	Roofer.....	1
Farmer.....	27	Sailor.....	2
Fireman.....	1	Shoemaker.....	3
Fisherman.....	2	Shoe operative.....	1
Hair-dresser.....	1	Spinner.....	1
Hostler.....	2	Stone cutter.....	1
Horse trainer.....	1	Store keeper.....	1
Kiln tender.....	1	Student.....	4
Laborer.....	40	Teamster.....	4
Lawyer.....	1	Weaver.....	1
Loom fixer.....	1		
Lumberman.....	3	Total.....	148

WOMEN.			
Dressmaker.....	1	School teacher.....	2
Housewife.....	52	Seamstress.....	1
Housework.....	25	Saleswoman.....	2
Milliner.....	1	Stenographer.....	1
Mill operative.....	9	Store keeper.....	1
None.....	25		
Nurse.....	2	Total.....	122

TABLE No. 4.

RESIDENCE OF PERSONS ADMITTED BY COMMITMENT.

	Men.	Women.	Total.		Men.	Women.	Total.
Albion.....	-	1	1	Norway.....	3	-	3
Alfred.....	1	-	1	Oakland.....	1	1	2
Andover.....	-	1	1	Old Orchard.....	2	1	3
Anson.....	-	2	2	Paris.....	-	1	1
Appleton.....	1	-	1	Phippsburgh.....	1	1	2
Auburn.....	4	6	10	Pittsfield.....	3	-	3
Augusta.....	3	4	7	Pittston.....	1	-	1
Bath.....	6	2	8	Poland.....	1	-	1
Belfast.....	1	1	2	Portland.....	12	22	34
Belgrade.....	-	2	2	Pownal.....	-	1	1
Berwick.....	1	1	2	Richmond.....	-	1	1
Biddeford.....	4	5	9	Ripley.....	1	-	1
Boothbay Harbor.....	-	1	1	Rockland.....	5	2	7
Bowdoin.....	1	-	1	Rockport.....	1	-	1
Bowdoinham.....	1	-	1	Rumford.....	-	1	1
Bremen.....	1	2	3	Rumford Falls.....	1	-	1
Bridgton.....	2	1	3	Saco.....	2	3	5
Brunswick.....	3	1	4	Sanford.....	-	2	2
Cape Elizabeth.....	1	-	1	Scarboro.....	-	1	1
Caribou.....	-	1	1	Shapleigh.....	1	-	1
Clinton.....	1	1	2	Skinner.....	1	-	1
Cornish.....	-	1	1	Skowhegan.....	3	2	5
Cushing.....	1	1	2	Smithfield.....	-	1	1
Dayton.....	1	-	1	Solon.....	1	-	1
Durham.....	1	-	1	So. Berwick.....	1	2	3
Eliot.....	1	2	3	So. Paris.....	-	1	1
Fairfield.....	1	1	2	So. Portland.....	2	-	2
Farmingdale.....	1	1	2	So. Thomaston.....	1	-	1
Farmington.....	3	3	6	St. George.....	1	-	1
Foxcroft.....	1	1	2	Stockholm.....	1	-	1
Gardiner.....	2	5	7	Stonington.....	1	-	1
Gilead.....	1	1	2	Swan's Island.....	1	-	1
Greene.....	1	1	2	Thomaston.....	1	-	1
Hallowell.....	1	-	1	Topsham.....	-	1	1
Hartland.....	-	1	1	Troy.....	1	-	1
Hebron.....	-	1	1	Vassalboro.....	1	-	1
Jackman.....	2	1	3	Waldoboro.....	2	-	2
Jay.....	1	-	1	Waterville.....	7	1	8
Kennebunk.....	3	1	4	Wayne.....	1	-	1
Kingfield.....	1	2	3	Webster.....	2	-	2
Lewiston.....	14	14	28	Wells.....	1	-	1
Lisbon.....	2	2	4	Westbrook.....	1	1	2
Litchfield.....	1	-	1	West Gardiner.....	-	1	1
Livermore Falls.....	-	1	1	West Paris.....	1	-	1
Madison.....	1	1	2	Wilton.....	-	1	1
Mexico.....	-	1	1	Winslow.....	2	-	2
Minot.....	2	-	2	Winthrop.....	-	3	3
Monmouth.....	-	1	1	Wiscasset.....	2	3	5
New Castle.....	1	1	2	Woodstock.....	1	1	2
New Vineyard.....	1	-	1	Yarmouth.....	1	-	1
Norridgewock.....	1	-	1	York.....	-	1	1
No. Anson.....	-	2	2				
				Total.....	148	122	270



TABLE No. 5.  
CIVIL CONDITION OF PERSONS ADMITTED BY COMMITMENT.

	Men.	Women.	Total.
Single.....	71	45	116
Married.....	59	50	109
Widowed.....	9	23	32
Divorced or separated.....	9	4	13
Total.....	148	122	270

TABLE No. 6.  
NATIVITY AND PARENTAGE OF PERSONS ADMITTED BY COMMITMENT.

PLACES OF NATIVITY.	MEN.			WOMEN.			TOTAL.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Maine.....	101	83	87	81	67	66	182	150	153
Other New England States..	15	10	7	10	3	6	25	13	13
Other states.....	3	3	2	2	3	4	5	6	6
Total native.....	119	96	96	93	73	76	212	169	172
OTHER COUNTRIES.									
Austria.....	1	1	1	-	-	-	1	1	1
Canada.....	17	24	23	12	14	13	29	38	36
Denmark.....	1	1	1	1	1	1	2	2	2
England.....	2	4	5	2	3	5	4	7	10
France.....	-	-	-	-	1	-	-	1	-
Germany.....	1	1	1	-	-	-	1	1	1
Greece.....	-	-	-	1	1	1	1	1	1
Ireland.....	2	13	13	10	17	17	12	30	30
Italy.....	2	2	2	-	-	-	2	2	2
Norway.....	1	1	1	-	-	-	1	1	1
Portugal.....	-	-	-	-	1	-	-	1	-
Russia.....	1	3	3	2	2	2	3	5	5
Scotland.....	-	1	1	1	2	1	1	3	2
Sweden.....	1	1	1	-	-	-	1	1	1
Total foreign.....	29	52	52	29	42	40	58	94	92
Unknown.....	-	-	-	-	7	6	-	7	6
Total.....	148	148	148	122	122	122	270	270	270

TABLE No. 7.  
AGES OF INSANE AT FIRST ATTACK, ADMISSION AND DEATH.

AGES.	ADMITTED.						DIED.					
	At first attack.			When admitted.			At first attack.			At time of death.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Congenital . . . . .	13	12	25	-	-	-	1	1	2	-	-	-
15 years and less . . . . .	4	-	4	-	-	-	-	-	-	-	-	-
From 15 to 20 years . . . . .	10	8	18	10	1	11	10	1	11	1	-	1
20 to 25 years . . . . .	13	14	27	12	7	19	13	4	17	14	3	17
25 to 30 years . . . . .	11	12	23	9	13	22	7	4	11	4	3	7
30 to 40 years . . . . .	25	20	45	32	23	55	10	6	16	14	5	19
40 to 50 years . . . . .	36	23	59	29	16	45	14	7	21	12	5	17
50 to 60 years . . . . .	15	14	29	27	26	53	10	10	20	14	11	25
60 to 70 years . . . . .	16	6	22	19	18	37	10	7	17	10	11	21
70 to 80 years . . . . .	4	11	15	7	13	20	3	13	16	7	14	21
Over 80 years . . . . .	1	2	3	3	5	8	-	1	1	3	5	8
Total . . . . .	148	122	270	148	122	270	65	54	119	65	54	119

TABLE No. 8.

PROBABLE CAUSES OF MENTAL DISEASES IN PERSONS ADMITTED BY COMMITMENT.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
				Hereditary Tendency.			Alcoholic Intemperance.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
A.—Physical:—									
Alcoholism . . . . .	12	1	13	3	—	3	12	1	13
Alcoholism and plumbism . . . . .	1	—	1	—	—	—	1	—	1
Arteriosclerosis . . . . .	14	5	19	2	2	4	4	—	4
Blindness and alcoholism . . . . .	1	—	1	—	—	—	1	—	1
Bromidism and menopause . . . . .	—	1	1	—	—	—	—	—	1
Bromidism and epilepsy . . . . .	1	—	1	—	—	—	1	—	1
Bromidism and exhaustion . . . . .	—	1	1	—	—	—	—	—	1
Confinement in prison . . . . .	4	—	4	2	—	2	1	—	1
Childbirth . . . . .	—	1	1	—	—	—	—	—	1
Exhaustion . . . . .	1	—	1	—	—	—	—	—	1
Indeterminate . . . . .	41	30	71	20	25	45	3	1	4
Influenza . . . . .	—	1	1	—	—	—	—	—	1
Menopause . . . . .	—	7	7	—	3	3	—	—	3
Menopause and morphine . . . . .	—	1	1	—	—	—	—	—	1
Menopause and overwork . . . . .	—	1	1	—	—	—	—	—	1
Morphine . . . . .	—	2	2	—	2	2	—	—	2
Morphine and cocaine . . . . .	1	—	1	—	—	—	—	—	1
Morphine and rheumatism . . . . .	1	—	1	—	—	—	—	—	1
Paralysis agitans . . . . .	1	—	1	—	—	—	—	—	1
Pulmonary tuberculosis . . . . .	—	1	1	—	—	—	—	—	1
Pulmonary tuberculosis and alcoholism . . . . .	—	1	1	—	—	—	—	1	1
Senility . . . . .	6	15	21	2	3	5	—	2	2
Somatic disease . . . . .	6	1	7	2	1	3	1	—	1
Syphilis . . . . .	16	5	21	1	1	2	—	—	2
Syphilis and alcoholism . . . . .	9	1	10	1	—	1	9	2	11
Toxæmia . . . . .	—	1	1	—	—	—	—	—	1
Typhoid fever . . . . .	2	—	2	1	—	1	—	—	1
Rheumatism and worry . . . . .	—	1	1	—	—	—	—	—	1
B.—Mental:—									
Congenital defect . . . . .	15	11	26	9	2	11	—	—	—
Constitutional predisposition . . . . .	5	8	13	2	7	9	—	—	—
Epilepsy . . . . .	2	2	4	1	—	1	—	—	—
Faulty environment . . . . .	2	2	4	—	1	1	—	—	—
Hysteria . . . . .	2	—	2	2	—	2	1	—	1
Grief . . . . .	—	1	1	—	1	1	—	—	—
Mental shock . . . . .	—	4	4	—	2	2	—	—	—
Overwork . . . . .	1	—	1	—	—	—	1	—	1
Overwork and worry . . . . .	1	10	11	1	5	6	—	—	—
Worry . . . . .	3	7	10	2	5	7	—	—	—
Total . . . . .	148	122	270	51	60	111	35	7	42

TABLE No. 9.  
 PROBABLE DURATION OF MENTAL DISEASE BEFORE ADMISSION.

PREVIOUS DURATION.	ADMITTED.		
	Men.	Women.	Total.
Congenital.....	13	12	25
Under 1 month.....	29	20	49
From 1 to 3 months.....	22	21	43
3 to 6 months.....	7	11	18
6 to 12 months.....	15	3	18
1 to 2 years.....	28	25	53
2 to 5 years.....	25	12	37
5 to 10 years.....	5	10	15
10 to 20 years.....	-	4	4
Over 20 years.....	4	4	8
Total.....	148	122	270

TABLE No. 10.  
DISCHARGES OF THE INSANE, CLASSIFIED BY ADMISSIONS AND RESULT, AND DEATHS.

NUMBER OF ADMISSIONS.	RECOVERED.			CAPABLE OF SELF SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			AGGREGATES.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
First to this hospital.	19	18	37	11	4	15	10	3	13	3	2	5	52	47	99	95	74	169
Second to this hospital.	6	7	13	-	-	-	1	-	1	-	-	-	10	7	17	18	14	32
Third to this hospital.	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3
Fourth to this hospital.	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1	3	-	3
Fifth to the hospital.	1	1	2	-	-	-	1	-	1	-	-	-	1	-	1	3	1	4
Sixth to this hospital.	4	-	4	-	-	-	-	-	-	-	-	-	1	-	1	5	-	5
Seventh to this hospital.	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Tenth to this hospital.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Total cases.	32	29	61	12	4	16	12	3	15	4	2	6	65	54	119	125	92	217
First admitted to any hospital.	17	18	35	10	4	14	9	3	12	2	1	3	50	47	97	88	73	161

MAINE INSANE HOSPITAL.

TABLE No 11.

DURATION OF MENTAL DISEASE AND ITS TREATMENT IN PATIENTS RECOVERED AND DIED.

PERIOD.	RECOVERED.								
	Duration before Admission.			Hospital Residence.			Whole Duration.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
<b>A.—Recovered:—</b>									
Under 1 month.....	19	10	29	4	—	4	3	—	3
From 1 to 3 months.....	6	10	16	6	6	12	7	1	8
3 to 6 months.....	4	4	8	12	8	20	8	6	14
6 to 12 months.....	2	3	5	4	9	13	6	10	16
1 to 2 years.....	1	1	2	4	2	6	4	6	10
2 to 5 years.....	—	1	1	2	3	5	3	5	8
5 to 10 years.....	—	—	—	—	—	—	1	—	1
10 to 20 years.....	—	—	—	—	1	1	—	1	1
<b>Total.....</b>	<b>32</b>	<b>29</b>	<b>61</b>	<b>32</b>	<b>29</b>	<b>61</b>	<b>32</b>	<b>29</b>	<b>61</b>
	<b>DIED.</b>								
<b>B.—Died:—</b>									
Congenital.....	1	1	2	—	—	—	—	—	—
Under 1 month.....	3	3	6	6	4	10	1	—	1
From 1 to 3 months.....	7	7	14	6	8	14	1	1	2
3 to 6 months.....	7	1	8	11	11	22	—	4	4
6 to 12 months.....	4	4	8	9	7	16	10	1	11
1 to 2 years.....	18	17	35	10	8	18	12	12	24
2 to 5 years.....	16	9	25	9	7	16	18	14	32
5 to 10 years.....	3	6	9	6	4	10	9	11	20
10 to 20 years.....	2	3	5	7	—	7	5	3	8
Over 20 years.....	4	3	7	1	5	6	9	8	17
<b>Total.....</b>	<b>65</b>	<b>54</b>	<b>119</b>	<b>65</b>	<b>54</b>	<b>119</b>	<b>65</b>	<b>54</b>	<b>119</b>



Imbecility.....	5	6	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2
Imbecility, epileptic.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Involuntional melancholia..	2	8	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Manic depressive psychoses	11	13	24	2	12	14	1	1	2	-	2	-	1	1	-	-	-	-	-	-	-	-	-	21
Paranoid states of varied etiologies.....	5	6	11	1	-	1	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	5
Senile dementia.....	5	14	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
Psychoses associated with other diseases:																								
Psycho-neuroses—																								
Epilepsy.....	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Hysteria.....	1	-	1	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Paralysis agitans.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Organic diseases of the brain:																								
Arteriosclerosis.....	13	2	15	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	13
Organic brain disease, unclassified.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Syphilis, cerebral.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Diseases other than nervous.																								
Psychosis associated with somatic disease	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Total.....	115	95	210	17	18	35	10	4	14	9	3	12	2	1	3	-	-	-	-	-	-	-	-	161







TABLE No. 13.  
CAUSES OF DEATH AND FORM OF MENTAL DISEASE IN PERSONS WHO DIED.

CAUSES.	AGGREGATE.			PSYCHOSES WITH CEREBRAL ARTERIO- SCLEROSIS.			DEMENTIA PRAECOX.			DEMENTIA UN- CLASSIFIED.			EPILEPTIC PSYCHOSES.			GENERAL PARALYSIS.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
General and infectious diseases:																		
Pellagra.....	2	-	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Carcinoma of neck.....	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Diseases of the nervous system:																		
Cerebral hemorrhage.....	5	5	10	1	-	1	-	-	-	-	2	2	-	-	-	3	2	5
Epileptiform convulsions.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Exhaustion.....	18	10	28	-	-	-	-	-	-	1	1	2	3	-	3	10	6	16
Meningitis.....	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Status epilepticus.....	2	-	2	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
Diseases of the circulatory system:																		
Arteriosclerosis and exhaustion.....	3	4	7	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-
Aneurysm of aorta, rupture of.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cardiac valvular disease.....	3	8	11	-	-	-	1	3	4	-	1	1	1	-	1	-	-	-
Dilatation of heart, acute.....	2	1	3	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-
Rupture of ventricle.....	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the respiratory system:																		
Broncho pneumonia.....	8	6	14	2	-	2	2	1	3	1	1	2	-	-	-	-	-	-
Hypostatic pneumonia.....	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lobar pneumonia.....	6	1	7	1	-	1	1	-	1	-	-	-	-	-	-	2	1	3
Pulmonary tuberculosis.....	3	5	8	-	-	-	3	3	6	-	-	-	-	-	-	-	-	-
Tubercular empyema.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system:																		
Carcinoma of liver.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteritis, acute and chronic.....	2	7	9	1	2	3	1	1	2	-	2	2	-	-	-	-	-	-
Peritonitis, acute.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gastritis, chronic.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the genito-urinary system:																		
Nephritis, chronic interstitial.....	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis, chronic parenchymatous.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External causes:																		
Suicide by hanging.....	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Totals.....	65	54	119	9	4	13	14	9	23	2	7	9	6	-	6	16	11	27

TABLE No. 13—CONCLUDED.  
CAUSES OF DEATH AND FORM OF MENTAL DISEASE IN PERSONS WHO DIED—CONCLUDED.

CAUSES.	IMBECILITY.			INFECTION— EXHAUSTION PSYCHOSES.			MANIC DEPRESSIVE PSYCHOSES.			ORGANIC BRAIN DISEASES.			SENILE DEMENTIA.			UNCLASSI- FIED.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
General and infectious diseases:																		
Pellagra.....				1		1												
Carcinoma of neck.....																		
Diseases of the nervous system:																		
Cerebral hemorrhage.....												1	1		1		1	
Epileptiform convulsions.....																		
Exhaustion.....				1		1	2		2			1	3	4				
Meningitis.....										1		1						
Status epilepticus.....																		
Diseases of the circulatory system:																		
Arteriosclerosis and exhaustion.....																2		2
Aneurysm of aorta, rupture of.....													1	1				
Cardiac valvular disease.....							1	2	3				2	2				
Dilatation of heart, acute.....								1	1									
Rupture of ventricle.....																		
Diseases of the respiratory system:																		
Broncho pneumonia.....							1		1	1	1	2		1	1	1		1
Hypostatic pneumonia.....												1		2				3
Lobar pneumonia.....																		
Pulmonary tuberculosis.....					2	2												
Tubercular empyema.....		1	1															
Diseases of the digestive system:																		
Carcinoma of liver.....							1		1									
Enteritis, acute and chronic.....													2	2				
Peritonitis, acute.....	1		1														1	1
Gastritis, chronic.....																		
Diseases of the genito-urinary system:																		
Nephritis, chronic interstitial.....												1		1		1		1
Nephritis, chronic parenchymatous.....													1	1				
Total.....	1	1	2	2	2	4	5	3	8	3	1	4	2	13	15	5	3	8

## MEDICAL DISEASES AMONG THE INSANE.

DISEASES.	Men.	Women.	Total.
Arthritis . . . . .	3	3	6
Aortic insufficiency . . . . .	2	3	5
Acute dilation of heart . . . . .	2	1	3
Bronchitis, acute . . . . .	38	9	47
Broncho-pneumonia . . . . .	4	6	10
Blepharitis, chronic . . . . .	-	1	1
Cerebral hemorrhage . . . . .	6	4	10
Cerebral arteriosclerosis . . . . .	8	5	13
Coryza . . . . .	109	17	126
Constipation, chronic . . . . .	21	29	50
Carcinoma of uterus . . . . .	-	1	1
Carcinoma of stomach and liver . . . . .	1	-	1
Cystitis, chronic . . . . .	5	2	7
Conjunctivitis, acute . . . . .	12	5	17
Conjunctivitis, chronic . . . . .	2	3	5
Dysmenorrhea . . . . .	-	7	7
Dacryocystitis . . . . .	-	1	1
Dermatitis . . . . .	-	1	1
Epilepsy . . . . .	2	-	2
Endocarditis, chronic . . . . .	1	2	3
Enteritis, chronic . . . . .	-	2	2
Enteritis, acute . . . . .	31	27	58
Entero-colitis . . . . .	4	5	9
Eczema . . . . .	4	5	9
General Paralysis . . . . .	14	6	20
Gastritis, acute . . . . .	5	2	7
Gastritis, chronic . . . . .	6	3	9
Gingivitis . . . . .	1	-	1
Hypostatic pneumonia . . . . .	2	3	5
Herpes, labialis . . . . .	-	1	1
Influenza . . . . .	22	4	26
Indigestion, acute . . . . .	15	4	19
Iritis . . . . .	-	1	1
Lumbago . . . . .	4	2	6
Laryngitis . . . . .	3	7	10
Lobar pneumonia . . . . .	3	5	8
Mitral insufficiency . . . . .	19	7	26
Measles . . . . .	5	35	50
Migraine . . . . .	-	3	3
Neuralgia . . . . .	3	6	9
Neuralgia, facial . . . . .	3	4	7
Nephritis, chronic . . . . .	17	9	26
Orchitis, chronic . . . . .	2	-	2
Purpura hemorrhagica . . . . .	1	-	1
Pharyngitis . . . . .	5	4	9
Pulmonary tuberculosis . . . . .	7	8	15
Psoriasis . . . . .	1	-	1
Rupture of aneurysm . . . . .	-	2	2
Rupture of heart . . . . .	1	-	1
Rheumatism . . . . .	21	7	28
Seborrhea . . . . .	1	-	1
Tonsillitis . . . . .	10	14	24
Tonsillitis, acute follicular . . . . .	1	3	4
Uterine hemorrhage . . . . .	-	3	3
Total medical cases . . . . .	437	282	719

## SURGICAL DISEASES AMONG THE INSANE.

DISEASES.	Men.	Women.	Total.
Abrasion of thigh.....	—	2	2
Abrasion o. hand.....	2	2	4
Abrasion of elbow.....	1	1	2
Abscess of foot.....	1	2	3
Abscess, perineal.....	—	2	2
Abscess, pharyngeal.....	2	3	5
Abscess of neck.....	1	6	10
Abscess of back.....	3	7	10
Adenitis, cervical.....	—	1	1
Burn of hand.....	2	—	2
Cellulitis of scalp.....	—	1	1
Carbuncle of neck.....	2	2	4
Dislocation and fracture of hip.....	—	2	2
Dislocation of thumb.....	—	1	1
Dislocation of jaw.....	—	1	1
Erysipelas.....	5	2	7
Fractured femur.....	2	6	8
Fracture, Colle's.....	3	1	4
Fracture of radius.....	—	1	1
Fracture of metacarpal bones.....	—	2	2
Fracture of ulnar.....	—	2	2
Frost bite of toes.....	1	—	1
Furuncle of leg.....	3	—	3
Furuncle of arm.....	4	—	4
Furunculosis.....	7	3	10
Hemorrhoids.....	6	5	11
Injury of arm.....	2	—	2
Injury to face.....	7	4	11
Injury to ankle.....	1	—	1
Lacerated finger.....	4	1	2
Otitis media, chronic.....	1	2	3
Peritonitis.....	1	—	1
Prolapse of rectum.....	—	3	3
Paronychia.....	2	8	10
Septic hands.....	12	—	12
Septic wrist.....	2	1	3
Septic foot.....	4	4	8
Septic finger.....	6	8	14
Scalp wound.....	13	7	20
Sprained knee.....	2	—	2
Sprained ankle.....	2	1	3
Sprained thumb.....	1	—	1
Varicose ulcer.....	8	1	9
Wound of hand.....	4	2	6
Wound of neck.....	2	1	3
Wound of finger.....	2	1	3
Total surgical cases.....	124	99	223
Total medical cases.....	437	282	719
Total medical and surgical cases.....	561	381	942

TABLE No. 14.

SHOWING THE OPERATION OF THE HOSPITAL FROM ITS COMMENCEMENT TO THE PRESENT TIME.

YEAR.	Admitted.	Discharged.	Whole number under treatment.	Not insane.	Recovered.	On six months' trial visit, Nov. 30.	Capable of self support.	Improved.	Not improved.	Died.	Greatest number in hospital on any day.	Least number in hospital on any day.	Remaining at end of year.	DAILY AVERAGE NUMBER OF PATIENTS.		
														Men.	Women.	Total.
1840-1	105	79	133	-	33	-	-	20	20	6	70	28	54	-	-	48
1841-2	87	76	141	-	36	-	-	16	18	6	73	50	65	-	-	62
1842-3	82	79	147	-	31	-	-	27	17	4	72	58	68	-	-	65
1843-4	83	75	151	-	32	-	-	18	22	3	79	65	76	-	-	70
1844-5	99	90	175	-	38	-	-	22	23	7	89	72	85	-	-	80
1845-6	102	87	187	-	46	-	-	22	14	5	107	79	100	-	-	93
1846-7	124	100	224	-	53	-	-	17	20	10	125	98	124	-	-	105
1847-8	128	125	252	-	60	-	-	31	14	20	135	117	127	-	-	112
1848-9	123	123	250	-	60	-	-	28	17	18	135	118	127	-	-	126
1849-50	126	109	253	-	58	-	-	20	16	15	148	126	144	-	-	137
1850-1	90	102	234	-	51	-	-	40	52	39	155	52	52	-	-	75
1851-2	105	72	157	-	36	-	-	11	16	9	84	52	84	-	-	75
1852-3	124	89	208	-	45	-	-	14	15	15	119	84	119	-	-	109
1853-4	110	114	229	-	49	-	-	15	18	32	119	114	115	-	-	109
1854-5	128	88	243	-	41	-	-	14	14	19	155	114	155	-	-	134
1855-6	149	114	304	-	54	-	-	22	19	19	194	151	190	-	-	167
1856-7	144	126	334	-	69	-	-	24	19	14	215	190	208	-	-	204
1857-8	126	126	334	-	59	-	-	25	18	24	225	205	208	-	-	213
1858-9	149	120	357	-	58	-	-	22	23	17	240	205	205	-	-	222
1859-60	136	133	373	-	63	-	-	22	17	31	246	227	337	-	-	236
1860-1	135	123	375	-	55	-	-	25	16	27	255	239	340	-	-	248
1861-2	125	119	377	-	57	-	-	24	19	19	283	244	358	-	-	254
1862-3	118	111	376	-	52	-	-	21	14	24	266	242	365	-	-	254
1863-4	124	135	389	-	49	-	-	22	11	53	273	247	363	-	-	263
1864-5	142	119	396	-	47	-	-	25	23	24	282	254	377	-	-	272
1865-6	135	136	412	-	61	-	-	29	13	33	287	267	377	-	-	291
1866-7	150	123	426	-	54	-	-	27	11	31	303	276	393	-	-	319
1867-8	165	129	468	-	63	-	-	23	16	27	341	302	339	-	-	319

1868-9	150	152	489	68	28	14	42	351	332	337	342
1869-70	130	122	467	48	19	18	37	348	330	345	339
1870-1	174	151	519	58	28	21	44	376	345	368	363
1871-2	202	177	570	79	34	19	45	404	368	393	385
1872-3	200	182	593	83	36	20	43	416	388	411	400
1873-4	189	207	600	61	33	61	52	420	393	393	406
1874-5	188	178	581	68	31	27	52	408	389	403	39
1875-6	186	184	589	68	33	31	52	408	384	405	398
1876-7	194	183	599	74	35	28	46	423	397	416	411
1877-8	188	186	604	56	45	37	48	423	406	418	415
1878-9	196	195	614	53	52	60	30	432	399	419	415
1879-80	188	171	607	57	33	43	38	439	390	436	412
1880-1	215	201	651	56	57	42	46	453	426	450	442
1881-2	194	183	644	71	35	34	43	465	433	461	449
1882-3	208	205	669	53	42	22	88	467	430	464	450
1883-4	203	207	667	59	31	16	101	472	443	460	454
1884-5	249	223	709	80	54	12	77	488	457	486	474
1885-6	231	189	717	66	56	7	60	543	484	528	506
1886-7	226	202	754	82	52	14	54	556	527	552	543
1887-8	250	224	802	76	48	19	81	600	552	578	580
1888-9	225	223	803	65	60	22	76	599	561	580	579
1889-90	253	207	833	65	52	17	73	634	577	626	612
1890-1	245	198	876	63	47	18	70	677	626	673	649
1891-2	269	257	942	71	72	25	89	697	669	685	685
1892-3	287	301	972	75	83	55	88	714	671	671	693
1893-4	284	275	955	84	51	36	104	706	668	680	680
1894-5	274	248	954	95	54	34	65	712	680	706	698
1895-6	240	237	946	58	70	29	80	717	690	709	703
1896-7	255	251	964	52	95	33	81	737	710	713	722
1897-8	234	214	947	42	76	35	61	740	708	733	727
1888-9	249	235	982	48	37	21	103	771	732	747	747
1889-1900	273	249	1020	61	49	32	107	782	748	771	764
1900-1901	206	377	977	66	92	117	102	776	600	600	702
1901-1902	203	172	803	46	28	16	82	631	596	631	607
1902-1903	209	176	840	57	31	17	77	668	629	664	646
1903-1904	200	160	864	49	23	11	77	710	663	704	689
1904-1905	210	201	914	63	38	11	89	728	701	713	710
1905-1906	278	185	991	47	13	22	90	809	712	806	739
1906-1907	249	227	1054	48	35	40	104	844	803	827	822
1907-1908	235	220	1062	60	22	22	94	863	830	842	846
1908-1909	275	215	1117	57	17	21	101	917	842	902	888
1909-1910	309	276	1211	47	33	27	47	911	865	902	890
1910-1911	307	300	1209	58	31	18	19	922	857	872	879
1911-1912	312	281	1184	61	57	16	15	926	870	903	903
									500	390	
									473	406	
									480	423	



## STEWARD AND TREASURER'S REPORT.

*To the Trustees of the Maine Insane Hospital:*

I herewith present my report of the financial affairs of the Maine Insane Hospital for the year ending November 30, 1912.

### TOTAL RECEIPTS AND DISBURSEMENTS OF CASH FOR THE YEAR ENDING NOVEMBER 30 1912

Dr.		
Balance of cash on hand, December 1, 1911.....	\$1,831 33	
Received from cities, towns and individuals for the support of patients.....	38,344 10	
Received from the State of Maine, account appropriation for maintenance and support of Insane State Beneficiaries, 1911.....	27,061 38	
Received from the State of Maine, account appropriation for maintenance and support of Insane State Beneficiaries, 1912.....	155,659 70	
Received from the State of Maine, account Coburn Fund.....	2,000 00	
Received account Orne Fund, interest on note.....	50 00	
Received from investment, account Library Fund.....	328 96	
Received sundry items.....	3,361 61	\$228,636 38
Cr.		
Disbursements, account hospital general expenses.....	\$223,180 20	
Disbursements, account Coburn Fund.....	2,234 17	
Disbursements, account Library Fund.....	444 63	
Disbursements, account Orne Fund.....	39 55	
Disbursements, account building slaughter house.....	853 35	
Balance of cash on hand, December 1, 1912.....	1,884 48	\$228,636 38



## STATEMENT OF OPERATING INCOME AND EXPENSES FOR YEAR ENDING

NOVEMBER 30, 1912—Concluded.

Farm,	Labor.....	\$5,708 91		
	Equipment, tools, etc.....	446 83		
	Repairs of equipment.....	527 30		
	Feed.....	3,869 51		
	Heating.....	348 97		
	Miscellaneous.....	156 98	11,058 50	
Stable,	Labor.....	\$664 50		
	Equipment.....	224 37		
	Repairs of equipment.....	353 15		
	Horses.....	647 50		
	Feed.....	376 21		
	Hay.....	221 61		
	Heating.....	53 91		
	Miscellaneous.....	317 98	2,859 23	
Hog Dep't,	Labor.....	\$851 32		
	Supplies.....	661 38		
	Heating.....	179 28	1,691 98	
Greenhouse,	Labor.....	\$696 00		
	Supplies.....	160 73		
	Repairs.....	27 80	884 53	
Laundry,	Labor.....	\$3,125 67		
	Supplies.....	281 80		
	Repairs.....	156 46	3,563 93	
Crusher,	Labor.....		14 28	
Garden Dep't,	Labor.....	\$1,506 11		
	Seeds.....	90 00		
	Fertilizer.....	219 00	1,815 11	
Administration Expenses:				
	Surety bonds.....	\$55 00		
	Clerk hire.....	3,549 78		
	Telephone and telegraph.....	527 49		
	Postage, stationery and printing.....	1,372 41		
	Traveling expenses.....	304 55	5,809 23	
Freight and trucking.....			806 61	
Library books, etc.....			161 01	
Patients' clothing, etc.....			8,713 73	
Uncollectible patients' accounts.....			4,151 91	
Coburn Fund amusements.....			\$2,234 17	
Library Fund expenses.....			444 63	
Orne Fund amusements.....			39 55	
Helen A. Gilman legacy.....			50 00	
Joseph H. Williams legacy.....			40 00	
Chase Island Hospital:				
	Salary of caretaker and physicians.....	\$930 57		
	Pay roll of employees.....	783 47		
	Food supplies.....	2,238 10		
	Furnishings.....	229 09		
	Fuel.....	353 64		
	Repairs.....	890 01		
	Express, freight and telephone.....	77 56		
	Traveling expenses.....	648 72	6,151 16	\$247,017 25

STATEMENT OF ASSETS AND LIABILITIES, NOVEMBER 30, 1912.

ASSETS.			
Inventories, viz			
House furnishings	\$68,798 63		
Dry goods store	10,408 60		
Grocery store	10,227 50		
Coal purchase	12,187 50		
Dispensary department	2,863 73		
Oil	25 21		
Repairs material	18,016 56		
Insurance	390 88		
Fire equipment	1,488 60		
Farm equipment	5,072 98		
horses	2,550 00		
cows	1,230 00		
other live stock	2,310 00		
hay	4,954 20		
feed	2,647 25		
fertilizer, seeds, etc.	4,493 59		
miscellaneous	185 98		
Garden department	1,468 19		
Stable equipment	2,343 29		
horses	625 00		
feed	138 19		
hay	18 10		
Postage, stationery, etc.	604 25		
Hog department	3,623 00		
Hog supplies	49 95		
Greenhouse	1,855 03		
Canned fruits, etc.	1,147 55	\$159,723 76	
Real estate, viz:			
Norton House, purchased 1896	\$900 00		
Hoyt House, purchased 1890	2,500 00		
Severance Farm, purchased 1893	2,000 00		
Thorne Farm, purchased 1893	4,500 00		
Greenhouse rebuilt in 1910	1,500 00		
Slaughter house and rendering apparatus, 1910-1912	1,000 00	12,400 00	
Accounts receivable (Eastern Maine Insane Hospital)	\$2,377 49		
(Sundry persons)	780 30		
(Support of patients)	27,502 39	30,660 18	
Invested funds, viz:			
Orne Fund	\$1,000 00		
Robie Library Fund	2,000 00		
Library Fund	3,200 00		
Coburn Fund	50,000 00	56,200 00	
Profit and loss, loss in operating year 1910:			
Interest on borrowed money	\$1,304 18		
Renovation Supt's rooms \$2,626 48			
Less amount allowed by State			
Auditor 980 92	1,645 56	2,949 72	
Profit and loss, loss in operating year 1911:			
Interest paid on overdue accounts		659 00	
Due from State of Maine:			
Helen A. Gilman legacy	\$50 00		
Joseph W. Williams legacy	40 00		
Ex. Gov. Robie's bequest	140 00		
Maintenance and support	5,735 59	5,965 59	
Appropriation maintenance and support of Insane State Beneficiaries, unexpended		30,905 41	
Cash on hand November 30, 1912		1,884 48	\$301,348 14

## STATEMENT OF ASSETS AND LIABILITIES NOVEMBER 30, 1912—Concluded

LIABILITIES.			
Hospital account A.....	\$97,813 82		
Unavailable assets B.....	82,304 13	\$180,117 95	
Fund accounts, viz:			
Orne Fund.....	\$1,000 00		
Robie Library Fund.....	2,000 00		
Library Fund.....	3,200 00		
Coburn Fund.....	50,000 00	56,200 00	
Accounts payable (audited vouchers).....		31,055 07	
Orne Fund Income Account.....	\$35 20		
Library Fund Income Account.....	166 29		
Coburn Fund Income Account.....	1,778 22		
Helen A. Gilman legacy.....	50 00		
Joseph H. Williams legacy.....	40 00	2,069 71	
Note payable (Orne Fund).....		1,000 00	
Appropriation Accounts, unexpended, viz:			
Maintenance and support of Insane State Beneficiaries		30,905 41	\$301,348 14

## STATEMENT OF APPROPRIATIONS, MAINE INSANE HOSPITAL.

APPROPRIATIONS FOR	Years.	Amount.	Expenditures to Nov. 30, 1912.	Expenditures to Dec. 31, 1912.	Unexpended reverts to State, Jan. 1, 1913.
Maintenance and support..	1911	\$15,138 12	\$15,138 12		
Maintenance and support..	1912	192,300 00	161,394 59	\$24,307 26	\$6,598 15
		\$207,438 12	\$176,532 71	\$24,307 26	\$6,598 15

Very respectfully submitted,

MANNING S. CAMPBELL,

*Steward and Treasurer.*

## MAINE INSANE HOSPITAL.

*Physical Valuation.*

Centre Building, Granite.....	\$140,000 00
First Male Wing, Granite.....	86,000 00
First Female Wing, Granite .....	80,000 00
Second Male Wing, Granite.....	66,000 00
Second Female Wing, Granite.....	115,000 00
Third Male Wing, Granite .....	70,000 00
Third Female Wing, Granite.....	70,000 00
Rear Centre Building and Addition, Brick.....	115,000 00
Male Pavilion, Brick.....	62,000 00
Female Pavilion, Brick .....	62,000 00
Harlow Wing, Brick .....	87,000 00
Sanborn Wing, Brick.....	87,000 00
Connecting Corridors, Brick .....	20,000 00
Chapel Building, Brick.....	20,000 00
Band Stand, Wood .....	300 00
Laundry, Power House, and Coal Pocket.....	125,000 00
Coal Hauling Tramway, (Bleichert System)....	10,000 00
Infirmery .....	7,000 00
Greenhouse and Granite Potting House.....	5,000 00
Carpenter Shop, Brick .....	10,000 00
Blacksmith Shop, etc., Brick .....	5,000 00
Brick Cow Barn and Connecting Barns.....	32,000 00
Campbell Barn, Wood .....	20,000 00
Vegetable Cellar, Wood .....	5,000 00
Horse Stable, Wood .....	3,000 00
Old Carpenter Shop, Wood.....	800 00
Old Ice House, Wood.....	500 00
Tool House, Wood .....	650 00
Hose House, Wood .....	500 00
Gate House, Brick .....	300 00
Piggery and Sheds, Wood .....	12,000 00
Slaughter House and Rendering Plant.....	3,000 00
Quarry Blacksmith Shop, Wood.....	100 00
Summer House, Wood .....	200 00
Pond Barn, Wood .....	750 00
North Thorne Barn, Wood .....	1,750 00
South Thorne Barn, Wood .....	650 00
North Severance Barn, Wood .....	750 00
South Severance Barn, Wood .....	750 00
Brick Farm House .....	7,500 00
Norton House .....	1,500 00
Allen House .....	3,000 00
Allen House Stable .....	240 00
Thorne House .....	3,000 00

Grounds and Farm .....	60,000 00
Wharf .....	7,500 00
Spring .....	1,000 00
Reservoir .....	6,000 00
Roads and Sidewalks .....	20,000 00
Sewers .....	12,000 00
Hydrants and Water Pipes.....	20,000 00
Heating Plant, Boilers, Main Steam Pipes and Returns .....	40,000 00
	\$1,506,740 00

*United States Arsenal Property Ceded to the State of Maine for the  
Purposes of the Insane March 3, 1905.*

Burleigh Pavilion, Granite.....	\$130,000 00
Burleigh, Annex, Granite.....	27,500 00
Criminal Insane Building, Granite.....	68,000 00
Commander's House Arsenal, Granite.....	20,000 00
Guard House, Granite .....	10,000 00
Sergeant's House, Tenement Number 1, Granite	20,000 00
Sergeant's House, Number 2, Granite.....	18,000 00
Wood Tenement on Arsenal.....	1,500 00
Stable on Arsenal, Wood .....	1,500 00
Hen House, Wood .....	150 00
Large Magazine, Granite .....	12,000 00
Small Magazine, Granite .....	3,000 00
Coburn Park Summer House, Wood .....	1,500 00
Coburn Park Fence .....	500 00
Grounds and Fence .....	30,000 00
	\$343,650 00
Total Physical Valuation .....	\$1,850,390 00

## GARDEN PRODUCTS FOR THE YEAR 1912.

48 Barrels Apples	446 Bunches Lettuce
50 Bushels Cider Apples	82½ Bushels Lettuce
25,006 Pounds Beets	7,452 Pounds Onions
88 Bushels Beet Greens	1½ Bushels Pears
9 Bushels Crab Apples	2,980 Pounds Parsnips
84 Bushels Cucumber Pickles	3,396 Pounds Rhubarb
19,653 Pounds Cabbage	1,595 Bunches Radish
7,065 Pounds Carrots	89 Boxes Raspberries
5,000 Heads Celery	72 Bushels Spinach
22,723 Ears Corn	24,331 Pounds Squash
12,836 Cucumbers	320 Boxes Strawberries
593 Pounds Currants	17 230-2000 Tons Sweet Corn Fod- der
144 Bushels Endives	56,160 Pounds Turnips
72 Bushels Green Peas	7,218 Pounds Tomatoes
226½ Bushels Green Beans	

## FARM PRODUCTS FOR THE YEAR 1912.

15,099 Pounds Beef	291,404 Pounds Milk
354 Pounds Bull Hides	8 330-2000 Tons Millet
5,319 Pounds Cow Hides	4 Tons Oats (Un- thrashed)
5 20-2000 Tons Cow Beets	1,033 Pounds Pea Beans
261 530-2000 Tons Ensilage	4,850 Bushels Potatoes
6,000 Pounds Fertilizer (Bone Meal)	1 4-5 Tons Rye (Un- thrashed)
5,600 Pounds Fertilizer (Tankage)	3 730-2000 Tons Rye (Green)
10,000 Pounds Fertilizer (Unrendered)	76 Pounds Tongue
88 Sets Heads and Feet	284 Pounds Tallow
456 Pounds Hearts and Liver	2,415 Pounds Veal
381 Tons Hay	216½ Pounds Veal Hides
10 1950-2000 Tons Second Crop Hay	20,126 Pounds Pork from Hog Department



ARTICLES MADE IN SEWING ROOM DURING THE YEAR  
ENDING NOVEMBER 30, 1912.

35 Aprons	458 Bags, Clothes
20 Bags, Laundry	91 Bags, Coffee
6 Bags, Sand	1 Bag, Mail
16 Bags, Provision	1 Bag, Vacuum Cleaner
1 Bag, Game	11 Bureau Covers
2 Binders, Abdominal	2 Binders, Breast
12 Camisoles	132 Camisole Strings
34 Curtains	140 Coats
9 Covers, Furniture	140 Dresses
5 Dress Skirts	22 Dusters
12 Dish Cloths	24 Diapers
203 Frocks	7 Gowns
4 Kimonos	4 Mangle Covers
1 Mat, Rubber	3 Nightdresses
3 Napkins	254 Overalls
3 Pads, Ink	4 Pads, Step
2 Pillow Slips	18 Strainer Cloths
16 Shirts	24 Shades, Eye
102 Suspenders, Pairs	9 Sheets, Rubber
5 Skirts	28 Sheets
2 Suits, Infant	37 Tablecloths
6 Tub Hammocks	5 Towels, Roller
7 Towels, Hand	163 Uniform Waists
107 Uniform Skirts	4 Waists, Shirt
8 Waists, Strong	65 Waists or Corset Covers
46 Uniform Waists cut for House Girls	42 Uniform Skirts cut for House Girls

## ARTICLES CUT IN SEWING ROOM FOR THE INDUSTRIAL DEPARTMENT DURING THE YEAR ENDING NOVEMBER

30, 1912.	
174 Aprons	3551 Sheets
629 Aprons	473 Shirts
4544 Bandages	2 Shirt Collars
159 Bureau Covers	571 Skirts
586 Bags, Christmas	17 Sleeves
46 Cooks' Caps	2396 Towels, Hand
39 Chemise	797 Towels, Roller
485 Pairs Drawers	173 Tablecloths
456 Kerchiefs	109 Tray Cloths
149 Napkins	309 Uniform Aprons
876 Nightdresses	20 Uniform Bibs (extra)
126 Nightshirts	822 Wrappers
1621 Pillow Slips	

## ARTICLES REPAIRED IN SEWING ROOM DURING THE YEAR ENDING NOVEMBER 30, 1912.

34 Aprons	1 Flag
2 Blankets Bound	1 Pillow
2 Buffaloes Pinked	2 Portiers
26 Curtains	20 Rugs
2 Coffee Bags	3 Spreads
746 Dresses	7 Tub Hammocks
5 Dress Skirts	1 Tablecloth

## ARTICLES MADE IN THE INDUSTRIAL DEPARTMENT DURING THE YEAR ENDING NOVEMBER 30, 1912.

617 Aprons	1619 Pillow Slips
4544 Bandages	3551 Sheets
10 Braided Rugs	449 Shirts
159 Bureau Covers	571 Skirts
568 Bags, Christmas	926 Stockings Knit (male)
10 Carpet Yds.	374 Stockings Knit (female)
46 Cooks' Caps	173 Tablecloths
39 Chemises	4 Tatting Doilies
481 Pairs Drawers	2394 Towels, Hand
1 Hooked Rug	797 Towels, Roller
456 Kerchiefs	109 Traycloths
12 Knotted Twine Doilies	289 Uniform Aprons
35 Lace Yds.	19 Uniform Bibs (extra)
149 Napkins	811 Wrappers
876 Nightdresses	32 Woven Rugs
120 Nightshirts	

ARTICLES REPAIRED IN THE INDUSTRIAL DEPARTMENT  
DURING THE YEAR ENDING NOVEMBER 30, 1912.

288 Aprons	2428 Men's Drawers
230 Coats	4909 Men's Hose
2980 Cooks' Aprons	220 Nightshirts
474 Clothes Bags	1148 Nightdresses
246 Corset Covers	271 Overalls
70 Frocks	540 Sheets
1596 Ladies' Drawers	313 Spreads
1225 Ladies' Undervests	1425 Skirts
3321 Ladies' Hose	2660 Shirtwaists
2428 Men's Shirts	356 Tablecloths
1516 Men's Undershirts	1859 Wrappers

ARTICLES REPAIRED IN MENDING ROOM DURING THE  
YEAR ENDING NOVEMBER 30, 1912.

127 Aprons	47 Overcoats
1850 Bags, Clothes	1562 Pants
60 Bed Spreads	17 Pillow Slips
225 Canvas Suits	23 Sheets
554 Coats	30 Sheets, special
27 Caps	362 Shirts
74 Pairs Drawers	4 Slippers
20 Frocks	5 Strong Dresses
4 Hats	91 Tablecloths
115 Hose	421 Vests
3 Mittens	396 Pairs Hose Knit
17 Neckties	1119 Pairs Hose
122 Overalls	

BROOMS MADE IN FACTORY DURING THE YEAR ENDING  
NOVEMBER 30, 1912.

75½ Doz. Brooms	7 5-12 Doz. Whisks
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Eastern Maine Insane Hospital

**REPORT**

**OF THE**

**Resident Officers and Visiting Committee**

**OF THE**

**EASTERN MAINE INSANE HOSPITAL**

**December 1, 1912**

## OFFICERS OF THE HOSPITAL.

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### RESIDENT OFFICERS.

FREDERICK L. HILLS, M. D., Superintendent.  
FORREST C. TYSON, M. D., Assistant Superintendent.  
\_\_\_\_\_, M. D., Second Assistant Physician.  
HERBERT E. THOMPSON, M. D., Pathologist.  
WILLIAM THOMPSON, Steward and Treasurer.  
MRS. ANNIE E. EDDY, Matron.

### DENTIST.

DR. H. C. FROST, Bangor.

### CHAPLAINS.

REV. ALVA ROY SCOTT  
REV. W. L. LOTT.  
REV. P. J. GARRITY.  
MR. ROBERT A. JORDAN.

### SUPERINTENDENT OF NURSES.

MRS. LEAH A. CHADSEY.

### SUPERVISORS.

#### *Female.*

MISS MARY C. CARROLL, Assistant Supervisor.  
MISS MAUDE BULMER, Night Supervisor.

#### *Male.*

EDWARD W. BRAILEY.  
ROBERT D. REID, Assistant Supervisor.  
SAMUEL MARSH, Night Supervisor.

S. WILBUR FISKE, Engineer.  
EDWIN A. LINNELL, Hospital Clerk.  
MISS FLORA E. ELLIS, Assistant Hospital Clerk.  
MRS. LILLIAN I. GOODRICH, Superintendent's Clerk.  
MRS. ESTELLA M. HUGHES, Assistant Clerk.  
FRANK W. GOODRICH, Store Clerk.  
GEORGE WARE, Head Farmer.

## SUPERINTENDENT'S REPORT.

*To the Board of Hospital Trustees:*

I have the honor to submit the following report of the operations of the Eastern Maine Insane Hospital for the year ending November 30, 1912.

	Men.	Women.	Total.
Patients in hospital December 1, 1911.....	274	235	509
On visit December 1, 1911.....	23	27	50
Admitted within the year.....	111	80	191
Viz: by commitment.....	104	76	180
by transfer.....	3	-	3
from visit.....	4	4	8
Whole number of cases within the year.....	408	342	750
Dismissed within the year.....	112	85	197
Viz: discharged.....	48	40	88
as recovered at time of leaving hospital.....	16	11	27
as capable of self-support.....	8	4	12
as improved.....	15	15	30
as not improved.....	8	10	18
as not insane.....	1	-	1
Died.....	40	21	61
On visit November 30, 1912.....	24	24	48
Patients remaining November 30, 1912.....	296	257	553
Viz: supported as State patients.....	271	216	487
in full by relatives.....	3	8	11
in part by relatives.....	9	14	23
private means.....	13	19	32
Number of different persons within the year.....	408	341	749
different persons admitted.....	111	80	191
different persons admitted by commitment.....	107	75	182
different persons dismissed.....	112	85	197
persons recovered.....	16	11	27
persons discharged, capable of self-support.....	8	4	12
Daily average number of patients.....	285.1	240.5	525.6

### ADMISSIONS.

One hundred and seventy-five patients were admitted on the regular commitments, five were committed by order of the Superior Court for observation, three were transferred from the hospital at Augusta to enter the tubercular ward and eight who were away from the hospital at the end of the last year were returned for further treatment. There has been an increase of 44 in the population of the hospital during the year,



this increase being equally divided among the men and the women. The number of original commitments to this hospital was three less than last year and the number of first admissions to any hospital was 147 compared with 159 during 1911. Nineteen per cent of those admitted had previously been in this or some other hospital for the insane. The daily average population was 525.6, an increase of 48.4 during the year. Among the probable causes of insanity in those admitted, we found heredity as the predisposing cause in 46% of all cases and alcoholic intemperance as a factor in the causation of 44% of the men. But one woman was admitted who gave a history of alcoholic intemperance. The other common causes of insanity were arterio-sclerosis, syphilis, senility, domestic incompatibility, congenital deficiency and epilepsy.

Two cases of pellagra were admitted, these being the first recorded cases in this institution. The diagnosis of some form of alcoholic psychosis was made in 14% of the male cases. Paresis was the diagnosis in 14% of all original commitments. Of the men first admitted, paresis was the diagnosis in 22% (20 cases). In Table 10, will be found a complete classification of the cases admitted with the diagnosis in cases discharged and the condition on discharge. An examination of the nativity table shows that 21% of the men and 15% of the women were alien born. Seventy-two per cent of the men and 81% of the women first admitted were born in the State of Maine. Out of 131 first admissions, in which the probable duration of insanity before commitment of the patient could be determined, the duration was found to be less than six months in but 34%. Table 13 shows that 63% of those who recovered were insane less than six months before admission and 89% of those who recovered were in the hospital less than six months. These figures serve to emphasize the fact that early recognition and early institution of proper treatment is essential to bring about recovery in the various insanities as well as in tuberculosis or other bodily diseases.

#### RESULTS OF TREATMENT.

During the year 54 men and 46 women were granted parole, in many cases the privilege being granted for a few days only

to convalescing patients. Thirty of this number remained at home and were discharged. Eight patients, who were out on parole at the end of the last year, returned for further treatment and 48 of those paroled during the year were still out on parole Nov. 30th. One hundred and ninety-seven patients were dismissed. The recoveries based upon the number admitted were 15%, and based upon the number discharged, excluding deaths and parole patients were 30.4%. In addition, 14% of those discharged were improved or capable of self-support at the time of leaving the hospital. There were 61 deaths during the year, the death rate (8%) being slightly higher than last year (7.22%). The causes of death will be found in detail in Table No. 12. Eleven of those who died were in the hospital less than one month, many of these being in a state of extreme physical weakness when admitted to the hospital.

#### MEDICAL SERVICE.

The methods of medical administration previously described in these reports have been followed during the year. Vacancies on the staff have interfered with the regularity of the staff conferences which have been, however, held as regular as possible and most of the cases admitted have been presented for discussion. The general health of the household has been good. There has been no epidemic disease or serious accident among the patients or employes. In spite of the fact that during the larger part of the year the pathologist, Dr. Thompson, has been obliged to devote much of his time to ward work, considerable has been done in the laboratory, which is daily demonstrating its important place in the medical affairs of the hospital. The following is a brief summary of the laboratory work of the year:

Red count, white count and differential count has been done on six specimens of blood.

Two feces examinations.

Four samples of milk have been examined for specific gravity, fat, solids not fat and bacterial count.

Eight specimens of sputum examined for tubercle bacilli.

Two stomach contents.

One hundred and ninety-nine urinary analyses.

Six autogenous vaccines prepared.

Two Widal reactions.

Wasserman reaction has been performed on 87 specimens of blood and cerebro-spinal fluid from 50 cases with the following results:

Case number.	Wasserman on blood serum.	Wasserman on cerebro-spinal fluid.	Cells per c. m. m. Fuch's Rosenthal counter.	Cells in 100 fields Alzheimer method.	Per cent. of lymphocytes.	PROVISIONAL CLINICAL DIAGNOSIS.
1116...	-					Dementia praecox.
1711...	-					Imbecile.
1742...	-					General paralysis.
1665...	+					Cerebral syphilis.
1326...	-					General paralysis.
1735...	-					Manic depressive.
1743...	-					Alcoholic.
1497...	-					Dementia praecox.
1480...	-					General paralysis.
1862...	-					Dementia praecox.
1846...	-					Unclassified.
1754...	+					General paralysis.
1310...	+					General paralysis.
1757...	-					Arterio-sclerosis.
1413...	-					Unclassified.
1697...	+			206	73.8	General paralysis.
1604...	+			190	77.8	General paralysis.
1699...	+			1275	90	General paralysis.
1679...	-			14	42.8	Unclassified.
1693...	-			852	92	General paralysis.
1698...	-			28	57.1	Unclassified.
1618...	-		3.7	42	23.8	General paralysis?
1480...	-		2.7	11	36.4	Progressive muscular atrophy.
1457...	+		36	168	77.4	General paralysis.
1692...	+		7.2	108	75.9	General paralysis.
1607...	+		56	196	65.4	General paralysis.
1553...	+			415	61.4	General paralysis.
1713...	-		1.4	34	52.9	Unclassified.
1722...	-			50	20	Alcoholic.
1650...	-	-	5.5	89	58	General paralysis?
1751...	-		375	3400	92	General paralysis.
1780...	-		5.1	64	59.4	General paralysis.
1782...	-	-		18	27.7	Arterio sclerosis.
1716...	-	-	3.4	31	54.8	Multiple sclerosis.
1816...	+	+	35.4	392	76.5	General paralysis.
1710...	+	+	55	456	79.8	General paralysis.
1821...	+	+	43	356	65.2	General paralysis.
1841...	+	+	18			General paralysis.
1833...	-	-	3.8			Alcoholic.
1836...	+	+	41.5	540	81.4	General paralysis.
1827...	+	+	19.5	176	78.5	General paralysis.
1820...	+	+	2.7	36	44.4	Unclassified.
1844...	-	-	2.4	30	66	Dementia praecox.
1858...	-	-	3.6	24	50	Unclassified.
1849...	+	+	30.5	196	77.5	General paralysis.
1857...	+	+	2.4	26	38.5	Arterio sclerosis.
1879...	+	+	11.6	200	69	General paralysis.
1856...	-	-	87.3	360	63.3	General paralysis.
1877...	-	-	1.4	32	38	Alcoholic.

Thirty-three specimens of cerebro-spinal fluid have been examined for increased globulin by Noguchi's butyric acid method and the cell count made by the Alzheimer method.

The Wasserman reaction on the blood was positive in 16 cases; on the cerebro-spinal fluid in nine out of 19 cases. The laboratory findings confirmed a diagnosis of general paralysis in 19 cases. Autopsies have been performed on 23 cases representing the following mental conditions:

Arterio sclerotic Insanity .....	7
Chronic Alcoholic Hallucinosiis .....	1
Drug Psychosis .....	1
Dementia Praecox .....	1
General paralysis .....	7
Imbecility .....	2
Manic Depressive Insanity.....	1
Paranoid Condition .....	2
Pellagra .....	1

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One patient addicted to the use of drugs was admitted in extremis and died within a few hours, the autopsy showing a severe meningo-encephalitis. An autopsy was obtained in one of the two cases of pellagra dying in the hospital and report of this case with pathological findings will be published later. A considerable amount of interesting pathological material is accumulating for histological examination which has been delayed because of the time being so fully occupied with clinical investigations.

#### DENTISTRY.

The visiting dentist, Dr. H. S. Frost, has made weekly visits to the hospital instead of semi-weekly visits as heretofore. The following is a statement of dental work done:

Teeth extracted .....	42
Teeth cleaned .....	69
Teeth filled .....	297
Dental treatment .....	41
Plates repaired .....	11
Number of patients treated .....	124

#### NURSING STAFF.

There are now 30 women nurses in the hospital, six of these being on night duty and three on the men's wards. The ratio

of nurses to patients during the day is 1 to 12 on the women's wards. The following members of the training school completed the course of instruction and were granted the diploma of the school in July:

Cecelia Behie, Georgia Marion Bulmer, Maude Clementine Bulmer, Inez Iola Sullivan, Clara Esther MacKinnon, Frances Gertrude Mahoney, Rosamond Elizabeth McDonald, Hazel Lena Nason, Carrie Johanna Getchell, Frances Elizabeth Welch, Ernest Thomas Young.

Mrs. Mary E. Hickey, who for ten years had served most faithfully and efficiently as Superintendent of Nurses, resigned in October and the vacancy was filled by the appointment of Mrs. Leah A. Chadsey, a graduate of the St. Lawrence State Hospital Training School, Ogdensburg, N. Y.

There are 26 male attendants, six of whom are on night duty. The ratio of attendants to patients on duty during the day on the male wards is 1 to 12.8; the ratio at night is 1 to 49.

#### ACTIVITIES OF THE PATIENTS.

A large amount of work has been done by patients in the sewing room and repair shop. A broom making industry was established early in the year, and we have since made all the brooms used in the hospital. An outfit for repairing shoes was installed and different patients have been engaged in this occupation during the year; also in making door mats, mattress making and repairing, picture framing, etc. Patients have been employed so far as possible throughout all departments of the hospital, not only with marked benefit to the patients, but with advantage to the institution. A loom has been installed and an attempt made to interest the women patients in rug weaving, basketry, fancy work, etc. The tailor shop on the men's wards has been utilized for the mending, pressing and cleansing of the men's clothing. Much work has been done by patients on the grounds and the farm and in grading about the buildings and trenching for the new fire main. New industries are being added from time to time as opportunity arises.

The weekly dances and entertainments are a source of pleasure and helpfulness to the patients and during the last year various employes of the hospital have been very resourceful in arranging programs for these performances.

The usual number of patients went to Chase Island during the summer, and almost without exception, derived much pleasure and benefit from the outing.

#### REPAIRS AND IMPROVEMENTS.

Early in the year a compressed air pump was installed in the engine room, the old pump having proved inadequate for the work of pumping water from the deep well. At the same time, the intake pipe was lowered some 350 feet. The increased amount of water thus obtained from the deep well has effected a considerable saving as it has enabled us to reduce materially the amount of metered water used. The average monthly water bill during the nine months this pump has been in operation has been \$70.45, compared with \$138.29 for a corresponding period a year ago. At the present time, the well is yielding 65,000 gallons of water in 24 hours. From close observation, it appears that there is an abundant supply of water in the well except during the months of August and September when there has been a perceptible diminution in the flow. The well water is not suitable for use in the boilers without the adoption of some water softening process but otherwise is used throughout the hospital except at the barn and the Steward's house.

The failure of the water heater to meet the needs of the enlarged plant necessitated the installation of a new hot water heater of greater capacity and more rapid operation. This was installed in October, and is giving very satisfactory results.

The heating system and the boilers were overhauled during the summer and are now in good repair. Engine No. 2 was rebuilt and a new back pressure valve put on the exhaust heating system. The bin for grain storage has been removed from the basement of Building B to the barn and the room which it formerly occupied, together with the adjacent room and passage ways, have been converted into a stock room for all materials used in the engineering department. The machine shop has been equipped to repair tin ware and make some of the simpler utensils for kitchen use.

The means of fire protection have been increased by the laying of 1500 feet of pipe up the Hogan Road from State St., and the placing of two hydrants at suitable points on the line. The pipe and hydrants were furnished and laid by the City of Ban-

gor, the hospital doing the trenching and filling. A new fire whistle has been purchased and a hose house built in the rear of the boiler house, fire regulations posted throughout the buildings and a system of signals and fire drill established.

Tungsten lights have been put in some of the wards to replace the carbon filament lamps, the lighting thereby being greatly improved, the number of sockets reduced and the amperage lowered. We have produced our own electric current for all purposes during the year at an average cost of \$.013 per K. W. hour.

The chapel has been repainted, window frames and door casings built and the unfinished balcony completed in order to afford room for the increased number of patients.

Two of the old bathrooms in Buildings C and E have been remodelled and two added by tearing out some unsanitary closets and plumbing and thereby enlarging the toilet rooms so as to allow of the addition of bath tubs and washbowls.

The library has been moved to a larger room on the first floor of Building E. Wards F-1, 2 and 3 with connecting corridors and stairways have been painted throughout. All rooms and corridors in C-1 and C-3 have been painted, also the large dining hall in the D building, the kitchen, bakery, engine room and boiler house, the outside woodwork and veranda of the tubercular building, the interior of the Steward's house and several of the bathrooms. In addition to the above, there have been many minor repairs throughout all the buildings. A cement walk has been laid from the administration building to the brow of the hill and a cinder path constructed through the grove. During the fall, considerable grading was done about Building F, a large amount of rock being removed from the ledge and used for road building on the grounds and for a deep fill and retaining wall in front of Building F. Next spring the lawn can be extended to the east end of the building.

Sixty trees were added to the young pine grove in the rear of the tubercular building and many of the older trees were transplanted, considerably increasing the area of the grove. A number of young elms and maples were set along the driveways to replace dead trees and about 2000 small fruits, including raspberries, blackberries, gooseberries and a few plums were planted in the spring. The grounds were graded in the rear of

Buildings C and D. About 25 acres of farm land were cleared and put under cultivation during the year.

## COST OF MAINTENANCE.

Average weekly per capita cost, including all expenditures .....	\$5.76
Deduct average weekly per capita income from all sources .....	.78
Average weekly per capita cost to State for support of patients and maintenance of property for year 1912 .....	4.98

The weekly per capita cost of maintenance is forty-five cents less than last year in spite of the increased cost in supplies. An effort has been made to observe a careful economy in all expenditures with due regard to the proper maintenance of the patients and proper repair and upkeep of the institution. About \$28,000 of the money appropriated for maintenance will not be called for and reverts to the State.

## SPECIAL APPROPRIATIONS DESIRED.

Dairy Farm, Poultry and Cows.....	\$25,000 00
Store House and Cold Storage Plant.....	26,000 00
Repairs in Building C and E.....	4,200 00
Cottage for Engineer .....	3,500 00
Washing Machine for Laundry.....	500 00
Fire Pump and Connections .....	1,400 00
Fire Main and 3 hydrants (700 ft. 8 in. pipe, 900 ft. 6 in. pipe) .....	2,100 00
Greenhouse .....	2,500 00
3-Story Verandas for C and E.....	8,000 00

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\$73,200 00

We are in urgent need of enlarged store room facilities and of a cold storage plant. Plans have been drawn and estimates obtained for a building for these purposes adjacent to the kitchen and so arranged that it may form a part of a future building planned to provide for a congregate dining room centrally located and to which the greater part of our patients can go for their meals. This will centralize the food service and be a material economical factor as well as provide additional room



for patients by permitting the use as dormitories of several of the present ward dining rooms. Two years hence additional room for patients will be an imperative need and the increased accommodation can be economically provided in this way. The building for which we now ask is essential to the satisfactory working out of this plan.

The growth of our institutional family necessitates an expansion in our farming operations. The hospital has no dairy and we feel that a herd is essential, not only for the economical supply of milk but for the proper fertilization and maintenance of the farm. Additional farm land is needed and can now be had at a reasonable price in the immediate vicinity of the hospital.

A special appropriation is requested for extra repairs in C and E Buildings, is being necessary to relay floors throughout the lower wards of these buildings. These wards require complete renovation to place them in a sanitary condition.

Living quarters should be provided on the grounds for the Engineer and his family. This official, who now lives at a considerable distance, should be at all times in close touch with the hospital.

The increased work of the laundry demands the installation of an additional washing machine. The machines now in use have been in operation for several years and will have to be rebuilt this winter.

Adequate fire protection can only be obtained by extension of the fire main from the Hogan Road through the grounds of the hospital in the rear of the buildings with hydrants so located that they will afford protection to all of the hospital buildings. At present there is but one hydrant on the grounds at the extreme west end of the hospital group and two hydrants on the Hogan Road at the east, one near the tubercular building and the other several hundred feet away. A high pressure pump should also be installed in connection with the new pipe line and the stand pipes throughout the buildings.

We also desire a small appropriation for a greenhouse to be used in connection with the garden as the starting house for the growing of vegetables and of plants to be used about the grounds in the summer and throughout the wards of the hospital during the winter.

The value of open air in the treatment of acute insanity is well recognized. We have many acute and many feeble cases who should be gotten out of doors at all seasons, and in order to provide for these classes, we request an appropriation for verandas for Buildings C and E. These should be of sufficient size to allow the removal of beds from the wards directly to the verandas, and they must be substantially built to conform to the architecture of the buildings and must be well screened. There are no verandas on any of the buildings of the main hospital group at the present time.

In addition to the above request for special appropriations there is urgent need for legislation providing for the enactment of a law allowing emergency commitments of patients suddenly becoming insane, and whose mental condition is such as to compel their detention in jails or town lockups for 48 hours pending commitment under the present law. There have been a number of cases of this kind during the past year and the hospital has frequently been asked to provide an attendant or nurse to remain with the patient so confined pending commitment.

Some provision should also be made for the admission of patients voluntarily seeking treatment in the hospital. It not infrequently happens that cases on the borderline between sanity and insanity, realizing their condition, seek admission to the hospital as voluntary patients, but under the present law it is not possible to admit such cases for temporary care. Both voluntary admission and emergency laws are now in successful operation in other states, and they are right in line with the growth of the modern hospital idea in treatment of insanity.

I wish also, to urge legislative action relative to the changing the name of this hospital. Much confusion and inconvenience arises from the fact that the present name is so similar to that of the Eastern Maine General Hospital in our immediate neighborhood. If this institution was called the Bangor State Hospital, annoying confusion would be obviated. Designation of both of the State hospitals by a name more accurately showing their location is much to be desired. It is now the almost universal custom to eliminate the word "Insane" from the name of a hospital for mental diseases, a reform greatly appreciated by the patients and all their friends. It is more agreeable for

the patients and often comforting to the friends to feel that treatment is being had in a "State Hospital" rather than in "Insane Hospital."

#### ENTERTAINMENTS.

The weekly dances and fortnightly moving picture shows were held throughout the colder months. We are indebted to many of the employes for interesting themselves in getting up amateur theatricals and musical entertainments, all of which are greatly enjoyed by the patients. Our thanks are due also, to the U. of M. Masque and Glee Clubs for two enjoyable evenings. During the summer several ball games were enjoyed by patients and Christmas and Independence Days were appropriately observed. The band, under the direction of Mr. Goodrich, has made excellent progress during the year, and not only has furnished music for the entertainments, but played repeatedly during the summer in the pavilion in front of the men's wards. I wish also to record my gratification with the services of the choir, which adds so materially to the enjoyment of our Sunday services.

Donations of books and magazines, ice cream, candy, flowers, etc., for the entertainment of the patients, are gratefully acknowledged from the following individuals: Miss Engel, Mr. M. A. French, Mr. G. E. Adams, Mrs. W. E. Pierce, Mrs. Morrill, Miss Julia Barnard, Mrs. Rose Waterman, Miss Charlotte Barnard, Mrs. Lawrence Smythe, Mrs. John Hughes, Mr. Wm. Talbot, Mrs. H. H. McCready, Mrs. Louise Porter, Mrs. J. R. Hunton, Mrs. M. W. Robinson, Mrs. J. A. Gray, Mrs. H. A. Chapman, Miss Margaret Bramm, Mrs. C. B. Crosby, Bangor Public Library, Mr. R. A. Jordan and Mr. Thomas White.

#### RESIGNATIONS.

Dr. Fred H. Freeman resigned in May to enter private practice in Surry, Maine. Dr. D. J. McLean was appointed as interne and served until August.

Mr. Leslie W. Somers resigned the position of Steward and Treasurer in April and was succeeded by Mr. William H. Thompson of Orono, May 1st.

Mrs. Adelaide C. Brown, the efficient matron of the hospital from its opening for the reception of patients, resigned that position in May and was succeeded by Mrs. Annie E. Eddy, of Bangor.

CONCLUSION.

I desire to record my appreciation of the interest shown in the affairs of the hospital by the visiting committee of the Governor's Council, and particularly of the visits of Mrs. E. C. Dudley, which have been a source of great pleasure and comfort to the patients. It is with pleasure that I commend the faithful service of the officers and employes, whose whole hearted coöperation is essential for the successful management of the hospital.

To your Honorable Board I desire to again express my gratitude for helpful counsel and support.

Respectfully submitted,

FREDERICK L. HILLS,

*Superintendent.*

November 30, 1912.

ARTICLES MADE IN THE SEWING ROOM (FROM MAY 1  
TO NOVEMBER 30).

49 Aprons (bed ticking)	4 Puff covers from patchwork
16 Aprons (gingham)	153 Pillow cases
155 Aprons (men's twill)	8 Pillow covers
24 Aprons (nurses')	8 Robes (burial)
105 Bags (laundry)	3 Rugs (braided)
36 Bibs (apron)	4 Rugs (woven)
6 Caps (bakers')	33 Scarfs (bureau)
108 Chemises	8 Scarfs (sideboard)
8 Corset Covers	30 Shades (window)
7 Cushions (chair)	108 Sheets
25 Curtains (sash)	5 Skirts (burial)
12 Curtains (pairs drapery)	1 Suit (mohair)
6 Doilies	1 Suit (novelty cloth)
112 Drawers (pairs)	89 Table cloths
125 Dresses (cheviot)	112 Towels (dish)
57 Dresses (night)	178 Towels (glass)
23 Dresses (shirtwaist)	180 Towels (hand)
23 Dresses (strong)	129 Towels (roller)
1 Meat cover	106 Tree supports
24 Napkins	15 Waists (shirt)
9 Petticoats (cotton)	30 Window shades
41 Petticoats (woolen)	75 Wrappers fitted

Also all mending for male and female wards except mens' heavy coats and pants. All tagging for male and female wards.

ARTICLES REPAIRED IN REPAIR SHOP (FROM FEBRUARY  
21 TO NOVEMBER 30).

197 Beds repaired	1 Mop wringer repaired
11 Bed springs repaired	1 Parlor suite re-upholstered
1 Blinders (pair) repaired	6 hours' time reaping Pick axes
267 Broom handles	1 Picture reframed
6 Bureaus repaired	229 Razors honed
1 Canvas mattress repaired	2 Reins repaired
11 Canvas mattresses made over	32 Rocking chairs repaired
139 Chairs repaired	1 Rug repaired
1 Checker board repaired	3 Rug hooks repaired
4 Chiffoniers repaired	8 Scissors (pairs) sharpened
19 Commodes repaired	24 Settees repaired
12 Couches repaired	289 Shoes (pairs) repaired
7 Cushions repaired	179 Spring beds repaired
11 Cushions made over	16 Stands repaired
1 Door mat repaired	1 Stand drawer repaired
1 Fork handle repaired	1 Stretching machine repaired
1 Garden rake repaired	1 Surgical instruments (set) honed
1 Harness repaired	26 Tables repaired
1 Hypo needle honed	36 Hours' time cutting up tin cans
2 Iron springs cut apart	1 Tobacco cutter repaired
105 Mattresses made over	2 Trunks repaired
14 Mattress ticks remodelled	1 Truss repaired
9 Mattresses taken apart	1 Wheel chair repaired
11 Mops repaired	

ARTICLES MADE IN REPAIR SHOP (FROM FEBRUARY 21  
TO NOVEMBER 30).

3 Baseball bases	1 Home plate for ball diamond
8 Bed springs	27 Mattresses
1 Box	13 Mattress ticks cut out
362 Brooms	7 Mattress ticks made
1 Canvas hammocks for bath tub	2 Mop handles
4 Checker boards	1 Mop handle for wringer
7 Cushions	1 Form for toilet
4 Couch head rests	4 Rug frames
2 Door mats	1 Rug loom
71 "Fire Regulations" framed	4 Sand bags
2 Fly traps	6 Seed boxes
14 Frames for pictures	1 Shoe repair bench
71 Frames for "Fire Regulations"	68 Tree binders
51 Hair pillows	14 Whisk brooms

## MEDICAL STATISTICS, 1912.

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

	Men.	Women.	Total.
Patients in hospital, Detember 1, 1911.....	274	235	509
On visit December 1, 1911.....	23	27	50
Admitted within the year.....	111	80	191
Viz: by commitment.....	104	76	180
by transfer.....	3	—	3
from visit.....	4	4	8
Whole number of cases within the year.....	408	342	750
Dismissed within the year.....	112	85	197
Viz: discharged.....	48	40	88
as recovered at time of leaving hospital.....	16	11	27
as capable of self-support.....	8	4	12
as improved.....	15	15	30
as not improved.....	8	10	18
as not insane.....	1	—	1
Died.....	40	21	61
On visit November 30, 1912.....	24	24	48
Patients remaining November 30, 1912.....	296	257	553
Viz: supported as State patients.....	271	216	487
in full by relatives.....	3	8	11
in part by relatives.....	9	14	23
private means.....	13	19	32
Number of different persons within the year.....	408	341	749
different persons admitted.....	111	80	191
different persons admitted by commitment.....	107	75	182
different persons dismissed.....	112	85	197
persons recovered.....	16	11	27
persons discharged, capable of self-support.....	8	4	12
Daily average number of patients.....	285.1	240.5	525.6

TABLE No. 2.

INSANE RECEIVED ON FIRST AND SUBSEQUENT COMMITMENTS.

NUMBER OF ADMISSIONS.	CASES COMMITTED		
	Men.	Women.	Total.
First.....	99	64	163
Second.....	6	11	17
Third.....	1	1	2
Fourth.....	—	—	—
Fifth.....	—	—	—
Sixth.....	—	—	—
Seventh.....	1	—	1
Total cases.....	107	76	183
Total persons.....	107	75	182
Never before in any hospital for the insane.....	89	58	147

TABLE No. 3.

## NATIVITY AND PARENTAGE OF PERSONS FIRST ADMITTED TO ANY HOSPITAL.

PLACES.	MEN.			WOMEN.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Maine.....	64	38	39	47	31	32	111	69	71
Other New England States..	6	4	3	2	2	1	6	6	4
Other states.....	-	1	-	2	1	1	2	2	1
Total native.....	70	43	42	49	34	34	119	77	76
Other Countries:									
British Provinces.....	9	15	15	6	10	10	15	25	25
England.....	-	1	-	-	2	1	-	3	1
Finland.....	1	1	1	-	-	-	1	1	1
Ireland.....	3	6	5	2	5	5	5	11	10
Italy.....	1	1	1	-	-	-	1	1	1
Russia.....	2	2	2	-	-	-	2	2	2
Scotland.....	-	1	1	-	-	-	-	1	1
Wales.....	-	-	-	-	1	-	-	1	-
Prussia.....	-	-	-	-	1	-	-	1	-
Total foreign.....	16	27	25	8	19	16	24	46	41
Unknown.....	3	19	22	1	5	8	4	24	30
Totals.....	89	89	89	58	58	58	147	147	147



TABLE No. 4.  
RESIDENCES OF INSANE PERSONS ADMITTED BY COMMITMENT.

	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Abbott Village.....	-	1	1	-	-	-	-	1	1
Albion.....	1	-	1	-	-	-	1	-	1
Alton.....	-	-	-	1	-	1	-	-	1
Bangor.....	14	11	25	4	2	6	18	13	31
Bar Harbor.....	1	2	3	1	1	2	2	3	4
Belfast.....	3	4	7	-	1	1	3	5	8
Bancroft.....	-	1	1	-	-	-	-	1	1
Belmont.....	-	-	-	-	1	1	-	1	1
Bluehill.....	-	1	1	-	-	-	-	1	1
Bradford.....	1	-	1	-	-	-	1	-	1
Bradley.....	1	-	1	-	-	-	-	-	1
Brewer.....	1	2	3	-	1	1	1	3	4
Brooks.....	1	1	2	-	-	-	-	1	1
Brooksville.....	1	-	1	-	-	-	1	-	1
Brookton.....	-	-	-	-	1	1	-	1	1
Brownville.....	1	-	1	-	-	-	1	-	1
Bucksport.....	1	2	3	-	1	1	1	3	4
Camden.....	1	-	1	-	-	-	1	-	1
Calais.....	1	-	1	1	-	1	2	-	2
Caribou.....	2	-	2	-	-	-	2	-	2
Castine.....	1	-	1	-	-	-	1	-	1
Carmel.....	1	-	1	-	-	-	1	-	1
Castle Hill.....	-	-	-	1	-	1	1	-	1
Chapman.....	-	-	-	-	1	1	-	1	1
Corinna.....	1	1	2	-	-	-	1	1	2
Costigan.....	-	-	-	1	-	1	1	-	1
Criehaven Plantation.....	-	-	-	1	-	1	1	-	1
Danforth.....	-	1	1	-	-	-	-	1	1
Deer Isle.....	1	-	1	1	-	1	2	-	2
Dexter.....	1	1	2	1	-	1	2	1	3
Eagle Lake.....	1	-	1	-	-	-	1	-	1
East Millinocket.....	-	1	1	-	-	-	-	1	1
East Machias.....	1	-	1	-	-	-	1	-	1
Eastport.....	2	4	6	-	-	-	2	4	6
Eden.....	1	1	2	-	-	-	1	1	2
Eddington.....	-	2	2	-	-	-	-	2	2
Edmunds.....	-	-	-	-	1	1	-	1	1
Ellsworth.....	1	-	1	-	-	-	1	-	1
Exeter.....	1	-	1	-	-	-	1	-	1
Fort Fairfield.....	2	-	2	-	-	-	2	-	2
Foxcroft.....	-	-	-	1	1	2	1	1	2
Frankfort.....	1	-	1	-	-	-	1	-	1
Glenburn.....	1	-	1	-	-	-	1	-	1
Greenbush.....	1	-	1	-	-	-	1	-	1
Greenfield.....	1	-	1	-	-	-	1	-	1
Greenville.....	1	-	1	-	-	-	1	-	1
Hampden.....	1	-	1	-	-	-	1	-	1
Hermon.....	-	-	-	-	1	1	-	1	1
Hudson.....	1	-	1	-	-	-	1	-	1
Island Falls.....	1	-	1	-	1	1	1	1	2
Knox.....	-	-	-	1	-	1	1	-	1
Lamoine.....	1	-	1	-	-	-	1	-	1
Levant.....	1	-	1	1	1	2	2	1	3
Lincoln.....	2	-	2	-	-	-	2	-	2
Long Island Plantation.....	-	1	1	-	-	-	-	1	1
Macwahoc.....	-	1	1	-	-	-	-	1	1
Machias.....	-	-	-	1	-	1	1	-	1
Madawaska.....	1	-	1	-	1	1	1	-	2
Mattawamkeag.....	1	-	1	-	-	-	1	-	1
Millinocket.....	3	-	3	-	-	-	3	-	3
Milbridge.....	-	1	1	-	-	-	-	1	1
Milford.....	-	1	1	-	-	-	-	1	1

TABLE No. 4.

## RESIDENCES OF INSANE PERSONS ADMITTED BY COMMITMENT.

	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Milo.....	-	1	1	-	1	1	-	2	2
Monroe.....	1	1	2	-	-	-	1	1	2
Mount Desert.....	1	-	1	-	-	-	-	-	1
Newburg.....	-	1	1	-	-	-	-	1	1
New Canada Plantation.....	1	-	1	-	-	-	-	-	1
New Gloucester.....	-	-	-	1	-	1	1	-	1
North Anson.....	-	1	1	-	-	-	-	1	1
Orrington.....	2	1	3	-	-	-	2	1	3
Orneville.....	1	-	1	-	-	-	1	-	1
Orono.....	-	2	2	-	-	-	-	2	2
Old Town.....	5	-	5	-	-	-	5	-	5
Other states.....	3	-	3	-	-	-	3	-	3
Palmyra.....	1	-	1	1	-	1	2	-	2
Passadumkeag.....	-	1	1	-	-	-	-	1	1
Pembroke.....	2	-	2	-	-	-	2	-	2
Perry.....	1	-	1	-	-	-	1	-	1
Presque Isle.....	-	2	2	-	-	-	-	2	2
Rockland.....	1	1	2	-	-	-	1	1	2
Rockport.....	2	-	2	-	-	-	2	-	2
Sangerville.....	-	1	1	-	-	-	-	1	1
Searsmont.....	1	-	1	-	-	-	1	-	1
Sebec.....	-	-	-	1	-	1	1	-	1
Sedgwick.....	1	-	1	-	-	-	1	-	1
St. Francis.....	1	-	1	-	-	-	1	-	1
Stonington.....	1	-	1	-	-	-	1	-	1
Swan's Island.....	1	-	1	-	-	-	1	-	1
Trenton.....	1	-	1	-	-	-	1	-	1
Veazie.....	-	1	1	-	-	-	-	1	1
Wellington.....	-	1	1	-	-	-	-	1	1
West Old Town.....	-	-	-	-	1	1	-	1	1
Whitneyville.....	1	-	1	-	-	-	1	-	1
Willimantic.....	-	1	1	-	-	-	-	1	1
Winterport.....	-	1	1	-	-	-	-	1	1
Woodland.....	1	-	1	-	-	-	1	-	1
Wytopitlock.....	1	-	1	-	1	1	1	1	2
Totals.....	89	58	147	18	18	36	107	76	183

TABLE No. 5.  
CIVIL CONDITION OF PERSONS ADMITTED.

	Men.	Women.	Total.
Married.....	34	39	73
Unmarried.....	59	22	81
Widowed.....	6	15	21
Divorced.....	7	—	7
Unknown.....	1	—	1
Totals.....	107	76	183
Total persons.....	107	75	182

TABLE No. 6  
OCCUPATIONS OF INSANE PERSONS FIRST ADMITTED TO ANY HOSPITAL.

## MEN.

Actor.....	1	None.....	6
Barber.....	1	Painter.....	1
Brakeman.....	1	Physician.....	1
Carpenter.....	1	Pulp mill operatives.....	2
Coachman.....	1	Quarrymen.....	2
Cooks.....	2	Railway conductor.....	1
Coopers.....	2	Railway engineer.....	1
Chauffeur.....	1	Railway mail clerk.....	1
Drug clerk.....	1	Sardine factory operative.....	1
Electrical engineer.....	1	Ship's carpenter.....	1
Farmers.....	10	Stationery engineer.....	1
Guides.....	2	Steam fitter.....	1
Laborers.....	35	Teamster.....	1
Landscape gardener.....	1	Traveling salesman.....	1
Machinist.....	1	Trunk maker.....	1
Meat cutter.....	1	Woodsmen.....	3
Merchant.....	1	Total.....	89
Musician.....	1		

## WOMEN.

Dancing teacher.....	1	None.....	17
Domestics.....	4	School girl.....	1
Dressmakers.....	4	School teacher.....	1
Housekeepers.....	2	Stenographer.....	1
Housewives.....	26	Total.....	58
Musician.....	1		

TABLE No. 7.  
AGES OF INSANE AT FIRST ATTACK, ADMISSION AND DEATH.

AGES.	ADMITTED.						DIED.					
	At first attack.			When admitted.			At first attack.			At time of death.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Congenital.....	9	2	11	-	-	-	2	2	4	-	-	-
15 years and less.....	4	5	9	-	-	-	1	1	2	-	-	-
From 15 to 20 years.....	5	3	8	2	2	4	1	1	2	-	-	-
20 to 25 years.....	6	10	16	5	3	8	2	2	4	2	1	3
25 to 30 years.....	14	7	21	16	7	23	2	2	4	2	-	2
30 to 35 years.....	15	5	20	16	5	21	4	2	6	1	4	5
35 to 40 years.....	10	11	21	18	8	26	4	1	5	4	1	5
40 to 45 years.....	5	6	11	8	8	16	3	1	4	2	-	2
45 to 50 years.....	5	1	6	6	3	9	4	1	5	3	2	5
50 to 60 years.....	11	9	20	16	18	34	5	2	7	11	3	14
60 to 70 years.....	6	7	13	12	12	24	4	3	7	7	3	10
70 to 80 years.....	5	7	12	5	8	13	4	4	8	6	5	11
Over 80 years.....	-	-	-	2	1	3	1	-	1	2	2	4
Unknown.....	12	3	15	1	1	2	4	-	4	-	-	-
Total cases.....	107	76	183	107	76	183	40	21	61	40	21	61
Total persons.....	107	75	182	107	75	182	40	21	61	40	21	61

TABLE No. 8.  
PROBABLE CAUSES OF MENTAL DISEASE IN PERSONS COMMITTED.

EXCITING CAUSES.	COMMITTED.			PREDISPOSING CAUSES.					
				Hereditary Tendency.			Alcoholic Intemperance.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
1.—Physical diseases and injuries:									
Arterio sclerosis.....	16	7	23	9	6	15	2	—	2
Congenital deficiency.....	9	3	12	5	3	8	—	—	—
Diphtheria.....	1	—	1	1	—	1	—	—	—
Enteroptosis.....	—	1	1	—	—	—	—	—	—
Epilepsy.....	3	2	5	1	—	1	1	—	1
Exophthalmic goitre.....	—	1	1	—	—	—	—	—	—
Gonorrhoeal infection.....	—	2	2	—	—	—	—	—	—
Infantile paralysis.....	1	1	2	—	—	—	—	—	—
Injury to head.....	—	1	1	—	1	1	—	—	—
Injury to spine.....	—	1	1	—	—	—	—	—	—
LaGrippe.....	—	1	1	—	1	1	—	—	—
Measles.....	—	1	1	—	1	1	—	—	—
Meningitis.....	1	—	1	—	—	—	—	—	—
Nephritis.....	1	—	1	—	—	—	1	—	1
Operation, ovariectomy.....	—	2	2	—	—	—	—	—	—
Pellagra.....	1	1	2	—	—	—	—	—	—
Pulmonary tuberculosis.....	—	2	2	—	1	1	—	—	—
Scarlet fever.....	1	1	2	1	—	1	—	—	—
Senile changes.....	—	6	6	—	3	3	—	—	—
Syphilis.....	11	—	11	1	—	1	10	—	10
Syphilis probable.....	2	1	3	—	—	—	1	—	1
Syphilis unascertained.....	9	—	9	4	1	5	2	—	2
Typhoid fever.....	1	1	2	—	1	1	—	—	—
2.—Intoxications and poisonings:									
Alcohol.....	22	—	22	4	—	4	22	—	22
Alcohol and morphine.....	—	1	1	—	—	—	—	1	1
Alcohol, cocaine and morphine.....	1	—	1	1	—	1	1	—	1
Cocaine and morphine.....	2	—	2	—	—	—	2	—	2
3.—Sorrow and bereavement:									
Disappointment in love.....	1	1	2	—	1	1	—	—	—
Witness of accident to relative.....	—	1	1	—	1	1	—	—	—
Grief, death of father.....	2	—	2	2	—	2	—	—	—
suicide of son.....	—	1	1	—	—	—	—	—	—
Worry, business affairs.....	—	1	1	—	1	1	—	—	—
4.—Domestic difficulties:									
Desertion of husband.....	—	1	1	—	1	1	—	—	—
Domestic incompatibility.....	—	13	13	—	9	9	—	—	—
5.—Exhaustive influences:									
Ill health.....	—	1	1	—	1	1	—	—	—
6.—Causes in connection with reproduction:									
Lactation.....	—	1	1	—	—	—	—	—	—
Parturition.....	—	1	1	—	—	—	—	—	—
Parturition and pulmonary tuberculosis.....	—	1	1	—	1	1	—	—	—
Puerperium.....	—	1	1	—	1	1	—	—	—
7.—Sexual incidents:									
Seduction.....	—	1	1	—	1	1	—	—	—
8.—Not insane.....	1	—	1	—	1	1	1	—	1
9.—Unknown.....	21	16	37	11	8	19	4	—	4
Totals.....	107	76	183	40	44	84	47	1	48

TABLE No. 9.  
PROBABLE DURATION OF MENTAL DISEASE BEFORE ADMISSION.

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.		
	Men.	Women.	Totals.
Congenital.....	7	2	9
Under 1 month.....	12	6	18
From 1 to 3 months.....	8	4	12
3 to 6 months.....	7	8	15
6 to 12 months.....	11	4	15
1 to 2 years.....	8	11	19
2 to 5 years.....	10	5	15
5 to 10 years.....	10	6	16
10 to 20 years.....	2	3	5
Over 20 years.....	3	4	7
Totals.....	78	53	131
Unknown.....	11	5	16
Totals.....	89	58	147



TABLE No. 10.—CONTINUED.

FORM OF MENTAL DISEASE IN PERSONS COMMITTED, DISCHARGED, WITH CONDITION ON DISCHARGE, OR DEATH.

PSYCHOSES.	COMMITTED.			DISCHARGED.												DEATHS.			TOTAL DISCHARGES AND DEATHS.					
	Men.	Women.	Total.	RECOVERED.			CAPABLE OF SELF SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			Men.	Women.	Total.	Men.	Women.	Total.
				Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.						
Epileptic psychoses . . .	3	1	4	-	-	-	-	-	-	2	2	-	-	-	-	-	-	2	-	2	2	2	4	
Infective exhaustive psychoses . . . . .	2	4	6	1	-	1	-	-	-	1	1	-	-	-	-	-	-	2	1	3	3	2	5	
Depressive hallucinoses . . . . .	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Imbecility . . . . .	4	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	2	
Drug psychoses . . . . .	3	-	3	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	4	
Hysterical psychoses . . . . .	1	1	2	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	2	3	
Terminal dementia . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unclassified . . . . .	5	6	11	-	-	-	1	-	1	3	1	4	1	1	2	-	-	-	-	-	5	2	7	
Not insane . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1	
Total cases . . . . .	89	58	147	12	8	20	6	4	10	13	14	27	7	9	16	1	-	1	25	17	42	64	52	116
B.—All other admissions:			1																					
Alcoholic psychoses . . .	4	-	4	1	1	2	1	-	1	1	-	1	-	-	-	-	-	1	-	1	4	1	5	
Manic depressive psychoses . . . . .	2	6	8	3	2	5	-	-	-	-	-	-	-	-	-	-	-	2	-	2	5	2	7	
Allied to manic depressive psychoses . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1	
Dementia praecox psychoses . . . . .	5	6	11	-	-	-	-	-	-	1	-	1	-	1	1	-	-	3	1	4	4	2	6	
Allied to dementia praecox psychoses . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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TABLE NO. 10.—CONCLUDED.

FORM OF MENTAL DISEASE IN PERSONS COMMITTED, DISCHARGED, WITH CONDITION ON DISCHARGE, OR DEATH.

PSYCHOSES.	COMMITTED.			DISCHARGED.															DEATHS.			TOTAL DISCHARGES AND DEATH			
	Men.	Women.	Total.	RECOVERED.			CAPABLE OF SELF SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			Men.	Women.	Total.	Men.	Women.	Total.	
				Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.							
Dementia paralytica.	2	-	2	-	-	-	1	-	1	-	-	-	1	-	1	-	-	-	3	-	3	5	-	-	5
Senile psychosis.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Constitutional inferiority.	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depression undifferentiated.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Symptomatic depression.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoid conditions.	1	2	3	-	-	-	-	-	-	1	1	-	-	-	-	-	-	3	-	3	3	1	-	4	
Psychoses with other brain and nervous diseases.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	1
Epileptic psychosis.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Infective & exhaustive psychoses.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depressive hallucinoses.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imbecility.	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	1	1	2	
Drug psychoses.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hysterical psychoses.	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Terminal dementia.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	1	2	
Totals.	18	18	36	4	3	7	2	-	2	2	1	3	1	1	2	-	-	-	15	4	19	24	9	33	
Aggregate cases.	107	76	183	16	11	27	8	4	12	15	15	30	8	10	18	1	-	1	40	21	61	88	61	149	
Aggregate persons.	107	75	182	16	11	27	8	4	12	15	15	30	8	10	18	1	-	1	40	21	61	88	61	149	

TABLE No. 11.

DISCHARGES OF THE INSANE CLASSIFIED BY ADMISSION AND RESULT, AND DEATHS.

NUMBER OF ADMISSIONS.	RECOVERED.			CAPABLE OF SELF SUPPORT.			NOT IMPROVED.			NOT IMPROVED.			INSANE.			DIED.			AGGREGATES.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
First to this hospital.....	13	10	23	7	3	10	14	15	29	7	10	17	1	-	1	31	19	50	73	57	130
Second to this hospital.....	1	-	1	1	-	1	1	-	1	1	-	1	-	-	-	2	2	4	11	13	24
Third to this hospital.....	1	1	2	-	1	1	-	-	-	-	-	-	-	-	-	2	2	4	3	3	6
Fourth to this hospital.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fifth to this hospital.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sixth to this hospital.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total cases.....	16	11	27	8	4	12	15	15	30	8	10	18	1	-	1	40	21	61	88	61	149
Total persons.....	16	11	27	8	4	12	15	15	30	8	10	18	1	-	1	40	21	61	88	61	149

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TABLE No. 12.  
CAUSES OF DEATH AND FORM OF MENTAL DISEASE IN PERSONS WHO DIED.

	AGGREGATE.			DEMENCIA PARALYTICA.			DEMENCIA PRÆCOX.			DEPRESSIVE HALLUCINOSIS.			EPILEPTIC PSYCHOSES.			IMBECILITY.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
General diseases:																		
Exhaustion from general paralysis.....	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Exhaustion from senile dementia.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pellagra.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Staphylococcus infections.....	1	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the nervous system:																		
Cerebral hemorrhages.....	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Convulsive seizures.....	1	2	3	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Status epilepticus.....	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Diseases of circulatory system:																		
Endocarditis.....	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Mitral insufficiencies.....	1	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thrombosis of the abdominal aorta.....	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Diseases of the respiratory system:																		
Broncho pneumonia.....	12	4	16	3	1	4	1	-	1	-	-	-	-	-	-	-	1	1
Broncho pneumonia and uterine fibroids.....	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Broncho pneumonia and cerebral softening.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General tuberculosis.....	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Pulmonary tuberculosis.....	4	2	6	-	-	-	3	2	5	-	-	-	-	-	-	-	-	-
Pneumonia.....	7	-	7	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the digestive system:																		
Carcinoma of stomach.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterocolitis.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhage of the stomach.....	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the genito-urinary system:																		
Carcinoma of the penis.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carcinoma of the uterus.....	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Uraemia.....	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poisoning by morphine.....	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Suicide by hanging.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill defined cause.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Totals.....	40	21	61	10	3	13	5	5	10	-	-	-	2	-	2	2	2	4

TABLE No. 12.—CONCLUDED.  
CAUSES OF DEATH AND FORM OF MENTAL DISEASE IN PRERSONS WHO DIED.

	INFECTIVE EXHAUSTIVE PSYCHOSES.			MANIC DEPRESSIVE.			PSYCHOSES WITH OTHER BRAIN AND NERVOUS DISEASES.			SENILE PSYCHOSES.			TERMINAL DEMENTIA.			ALCOHOLIC.			PARANOID CONDITION.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
General diseases:																					
Exhaustion from general paralysis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exhaustion from senile dementia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pellagra.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Staphylococcus infections.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the nervous system:																					
Cerebral hemorrhages.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Convulsive seizures.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Status epilepticus.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of circulatory system:																					
Endocarditis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mitral insufficiencies.....	-	-	-	1	-	1	-	1	1	-	2	2	-	-	-	-	-	-	-	-	-
Thrombosis of the abdominal aorta.....	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Diseases of the respiratory system:																					
Broncho pneumonia.....	-	-	-	1	1	2	4	-	4	1	1	2	1	-	1	-	-	-	-	-	-
Broncho pneumonia and uterine fibroids.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broncho pneumonia and cerebral softening.....	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
General tuberculosis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary tuberculosis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia.....	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	1	-	1	-	-	1
Diseases of the digestive system:																					
Carcinoma of stomach.....	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Enterocolitis.....	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhage.....	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the genito-urinary system.....																					
Carcinoma of the penis.....	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carcinoma of the uterus.....	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uraemia.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poisoning by morphine.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Suicide by hanging.....	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill defined cause.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	2	1	3	4	1	5	10	4	14	1	4	5	1	1	2	1	-	1	2	-	2

TABLE No. 13.  
DURATION OF MENTAL DISEASE AND ITS TREATMENT IN PERSONS WHO RECOVERED OR DIED.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.									ALL OTHER ADMISSIONS.					
	Duration before admission.			Hospital residence.			Whole duration.			Whole known period of mental disease.			Whole known period of hospital residence.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
A.—Recovered:															
Under 1 month.....	6	3	9	6	1	7	3	-	3	-	1	1	-	1	1
From 1 to 3 months.....	1	1	2	4	3	7	2	-	2	2	1	3	-	1	4
3 to 6 months.....	1	-	1	2	1	3	2	3	5	2	1	3	3	1	4
6 to 12 months.....	1	2	3	-	2	2	1	2	3	-	-	-	-	-	-
1 to 2 years.....	-	1	1	-	-	-	1	1	2	-	1	1	-	1	1
2 to 5 years.....	2	-	2	-	-	-	2	1	3	-	-	-	-	-	-
5 to 10 years.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 to 20 years.....	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-
Over 20 years.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	12	7	19	12	7	19	12	7	19	4	4	8	4	4	8
B.—Died:															
Congenital.....	1	1	2	-	-	-	1	1	2	1	-	1	-	-	-
Under 1 month.....	1	-	1	9	2	11	-	-	-	-	-	-	-	-	-
From 1 to 3 months.....	4	-	4	3	1	4	3	-	3	-	-	-	-	-	-
3 to 6 months.....	1	4	5	1	1	2	-	1	1	1	-	1	-	-	-
6 to 12 months.....	5	-	5	2	3	5	5	2	7	-	-	-	1	-	1
1 to 2 years.....	2	2	4	3	4	7	2	-	2	-	-	-	5	3	8
2 to 5 years.....	2	4	6	4	3	7	4	5	9	2	-	2	5	1	6
5 to 10 years.....	5	3	8	-	2	2	6	2	8	2	1	3	3	1	4
10 to 20 years.....	1	2	3	1	-	1	1	4	5	8	1	9	3	-	3
Over 20 years.....	-	-	-	-	-	-	-	1	1	3	3	6	-	-	-
Unknown.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Totals.....	23	16	39	23	16	39	23	16	39	17	5	22	17	5	22

TABLE No. 14.

SHOWING THE OPERATION OF THE HOSPITAL FROM ITS COMMENCEMENT TO THE  
PRESENT TIME.

Year.	Admitted.	Discharged.	Whole number under treatment.	Recovered.	Improved.	Unimproved.	Died.	Greatest number in hospital on any day.	Least number in hospital on any day.	Remaining at end of the year.	Daily average number for the year.
1901..	214	16	214	10	4	2	5	187	106	198	182
1902..	111	68	304	37	26	5	27	219	188	209	206
1903..	118	85	327	34	16	2	26	238	214	216	224
1904..	135	82	351	47	27	6	15	255	215	254	232
1905..	116	88	370	50	26	2	32	273	249	249	261.6
1906..	129	83	378	-	-	-	31	276	219	227	254.1
1907..	126	83	346	24	19	8	26	264	213	263	234.4
1908..	140	112	403	29	23	19	28	262	292	291	279.8
1909..	128	45	419	12	12	13	44	319	290	330	303
1910..	235	69	538	21	24	17	54	415	304	405	376.4
1911..	252	75	692	29	31	12	50	516	403	509	477.2
1912..	191	88	750	27	30	18	61	553	508	553	525.6

VALUATION OF PROPERTY (REAL ESTATE) EASTERN MAINE INSANE  
HOSPITAL.

Grounds and farm.....	\$23,000 00
Hay barns (2).....	1,000 00
House (farmer's).....	2,500 00
House (steward's).....	6,000 00
Stable.....	2,000 00
Administration building (including corridor, amusement hall, kitchen and laundry).....	175,000 00
Wing "C".....	112,500 00
Wing "E".....	112,500 00
Wing "D".....	158,000 00
Wing "F".....	172,000 00
Tubercular hospital.....	33,820 00
Barn.....	8,095 00
Vegetable cellar and tool house.....	3,818 00
Ice house.....	1,100 00
Piggery.....	1,800 00
Old vegetable cellar.....	1,000 00
Cart shed.....	500 00
Power plant.....	27,000 00
Fire escapes.....	800 00
Roads and sidewalks.....	5,000 00
	<hr/>
	\$847,433 00

# EASTERN MAINE INSANE HOSPITAL

## STEWARD AND TREASURER'S REPORT.

*To the Board of Hospital Trustees:*

I herewith present my report of the financial affairs of the Eastern Maine Insane Hospital for the year ending November 30, 1912.

### Statement of Income and Expenses for the Year Ending November 30, 1912.

INCOME.			
Farm products account.....	\$9,781 34		
Board account.....	11,384 10		
Interest and discount.....	84 54		
Board of employees.....	17,532 49		
Robie Amusement Fund.....	140 00		
Increase in salary allowed L. W. Somers by Trustees and disallowed by Auditor Stevens	100 00		
State of Maine appropriation account.....	136,135 61	\$175,158 08	
EXPENSES.			
Stable labor.....	\$1,102 82		
New equipment.....	156 50		
Repairs to equipment.....	338 63		
Hay.....	406 55		
Feed.....	129 26		
Horses.....	75 00		
Miscellaneous.....	304 44	2,513 20	
Admr. Expense, clerk hire.....	\$3,341 23		
Tel. and Tel.....	212 11		
Office supplies.....	1,143 35		
Books and periodicals.....	69 22		
Traveling expenses.....	178 16		
Miscellaneous.....	229 57	5,173 64	
Farm, labor.....	\$3,044 44		
Equipment, tools, etc.....	313 89		
Repairs to equipment.....	51 09		
Feed.....	710 47		
Fertilizer, seed, etc.....	3,621 93		
Horses.....	300 00		
Miscellaneous.....	3,337 50	11,379 32	
Maintenance of property, labor.....	\$8,576 03		
Materials.....	4,243 97		
Insurance.....	147 37		
Miscellaneous.....	4 77	12,972 14	

**Statement of Income and Expenses for the Year Ending November 30,  
1912—Concluded.**

Light, heat and power, labor.....	\$7,407 73			
Coal used.....	16,477 25			
Electric sup.....	1,815 52			
Pipe and fittings.....	2,011 75			
Miscellaneous.....	1,224 46	28,936 71		
General supplies, grocery store.....	\$48,683 07			
Dry goods.....	3,945 51			
Hospital furnish.....	8,119 78			
Dispensary.....	1,345 34			
Water.....	1,003 33			
Ice.....	808 68			
Fuel account.....	1,494 11	65,399 82		
Pay roll of employees.....	\$40,678 29			
Salaries of officers.....	7,490 39	48,168 68		
Amusements.....			614 57	
				\$175,158 08

**STATEMENT OF APPROPRIATION.**

APPROPRIATION FOR MAINTENANCE.		Expended to November 30, 1912.	Expended to December 31, 1912.	Unexpended reverts to State.
Dec. 1911.....	\$9,862 50			
1912 to Dec. 31.....	121,350 00			
1912 special.....	45,000 00			
	\$176,212 50	\$136,135 61	\$147,480 25	\$28,732 25



**Statement of Resources and Liabilities for the Year Ending  
November 30, 1912.**

RESOURCES.		
Cash on hand.....	\$861	93
Due from patients for support.....	6,564	61
Morse farm.....	4,300	00
Vegetable cellar and tool house.....	3,818	70
Piggery extension.....	593	78
Male wing, D. right.....	171,819	05
Due on 1912 appropriation to November 30, 1912.....	7,273	11
Inventory, stable, miscellaneous.....	20	00
Horses.....	800	00
Hay.....	135	00
New equipment.....	1,261	75
Admr. expense, books and periodicals.....	588	25
Admr. expense, office supplies.....	1,259	62
Farm, miscellaneous.....	9,038	90
Horses.....	1,150	00
Fertilizer, seed, etc.....	336	65
Equipment, tools, etc.....	2,251	84
Maintenance of property, miscellaneous.....	1,648	61
Insurance.....	285	15
Materials.....	2,715	20
Light, heat and power, miscellaneous.....	4,566	57
Pipe and fittings.....	2,228	81
Electrical supplies.....	2,643	35
General supplies, dispensary.....	2,853	20
Hospital furnishings.....	52,026	30
Dry goods.....	3,118	02
Grocery store.....	3,791	49
Coal.....	9,015	76
Fuel.....	512	25
Amounts carried against the State of Maine pending action of Legislature as follows:		
Interest on note disallowed by Auditor Hatch.....	266	67
Interest on purchases disallowed by Auditor Stevens.....	733	92
Increase in salary allowed to L. W. Somers by Trustees dis- allowed by State Auditor Stevens.....	100	00
Due from State of Maine account Robie Amusement Fund.....	140	00
		\$298,718 49
LIABILITIES.		
Audited vouchers.....	\$26,310	23
Hospital account.....	272,408	26
		298,718 49

Respectfully submitted,

WILLIAM THOMPSON,

*Steward and Treasurer.*

**Farm Products—1912.**

150		Bunches Beets .....	\$6 38
180	2-3	Bu. Beets .....	108 67
32	1-2	Bu. Beet Greens .....	24 39
73	1-4	Bu. String Beans .....	47 02
50		Bu. Yellow Eye Beans .....	125 00
332		Qts. Shell Beans .....	39 84
634		Doz. Heads Cauliflower .....	45 45
348	5-6	Doz. Heads Cabbage .....	226 65
124	41-78	Bu. Carrots .....	62 26
214	2-3	Doz. Heads Celery .....	88 80
275	1-4	Doz. Ears Green Corn .....	39 43
11,511		Cucumbers .....	144 63
209	1-2	Doz. Heads Lettuce .....	121 40
72	3-4	Bu. Green Peas .....	114 94
7,695	1-4	Bu. Potatoes .....	4,244 42
674		Bunches Radishes .....	28 06
13,738		Pounds Squash .....	231 77
71	1-2	Bu. Green Tomatoes .....	37 60
28	1-2	Bu. Spinach .....	14 25
863	3-5	Bu. Turnips .....	268 98
95		Boxes Blackberries .....	13 20
6		Boxes Raspberries .....	90
3		Boxes Currants .....	45
13	1-2	Tons Corn Fodder raised for hogs .....	54 00
60		Tons first quality hay .....	900 00
40		Tons Straw .....	320 00
1,858		Bu. Oats .....	854 68
		Pork Products .....	1,605 53
2	7-50	Tons Cattle Beet .....	12 84
			<b>\$9,781 34</b>