

B

The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

Mass. STATE INFIRMARY

AT TEWKSBURY

FOR THE

YEAR ENDING NOVEMBER 30, 1927

DEPARTMENT OF PUBLIC WELFARE



C

The Commonwealth of Massachusetts

OFFICERS OF THE STATE INFIRMARY TRUSTEES

G. FORREST MARTIN, M.D., *Chairman*, LOWELL.
FRANCIS W. ANTHONY, M.D., *Vice-Chairman*, HAVERHILL.
MRS. NELLIE E. TALBOT, *Secretary*, BROOKLINE.
HON. DENNIS D. SULLIVAN, MIDDLEBOROUGH.
MRS. MARY E. COGAN, STONEHAM.
WALTER F. DEARBORN, M.D., CAMBRIDGE.
ROBERT G. STONE, BROOKLINE.

RESIDENT OFFICERS

JOHN H. NICHOLS, M.D., *Superintendent and Resident Physician*.
GEORGE A. PEIRCE, M.D., *Assistant Superintendent and Physician*.
CHARLES L. TRICKEY, M.D., *First Assistant Physician*.
ANNA E. BARKER, M.D., *Assistant Physician*.
EDWARD J. O'DONOUGHUE, *Assistant Physician*.
CHARLES J. CARDEN, M.D., *Assistant Physician*.
JAMES F. LAWLER, M.D., *Assistant Physician*.
ARTHUR K. DRAKE, M.D., *Assistant Physician*.
GEORGE H. CLEARY, M.D., *Assistant Physician*.
SAMUEL A. DIBBONS, M.D., *Assistant Physician*.
WILLIAM R. IZZO, M.D., *Assistant Physician*.
WILLIAM F. MAGUIRE, D.M.D., *Dentist*.
THOMAS F. FLYNN, *Steward*.
ROBERT E. GAY, *Chief Clerk*.

CONSULTING BOARD OF PHYSICIANS AND SURGEONS

CHARLES M. GREEN, M.D., BOSTON.
HARDY PHIPPEN, M.D., SALEM.
HARVEY P. TOWLE, M.D., BOSTON.
WALTER E. PAUL, M.D., BOSTON.
ARTHUR K. STONE, M.D., BOSTON.
WILLIAM B. JACKSON, M.D., LOWELL.

TRUSTEES' REPORT

To His Excellency the Governor, and the Honorable Council:

The trustees of the State Infirmary herewith submit the seventy-fourth annual report, for the year ending November 30, 1927.

On November 30, 1927, there were 2,539 inmates at the State Infirmary, this number comparing with 2,451, on November 30, 1926.

During the year ending November 30, 1927, the daily average number of patients was 2,442, as compared with 2,421, in the preceding year, an increase in the daily average of 21.

Under Chapter 138, Acts of 1927, there was appropriated for the State Infirmary, the sum of \$957,800.00. In addition, \$492.15 of the unspent balance of the 1926 appropriation for expenses, was brought forward into 1927, making the total amount available for maintenance, \$958,292.15. This compares with \$928,468.91, the appropriation for the preceding year.

During the year there has been spent a total of \$931,900.93, which compares with \$925,542.34, in the preceding year, or an increase in expenditures in the recent fiscal year of \$6,367.62. This increase is slightly less than 1 per cent.

As required by law, we have turned back into the State Treasury, \$105,253.14, received for articles sold and for care of individual and municipal cases, leaving a net outlay of \$826,656.82. The net weekly per capita cost for the care of patients has been \$6.51.

From a balance of \$896.49, from special appropriation for fire protection, under item 99-A, Chapter 347, Acts of 1925, \$858.21 has been expended.

Under Chapter 79, Acts of 1926, special appropriations, there was appropriated \$9,400, for asylum for women improvements; \$7,112.77 has been expended.

There was appropriated under Chapter 138, Acts of 1927, special appropriation, the sum of \$35,500, for a building for male inmates. Of this sum \$50 has been expended.

Items for which we request that special appropriations shall be granted by the Legislature, with the estimated costs, were filed with the Commissioner of Administration and Finance, on October 15, 1927, as follows:

Maternity Hospital improvements	\$17,498 00
Laundry equipment and extension	30,901 00
Water Tower	27,500 00
Power House equipment	30,963 00
Purchase of real estate	2,000 00

We feel that we should energetically urge the need of modernizing our maternity building. It is inadequate and far from being up to date in equipment.

The laundry extension and equipment are practically a necessity. The recent survey made by the American Laundry Machinery Company emphasized this need in their report.

Several times, in years past, we have called attention to the responsibility resting upon our old water tower. We hope that no fire will ever occur to tax its capacity, but urgently request a better tower.

The small piece of real estate for which \$2,000 is needed, is practically surrounded by our lands, and could be used to good advantage.

Our constant efforts to keep our buildings in good condition have continued. Our men are constantly going from one piece of work to another, and while much more could have been done by increased expenditures and the employment of more help, yet the progress has been on the whole very satisfactory.

We have had our problems, from time to time during the year, but none that proved too serious.

The self-forgetful service of our Superintendent has been, as always, in evidence, and our staff of physicians and nurses have supported him well.

A preliminary study being made for necessary work upon roads and walks, is not yet far enough advanced to present an estimate at this time.

FORREST D. MARTIN, *Chairman.*
 FRANCIS W. ANTHONY, *Vice-Chairman.*
 NELLIE E. TALBOT, *Secretary.*
 ROBERT G. STONE.
 WALTER F. DEARBORN.
 MARY E. COGAN.
 DENNIS D. SULLIVAN.

SUPERINTENDENT'S REPORT

To the Trustees of the State Infirmiry:

I have the honor of presenting to you the seventy-fourth annual report of the State Infirmiry for the year beginning December 1, 1926, and ending November 30, 1927.

The records for 1927 show that during the year, 5,027 people have been cared for — 3,365 males and 1,662 females — 167 less than the previous year, and at the end of the fiscal year there were 2,539 people in the institution, which is 88 more. The largest daily census was 2,698, on February 2, an increase of 61 over the previous year, and the smallest daily census was 2,248, on July 6, which is 14 less. The daily average number of people was 2,442, or 21 more than in 1926.

The number of births was 105 — 64 males and 41 females, which is 8 less than the previous year. There were 433 deaths — 374 in the general hospital and 59 in the department for the insane — 299 were males and 134 females, which is 106 less than the previous year.

The expenditure for maintenance was \$931,909.96 — \$539,672.74 general ex-

penditures and \$392,237.22 for salaries. The average weekly per capita cost was \$7.34.

The amount of \$105,253.14 was received for the support of city, town and United States cases cared for at the Infirmary, for articles sold, etc., which leaves a net cost of \$826,656.82, for maintenance of the institution for the year, and a net weekly per capita cost of \$6.51. Under the heading of special appropriations, \$8,000.98 was expended, as shown in detail in the financial report.

Among the 4,111 diseases of the patients treated in the hospital wards there were 72 diseases of the spinal cord, a decrease of 25, and 279 cases of cardiac disease, or a decrease of 49. There were 81 cases of feeble-mindedness, an increase of 25; 64 cases of mental disease, 8 cases of epilepsy, 117 cases of alcoholism, a decrease of 95; 6 cases of scarlet fever, 2 erysipelas, 112 cases of syphilis, an increase of 5; 101 cases of gonococcus infection, an increase of 26; 110 cases of cancer, a decrease of 25; 574 cases of arteriosclerosis, 163 of respiratory system with 17 deaths; 191 cases of gastro-intestinal disease with 3 deaths; 169 puerperal state, 85 diseases of early infancy with 1 death; 84 diseases of the genito-urinary tract, 9 deaths; 143 of skin and cellular tissue, 1 death; 115 of the bones and joints, 594 diseases of the nervous system and organs of special sense, 36 deaths; 1,133 general diseases with 143 deaths; 976 diseases of the circulatory system with 115 deaths; 158 due to accident or external causes with 3 deaths.

There were 5 deaths due to chronic nephritis, 2 from enteritis, 11 from pneumonia, 56 cardiac and 97 arteriosclerosis.

Two thousand and ninety of these patients were treated in the men's hospital, which is still overcrowded, although 41 additional beds have been provided. In this department the average age of the patients has been 66 years.

Sun treatment has continued to help the sick and helpless medical and surgical patients.

The Monday afternoon eye clinic has continued and all cases needing glasses in the various departments of the institution have been supplied through this department.

A complete survey of patients in the men's house department was made in the spring by the entire medical staff. Physical examinations were made, recorded, and filed for future reference. These house patients were for the most part aged and feeble men, or handicapped by former injury or disease.

The old X-Ray equipment has been exchanged for a complete Wappler Unit, both fluoroscopic and radiographic. A Monex or valve tube transformer is a part of this equipment.

Through the courtesy of the State Department of Health and the coöperation of the Superintendent of the State Cancer Hospital at Pondville, radium treatment has been possible for a few of our cancer patients. Some patients are taken to Pondville for single day treatments, while others remain for varying lengths of time.

In the women's department the systematic treatment of venereal diseases has continued. Table treatments are given twice weekly. We have had five cases of gonorrheal arthritis during this period in which the result of treatment has been very satisfactory. In the follow-up treatment of syphilis, after the receipt of the first negative blood the patient is given one month's rest and then the blood is re-examined. The number of gonorrhea patients was 53, total number of days in the hospital, 3,951, averaging 74 days per patient, a decrease of 11 days per patient over the previous year. There were 102 patients given treatment for syphilis, total days in the hospital, 5,719, averaging 56 days per patient, a decrease of 4 days.

In the obstetrical clinic we have had 105 births. These include 88 normal deliveries, 4 low forceps, 5 high mid-forceps, 3 breech extractions and 3 Caesarean sections. There has been one pair of twins and one stillborn, which was in a case of rupture of the uterus during pregnancy, with a normal convalescence following operation. The scope of the prenatal work has enlarged this year. A weekly prenatal clinic is held, with the recording of blood pressure, weight and urine examination, along with a check up on the expectant mother's general physical condition.

The following operations have been performed in the women's hospital: 5 uter-

ine dilatations and curetages, 4 hemorrhoidectomies, 25 tonsillectomy and adenoidectomy, 5 resection of uterine adnexa, 9 uterine suspensions, 7 appendectomy, 2 mastoidectomy, 2 hysterectomy, 1 perineal repair, 1 epulis, 1 amputation of uterine cervix, 1 cholecystotomy, and 1 resection of abdominal sinus.

In the department for tuberculosis, the total number of admissions was 232, classified as minimal, 20; moderately advanced, 55; advanced, 157. In the men's department, 182 were admitted with a total of 336 cases treated; 10 were discharged as arrested; 80 relieved; 90 not relieved and 57 deaths. There were 156 remaining at the end of the year. In the women's department there were 50 admissions, 5 were discharged as arrested, 20 relieved, 19 not relieved and 13 deaths. There were 39 cases remaining at the end of the year.

Other forms include 2 cases of tuberculosis of the hip, 4 spine, 2 wrist, 10 glands, 1 ankle, 1 knee, 1 sacrum, 2 skin, 3 peritoneum, 18 hilum, total, 44.

At the beginning of the year the hilum cases were transferred to other state sanatoria but since then there have been 10 admissions, all with one exception of hilum tuberculosis.

The statistics for the department for the insane are for the twelve months beginning October 1, 1926, and ending September 30, 1927.

There were 106 admissions, 40 as first admissions, 3 as readmissions, and 63 were transferred from other hospitals for the insane. The daily average number of patients has been 765.6 — 225.9 male and 539.7 female. There were 59 deaths; 24 were males and 35 females.

Ten were discharged from the books, 2 males and 8 females; 2 were discharged as recovered and the other 8 as improved.

The slight increase in the number of deaths, over the previous five-year period, is due largely to deaths among the aged from diseases of the circulatory system. There was an increase of three deaths from tuberculosis of the lungs, although there are only a very few cases of this disease in the asylum department at the present time. A marked diminution in the number of admissions for general paralysis is noted.

We are constantly making a strong effort to keep as many of our insane productively occupied as possible. An average of 154 men — 246 women — total, 401, were thus employed during the past year, the percentage of the employed to the total population being approximately 53%.

One aged insane woman was successfully operated upon for cancer of the breast, another for an acute gall bladder infection, and one young woman operated upon for exophthalmic goitre, a subtotal thyroidectomy being performed by Dr. G. Forrest Martin. An intestinal drainage was performed on an aged woman suffering from intestinal obstruction, the result of volvulus of the sigmoid. This operation undoubtedly prolonged the patient's life and lessened her suffering. Other smaller and less noteworthy operations were also performed.

There has been a steady increase in the population of the mental wards, the present number being the largest ever recorded. The buildings on the women's side are overcrowded, and on the men's side, 7 recovered, quiet or greatly improved cases have been sent to the men's pavilion of the general hospital.

In the dental department a new system of examination of all patients as they are admitted to either the men's or the women's departments, has been adopted. A record slip is made out telling the condition of each patient's teeth, gums and oral cavity. Any slight irregularity that resembles malignancy is referred to the medical staff. This year shows a marked increase in plate work.

The boys have had systematic examinations every four months, and a talk on the proper use of a tooth brush.

A gas-oxygen machine has been added to our equipment.

The summary of work for the year is as follows:

Chair patients	1,412	
Plates	243	
Repaired plates	62	
Amalgam fillings	204	
Cement fillings	266	
Porcelain fillings	129	
Extractions	1,404	
Prophylaxis	705	
Bridges	7	
Extractions with ether	5	
Fractures	3	
Treatments	{ Pyorrhoea	47
	{ Vincent's angina	29
	{ Stomatitis	6
	{ Temporary stopping	41
	{ Post operative	9

The multiplicity of laboratory tests as diagnostic aids and curative measures requiring greater skill, and more time, has increased as follows: bacteriological examinations, 3,866; Wassermann tests for syphilis (blood and spinal fluids), 2,310; urine examinations including routine quantitative sugar and albumin, lead, and renal functions, 10,708; blood examinations (chemical, cystological, etc.), 523; spinal fluid examinations (culture, cell counts, albumin, globulin, etc.), 3; vaccines, 15; faeces examinations, 96; gastric analyses, 24; guinea-pig inoculations, 69; milk examinations, 1,322; Schick tests, 237; surgical specimens, 33; autopsies, 41.

The training school for nurses through another year has maintained its customary high standards under the efficient direction of Mrs. McDonald, with most commendable coöperation on the part of all of the medical staff in their lectures, clinics and demonstrations, making it possible to meet the recent requirements of the Board of Registration in Nursing, that appeared to present many difficulties at the beginning of the training school year but which have proved to be of marked advantage to the pupils as well as to the hospital.

Miss Bessie Wadleigh, instructor, resigned her position, after six years of most acceptable service, to return to her home in Tilton, N. H. Mrs. Katherine Durgin, of Syracuse, N. Y., was appointed to fill this vacancy, having previously served as instructor in the course for attendant nurses, and taken special courses at Simmons College. Six hundred and forty-nine (649) hours were devoted to classroom work including lectures, quizzes, laboratory work and demonstrations. Certificates as affiliated nurses were given to Martha Elizabeth Axelson and Alice Ellen O'Leary of the Northampton State Hospital.

Graduation exercises were held in the Chapel on September 14, 1927. The address was given by Dr. G. Forrest Martin, Chairman of the Board, and diplomas were presented to the following nurses: Helen Margaret Costello, Margaret Mary Almon, Alice Stott, Beatrice Elizabeth Greenwood, May Anne Conlon, Dorothy Elizabeth Lang, Evelyn Virginia Strout, Anna Katherine King, Margaret Josephine Sheerin, Stephen Diomedé Mahoney, and Mary Josephine Sullivan.

Commendable work has been accomplished in the one-year course for attendant nurses. Graduation exercises for this course were held on December 29, 1926, and certificates were presented to the following graduates: Charlotte Gladys MacEwen, Gertrude Cashman, Catherine Teresa Sullivan, Margaret Mary Cavanaugh, Bessie Marie Turner, Maude Buxton Maher, May Sophia Podgorni, Leila Magoon Tarbell, Helen Mary Vyskocka, Dolores Yvonne Duffy, Margaret Mary Brazel, Evelyn Wilman Linton, Euphemia Butt and Annie Frances Gibbons.

On December 1, 1926, there was a total of 179 in the nursing department, and on December 1, 1927, this number had increased to 188, as follows: 27 registered nurses; 1 graduate nurse; 29 pupil nurses; preliminary class, 31; graduate attendants, 26; attendants in training, 15; regular attendants, 54; matrons, 5. To the above total should be added 7 male supervisors and 45 male attendants, making a total of 240 employed in ward service.

Proceeding with the farm, the dairy herd accredited free from tuberculosis

since 1924, consists of 97 pure bred and 46 grade Holstein cattle including young stock. From an average of 83 cows including 15 in the first lactation period, 910,102 pounds of milk have been produced, an average of 10,965 pounds per cow. Forty-nine thousand four hundred and sixty-eight (49,468) pounds of pork were produced, with 286 head of swine remaining at the end of the year. Eleven thousand two hundred and fifty (11,250) dozen eggs were produced at the poultry plant, and 2,981 pounds of dressed poultry.

Among other products of the farm, include 614 tons ensilage, 1,080 bushels turnips, 1,188 bushels carrots, 755 bushels onions, 456 bushels beets, 577 bushels parsnips, 536 bushels tomatoes, 2,109 bushels potatoes, 44,519 pounds cabbage, 60,423 pounds squash, 253 tons of English hay and 40 tons of other fodder.

Two new metal silos have been erected at the barn, a shed for housing sleds and carts, with basement arranged for the accommodation of young stock; one poultry house completed, two filter beds have been resurfaced, and 10 acres of pasture land cleared and drained.

In the engineering department some of the outstanding work of repairs and improvements is as follows: high-pressure lines have been run to the men's and to the women's tuberculosis hospitals and to reclamation shop where also a new water line, electric wiring, and a heating plant have been installed. Changes have also been made in the heating, drainage and water lines to asylum 7. Wiring and additional lights have been installed in the Chapel, men's hospital, nurses' home, asylum 8, barn and pumping station. A large amount of plastering and painting has been done in the old asylum building, asylum 8, asylum 5, basements of the men's hospital, women's tuberculosis wards, employees' building, and at the reclamation shop. General repairs in all parts of the institution have been well taken care of, which include the enlargement and wiring of the X-Ray room, the installation of a new pasteurizer at the domestic building and the repairing of the three old silos. A new pump has been installed at the pumping station, a 6-inch pipe-threading machine added to the equipment at the machine shop, and a stoker added to No. 5 boiler. The side and bridge walls on all boilers have been repaired, and the front ends of four boilers reset. All generators and machinery in the power plant were overhauled during the summer months.

New toilet sections have been installed at the men's hospital, and floors and wood-work have been resurfaced at the men's and the women's hospitals, administration building and the old asylum building. Twelve thousand (12,000) square feet of roofs have been shingled as well as extensive repairs to copper, slate and gravel roofing.

The work of renovating the toilet sections of the long asylum is well advanced, and the foundation for the new lodge for men is nearly completed.

In the carpenter and machine shop, the following include some of the more important articles made or repaired: 24 new wheel-chairs, 8 cabinets, 51 sash, 5 closets, 1 laundry table, 52 small tables, 5 pedestals, 13 flower stands, 43 boxes for patients' belongings, 90 window screens, 3 screen doors, 1 music cabinet, 1,200 feet of moulding, 66 large dish pans, 12 metal dish baskets, 9 bed screens, 2 dozen cereal pails with covers, 1 dozen coffee cans, 12 chain-drop lights; repaired 430 chairs, rebuilt 4 washers for laundry, and made 780 pounds of brass castings.

Among the articles manufactured in the industrial rooms, which are of special interest, there were 493 mattresses, 717 pillows, 500 dozen sheets, 654 dozen pillow slips, 95 dozen men's shirts, 75 dozen men's stockings, 10 dozen pajamas, 78 dozen laundry bags, 508 mats and rugs, 1,208 yards of toweling, 1,262 dozen towels, 317 dozen women's dresses, and under the heading of infants' clothing, there were 125 dozen dresses, 75 dozen shirts, 16 dozen shawls, 466 dozen diapers and 45 dozen petticoats.

Among the items repaired were 3,655 pairs shoes, 999 dozen stockings, 694 dozen men's underwear, 516 dozen women's underwear, 637 dozen men's shirts, 552 dozen women's dresses, 128 chairs, 140 tables, 26 bath hammocks, 18 mattresses, and 7 flags.

In compliance with the provisions of section 3, chapter 29, of the General Laws, the following estimates for the coming year have been submitted:

<i>Object for which Appropriation is required</i>	<i>Estimates for Fiscal year, 1928</i>	<i>Last Appropriation</i>
Personal services	\$465,270	\$400,400
Religious services	2,100	2,100
Travel, transportation and office expense	5,500	6,000
Food	232,400	240,000
Clothing and materials	66,000	66,000
Heat, light and power	64,910	76,000
Medical and general care	36,300	33,000
Furnishings and household supplies	43,250	43,000
Farm	37,505	35,000
Garage, stable and grounds	12,515	11,000
Repairs, ordinary	31,550	30,000
Repairs and renewals	14,209	15,300
Totals	<u>\$1,011,509</u>	<u>\$957,800</u>

In compliance with section 4, chapter 29, of the General Laws, the following estimates for special objects and items are submitted:

Maternity Hospital improvements	\$17,498 00
Laundry equipment and extension	30,901 00
Water Tower	27,500 00
Power House equipment	30,963 00
Purchase of real estate	2,000 00
	<u>\$108,862 00</u>

Special visitations during the year were made by the Committee on Public Institutions, May 12, 1927; superintendent and the senior class from the Lowell General Hospital, May 13; class in social ethics from Simmons College, June 9; members of the Governor's Council, July 6; garden clubs of Lowell and Chelmsford, June 28; the Middlesex North, South and East Districts and the Essex North and South Districts of the Massachusetts Medical Society, a joint meeting at the State Infirmary on October 19; November 4, a class in social work from the Department of Public Welfare; November 14, the meeting of the men visitors of the Division of Child Guardianship, and on November 22, Dr. Cabot with his class in social ethics from Radcliffe College.

Innumerable visitors, special guests and societies came to entertain, to assist, and to cheer, bringing gifts and refreshment to patients in all parts of the institution during the year, and many others have sent their contributions and innumerable gifts that reached all of our patients at Christmas time. The Social Workers from the Division of Aid and Relief lead all others excepting the employees here at the Infirmary, all of whom unstintingly worked and planned to make the Christmas holidays so joyous as to be remembered throughout the year.

Words are inadequate to express appreciation, in behalf of our patients, for the comfort, cheer and spiritual guidance, and for the faithful services of our chaplains, the Rev. Moses Sedar, Rev. Father Fleming, and associates of the Novitiate of the Oblate Fathers, and the Rev. Charles Frederick, in their regular and special visits to our hospital wards.

I wish to acknowledge my obligations to the medical staff, the nurses and all of the other employees who have assisted me during the year.

Especially do I feel indebted to the Commissioner of Public Welfare for the kindness and never-failing interest in all of the problems concerning the administration of the Infirmary, and the cooperation of the Director of the Division of Aid and Relief and associates throughout the year.

To you the members of the Board of Trustees who carry the responsibilities and direct the policies of the State Infirmary, for the guidance, counsel and encouragement, and for the assistance so generously given at all times to me in this work, my gratitude is beyond measure.

Respectfully submitted,

JOHN H. NICHOLS, M.D.,
Superintendent and Resident Physician.

FINANCIAL REPORT

To the Trustees of the State Infirmiry:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1927:

INCOME STATEMENT

Board of inmates	\$100,025 43
Personal services:	
Receipts from the Board of Retirement	352 71
Sales	4,270 88
Interest on bank balances	418 66
Miscellaneous	185 46
<hr/>	
Total income	\$105,253 14

MAINTENANCE

Balance from previous year, brought forward	\$492 15
Appropriation, current year	957,800 00
<hr/>	
Total	\$958,292 15
Expenses (as analyzed below)	931,909 96
<hr/>	
Balance reverting to treasury of Commonwealth	\$26,382 19

EXPENDITURES

	Bills Passed for Payment	Actual Expense Basis
Personal services	\$392,237 22	\$392,237 22
Food	223,834 76	289,538 12
Medical and general care	37,215 22	38,004 48
Farm	35,836 14	34,318 84
Heat, light and power	68,486 60	58,777 03
Garage, stable and grounds	10,377 16	10,502 97
Travel, transportation and office expenses	5,475 14	5,497 57
Religious instruction	2,125 63	2,128 17
Clothing and materials	59,747 62	59,497 81
Furnishings and household supplies	46,094 56	43,393 06
Repairs, ordinary	36,509 56	37,075 56
Repairs and renewals	13,970 35	14,284 07
<hr/>		
Total	\$931,909 96	\$985,254 90
Supplies on hand December 1, 1926	\$36,124 38	
Supplies on hand November 30, 1927	\$59,433 12	
Plus increase in supplies on hand		23,308 74
<hr/>		
		\$1,008,563 64
Less farm products transferred to supplies	\$67,337 44	
Less cash discounts — maintenance	9,316 24	
<hr/>		
		76,653 68

Equals "Bills passed for payment" \$931,909 96

Total receipts and payments are in agreement with Comptroller's books of accounts.

JAMES C. McCORMICK, *Comptroller.*

SPECIAL APPROPRIATIONS

	Appropriation	Expended During Fiscal Year	Expended to Date	Balance
Fire protection — 1925	\$11,500 00	\$838 21	\$11,441 72	\$58 28
Addition to Asylum for Women 9,400 00		7,112 77	7,112 77	2,287 23
Building for Male Inmates 35,500 00		50 00	50 00	34,450 00
<hr/>				
Totals	\$56,400 00	\$8,000 98	\$18,604 49	\$37,795 51

PER CAPITA

During the year the average number of inmates has been 2,442.13.

Total cost for maintenance, \$931,909.96.

Equal to a weekly per capita cost of \$7.34.

Institution income, \$105,253.14.

Net weekly per capita \$6.51.

Respectfully submitted,

JOHN H. NICHOLS, *Superintendent.*

VALUATION, NOVEMBER 30, 1927

REAL ESTATE		
Buildings	\$1,959,785	80
Land and other real estate	71,957	50
		\$2,031,743 30
PERSONAL PROPERTY		
Travel, transportation and office expense		\$526 86
Food		23,062 22
Clothing and materials		60,192 92
Furnishings and household supplies		256,977 80
Medical and general care		26,575 40
Heat, light and power		13,377 48
Farm		65,366 02
Garage, stable and grounds		17,119 69
Repairs, ordinary		15,065 10
		\$478,263 49
Totals		

STATISTICAL FORM FOR STATE INSTITUTIONS

(Prepared in accordance with a resolution of the National Conference of Charities and Correction, adopted May 15, 1906.)

Name of institution: STATE INFIRMARY.

Population

	Males	Females
Number of inmates present at beginning of fiscal year	1,387	1,064
Number received during the year	1,978	598
Number discharged or died during the year	1,870	618
Number at end of fiscal year	1,495	1,044
Daily average attendance (i.e., number of inmates actually present) during the year	1,396.5	1,045.5
Average number of officers and employees during the year	191.30	354.97

STATISTICAL STATEMENT

STATEMENT No. 1

Number in hospital December 1, 1926, 2,451; admitted during the year, 2,576; discharged during the year, 2,488; supported during the year, 5,027; deaths during the year, 433; births during the year, 105; weekly average, 2,442; present number, 2,539.

Of the 2,576 admitted during the twelve months ending November 30, 1927, there were from: Boston, 1,283; Lowell, 151; Tewksbury, 115; births, 105; Lawrence, 60; Worcester, 57; Fall River, 38; Springfield, 37; Industrial School for Girls, Lancaster, New Bedford, 28 each, 56; Danvers State Hospital, 26; Lynn, Chelsea, 25 each, 50; Haverhill, 20; Sherborn Reformatory, 19; Holyoke, Framingham, Somerville, 15 each, 45; Wilmington, Malden, Fitchburg, 14 each, 42; Medford, Methuen, Pittsfield, Revere, 13 each, 52; Everett, Andover, Gardner, Quincy, Waltham, 12 each, 60; Cambridge, 11; Peabody, 10; Beverly, 9; Amesbury, Billerica, Winthrop, 8 each, 24; Athol, Brockton, Leominster, Salem, 7 each, 28; Milford, Saugus, Taunton, 6 each, 18; Middleboro, Mansfield, North Reading State Sanatorium, Stoneham, Winchendon, Worcester State Hospital, Wrentham State School, 5 each, 35; Attleboro, Dedham, Dalton, Fairhaven,

Lexington, Newton, Natick, State Farm, Wakefield, Industrial School for Boys, Westboro, 4 each, 40; Arlington, Avon, Abington, Chelmsford, Danvers, Gloucester, Marlboro, Marblehead, Newburyport, North Brookfield, Rockland, Somerset, Westford, Watertown, Westfield, Williamstown, Walter E. Fernald State School, Waverley, Industrial School for Boys, Shirley, 3 each, 54; Ayer, Brookline, Braintree, Belmont, Blackstone, Belchertown, Clarksburg, Dracut, Dana, Easthampton, Hudson, Holliston, Maynard, Melrose, Norfolk, North Adams, Northbridge, Reading, Southbridge, Swampscott, Salisbury, Winchester, West Springfield, Webster, Weymouth, Wellesley, Weston, 2 each, 54; Adams, Acton, Amherst, Bridgewater, Burlington, Boylston, Boston State Hospital, Cummington, Chicopee, Charlton, Clinton, Colrain, Franklin, Falmouth, Georgetown, Groton, Groveland, Grafton, Hanson, Holden, Hingham, Hinsdale, Holbrook, Hull, Hancock, Lakeville State Sanatorium, Merrimac, Medfield, Lakeville, Millville, Marion, Middleton, Northampton, Norton, Norwood, North Adams, New Marlboro, Orange, Oxford, Palmer, Petersham, Pepperell, Phillipston, Plainville, Rutland, Rutland State Sanatorium, Randolph, Southboro, Sheffield, Spencer, Seekonk, Sandwich, Stow, Suffolk County Jail, Sharon, Tyngsboro, Topsfield, Wellfleet, Whitman, Westboro State Hospital, Worthington, Ware, Windsor, Westport, West Tisbury, 1 each, 65.

	Totals	Males	Females	Under 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	Over 90
1926													
December	305	254	51	15	10	28	17	48	84	75	27	1	-
1927													
January	275	228	47	27	12	20	23	32	78	58	20	4	1
February	179	143	36	23	3	21	11	35	34	31	19	2	-
March	175	118	57	22	12	24	17	21	29	27	21	2	-
April	168	119	49	12	12	17	16	15	32	43	20	1	-
May	170	132	38	18	10	18	9	21	35	37	17	5	-
June	199	148	51	21	15	16	15	20	40	44	20	6	2
July	210	138	72	15	18	24	15	23	55	37	18	4	1
August	175	137	38	17	12	18	11	20	34	41	19	3	-
September	203	157	46	17	14	20	16	27	41	46	18	4	-
October	164	140	24	11	3	10	16	17	38	46	22	1	-
November	353	264	89	36	30	37	31	43	71	71	32	2	-
Totals	2,576	1,978	598	234	151	253	197	322	571	556	253	35	4

STATEMENT No. 2

Nativity of Inmates

Massachusetts, 888; Ireland, 555; British Provinces, 310; Maine, 123; England, 87; New Hampshire, 71; New York, 62; Vermont, 48; Italy, 44; Poland, 37; Scotland, 32; Rhode Island, Russia, 27 each, 54; Connecticut, 25; Sweden, 23; Unknown, 17; Greece, 14; Lithuania, Pennsylvania, 12 each, 24; New Jersey, Germany, Georgia, 11 each, 33; Portugal, Armenia, Illinois, Austria, 8 each, 32; Maryland, Virginia, 7 each, 14; Cape Verde Islands, Finland, North Carolina, Ohio, 6 each, 24; Washington, 5; France, Indiana, Turkey, Wisconsin, 4 each, 16; Barbadoes, Florida, Missouri, Michigan, Syria, 3 each, 15; Alabama, Holland, Iowa, Servia, 2 each, 8; Albania, Azores, Belgium, born at sea, Colorado, Kentucky, Minnesota, Norway, Nebraska, Philippine Islands, South Carolina, Switzerland, South America, Ukraine, West Indies, 1 each, 15.

MATERNITY TABLE

Months	Totals	Males	Females	Stillborn		Living Births		Twins	Birthplaces of Mothers					
				Males	Females	Males	Females		United States	Ireland	British Provinces	Other Countries	Totals	
<i>1926</i>														
December	8	6	2	-	-	6	2	-	5	2	1	-	8	
<i>1927</i>														
January	9	6	3	-	-	6	3	-	5	-	2	2	9	
February	6	2	4	-	-	2	4	-	5	-	-	1	6	
March	10	2	2	-	-	2	2	-	6	-	3	1	10	
April	7	6	1	-	-	6	1	-	7	-	-	-	7	
May	11	6	5	-	1	6	4	-	10	-	-	1	11	
June	9	5	4	-	-	5	4	-	9	-	-	-	9	
July	10	4	6	-	-	4	6	2	9	-	-	1	10	
August	10	6	4	-	-	6	4	-	7	1	1	1	10	
September	7	4	3	-	-	4	3	-	5	1	-	1	7	
October	7	5	2	-	-	5	2	-	6	-	1	-	7	
November	11	6	5	-	-	6	5	-	9	-	2	-	11	
Totals	105	64	41	-	1	64	40	2	83	4	10	8	105	

TABLE OF DISEASES

Detailed Int. List No.	Diseases	Patients			Discharged				Still in Institution
		Totals	Males	Females	Well	Relieved	Not Relieved	Died	
<i>General Diseases</i>									
8	Scarlet fever	6	1	5	5	-	-	-	1
21	Erysipelas	2	2	-	-	-	-	-	-
25a	Chicken-pox	9	4	5	9	-	-	-	-
25c	Vaccinia	1	1	-	-	-	-	-	1
31	Tuberculosis of the Respiratory System	375	307	68	6	79	39	72	179
32	Tuberculosis of Meninges	1	1	-	-	-	-	1	-
33	Tuberculosis of Intestines and Peritoneum	5	4	1	-	3	-	-	2
34	Tuberculosis of Vertebral Column	4	3	1	-	1	1	-	2
35	Tuberculosis of the Joints	11	9	2	-	2	-	-	9
36	Tuberculosis of Other Organs	23	16	7	5	8	2	1	7
38a	Syphilis, Primary and Secondary	18	11	7	2	9	1	-	6
38b	Syphilis, Tertiary	33	18	15	1	10	2	-	20
38c	Syphilis, Congenital	22	15	7	-	5	3	3	11
38d	Syphilis, Latent	39	29	10	4	19	3	-	13
39	Chancroids	1	1	-	-	-	1	-	-
40	Gonococcus Infection	101	66	35	40	24	5	-	32
41	Purulent Infection	3	3	-	1	-	1	-	1
43	Cancer, Buccal Cavity	11	10	1	-	-	7	-	4
44	Cancer, Stomach and Liver	22	18	4	-	1	2	14	5
45	Cancer, Intestines and Peritoneum and Rectum	15	10	5	-	-	4	10	1
46	Cancer, Female Genital Organs	9	-	9	-	-	2	6	1
47	Cancer, Breast	3	3	-	3	-	-	2	1
48	Cancer, Skin	15	13	2	-	1	8	2	4
49a	Cancer, Bladder	3	1	2	-	-	1	2	-
49b	Cancer, Prostate	9	9	-	-	3	-	4	2
49c	Cancer, Larynx	3	3	-	-	-	-	3	-
49d	Cancer, Other Organs	20	18	2	-	-	5	14	1
50	Benign Tumors	1	1	-	-	-	-	-	1
52	Chronic Rheumatism, Osteoarthritis	208	186	22	27	62	1	3	115
57	Diabetes Mellitus	17	14	3	-	8	2	2	5
58a	Pernicious Anemia	7	6	1	-	2	-	2	3
58b	Other Anemias	4	2	2	-	2	-	-	2
59	Diseases of the Pituitary Gland	2	2	-	-	2	-	-	-
60a	Exophthalmic Goiter	1	1	-	-	-	-	-	-
60b	Other Diseases of the Thyroid Gland	2	2	-	-	-	2	-	-
62	Diseases of the Thymus Gland	2	2	-	-	-	-	2	-
65b	Hodgkin's Disease	3	3	-	-	-	2	-	1
66	Alcoholism	117	116	1	93	24	-	-	-
68	Drug Habit	3	2	1	-	2	1	-	-
69	Other General Diseases	2	2	-	1	1	-	-	-
<i>Diseases of Nervous System and Organs of Special Sense</i>									
70	Encephalitis	1	1	-	-	-	-	1	-
72	Tabes Dorsalis	48	35	13	-	7	6	10	25
73	Other Diseases of Spinal Cord	24	21	3	-	2	1	8	13
74	Cerebral Hemorrhage	25	19	6	-	1	-	16	8
75	Hemiplegia	112	70	42	-	12	11	-	89
76	General Paralysis of the Insane	3	2	1	-	-	3	-	-
77	Other Forms of Mental Alienation	61	31	30	-	15	34	-	12
78	Epilepsy	8	7	1	-	1	6	-	1
81	Chorea	6	3	3	-	2	-	-	4
82	Neuralgia and Neuritis	28	25	3	5	19	1	-	3
84a	Other Diseases of the Nervous System	103	83	20	2	18	10	1	72
84b	Feeble-minded	81	30	51	-	-	13	-	68
85	Diseases of Eye and Annexa	85	77	8	13	16	11	-	45
86	Diseases of Ear	9	7	2	1	-	2	-	6
<i>Diseases of the Circulatory System</i>									
88	Endocarditis and Myocarditis	273	232	41	-	86	21	52	114
89	Angina Pectoris	5	5	-	-	2	-	3	-
90	Other Diseases of the Heart	1	-	1	-	-	-	1	-
91	Diseases of Arteries:								
	a. Aneurysm	4	4	-	-	-	-	1	3
	b. Arteriosclerosis	574	441	133	-	102	36	97	339
92	Embolism	1	1	-	-	-	-	1	-
93	Diseases of the Veins	111	104	7	16	30	9	-	56
96	Other Diseases of the Circulatory System	7	5	2	-	5	2	-	-
<i>Diseases of the Respiratory System</i>									
97	Diseases of Nasal Fossæ	9	9	-	1	2	-	-	6
98	Diseases of Larynx	2	2	-	-	-	-	-	2

TABLE OF DISEASES — *Continued*

Detailed Int. List No.	Diseases	Patients			Discharged				Still in Institution
		Totals	Males	Females	Well	Relieved	Not Relieved	Died	
<i>Diseases of the Respiratory System — Con.</i>									
99a	Acute Bronchitis	18	18	—	8	—	—	—	10
99b	Chronic Bronchitis	56	54	2	—	30	4	—	22
100	Bronchial Pneumonia	4	1	—	—	—	—	4	—
101	Lobar Pneumonia	13	11	2	2	—	—	7	4
102	Pleurisy	20	20	—	6	8	1	—	5
104	Abscess, Lung	4	4	—	—	1	1	—	2
105	Asthma	36	32	4	—	7	—	6	21
106	Pulmonary Emphysema	1	1	—	—	1	—	—	—
<i>Diseases of the Digestive System</i>									
108	Diseases of the Mouth	5	5	—	2	1	—	—	2
109	Diseases of Pharynx and Tonsils	9	7	2	7	2	—	—	—
111	Ulcer of Stomach and Duodenum	6	6	—	—	5	—	—	1
112	Other Diseases of the Stomach	4	4	—	2	1	—	—	1
113	Diarrhoea and Enteritis (under 2 years)	2	1	1	—	—	—	2	—
114	Diarrhoea and Enteritis (over 2 years)	13	10	3	5	3	—	—	5
117	Appendicitis	4	3	1	4	—	—	—	—
118	Hernia	103	100	3	12	26	24	—	41
119	Other Diseases of the Intestines	20	16	4	5	10	2	—	3
122	Cirrhosis of Liver	4	3	1	—	2	—	—	1
124	Other Diseases of the Liver	1	1	—	—	1	—	—	—
127	Other Diseases of the Digestive System	20	19	1	3	11	—	—	6
<i>Non-Venereal Diseases of Genito-Urinary System and Annexa</i>									
129	Chronic Nephritis	22	22	—	—	10	—	5	7
131	Other Diseases of Kidneys and Annexa	6	5	1	—	—	—	—	6
133	Diseases of the Bladder	10	9	1	1	3	2	2	2
135	Diseases of the Prostate	17	17	—	1	1	—	2	8
136	Non-venereal Diseases	27	20	7	3	4	5	—	15
138	Salpingitis	2	—	2	2	—	—	—	—
<i>The Puerperal State</i>									
143	Pregnancy	128	—	128	105	—	4	—	19
	Convalescent Parturition	41	—	41	37	—	—	—	4
<i>Diseases of the Skin and Cellular Tissue</i>									
151	Gangrene	11	9	2	1	2	—	—	8
152	Furuncle	5	5	—	2	—	—	—	3
153	Acute Abscess	2	1	1	1	—	—	—	1
153b	Scabies	15	9	6	14	—	—	—	1
154	Other Diseases of Skin and Annexa	110	98	12	48	11	2	1	48
<i>Diseases of the Bones and of the Organs of Locomotion</i>									
155	Diseases of the Bones	20	17	3	2	6	2	—	10
158	Other Diseases of the Organs of Locomotion	95	87	8	13	25	11	—	46
<i>Malformations</i>									
159a	Hydrocephalus	7	6	1	—	—	—	3	4
159b	Congenital Malformations	3	—	3	—	—	—	3	—
<i>Early Infancy</i>									
161	Stillborn	1	—	1	—	—	—	1	—
162	Infancy	184	104	80	114	—	—	—	70
<i>External Causes</i>									
179	Burns	4	3	1	3	1	—	—	—
188	Accidental Traumatism	1	1	—	—	—	—	1	—
193	Frost Bite	4	3	1	1	1	—	—	2
201a	Fractures and Dislocations	87	78	9	49	5	2	1	30
201b	Sprains	10	10	—	9	—	—	—	1
202	Contusions and Abrasions	51	50	1	39	—	—	—	12
203	Other External Violence	1	1	—	—	—	—	1	—
<i>Ill-Defined Diseases</i>									
206	No disease	190	140	50	133	—	—	—	57
	Totals	4,111	3,136	975	868	767	328	374	1,774

TABLE OF DEATHS

Causes of Death	Totals	Males	Females	Table of Ages												
				Under 1 Year	1-5	5-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	
				31	Tuberculosis of Respiratory System	72	59	13	-	-	-	3	15	10	14	13
32	Tuberculosis of Meninges	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
36d	Tuberculosis of Other Organs	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-
38d	Congenital Syphilis	3	3	-	3	-	-	-	-	-	-	-	-	-	-	-
44	Cancer of Stomach and Liver	14	12	2	-	-	-	-	-	1	3	4	4	2	-	-
45	Cancer of Intestines and Peritoneum	10	6	4	-	-	-	-	-	-	1	1	5	3	-	-
46a	Cancer of Female Genital Organs	6	-	6	-	-	-	-	-	-	-	1	5	-	-	-
47	Cancer of Breast	2	-	2	-	-	-	-	-	-	1	1	-	-	-	-
48	Cancer of Skin	2	1	1	-	-	-	-	-	-	-	-	-	2	-	-
49a	Cancer of Bladder	2	1	2	-	-	-	-	-	1	-	1	-	-	-	-
49b	Cancer of Prostate	4	4	-	-	-	-	-	-	-	-	-	3	1	-	-
49c	Cancer of Larynx	3	3	-	-	-	-	-	-	-	-	-	3	-	-	-
49d	Cancer of Other Organs	14	13	1	-	-	-	-	-	-	3	4	3	3	1	-
52	Chronic Rheumatism	3	2	1	-	-	-	-	-	-	1	1	1	1	-	-
57	Diabetes Mellitus	2	1	1	-	-	1	-	-	-	1	-	-	-	-	-
58	Pernicious Anemia	2	1	1	-	-	-	-	-	-	-	-	1	1	-	-
62	Status Lymphaticus	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-
70	Encephalitis	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-
72	Tabes Dorsalis	10	6	4	-	-	-	-	1	2	4	3	-	-	-	-
73	Other Diseases of Spinal Cord	8	7	1	-	-	-	1	-	1	3	3	-	-	-	-
74	Cerebral Hemorrhage	16	11	5	-	-	-	-	2	3	8	3	-	-	-	-
84	Other Diseases of Nervous System	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-
88	Endocarditis and Myocarditis	52	37	15	-	1	-	-	2	4	7	15	20	1	2	-
89	Angina Pectoris	3	3	-	-	-	-	-	-	1	1	1	-	-	-	-
90	Other Diseases of the Heart	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-
91a	Aneurysm	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-
91b	Arteriosclerosis	97	69	28	-	-	-	-	-	1	5	24	44	20	3	-
92	Embolism and Thrombosis	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
100	Broncho-Pneumonia	4	1	3	3	1	-	-	-	-	-	-	-	-	-	-
101	Lobar Pneumonia	7	5	2	-	-	-	-	-	2	2	2	-	1	-	-
105	Asthma	6	6	-	-	-	-	-	-	3	1	1	1	-	-	-
113	Enteritis (under 2 years)	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-
122	Cirrhosis of Liver	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-
129	Chronic Nephritis	5	5	-	-	-	-	2	1	1	1	-	-	-	-	-
133	Diseases of the Bladder	2	2	-	-	-	-	-	-	-	-	1	1	-	-	-
135	Diseases of the Prostate	2	2	-	-	-	-	-	-	-	-	1	1	-	-	-
154	Other Diseases of Skin and Annexa	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-
159a	Hydrocephalus	3	2	1	1	2	-	-	-	-	-	-	-	-	-	-
159b	Congenital Malformations	3	-	3	2	-	1	-	-	-	-	-	-	-	-	-
161c	Stillborn	1	-	1	1	-	-	-	-	1	-	-	-	-	-	-
188c	Accidental Traumatism	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-
201	Fracture	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-
203	Other External Violence	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	Totals	374	273	101	14	5	1	4	21	17	42	52	94	95	24	5

STATISTICAL TABLES

AS ADOPTED BY AMERICAN MEDICO-PSYCHOLOGICAL ASSOCIATION
 PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. — *General Information*

1. Date of opening as an institution for the insane: 1856.			
2. Type of institution: State.			
3. Hospital plant:			
Value of hospital property:			
Real estate, including buildings		\$2,031,743	30
Personal property		478,263	49
Total		\$2,510,006	79
Total acreage of hospital property, 794. ¹			
Acreage under cultivation during year, 313¾.			
4. Medical service:			
	Men	Women	Totals
Superintendents	1	—	1
Assistant physicians	10	1	11
Medical internes	—	—	—
Clinical assistants	—	—	—
Total physicians	11	1	12
5. Employees: ²			
	Males	Females	Totals
Graduate nurses	4	27	31
Other nurses and attendants	48	159	207
Social workers	—	—	—
All other employees	137	81	218
Total physicians and employees	200	268	468
	Men	Women	Totals
6. Percentage of patients employed during year	—	—	—

The above table includes the entire institution.

TABLE 2. — *Financial Statement*

See treasurer's report for data requested under this table.

¹ Includes grounds, farm and garden and sites occupied by buildings.

² Not including physicians.

TABLE 3. — Movement of Insane Population for Year ending September 30, 1927

	Insane			Inebriates Not Insane			Epileptics Not Insane		
	M	F	T	M	F	T	M	F	T
1. Insane patients on books of institution Sept. 30, 1926	226	527	753	-	-	-	-	-	-
(a) First admissions	20	20	40	-	-	-	-	-	-
(b) Readmissions	-	3	3	-	-	-	-	-	-
(c) Total admissions	20	23	43	-	-	-	-	-	-
(d) Transfers from other institutions for the insane	13	50	63	-	-	-	-	-	-
(d) Transfers as sane	-	-	-	-	-	-	-	-	-
2. Total received during the year	33	73	106	-	-	-	-	1	1
3. Total under treatment during the year	259	600	859	-	-	-	-	1	1
Discharged from the books during the year									
(a) As recovered	-	2	2	-	-	-	-	-	-
(b) As improved	2	6	8	-	-	-	-	-	-
(c) As unimproved	-	-	-	-	-	-	-	-	-
(d) As not insane	-	-	-	-	-	-	-	-	-
(e) Transferred to other institutions for the insane	24	35	59	-	-	-	-	-	-
4. Total discharged during the year	26	51	77	-	-	-	-	-	-
5. Patients remaining on books of institution	233	549	782	-	-	-	-	-	-
<i>Supplementary Data</i>									
6a. Average daily number of patients on books during the year	228.7	545.7	774.4	-	-	-	-	-	-
6b. Average daily number of patients actually in institution during the year	225.9	539.7	765.6	-	-	-	-	-	-
7. Average number of patients on books but away on parole or visit	2.8	6.0	8.8	-	-	-	-	-	-
8. Number of patients actually in institution Sept. 30, 1927	229	544	773	-	-	-	-	-	-
9. Drug cases	-	-	-	-	-	-	-	-	-
10. Inebriates	-	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-	-
Reimbursing	-	-	-	-	-	-	-	-	-

M — Male. F — Female. T — Total.

TABLE 4. — Nativity of First Admissions

	Patients			Parents of Male Patients			Parents of Female Patients		
	M	F	T	M	F	T	M	F	T
United States	7	9	16	6	4	10	6	5	11
Ireland	4	2	6	7	6	13	3	5	8
Canada	2	2	4	1	2	3	2	2	4
Scotland	1	3	4	-	1	1	2	2	4
Italy	2	2	4	2	2	4	2	2	4
England	1	-	1	1	1	2	1	1	2
Norway	-	1	1	-	-	-	-	1	1
Greece	-	1	1	-	-	-	1	1	2
Lithuania (Russia)	1	-	1	1	1	2	-	-	-
Syria	1	-	1	1	1	2	-	-	-
British West Indies	1	-	1	1	1	2	-	-	-
Unascertained	-	-	-	-	1	1	2	2	4
Totals	20	20	40	20	20	40	20	20	40

M — Male. F — Female. T — Total.

TABLE 5. — Citizenship of First Admissions

	M	F	T
Citizens by birth	7	9	16
Citizens by naturalization	6	1	7
Aliens	7	10	17
Totals	20	20	40

M — Male. F — Female. T — Total.

TABLE 6. — *Psychosis of First Admissions*

	M	F	T	M	F	T
Senile Psychosis	—	—	—	6	7	13
(a) Simple Deterioration	4	4	8	—	—	—
(b) Delirious and Confused	1	2	3	—	—	—
(c) Paranoid	1	1	2	—	—	—
Psychosis with Arteriosclerosis	—	—	—	2	—	2
General Paralysis	—	—	—	1	—	1
Psychosis with other Brain or Nervous Diseases with Paralysis Agitans	—	—	—	—	1	1
Alcoholic Psychosis — Acute Hallucinosi	—	—	—	3	—	3
Manic-Depressive Psychosis — Depressive Type	—	—	—	1	2	3
Dementia Præcox	—	—	—	4	7	11
Paranoid	3	6	9	—	—	—
Catatonic	—	1	1	—	—	—
Hebephrenic	1	1	1	—	—	—
Psychosis with Mental Deficiency	—	—	—	1	1	2
Mental Deficiency without Psychosis	—	—	—	2	2	4
Totals	10	14	24	20	20	40

M — Male. F — Female. T — Total.

TABLE 7. — *Race of First Admissions Classified with Reference to Principal Psychosis*

Race	Total			Senile Psychosis		Psychosis with Arteriosclerosis		General Paralysis		Psychosis with Other Brain or Nervous Disease		Alcoholic Psychosis		Manic-Depressive Psychosis		Dementia Præcox		Psychosis with Mental Deficiency		Mental Deficiency without Psychosis		
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	Americans	7	9	16	2	3	1	—	—	—	—	—	1	—	—	1	—	3	1	—	—	2
Irish	4	6	10	3	1	—	—	—	—	—	—	1	—	—	1	—	1	1	—	—	—	—
Italian	2	4	6	—	—	—	—	—	—	—	—	—	—	—	1	—	2	1	—	—	—	—
Scotch	1	3	4	—	2	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
English	2	—	2	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Canadian:																						
French	2	—	2	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Scotch	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	1	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Norwegian	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Lithuanian	1	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Syrian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Totals	20	20	40	6	7	2	—	1	—	—	1	3	—	1	2	4	7	1	1	2	2	

M — Male. F — Female. T — Total.

TABLE 8. — *Ages of First Admissions Classified with Reference to Principal Psychosis*

	Totals			15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80 and over	
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
	Senile Psychosis	6	7	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	2	2	3	1	1	2	—	—
Psychosis with Arteriosclerosis	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
General Paralysis	1	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Psychosis with other Brain or Nervous Disease	—	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alcoholic Psychosis	3	—	3	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Manic-Depressive Psychosis	1	2	3	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
Dementia Præcox	4	7	11	—	—	—	—	2	1	—	—	2	2	1	—	—	—	2	—	—	—	1	—	—	—	—	—	—	—	—	
Psychosis with Mental Deficiency	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	
Mental Deficiency without Psychosis	2	2	4	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
Totals	20	20	40	—	—	—	—	1	1	2	1	—	—	2	4	2	1	2	4	2	2	2	2	1	3	2	3	2	1	2	—

M — Male. F — Female. T — Total.

TABLE 9. — Degree of Education in Reference to Principal Psychosis of First Admissions

	Totals			Illiterate		Reads and Writes		Common School		High School	
	M	F	T	M	F	M	F	M	F	M	F
Senile Psychosis	6	7	13	1	1	1	1	4	4	-	1
Psychosis with Arteriosclerosis	2	-	2	-	-	1	-	-	-	1	-
General Paralysis	1	-	1	-	-	-	-	-	-	1	-
Psychosis with other Brain or Nervous Diseases	-	1	1	-	-	-	1	-	-	-	-
Alcoholic Psychosis	3	-	3	-	-	1	-	2	-	-	-
Manic-Depressive Psychosis	1	2	3	-	1	-	1	1	-	-	-
Dementia Præcox	4	7	11	-	3	3	1	-	3	1	-
Psychosis with Mental Deficiency	1	1	2	-	1	-	-	1	-	-	-
Mental Deficiency without Psychosis	2	2	4	2	-	-	1	-	1	-	-
Totals	20	20	40	3	6	6	5	8	8	3	1

M — Male. F — Female. T — Total.

TABLE 10. — Environment of First Admissions Classified with Reference to Principal Psychosis

	Totals			Urban		Rural	
	M	F	T	M	F	M	F
Senile Psychosis	6	7	13	4	7	2	-
Psychosis with Arteriosclerosis	2	-	2	1	-	1	-
General Paralysis	1	-	1	1	-	-	-
Psychosis with other Brain or Nervous Diseases	-	1	1	-	1	-	-
Alcoholic Psychosis	3	-	3	2	-	1	-
Manic-Depressive Psychosis	1	2	3	1	2	-	-
Dementia Præcox	4	7	11	4	7	-	-
Psychosis with Mental Deficiency	1	1	2	-	1	1	-
Mental Deficiency without Psychosis	2	2	4	1	-	1	2
Totals	20	20	40	14	18	6	2

M — Male. F — Female. T — Total.

TABLE 11. — Economic Conditions of First Admissions Classified with Reference to Principal Psychosis

	Total			Dependent		Marginal		Comfortable	
	M	F	T	M	F	M	F	M	F
Senile Psychosis	6	7	13	-	-	6	7	-	-
Psychosis with Arteriosclerosis	2	-	2	-	-	2	-	-	-
General Paralysis	1	-	1	-	-	-	-	1	-
Psychosis with other Brain or Nervous Diseases	-	1	1	-	-	-	1	-	-
Alcoholic Psychosis	3	-	3	-	-	3	-	-	-
Manic-Depressive Psychosis	1	2	3	-	-	1	2	-	-
Dementia Præcox	4	7	11	-	1	4	6	-	-
Psychosis with Mental Deficiency	1	1	2	-	-	1	1	-	-
Mental Deficiency without Psychosis	2	2	4	2	2	-	-	-	-
Totals	20	20	40	2	3	17	17	1	-

M — Male. F — Female. T — Total.

TABLE 12. — *Use of Alcohol by First Admissions Classified with Reference to Principal Psychosis*

	Total			Abstinent		Temperate		Intemperate	
	M	F	T	M	F	M	F	M	F
Senile Psychosis	6	7	13	1	5	2	2	3	—
Psychosis with Arteriosclerosis	2	—	2	—	—	1	—	1	—
General Paralysis	1	—	1	—	—	1	—	—	—
Psychosis with other Brain or Nervous Diseases	—	1	1	—	—	—	1	—	—
Alcoholic Psychosis	3	—	3	—	—	—	—	3	—
Manic-Depressive Psychosis	1	2	3	—	1	1	1	—	—
Dementia Præcox	4	7	11	—	4	3	3	1	—
Psychosis with Mental Deficiency	1	1	2	—	—	1	—	—	1
Mental Deficiency without Psychosis	2	2	4	2	2	—	—	—	—
Totals	20	20	40	3	12	9	7	8	1

M — Male. F — Female. T — Total.

TABLE 13. — *Marital Conditions of First Admissions Classified with Reference to Principal Psychosis*

	Totals			Single		Married		Widowed		Divorced	
	M	F	T	M	F	M	F	M	F	M	F
Senile Psychosis	6	7	13	4	2	—	1	1	4	1	—
Psychosis with Arteriosclerosis	2	—	2	—	—	2	—	—	—	—	—
General Paralysis	1	—	1	—	—	—	—	1	—	—	—
Psychosis with other Brain or Nervous Diseases	—	1	1	—	—	—	1	—	—	—	—
Alcoholic Psychosis	3	—	3	3	—	—	—	—	—	—	—
Manic-Depressive Psychosis	1	2	3	1	—	—	—	—	1	—	1
Dementia Præcox	4	7	11	3	1	1	4	—	2	—	—
Psychosis with Mental Deficiency	1	1	2	—	1	—	—	1	—	—	—
Mental Deficiency without Psychosis	2	2	4	2	1	—	—	—	—	—	1
Totals	20	20	40	13	5	3	6	3	7	1	2

M — Male. F — Female. T — Total.

TABLE 14. — *Psychosis of Readmissions*

	Totals				
	M	F	T	M	F
Senile Psychosis	—	1	1	—	1
Manic-Depressive Psychosis	—	1	1	—	1
Dementia Præcox	—	1	1	—	1
Totals	—	3	3	—	3

M — Male. F — Female. T — Total.

TABLE 15. — Discharge of Patients Classified with Reference to Principal Psychosis and Condition on Discharge

	Total			Recovered		Improved		Unimproved	
	M	F	T	M	F	M	F	M	F
Psychosis with other Somatic Diseases	-	1	1	-	1	-	-	-	-
Manic-Depressive Psychosis	-	2	2	-	1	-	1	-	-
Dementia Præcox	1	2	3	-	-	1	2	-	-
Psychosis with Mental Deficiency	1	2	3	-	-	1	2	-	-
Psychopathic Personality without Psychosis	-	1	1	-	-	-	1	-	-
Totals	2	8	10	-	2	2	6	-	-

M — Male. F — Female. T — Total.

TABLE 16. — Causes of Deaths Classified with Reference to Principal Psychosis

	Totals			Senile Psychosis		Psychosis with Arteriosclerosis		General Paralysis		Alcoholic Psychosis		Manic-Depressive Psychosis		Involution Melancholia		Dementia Præcox		Paranoia		Epileptic Psychosis		Psychosis with Mental Deficiency		Mental Deficiency without Psychosis		
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Arteriosclerosis	10	11	21	4	3	3	-	-	-	1	-	-	-	-	-	2	8	-	-	-	-	-	-	-	-	-
Chronic Endocardial Disease	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Chronic Myocardial Disease	1	5	6	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	1	1	1
Acute Myocardial Disease	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral Hemorrhage	4	1	5	-	-	-	-	-	-	-	-	-	-	3	1	1	1	-	-	-	-	-	-	-	-	-
Lobar Pneumonia	1	4	5	-	1	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	1	1
Tuberculosis of Lungs	2	7	9	-	-	-	-	-	-	1	-	-	-	1	6	-	-	-	-	-	-	-	1	-	-	-
Intestinal Obstruction	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Chronic Nephritis	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hodgkin's Disease	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
General Paralysis	2	1	3	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
*Suicide by Hanging	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Cancer of Liver	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Cancer of Buccal Cavity	-	2	2	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Totals	24	35	59	4	4	3	-	2	1	1	1	-	3	1	-	8	22	1	-	2	1	-	1	2	2	2

M — Male. F — Female. T — Total.

* Medical Examiner case.

TABLE 17. — Age of Patients at Time of Death in Reference to Principal Psychosis

	Totals			20-25		25-30		30-35		35-40		40-45		45-50		50-55		55-60		60-65		65-70		70-75		75-80		Over 80		
	M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Senile Psychosis	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	1	
Psychosis with Arteriosclerosis	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
General Paralysis	2	1	3	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	2	1	-	-	-	1	
Alcoholic Psychosis	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	
Manic-Depressive Psychosis	-	3	3	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Involution Melancholia	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dementia Præcox	8	22	30	-	1	-	-	1	2	1	-	-	-	1	3	1	-	-	2	1	1	-	5	-	2	2	4	-	3	
Paranoia	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Epileptic Psychosis	2	1	3	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Psychosis with Mental Deficiency	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mental Deficiency without Psychosis	2	2	4	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	
Totals	24	35	59	-	-	1	-	2	2	3	2	1	3	4	1	1	1	2	4	1	3	8	4	4	4	2	4	1	5	

M — Male. F — Female. T — Total.

TABLE 18. — Total Duration of Hospital Life of Patient Dying in Hospital in Reference to Principal Psychosis

	Totals			Less than 1 Month	Months						Years																		
	M	F	T		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Senile Psychosis	4	4	8	-	-	-	-	-	-	-	2	1	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Arteriosclerosis	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Paralysis	2	1	3	-	-	-	1	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic Psychosis	1	1	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Manic-Depressive Psychosis	-	3	3	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Involution Melancholia	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Dementia Præcox	8	22	30	-	-	-	-	-	1	1	-	1	2	1	-	-	1	-	1	-	1	-	2	1	1	1	2	3	13
Paranoia	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Epileptic Psychosis	2	1	3	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Mental Deficiency	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mental Deficiency without Psychosis	2	2	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Totals	24	35	59	-	-	1	2	1	1	-	5	2	3	6	4	-	2	2	-	1	-	2	1	1	1	1	5	5	14

M — Male. F — Female. T — Total.