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The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE INFIRMARY

AT TEWKSBURY

FOR THE

YEAR ENDING NOVEMBER 30, 1928

DEPARTMENT OF PUBLIC WELFARE



The Commonwealth of Massachusetts

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EDWARD J. O'DONOUGHUE, *Assistant Physician*.
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WILLIAM R. IZZO, M.D., *Assistant Physician* (Resigned 8-31-28).
JESSIE ROBERTSON, M.D., *Assistant Physician*.
PETER W. KASZETT, M.D., *Assistant Physician*.
RANSON WELLS, M.D., *Assistant Physician*.
WILLIAM F. MAGUIRE, D.M.D., *Dentist* (Resigned 8-10-28).
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TRUSTEES' REPORT

To His Excellency the Governor, and the Honorable Council:

The trustees of the State Infirmary herewith submit the seventy-fifth annual report, for the year ending November 30, 1928.

On November 30, 1928, there were 2,635 inmates at the State Infirmary, this number comparing with 2,539 on November 30, 1927.

During the year ending November 30, 1928, the daily average number of patients was 2,574, as compared with 2,442, in the preceding year, an increase in the daily average of 132.

Under Chapter 127, Acts of 1928, there was appropriated for the State Infirmary, the sum of \$964,600.00. In addition, \$12,764.13 of the unspent balance of the 1927 appropriation for expenses, was brought forward into 1928, making the total amount available for maintenance, \$977,364.13. This compares with \$958,292.15, the appropriation for the preceding year.

During the year there has been spent a total of \$954,866.95, which compares with

\$931,909.96, in the preceding year, or an increase in expenditures in the recent fiscal year of \$22,956.99. This increase is slightly less than 2½ per cent, whereas the increase in the daily average is over 5 per cent.

As required by law, we have turned back into the State Treasury, \$100,292.79, received for articles sold and for care of individual and municipal cases, leaving a net outlay of \$854,574.16. The net weekly per capita cost for the care of patients has been \$6.38.

From a balance of \$2,287.23, for Special Appropriation, "Asylum for Women" under Chapter 79, Acts of 1926, \$2,240.65 was expended.

From a balance of \$35,450.00, for special appropriation, "Building for Male Inmates" under Chapter 138, Acts of 1927, \$20,933.70 was expended.

There was appropriated under Chapter 127, Acts of 1928, the following special appropriations:

Laundry Equipment	\$20,000 00
Water Tower	27,500 00
Power House Equipment	30,000 00
Rebuilding Roads	8,000 00

From these special appropriations there has been expended \$2,525.93 for Water Tower, and \$7,982.82 for Rebuilding Roads.

Items for which we requested that special appropriations be granted by the Legislature, with the estimated costs, were filed with the Commission on Administration and Finance, on October 15, 1928, as follows:

Maternity Ward	\$29,415 00
Industrial Building	31,341 00
Storage Building	23,940 00
Laundry Equipment and Extension	11,126 00
Real Estate	2,000 00
Land	2,000 00
Roads and Driveways	4,000 00

This being the seventy-fifth annual report of the State Infirmery, we feel that we must here record the many-sided and unprecedented services which this venerable institution has always rendered to the worthy public of our Commonwealth, without regard to the special type of their affliction.

With her two sister institutions at Bridgewater and Monson, established on identical lines in 1854, she enjoys the distinction of having but three predecessors in the welfare work of the state, and these three were devoted entirely to the care of mental cases.

Her registers bear the names of 224,966 recipients of her services, besides 6,753 on the list of insane cases.

The first stage of our existence constituted thirty years as an almshouse, under the management of a Board of Inspectors, and later a Board of Trustees. This Board was abolished in 1883. Isaac Meserve and Thomas J. Marsh were the superintendents during this very trying stage when lack of organization, equipment and accommodations, made the problems distressing ones.

The second historic stage began in 1884, when the institution was put in charge of a Board of Trustees, as at present, and under them a Medical Superintendent,—and Dr. C. Irving Fisher, Dr. Herbert B. Howard and Dr. John H. Nichols, have filled the latter position.

Now began a vigorous attack upon the sanitary and hospital problems. New brick buildings replaced the hazardous old wooden structures. The Administration building, pavilions for men and for women on opposite sides of the yard, domestic building, various hospital extensions, Chapel, tuberculosis buildings, wards for the insane, homes for the nurses, employees, children's hospitals, laboratories and surgical building, laundry, store, subways, railroad, sewage and road construction, have been the steps in a continuous growth and development which have brought the institution up to its present position.

No longer an almshouse, but a modern, up-to-date hospital where the state's afflicted ones can come and receive ample care and skilled services from a competent corps of physicians and nurses.

In 1900, State Hospital became our title, and in 1909, the insane hospitals became State Hospitals, leaving us our proper designation of State Infirmiry.

The State Board of Charity was the supervisory board until 1919, when the Infirmiry was placed in the Division of Aid and Relief of the Department of Public Welfare.

Since its inception in 1854, when over 700 inmates were cared for in 500 bed capacity, up to the present time, this institution has always been overcrowded. Only a few of the many real needs are granted from year to year. An inspection of our annual reports reveals repeated requests for pressing needs in construction or equipment before they are finally granted. Our construction costs here have always been extremely low, averaging \$600.00 per hospital bed. Comfort and convenience rather than luxury have always been the aim, and minimum equipment, is made necessary.

A study of the magnitude of our work is most earnestly urged upon our legislators, not at all in a spirit of criticism but because we believe that a fuller knowledge of the magnitude of our work will demonstrate that economy and care are the practice at all times in this great institution. A few of our needs are presented in this report. We would place special emphasis upon the need for a new Maternity Building.

Under existing laws, cities and towns can now send chronic disease cases, not state dependents, to the State Infirmiry, paying therefor \$7.00 per week. These cases usually come for long periods and require a maximum of care. Their cost must be much over the average of our institution, and the cities and towns profit thereby. At the same time, many state cases of the more acute forms are, we understand, being boarded in various hospitals at a much higher cost.

We would urge some plan whereby a greater percentage of these more acute maladies could be sent to our institution. We are obliged to maintain at all times a staff of skilled physicians and nurses to meet all emergencies, and they are entitled to this experience.

The daily sending out of a higher percentage of cured cases could not fail to help the morale of all who have the work to do.

In 1854 the daily average population was 705, and the value of property was \$75,000. We are closing our seventy-fifth year with a daily average of 2,574 patients and a property to care for of \$2,031,743. There was one physician then and one nurse. There are now 12 physicians and 135 nurses.

This institution has sent out many physicians who have assumed important positions as hospital physicians, college teachers, army and navy surgeons and private service. The record is a proud one, and we wish the standards to continue to be high.

G. FORREST MARTIN, *Chairman.*
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DENNIS D. SULLIVAN.
MARY E. COGAN.
WALTER F. DEARBORN.

SUPERINTENDENT'S REPORT

To the Trustees of the State Infirmiry:

I have the honor of presenting to you the seventy-fifth annual report of the State Infirmiry for the year beginning December 1, 1927, and ending November 30, 1928.

The records for 1928 show that during the year 5,299 people have been cared for—3,615 males and 1,684 females—272 more than the previous year, and at the end of the fiscal year there were 2,635 people in the institution, which is 86 more. The largest daily census was 2,758, on February 11, an increase of 60 over the previous year, and the smallest daily census was 2,433, on July 9, which is 185 more. The daily average number of people was 2,574. 132 more than in 1927.

The number of births was 125—57 males and 68 females, which is 20 more than the previous year. There were 489 deaths—445 in the general hospital and 44 in the department for the insane—341 males and 148 females, which is 56 more than the previous year.

The expenditure for maintenance was \$954,866.95—\$414,608.66 for salaries and \$541,270.90 general expenses. The average weekly per capita cost was \$7.13.

The amount of \$100,292.79 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 \$854,574.16, for maintenance of the institution for the year, and a net weekly per capita cost of \$6.38.

Under the heading of special appropriations, \$33,683.10 was expended, as shown in detail in the financial report.

There were treated in the hospital wards 4,506 diseases, of which 3,184 were males and 1,322 females. Of these, 933 were discharged well, 458 improved, 829 not improved, 445 died, and 1,841 remain in the Infirmary. There were 73 diseases of the spinal cord; 284 cases of cardiac disease, 74 of feeble-mindedness, a decrease of 7; 92 cases of mental disease; 13 of epilepsy; 115 of alcoholism, a decrease of 2; 4 of scarlet fever; 2 of erysipelas; 136 cases of syphilis, an increase of 18; 138 of gonococcus infection, an increase of 37; 88 cases of cancer, a decrease of 22; 635 cases of arteriosclerosis; 202 of the respiratory system with 15 deaths; 185 of gastro-intestinal disease with 12 deaths; 189 of puerperal state; 186 of early infancy with 10 deaths; 98 diseases of the genito-urinary tract, 16 deaths; 195 of skin and cellular tissues with one death; 84 of bones and joints; 598 of nervous system and organs of special sense, 42 deaths; 1,254 general diseases with 153 deaths; 984 diseases of the circulatory system with 175 deaths; 194 due to accident or external causes with 5 deaths.

Of the 445 deaths there were 86 due to tuberculosis of the lungs, 42 to cancer; 20 to spinal cord, 61 to diseases of the heart; 114 to arteriosclerosis; 12 to pneumonia; 12 to chronic nephritis and 10 to enteritis.

There were very few infectious diseases, which follow: 42 cases of influenza, 4 of scarlet fever and 2 of mumps. There were no cases of typhoid fever. From a preventative point of view the Infirmary does a great service to the community in keeping so large a number properly vaccinated. Every patient admitted, with the exception of the very sick, is vaccinated against smallpox and given typhoid immunization. All children under twelve are tested and immunized, if necessary, for prevention of diphtheria.

In the men's hospital there is an increasing number of the very aged, and those requiring a longer duration of care or treatment, it being difficult to meet the requirements, although there has been an added provision of 35 beds; with a capacity of 427 beds, 3,184 cases were received and treated there during the year.

Although there was a slight decrease in cancer cases, there have always been enough to more than fill the small cancer ward, where only 10 beds are available for these patients.

With the utmost appreciation, I would mention the very generous co-operation of the Pondville Hospital in receiving the many cases requiring radium, deep therapy or surgical treatment, at the Thursday clinics.

The ten-bed ward, for aged demented men, too feeble for classification by commitment, to the mental department, is inadequate for the number of patients which should be so classified, so that a large number must be cared for in other wards among sick men.

There have been treated 22 cases of diabetes, requiring diabetic diet, insulin treatment and continuous hospital care. There has been an increase in the number of such cases which are now being sent to the Infirmary. There were nine cases of anæmia treated with the Minot and Murphy diet, and 13 cases of chronic encephalitis.

The eye clinic is held every Monday afternoon, by the physician in charge of the men's hospital, for patients throughout the institution for the examination and treatment of diseases of the eye and for prescribing and supplying glasses to patients in need of them.

The X-Ray department is under the direction of the same physician, who devotes two afternoons each week for cases requiring consultation, advice and treatment, rendering valuable service to other departments of the institution.

An active venereal clinic is maintained, with creditable results, the ward with 15 beds assigned for these cases being filled most of the time.

There were 51 major and 88 minor surgical operations, in this department, among

which were: 22 for hernia, 1 perinephritic abscess; stone in bladder, 5 prostatectomy; 2 appendectomies; 1 removal of paroted growth, 1 enterostomy, and 1 amputation.

On January 16, Dr. George Herbert Cleary, after two years of efficient service in our men's hospital, resigned his position to enter private practice.

Dr. William R. Izzo, who had served in the men's department for approximately two years doing creditable work, resigned his position to enter private practice on August 31.

On September 10, Dr. Ransom Wells, formerly of the Grenfell Hospital, Reading, Pa., and the Illinois Central R. R. Hospital, was appointed to fill the vacancy in the men's hospital.

In the women's hospital there is increasing difficulty in accommodating the number of cases admitted, this being especially true of cases requiring single rooms, of which there are very few available and they are often occupied by mentally senile cases.

The treatment of venereal cases has continued. There were 95 cases of gonorrhoea, an increase of 42 over last year, with an average of 77 days hospital residence; 121 cases of syphilis, an increase of 19, with an average of 51 days per patient.

Of the medical cases treated at the women's hospital are noted: 4 with diabetes, treated with insulin and diet; 7 cases anæmia, the Minot and Murphy diet, with favorable results; 5 of pneumonia, one of leukemia and 29 cases of disease of the skin. There were 11 cases of enteritis in infants, accompanied by otitis media and in a few cases mastoiditis, requiring operation.

Fifty major and 40 minor operations were performed, among which were 8 uterine dilatation and curetage, 11 appendectomies, 7 hysterectomies, 3 perineorrhaphies, 3 double mastoidectomies, 1 resection abdominal sinus, 1 ovariectomy, 1 Cæsarean section, 1 salpingectomy, 1 amputation thigh, 1 intestinal resection, 1 excision of epithelioma of ear, 1 amputation of arm, 2 hemorrhoidectomies, 27 of tonsillectomy and adenoidectomy, 4 herniotomies, 6 cystoscopic examination, 2 uterine suspensions, 2 blood transfusions, 2 cauterizations, 1 removal of Bartholins cyst, 1 vulvectomy, 1 reduction compound fracture and 1 removal of tumor of jaw.

In the obstetrical clinic there have been 101 normal deliveries, 15 forceps, 1 breech extraction, 1 Cæsarean section, 1 of twins, 4 version and 1 miscarriage.

There were treated in the Infirmary during the year 414 children under 16 years of age; 24 suffering from tuberculosis in some form, 16 syphilis, 20 gonococcus infection, 1 tumor of the brain, 2 diabetes mellitus, 20 nervous and mental diseases, 32 feeble-minded, 14 diseases of the eye and ear, 8 mastoiditis, 2 cardiac cases, 10 respiratory diseases other than tuberculosis, 33 from diseases of the digestive system, 27 girls pregnant, 14 diseases of the skin, 3 diseases of the bones, 13 congenital malformations and 183 from diseases of early infancy.

In the department for tuberculosis, the total number admitted was 423; classified as minimal, 51; moderately advanced, 112; far advanced, 260.

In the mens' department, 341 cases of tuberculosis were treated; 7 were discharged arrested; 100 relieved, 36 not relieved and 50 died; 155 remained at the end of the year.

In the women's department there were 85 admissions: 3 were discharged as arrested; 20 relieved; 7 not relieved, and 26 died. Forty-nine remained at the end of the year, as follows: 32 adults and 17 under 16 years of age.

There were also 9 cases of tuberculosis of the spine, 7 cases of tuberculosis of the joints, and 14 of other organs, which with 10 hilum cases make a total of 40 non-pulmonary cases treated. The non-pulmonary group include cases of Lupus-vulgaris, tubercular peritonitis, tuberculosis of kidney, tubercular sinuses and tuberculosis of other glands. These and a few selected pulmonary cases were treated by heliotherapy. Most of them, especially the tubercular peritonitis group, are improving rapidly. The hilum cases treated at the Fiske, also show marked improvement, gaining in weight and general physical condition.

On June 7, Dr. Peter W. Kaszett was appointed to fill the position of Junior Assistant in this department, that had long been vacant.

Of the cases treated in the acute wards, there were 42 cases of influenza, 20 of infectious diseases, 25 of primary and secondary syphilis, 52 of gonococcus infection, 22 cases of diabetes mellitus, 98 cases of diseases of the eye and ear, 75 respi-

ratory diseases, 10 diseases of the mouth, 4 of the pharynx and tonsils, 11 of ulcers of the stomach, 31 cases of acute enteritis, 2 appendicitis and 27 diseases of the skin. There were 176 nursing infants, many of whom were treated for various digestive disorders during their hospital stay. There were, also, 3 accidental falls and 98 cases of accidental injuries, making a total of 696.

Tables of diseases, financial tables and other statistics will be found on succeeding pages of this report.

The statistics for the department for the insane are for the twelve months beginning October 1, 1927, and ending September 30, 1928.

There were 77 admissions; 47 as first admissions, 4 readmissions, and 26 transfers from other hospitals for the insane. The daily average number of patients has been 776—234 males and 542 females. There were 44 deaths, of these 17 were males and 27 females.

Six were discharged from the books, 2 males and 4 females. One male was discharged as recovered, 2 females as improved, the other 3 as unimproved.

An average of 148 men and 244 women were productively employed during the past year.

Several important operations were performed. One case was of unusual interest: a spoon 8 inches long by 2 inches wide, and an iron spike 6 inches long were removed from the stomach of a man suffering from catatonic dementia præcox. A second case of unusual interest was the successful removal of an acutely inflamed appendix from a woman 65 years of age who was suffering from depression of manic depressive insanity. Another was the successful removal of the hepatic flexure of the colon for an ulcerative process, while still another was a successful operation for the drainage of an acutely inflamed gall bladder in an aged Italian woman. This last operation was performed under local anesthesia.

The steady increase of patients in the wards for the mental diseases continues and it has been necessary to transfer a few recovered, or markedly improved cases, to other wards. A large percentage of new admissions are very aged and feeble.

The basement of the Hecht is being rehabilitated and made much brighter and more cheerful for use as a smoking room, while the work of installing a new hydrotherapeutic room is under way. New toilet sections have been completed in the Long asylum for women, the walls and beds repainted, new flooring laid and the general condition of the building greatly improved. The additional number of bath tubs has been a very great help in caring for so many aged and feeble women.

Moving pictures, amateur theatricals, dances, sleigh rides and picnics have been provided as in other years. Two excellent performances have been staged by the female patients.

On March 31, to the regret of everyone, Dr. Anna E. Barker, Assistant Physician in the mental wards, since 1906, barring an interval from 1912 to 1917, resigned her position on account of failing health. Her earlier service was in the general hospital work. During the period of the war she served as night physician, visiting all wards of the institution. Her devoted and untiring service, especially through the influenza epidemic, earned for her the gratitude and affection of all her patients and associates.

Dr. Jessie W. Robertson was appointed to fill vacancy caused by the resignation of Dr. Barker.

After three years of service on the Staff as Dentist, Dr. William F. Maguire resigned his position to enter private practice on August 10, and Dr. Charles D. Broe was appointed to fill this vacancy, beginning his service on September 1, 1928. A summary of the work for the year in this department is as follows:

Chair patients	1,215
Plates	189
Partial plates with clasps	4
Amalgam fillings	196
Cement fillings	164
Porcelain fillings	138
Extractions	1,655
Prophylaxis	335
Bridges	3
Bridge work repaired	1

Extractions with ether	6
Fractures	2
Treatments	
{ Alveolar abscesses	26
{ Pyorrhea	37
{ Vincent's Angina	13
{ Stomatitis	22
{ Temporary fillings	215
{ Post operative	42

The details of the major groups of routine work in the laboratory are as follows: Bacteriological examination, 3,911; Wassermann tests for syphilis (blood and spinal fluids), 3,151; urine examinations routine quantitative sugar, albumen, acetone, renal functions, 9,670; blood examinations (chemical, cystological, malaria, etc., 993; spinal fluid examinations (cultures, cell counts, albumen, globulin, etc.), 29; feces examinations, 43; gastric analyses, 16; guinea pig inoculations, 62; milk examinations (actual count), 1,140; pneumococcus typing, 17; vaccines, 32; Schick tests, 67; surgical specimens, 36; autopsies (including medio-legal), 47.

In the training school for nurses 764 hours were devoted to lectures, demonstrations and recitations in the theory of nursing.

The medical staff has readily co-operated in meeting the increased requirements of a new curriculum, in additional lectures and assisting with the class room work. A large new demonstration room and extension of the space for the dietetic laboratory, with additional equipment, is a distinct improvement to the comfort of the instructors and students in the school. Fifty-three new books were added to the reference library.

A very successful year was brought to a close for the class of 1928, with graduation exercises in the chapel, on the afternoon of September 19. Dr. Francis W. Anthony, of Haverhill, Vice-chairman, presided, and the address to the nurses was by the Rev. William S. Nichols, Litt.D., of Montpelier, Vt.

Diplomas were presented by the Superintendent to the following list of nurses: Mary Madeline Dillon, Katherine Frances Sweeney, Mae Fontaine Carroll, Mary E. Thomasina Tobin, Marion Gladys Clark, Hedwig Sophie Martin, Lotty Elizabeth Desrosiers, Kathleen Florence Delaney, Charlotte Miriam Lynch, Sarah Patricia Delaney, Helen Elizabeth McArdle, Frances Mary Kane, Yvonne Louise Patenaude, Evelyn Elizabeth McDermott.

The list of graduates from the training school now number 360.

Very satisfying are the results in the one year course for training attendants in nursing. At the graduation exercises on December 28, 1927, Professor Walter E. Dearborn of Harvard College, a member of the Board of Trustees, made the address. Certificates were presented by the Superintendent to the following list of graduates: Gladys Spencer Adams, Florence Wilkinson, Lillian Brooks Miller, Julia Susanna Pilch, Ethel Frances Cunniff, Katherine Wilkinson, Agnes Cecelia Kotarbo, Jeannette O'Brien, Blanche Preston LaPrade, Antonette Legasse, Julia Marie Gilbride, Margaret Mary Baxter, Mary Irene Leighton, Mary Theresa McPartland, Gertrude Öberg, Gertrude Curtin and Alice Frances O'Brien.

The total number of women in the nursing department is now 176, of which number 30 are registered nurses, 38 student nurses, 30 preliminary students, 15 attendants in training and 41 permanent attendants; adding to this number a superintendent of male nurses, supervisor and attendant—45 in all, there are engaged in the ward service in the Infirmary, 221 people, or a ratio of 1 to 11 patients.

With sorrow I record the death, on January 1, 1928, from pneumonia, of Miss Katherine Swift, who had for eight months been a faithful attendant in the mental wards.

The position of Occupational Therapist, which has been vacant for more than a year, has recently been filled by the appointment of Miss Lucy G. Morse, a graduate of the Boston School of Occupational Therapy, and a former Assistant at the Worcester State Hospital.

The position of Head Dietitian made vacant by the resignation of Miss Dorothy Bliss, has been filled by the appointment of Miss Dorothy Bassett, a former Assistant here, and of late head dietitian at the Winchester Hospital.

The dairy herd still holds first place in the point of importance in the farm department, accredited free from tuberculin since 1924, and now comprises 157 head of

stock, including 58 cows, 26 heifers, 23 calves and 4 bulls, all pure bred Holstein, and 40 grades. The amount of milk produced for the year was 1,154,000 pounds, an increase in production of 243,898 pounds over the preceding year. The average production for 98 cows was 11,775 pounds; the percentage of butter fat for the year was 3.53. There were 7,463 pounds of beef and veal produced; 39,714 pounds of pork, 4,636 pounds of poultry, 9,632 dozen eggs. Other products of the farm include 237 tons of green feed and other forage crops, 265 tons of English hay, 381 tons of ensilage, 2,725 bushels potatoes, 44,000 pounds squash and 60,000 pounds of cabbage.

The improvements in the farm buildings have been continued as follows: repaired, reinforced and shingled the Burt barn, the Kelley barn and house, and the ice house; the building of a shed or garage for 1 truck and 1 tractor; the finishing of 9 new calf pens under the cart sheds; 1 new house at the piggery for 40 hogs; 1 new house for 400 hens, most all of which construction lumber and boards were sawed from trees cut on the place. Five acres of land were cleared for tilling and 3 acres were drained with tile.

Extensive improvements in macadamizing and repairing roads and walks in the yard have been accomplished with the very generous co-operation of the Department of Public Works, under the direction of Mr. Fred G. Sabiu, District Engineer. The bituminous concrete surface was let out by contract to Antonio Pollatto, of Dracut, and the foundation work was prepared by the farm department, which has also gravelled one mile of outside roadways.

The Engineering Department has completed a very busy year. The output of the machine and carpenter shops includes the following among their very many items: 32 window frames, 14 door casings, 2 fire doors, 100 window screens, 21 wheel chairs, 16 bedside tables, 30 settees, 41 sash, 55 doors, 60 bedside boxes, 4 cabinets, 19 bread boxes, 24 milk pails, and 54 cereal cans. Repaired 400 chairs.

Seven thousand, six hundred and eighty (7,680) tons of bituminous coal were consumed, mostly in the central plant, and 438 tons of coke at bakery, Fiske, Camp Russell, diet kitchen and at blacksmith shop, and buildings not connected with the central plant.

Reconstruction of the toilet sections in the old asylum building which was started during the previous year has been completed.

The lodge for men, with a capacity for 200 beds, authorized this year, is nearing completion, but will not be available for use during the coming winter.

Work is well advanced on the foundation for the new water tower, authorized in 1928, the contract for the construction and erection of the tank has been signed and will be erected within the next three months.

Other items of work by the construction and repairs force are enumerated as follows: outside painting of Chapel and Administration building, including inside painting of the floors; linoleum carpet on reception room and office; painting partitions, plastering, wiring and installing of equipment in West Ward kitchen, establishing one kitchen for the entire women's side of yard; relocation and painting of dining room in women's hospital and women's pavilion; relocation of baggage room and sewing room, and opening of a new ward of 26 beds on the lower floor; establishing of two new wards, 35 beds on lower floor of men's hospital; new partitions, bath rooms, ramps to upper floor; plastering, painting, resurfacing of woodwork and floors; painting of wards, corridors, bath rooms and resurfacing of floors in women's hospital; plastering and painting walls of school room, dining rooms and play room of lower floor and painting and resurfacing of upper floor of children's ward; construction and installation of two new bath rooms and painting dining room on lower floor of women's special ward; painting of three wards, beds, fire escapes and outside doors, a new steel ceiling in kitchen and new flashing and gutters to roof of the Bancroft; relocation and new equipment for barber shop in men's pavilion; resetting of equipment in bath room of lower floor of Rice building; resetting of toilet section of Asy. IV; construction and installation of hydrotherapy room in basement of Hecht; repairs to all boilers; installation of telephone line, motor, switch-board at pumping station, and 40 wells pulled, cleaned and redriven; new under structure at Camp Russell, and new upper floor constructed with three rooms and bath at the Steward's house.

Among the articles manufactured in the sewing and industrial rooms some of

the outstanding items are: 201 dozen women's aprons, 78 dozen infants' dresses, 360 dozen women's dresses, 22½ dozen men's white jumpers, 34 dozen men's brown overalls, 17½ dozen men's white overalls, 116 dozen men's shirts, 285 dozen women's chemises, 483 mattresses, 621 dozen pillowslips, 773 dozen sheets, 405 rugs, 91 dozen laundry bags, 1,705 dozen towels and 1,081 yards of toweling.

Items repaired include 433 books, 3,818 pairs of shoes, 1,058 dozen stocking and 2,757 dozen pieces of outer clothing and underwear.

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, 1929</i>	<i>Last Appropriation</i>
Personal services	\$468,990	\$430,000
Religious instruction	2,200	2,100
Travel, transportation and office expense	5,900	5,500
Food	246,959	230,000
Clothing and materials	65,400	65,000
Heat, light and power	66,560	64,000
Medical and general care	37,750	35,000
Furnishings and household supplies	46,500	43,000
Farm	42,600	37,000
Garage, stable and grounds	10,025	11,000
Repairs, ordinary	35,000	31,000
Repairs and renewals	28,770	11,000
Totals	\$1,056,654	\$964,600

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

Maternity ward	\$29,415
Industrial building	31,341
Storage building	23,940
Laundry equipment and extension	11,126
Real estate	2,000
Land	2,000
Walks and driveways	4,000
Total	\$103,822

Special visitors during the year include His Honor the Lieutenant Governor Frank G. Allen and the Council, January 25; Dr. Samuel R. Haythorn, Professor of Pathology, Pittsburgh, Pa., April 27; Miss Bowen and Senior Class of the Lowell General Hospital Training School for Nurses, May 14; the Honorable Michael J. Landers, Mayor, and Aldermen of Lawrence, July 18; Dr. H. L. Higgins and associates of the Children's Department, Massachusetts General Hospital, July 13; Commissioner Conant and Associate Commissioners, July 19; Commissioner Howard and Deputy Commissioner Raymond, August 9; Dr. Charles W. Page, Hartford, Conn., August 27; 100 guests for the nurses' graduation, September 19; Associate Commissioner John B. Tivnan, October 3; Dr. Richard Cabot and class of 80 in Social Ethics, Harvard College, November 5; Commissioner Conant and class of 24 in Social Welfare, November 14; Miss Wright and class of 20 in Social Ethics from Radcliffe College, November 20.

To the Rev. Moses Sedar, Chaplain, who visits the institution with unfailing regularity to minister to those of the Jewish faith, whose cheer and hearty greeting reach far beyond the limitations of his flock, I am very grateful.

To the Rev. Father McDermott, O. M. I., Superior of the Novitiate of the Oblate Fathers, for pastoral visits and many acts of courtesy, goodwill and co-operation with the Infirmary; and to the Rev. Father Fleming, O. M. I., our Chaplain during the last three years; to the Rev. Father Wholey, O. M. I., who has recently succeeded him in that capacity, and to others of their associates, I am indebted for constant attendance on the patients in the wards, for services in the Chapel and for the encouragement, cheer and spiritual guidance by them so freely given.

To the Rev. Charles F. Frederick, the pastor of the church at North Tewksbury, our Chaplain for two years past, who leaves us at the beginning of the new year, there are many of his followers and friends owing much to him for comfort, happiness and inspiration.

To the Rev. John Cummings, the pastor of the Tewksbury Church, who has recently taken up the duties as Chaplain, in behalf of the Infirmary I wish to express my thanks.

The varied ministrations, acts and kindly greetings in the Chapel, on the wards, and everywhere, of all of these our Chaplains, abundantly proclaim the ever-living principle, the all-persuasive doctrine, that "God is Good."

With the first part of the history of this institution I am familiar only by the statements and traditions of older and earlier officers and employees whom I have known, and by reading the official reports of that period. The privilege of writing the seventy-fifth annual report is by me greatly appreciated as one who has known the State Infirmary for more than one-half of her history, and who has been the executive officer for more than two-fifths of the years.

There is much of pride and personal satisfaction in the period of its rapid growth, in numbers, new buildings, wards, grounds, increasing acres, and valuations; improvements in organization and raising of standards of care and treatment which may be found, as noted in succeeding annual reports, all of which as important history I hope to prepare for later publication, but space in this report does not permit, and modesty should forbid enumeration of the items of progress since 1897. However, I am moved to further expression on the subject at this time.

Since the opening in 1854, 224,996 people have been admitted. Since my connection here in 1891, 134,712 persons have received treatment and care. This includes all sorts, conditions, vicissitudes, abnormalities and injuries of poor or feeble, sick or suffering human beings, from birth and on through the periods or decades to the rounding out of a century, with "the heartaches and the thousand natural shocks that flesh is heir to."

While 17,800 of the above number, mostly aged, terminal cases, have been attended, eased, or comforted while passing from their mortal state, there have been over 116,000 persons discharged or transferred, and helped, improved, healed or cured, in preparation for return to their communities. I count it as an unusual and happy experience to have seen the reactions in spirit, the brightening of saddened faces, and changes for the better, in body and in mind of these thousands of the state's least fortunate ones, to whom it has been my duty to lend a hand in fitting them for the outside world once more.

The pleasant memories, the happy incidents, the daily work, familiar sounds of voices, motors, wheels, and passing feet; the patients, friends, the joyful holidays, reunions, exercises, festivals and sports, and Christmas times, seem to transform, at times, this favored healthful spot, with all its charm and Nature's gracious gifts, into a veritable Happy Land.

The many lasting friendships that are made, official visitors and friends who wisely counsel and are ever ready to assist, encourage and to ease the burdens here, the great family of workers, of employees, nurses and officers, my colleagues, whose faithful service make this little world go round, all testify to the preponderance of good in human kind.

Again, the intimate association with the unusual number of members of the Staff who have attained distinction in hospital organizations, as noted superintendents, or in other positions as teachers, or have gained renown as general or special practitioners in the medical or hospital world, who have held high the fame of the State Infirmary, will ever be a matter that I cherish.

And for these priceless privileges that have been mine to enjoy in the hospital service of the state, I gratefully acknowledge my indebtedness to you, the members of the Board of Trustees, to whom I respectfully submit this report.

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, 1928:

INCOME STATEMENT

Board of inmates	\$93,755 87
Personal services:	
Receipts from the Board of Retirement	322 23
Sales	5,449 80
Interest on bank balances	461 61
Miscellaneous	303 28
Total income	\$100,292 79

MAINTENANCE

Balance from previous year, brought forward	\$12,764 13
Appropriation, current year	964,600 00
Total	\$977,364 13
Expenses (as analyzed below)	954,866 95
Balance reverting to treasury of Commonwealth	\$22,497 18

EXPENDITURES

	Bills Passed for Payment	Actual Expense Basis
Personal services	\$413,596 05	\$413,596 05
Food	237,237 75	317,287 90
Medical and general care	39,607 65	40,220 02
Farm	43,042 68	45,683 13
Heat, light and power	52,571 90	59,668 12
Garage, stable and grounds	10,942 06	11,047 15
Travel, transportation and office expenses	5,849 83	5,876 79
Religious instruction	2,030 97	2,031 10
Clothing and materials	63,458 30	66,516 63
Furnishings and household supplies	48,107 78	52,084 50
Repairs, ordinary	29,749 65	29,787 75
Repairs and renewals	8,672 33	9,300 74
Total	\$954,866 95	\$1,053,099 88
Supplies on hand December 1, 1927	\$59,433 12	
Supplies on hand November 30, 1928	\$44,542 10	
Less decrease in supplies on hand		14,891 02
		\$1,038,208 86
Less farm products transferred to supplies	\$73,958 47	
Less cash discounts—maintenance	9,383 44	83,341 91
Equals "Bills passed for payment"		\$954,866 95

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

WALTER L. MORGAN, *Comptroller.*

SPECIAL APPROPRIATIONS

	Appropriation	Expended During Fiscal Year	Expended to Date	Balance
Asylum for Women	\$9,400 00	\$2,240 65	\$9,353 42	\$46 58
Building for Male Inmates	35,500 00	20,933 70	20,983 70	14,516 30
Laundry Equipment and Ex- tension	20,000 00	—	—	20,000 00
Water Tower	27,500 00	2,525 93	2,525 93	24,974 07
Power House Equipment	30,000 00	—	—	30,000 00
Rebuilding Roads	8,000 00	7,982 82	7,982 82	17 18
Totals	\$130,400 00	\$33,683 10	\$40,845 87	\$89,554 13

PER CAPITA

During the year the average number of inmates has been 2,574.

Total cost for maintenance, \$954,866.95.

Equal to a weekly per capita cost of \$7.1340.

Institution income, \$100,292.79.

Net weekly per capita, \$6.3847.

Respectfully submitted,

JOHN H. NICHOLS, *Superintendent.*

VALUATION, NOVEMBER 30, 1928

REAL ESTATE

Buildings	\$1,988,840 37	
Land and other real estate	79,940 32	
		\$2,068,780 69

PERSONAL PROPERTY

Travel, transportation and office expense	\$872 31
Food	19,621 04
Clothing and materials	55,644 30
Furnishings and household supplies	248,016 72
Medical and general care	28,010 20
Heat, light and power	7,434 36
Farm	74,024 88
Garage, stable and grounds	15,261 14
Repairs, ordinary	15,325 25
Totals	\$464,210 20

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		1,495	1,044
Number received during the year		2,120	640
Number discharged or died during the year		2,028	636
Number at end of fiscal year		1,587	1,048
Daily average attendance (i. e., number of inmates actually present) during the year		1,512	1,062
Average number of officers and employees during the year		198.86	259.47

STATISTICAL STATEMENT

STATEMENT No. 1

Number in hospital December 1, 1927, 2,539; admitted during the year, 2,760; discharged during the year, 2,664; supported during the year, 5,299; deaths during the year, 489; births during the year, 125; weekly average, 2,574; present number, 2,635.

Of the 2,760 admitted during the twelve months ending November 30, 1928, there were from: Boston, 1,298; Lowell, 143; births, 122; Tewksbury, 103; Fall River, 94; Worcester, 76; Lawrence, 73; Lynn, 50; Springfield, 41; Industrial School for Girls, Lancaster, 36; Sherborn Reformatory, 31; Chelsea, 29; New Bedford, 27; Medford, 22; Danvers State Hospital, Haverhill, 20 each, 40; Malden, 18; Cambridge, Everett, Salem, 14 each, 42; Quincy, Wilmington, 13 each, 26; Amesbury, 12; Andover, Billerica, Holyoke, Industrial School for Boys, Westboro, Methuen, Newton, Reading, Somerville, Saugus, 11 each, 99; Revere, Woburn, 10 each, 20; Wakefield, 9; North Adams, Waltham, 8 each, 16; Brockton, Fitchburg, Framingham, Gardner, Newburyport, Peabody, Weymouth, 7 each, 49; Attleboro, Gloucester, Hull, Milford, Wrentham State School, 6 each, 30; Arlington, Blackstone, Danvers, Hudson, North Andover, Pittsfield, State Farm, Watertown, Westfield, Winthrop, 5 each, 50; Dracut, Dunstable, Leominster, Mansfield, Sudbury, Winchester, Westford, Stoneham, Walpole, 4 each, 36; Athol, Beverly, Belmont, Dennis, Lincoln, Maynard, Medfield, Marblehead, Northampton Sharon, Winchendon, 3 each, 33; Ayer, Ashburnham, Bedford, Braintree, Bernardston, Boxboro, Clinton, Cohasset, Dalton, Dighton, Essex, Holden, Huntington, Industrial School for Boys, Shirley, Montague, Norwood, North Reading, North Attleboro, Newbury, Orange, Oxford, Palmer, Pondville, Rowley, Southbridge, Stoughton, Stow, Westboro, West Springfield, Whitman, Williamstown, 2 each, 62; Auburn, Acton, Avon, Abington, Brookline, Burlington, Barre, Belcher-town State School, Berlin, Chelmsford, Concord, Canton, Clarksburg, Dartmouth, Douglas, Dedham, East Bridgewater, Easton, East Longmeadow, Falmouth, Groton, Great Barrington, Groveland, Hingham, Hardwick, Hopkinton, Heath, Lenox, Merrimac, Melrose, Marlboro, Millville, Middleboro, Marion, Mendon, Monson State Hospital, Norfolk, Norton, Norwell, Northbridge, Natick, Nantucket North Reading State Sanatorium, North Chelmsford, North Grafton, Oak Bluffs, Phillipstown, Russell, Rutland, Rehoboth, Rockland, Swampscott, Salisbury, Seekonk, Sandwich, Swansea, Sherborn, South Acton, Taunton, Topsfield, Taunton State Hospital, Wareham, Webster, Worcester State Hospital, Westminister, Worthington, Wellesley, Windsor, Westport, Weston, Walter E. Fernald State School, Wendell, Warren, 1 each, 73.

The following table shows the number each month, sex and age:

	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
1927													
December	279	230	49	19	10	21	26	37	68	73	22	3	-
1928													
January	254	205	49	17	12	27	18	42	65	50	21	2	-
February	191	137	54	17	10	22	10	30	44	35	19	4	-
March	191	130	61	23	12	27	22	21	40	29	15	1	1
April	209	161	48	22	12	21	21	21	42	40	28	1	1
May	236	177	59	22	13	24	9	33	49	60	22	4	-
June	211	159	52	20	10	24	17	25	42	43	27	3	-
July	214	167	47	19	9	18	19	25	41	46	28	8	1
August	241	183	58	20	20	18	14	28	48	52	37	4	-
September	222	166	56	17	11	17	15	26	51	46	32	5	2
October	216	165	51	18	11	16	12	27	36	61	28	7	-
November	296	230	66	15	22	37	20	36	70	62	32	2	-
Totals	2,760	2,110	650	229	152	272	203	351	596	597	311	44	5

STATEMENT NO. 2

Nativity of Inmates

Massachusetts, 981; Ireland, 495; British Provinces, 355; Maine, 130; England, 94; New York, 88; New Hampshire, 73; Vermont, 49; Connecticut, 41; Italy, Rhode Island, 40 each, 80; Scotland, 38; Russia, 37; Poland, Sweden, 28 each, 56; Pennsylvania, 18; Germany, 17; New Jersey, 15; Lithuania, 14; Austria, 13; Unknown, 10; Finland, Georgia, Illinois, 9 each, 27; Syria, 8; Cape Verde Islands, Greece, North Carolina, Turkey, 7 each, 28; Armenia, Virginia,

6 each, 12; West Indies, Wisconsin, 5 each, 10; Florida, Louisiana, Maryland, Portugal, South Carolina, 4 each, 20; Azores, California, China, Michigan, Norway, Nebraska, Ohio, 3 each, 21; Albania, Delaware, France, Hungary, Kansas, Kentucky, Missouri, Spain, Switzerland, 2 each, 18; Arkansas, Arizona, Brazil, Born at sea, Denmark, District of Columbia, Indiana, Iowa, Japan, Mississippi, Montana, Porto Rico, 1 each, 12.

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	
1927														
December . . .	11	7	4	-	-	7	4	-	9	-	-	2	11	
1928														
January . . .	9	6	3	-	-	6	3	2	7	-	1	1	9	
February . . .	8	3	5	-	1	3	4	-	6	-	-	2	8	
March . . .	10	2	8	-	-	2	8	-	8	1	-	1	10	
April . . .	13	7	6	-	-	7	6	-	12	-	-	1	13	
May . . .	13	5	8	-	-	5	8	-	8	1	1	3	13	
June . . .	10	7	3	-	-	7	3	-	8	1	-	1	10	
July . . .	10	4	6	-	-	4	6	-	8	-	1	1	10	
August . . .	13	4	9	1	-	3	9	-	10	1	2	-	13	
September . . .	11	4	7	-	-	4	7	-	8	-	3	-	11	
October . . .	12	6	6	-	-	6	6	-	4	-	3	-	12	
November . . .	5	2	3	1	-	1	3	-	3	-	2	-	5	
Totals . . .	125	57	68	2	1	55	67	2	96	4	13	12	125	

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	4	3	1	4	-	-	-	-
11	Influenza	42	2	40	42	-	-	-	-
13	Mumps	2	-	2	2	-	-	-	-
21	Erysipelas	2	2	-	1	-	-	1	-
23	Encephalitis Lethargica	1	1	-	-	-	-	1	-
25a	Chicken-pox	13	5	8	13	-	-	-	-
31	Tuberculosis of the Respiratory System	396	314	82	10	64	67	86	169
34	Tuberculosis of Vertebral Column	9	8	1	-	1	4	-	4
35	Tuberculosis of the Joints	7	7	-	-	3	2	-	2
36	Tuberculosis of Other Organs	14	12	2	-	2	1	1	10
38a	Syphilis, Primary and Secondary	25	12	13	2	16	2	-	5
38b	Syphilis, Tertiary	69	44	25	7	13	13	-	36
38c	Syphilis, Congenital	20	12	8	2	5	-	5	8
38d	Syphilis, Latent	16	15	1	2	9	5	-	-
40	Gonococcus Infection	138	68	70	52	39	5	-	42
41	Purulent Infection	1	1	-	-	1	-	-	-
43	Cancer, Buccal Cavity	20	20	-	-	-	-	13	6
44	Cancer, Stomach and Liver	22	16	6	-	-	3	7	12
45	Cancer, Intestines and Peritoneum	12	10	2	-	-	-	-	5
46	Cancer, Female Genital Organs	8	-	8	-	1	2	5	5
48	Cancer, Skin	13	13	-	-	-	1	4	8
49a	Cancer, Bladder	1	1	-	-	-	1	1	-
49b	Cancer, Prostate	6	6	-	-	-	2	4	-
49c	Cancer, Larynx	1	1	-	-	-	-	1	-
49d	Cancer, Other Organs	5	5	-	-	-	-	-	5
50	Benign Tumor	10	5	5	-	-	2	3	5
52	Chronic Rheumatism, Osteoarthritis	230	200	30	-	64	42	1	123
57	Diabetes Mellitus	22	18	4	-	5	5	3	9
58a	Pernicious Anemia	11	6	5	-	1	1	5	4
58b	Other Anemias	5	3	2	1	1	1	1	1
59	Diseases of the Pituitary Gland	3	3	-	-	2	-	-	1
60b	Other Diseases of the Thyroid	5	2	3	-	-	-	-	5
62	Status Lymphaticus	1	1	-	-	-	-	1	-
65a	Leukemia	4	3	1	-	-	1	2	1
66	Alcoholism	115	112	3	80	5	-	1	29
68	Drug Habit	1	1	-	-	1	-	-	-
<i>Diseases of the Nervous System and Organs of Special Sense</i>									
70	Encephalitis	13	12	1	-	-	6	1	6
72	Tabes Dorsalis	41	33	8	-	3	12	6	20
73	Other Diseases of the Spinal Cord	32	18	14	-	1	2	14	15
74	Cerebral Hemorrhage	25	21	4	-	-	1	14	10
75	Hemiplegia	105	77	28	-	2	4	-	99
76	General Paralysis of the Insane	2	2	-	-	-	-	-	2
77	Other Forms of Mental Alienation	90	32	58	-	10	41	-	39
78	Epilepsy	13	7	6	-	-	3	1	9
81	Chorea	8	-	8	-	-	-	-	8
82	Neuralgia and Neuritis	18	17	1	5	8	-	-	5
84a	Other Diseases of the Nervous System	79	66	13	3	5	10	4	57
84b	Feeble-minded	74	31	43	1	1	26	-	46
85	Diseases of Eye and Annexa	83	71	12	6	4	27	-	46
86	Diseases of Ear	15	10	5	4	1	5	2	3
<i>Diseases of the Circulatory System</i>									
88	Endocarditis, Myocarditis	191	131	60	-	11	59	51	70
89	Angina Pectoris	8	8	-	-	-	-	8	-
90	Other Diseases of the Heart	85	81	4	-	31	25	-	29
91	Diseases of the Arteries:								
	a. Aneurysm	3	3	-	-	-	-	2	1
	b. Arteriosclerosis	633	431	202	-	14	246	114	259
93	Diseases of the Veins	61	55	6	4	7	23	-	27
96	Other Diseases of the Circulatory System	3	3	-	-	-	1	-	2
<i>Diseases of the Respiratory System</i>									
97	Diseases of the Nasal Fossae	19	17	2	11	1	3	-	4
99a	Acute Bronchitis	33	31	2	12	3	5	-	13
99b	Chronic Bronchitis	50	49	1	-	8	6	-	36
100	Broncho-Pneumonia	3	2	1	1	-	-	2	-
101	Lobar Pneumonia	19	17	2	9	-	-	10	1
102	Pleurisy	24	24	-	2	8	6	-	8
104	Abscess of Lung	9	9	-	1	1	-	1	6
105	Asthma	41	37	4	-	9	10	1	21
107	Other Diseases of the Respiratory System	4	4	-	-	1	-	1	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 Digestive System</i>								
108	Diseases of the Mouth	10	8	2	5	3	1	1	-
109	Diseases of the Pharynx and Tonsils	4	2	2	3	1	-	-	-
111	Ulcer of Stomach and Duodenum	11	11	-	1	1	6	1	3
112	Other Diseases of the Stomach	7	6	1	1	1	2	-	3
113	Diarrhoea and Enteritis (under 2 years)	22	14	8	6	1	-	10	5
114	Diarrhoea and Enteritis (over 2 years)	9	9	-	3	1	1	-	4
117	Appendicitis	2	2	-	2	2	-	-	-
118	Hernia	101	90	11	23	2	36	1	39
119	Other Diseases of the Intestines	14	10	4	5	1	3	-	5
122	Cirrhosis of the Liver	6	6	-	-	-	1	5	-
124	Other Diseases of the Liver	3	1	2	1	1	-	-	1
127	Other Diseases of the Digestive Sys- tem	19	17	2	6	1	2	-	10
	<i>Non-Veneral Diseases of the Genito- Urinary System and Annexa</i>								
129	Chronic Nephritis	28	22	6	-	5	5	12	6
131	Other Diseases of the Kidneys and Annexa	5	3	2	1	2	1	1	-
133	Diseases of the Bladder	12	9	3	5	2	3	-	2
134a	Diseases of the Urethra	1	1	-	-	-	-	1	-
135	Diseases of the Prostate	26	26	-	5	4	8	1	8
136	Non-Veneral Diseases	14	13	1	4	2	3	-	5
138	Salpingitis	1	-	1	1	-	-	-	-
139	Benign Tumors of the Uterus	1	-	1	-	-	-	1	-
141	Other Diseases of the Female Gener- ative Organs	10	-	10	4	1	1	-	4
	<i>The Puerperal State</i>								
143a	Abortion	4	-	4	3	-	-	1	-
143b	Pregnancy	150	-	150	125	-	11	-	14
143c	Convalescent Parturition	34	-	34	27	2	-	-	5
146	Puerperal Septicemia	1	-	1	-	-	-	1	-
	<i>Diseases of the Skin and Cellular Tissue</i>								
151	Gangrene	3	2	1	2	1	-	-	-
152	Furuncle	3	3	-	3	-	-	-	-
153	Acute Abscess	4	4	-	3	-	-	1	-
153b	Scabies	2	1	1	2	-	-	-	-
154	Other Diseases of Skin and Annexa	183	156	27	62	25	14	-	82
	<i>Diseases of Bones and Organs of Loco- motion</i>								
155	Diseases of the Bones and Joints	28	25	3	6	2	7	1	12
158	Other Diseases of the Organs of Loco- motion	56	55	1	8	8	27	-	13
	<i>Malformations</i>								
159a	Hydrocephalus	5	5	-	-	-	-	1	4
159b	Congenital Malformation of the Heart	5	2	3	-	-	-	-	5
159c	Spina Bifida	2	1	1	-	-	-	2	-
159d	Congenital Idiocy	5	2	3	-	-	-	4	1
	<i>Early Infancy</i>								
161a	Stillborn	3	2	1	-	-	-	3	-
161c	Prematurity	2	-	2	-	-	-	2	-
162a	Infancy	176	79	97	122	-	-	-	54
162b	Malnutrition	5	3	2	-	-	-	5	-
	<i>External Causes</i>								
168	Suicide by Strangulation	1	1	-	-	-	-	1	-
179	Burns	3	3	-	2	-	-	1	-
185	Accidental Fracture by Fall	3	3	-	-	-	-	3	-
193	Frost Bite	12	12	-	10	2	-	-	-
201a	Fractures and Dislocations	57	50	7	26	5	-	-	26
201b	Convalescent Fractures and Disloca- tions	46	41	5	11	11	3	-	21
201c	Sprains	6	5	1	3	-	-	-	3
202	Contusions and Abrasions	66	66	-	47	3	2	-	14
	<i>Ill-Defined Diseases</i>								
206	No Disease	198	141	57	120	-	-	-	78
207	Senility	99	41	58	-	1	18	-	80
	Totals	4,506	3,184	1,322	933	451	836	445	1,841

TABLE OF DEATHS

Detail Inv. List No.	Causes of Death	Table of Ages														
		Totals	Males	Females	Under	1-5	5-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
					1 Year											
21	Facial Encephalus	1	1	-	-	-	-	-	1	-	-	-	-	-	-	
23	Encephalitis Lethargica	1	1	-	-	-	-	-	-	1	-	-	-	-	-	
31	Tuberculosis of the Respiratory System	86	60	26	-	-	1	5	23	24	13	11	6	3	-	
36d	Tuberculosis of Other Organs	1	1	-	-	-	-	-	1	-	-	-	-	-	-	
38d	Congenital Syphilis	5	5	-	3	1	1	-	-	-	-	-	-	-	-	
43	Cancer, Buccal Cavity	13	13	-	-	-	-	-	-	-	8	1	2	2	-	
44	Cancer, Stomach and Liver	7	4	3	-	-	-	-	-	-	2	1	2	2	-	
45	Cancer, Intestines and Peritoneum	7	4	3	-	-	-	-	-	-	2	1	2	2	-	
46a	Cancer, Female Genital Organs	5	-	5	-	-	-	-	-	-	1	2	2	-	-	
48	Cancer, Skin	4	4	-	-	-	-	-	-	-	2	1	1	-	-	
49a	Cancer, Bladder	1	-	1	-	-	-	-	-	-	-	1	1	-	-	
49b	Cancer, Prostate	4	4	-	-	-	-	-	-	-	-	4	-	-	-	
49c	Cancer, Larynx	1	1	-	-	-	-	-	-	-	-	-	1	-	-	
50	Benign Tumors	3	3	-	-	-	-	1	1	1	-	-	-	-	-	
52	Arthritis Deformans	1	-	1	-	-	-	-	1	1	-	-	-	-	-	
57	Diabetes Mellitus	3	3	-	-	-	1	-	-	-	-	2	2	-	-	
58a	Pernicious Anemia	5	3	2	-	-	-	-	-	-	1	2	2	-	-	
58b	Aplastic Anemia	1	-	1	-	-	-	-	-	1	-	-	-	-	-	
62	Status Lymphaticus	1	1	-	-	1	-	-	-	-	-	-	-	-	-	
65a	Leukemia	2	1	1	-	-	-	-	-	1	-	-	1	-	-	
66	Alcoholism	1	1	-	-	-	-	-	-	-	1	-	-	-	-	
70	Encephalitis	1	1	-	-	-	-	-	1	-	-	-	-	-	-	
72	Tabes Dorsalis	6	6	-	-	-	-	-	-	2	-	2	2	-	-	
73	Other Diseases of the Spinal Cord	14	11	3	-	-	-	-	1	1	4	2	4	2	-	
74	Cerebral Hemorrhage	14	11	3	-	-	1	-	-	1	-	1	8	3	-	
78	Epilepsy	1	1	-	-	-	-	-	-	-	1	-	-	-	-	
84	Other Diseases of the Nervous System	4	2	2	-	-	-	1	-	1	-	1	-	1	-	
86b	Diseases of the Mastoid	2	-	2	2	-	-	-	-	-	-	-	-	-	-	
88	Endocarditis, Myocarditis	51	40	11	-	1	-	3	1	9	8	17	12	-	-	
89	Angina Pectoris	8	8	-	-	-	-	-	-	1	5	1	2	-	-	
91a	Aneurysm	2	2	-	-	-	-	-	-	-	1	1	-	-	-	
91b	Arteriosclerosis	114	80	34	-	-	-	-	1	2	32	53	22	4	-	
100	Broncho-Pneumonia	2	-	2	1	1	-	-	-	-	-	-	-	-	-	
101	Lobar Pneumonia	10	9	1	1	2	-	-	1	1	3	1	1	-	-	
104	Abscess of Lung	1	1	-	-	-	-	-	-	-	1	-	-	-	-	
105	Asthma	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
107	Other Diseases of the Respiratory System	1	1	-	-	-	-	-	-	-	1	-	-	-	-	
108	Diseases of the Mouth	1	1	-	-	1	-	-	-	-	-	-	-	-	-	
111a	Ulcer of the Stomach	1	1	-	-	-	-	-	-	-	1	-	-	-	-	
113	Enteritis (under 2 years)	10	8	2	7	3	-	-	-	-	-	-	-	-	-	
118a	Strangulated Femoral Hernia	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
122	Cirrhosis of Liver	5	5	-	-	-	-	-	1	1	1	2	2	-	-	
129	Chronic Nephritis	12	7	5	-	-	-	-	-	3	5	2	2	-	-	
131	Other Diseases of the Kidney	1	1	-	-	-	-	-	-	-	-	1	1	-	-	
134a	Diseases of the Urethra	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
135	Diseases of the Prostate	1	1	-	-	-	-	-	-	-	-	-	1	-	-	
139	Benign Tumors of Uterus	1	-	1	-	-	-	-	1	-	-	-	-	-	-	
143a	Abortion	1	-	1	-	-	-	-	1	-	-	-	-	-	-	
146	Puerperal Septicemia	1	-	1	-	-	-	-	1	-	-	-	-	-	-	
153	Abscess	1	1	-	-	-	-	-	-	1	-	-	-	-	-	
155	Diseases of the Bone	1	-	1	-	-	-	-	-	-	-	1	-	-	-	
159a	Hydrocephalus	1	1	-	1	-	-	-	-	-	-	-	-	-	-	
159c	Spina Bifida	2	1	1	1	1	1	-	-	-	-	-	-	-	-	
159d	Congenital Idiocy	4	1	3	1	3	-	-	-	-	-	-	-	-	-	
161	Prematurity	2	-	2	2	-	-	-	-	-	-	-	-	-	-	
161c	Stillborn	3	2	1	3	-	-	-	-	-	-	-	-	-	-	
162	Malnutrition	5	3	2	4	1	-	-	-	-	-	-	-	-	-	
168	Suicide by Strangulation	1	1	-	-	-	-	-	-	-	-	-	1	-	-	
179	Accidental Burns	1	1	-	-	-	-	-	-	1	-	-	-	-	-	
185	Accidental Traumatism	3	3	-	-	-	-	-	-	-	-	1	2	-	-	
	Totals	445	324	121	26	14	5	6	32	34	44	57	103	98	4	

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	\$2,068,780	69	
Personal property	464,210	20	
Total	\$2,532,990	89	
Total acreage of hospital property, 794. ¹			
Acreage under cultivation during year,			
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	3	31	34
Other nurses and attendants	50	148	198
Social workers	—	—	—
All other employees	147	78	225
Total physicians and employees	211	258	469
6. Percentage of patients employed during year	Men	Women	Totals
	—	—	—

The above table includes the entire institution.

TABLE 2. — *Financial Statement*

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

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

²Not including physicians.

TABLE 3. — *Movement of Insane Population for the Year ending September 30, 1928*

	Insane		
	M	F	T
1. Insane patients on books of institution Sept. 30, 1927	233	549	782
(a) First admissions	28	19	47
(b) Readmissions	1	3	4
Total admissions	29	22	51
(c) Transfers from other institutions for the insane	2	24	26
(d) Transfers as sane	—	—	—
2. Total received during the year	31	46	77
3. Total under treatment during the year	264	595	859
Discharged from the books during the year:			
(a) As recovered	1	—	1
(b) As improved	—	2	2
(c) As unimproved	1	2	3
(d) As not insane	—	—	—
(e) Transferred to other institutions for the insane	2	3	5
(f) Died during the year	17	27	44
4. Total discharged during the year	21	34	55
5. Patients remaining on books of institution	243	561	804
6a. Average daily number of patients on books during the year	237.8	548.5	786.3
6b. Average daily number of patients actually in institution during the year	234.2	542.5	776.7
7. Average number of patients on books but away on parole or visit	3.6	6.	9.6
8. Number of patients actually in institution Sept. 30, 1928	238	554	792
9. Drug cases	—	—	—
10. Inebriates	—	—	—
State	—	—	—
Reimbursing	—	—	—

TABLE 4. — *Nativity of First Admissions*

	Patients			Parents of Male Patients			Parents of Female Patients		
	M	F	T	M	F	T	M	F	T
Austria	1	—	1	1	1	1	—	—	—
Canada	6	2	8	7	8	7	1	1	1
Cuba	—	—	—	1	—	1	—	—	—
England	—	1	1	—	1	1	1	1	1
Hungary	1	—	1	1	1	1	—	—	—
Ireland	4	2	6	7	7	5	3	3	3
Italy	—	—	—	—	—	—	1	1	1
Poland	2	2	4	2	2	1	2	2	1
Portugal	—	1	1	—	—	—	1	1	1
Scotland	1	—	1	1	—	1	—	—	—
Syria	1	—	1	1	1	1	—	—	—
United States	12	11	23	7	7	6	6	6	6
Unascertained	—	—	—	—	—	—	4	4	4
Totals	28	19	47	28	28	22	19	19	18

TABLE 5. — *Citizenship of First Admissions*

	M	F	T
Citizens by birth	12	11	23
Citizens by naturalization	1	3	4
Aliens	15	5	20
Totals	28	19	47

M — Male. F — Female. T — Total

TABLE 6. — *Psychosis of First Admissions*

	M	F	T	M	F	T
Senile Psychosis	-	-	-	8	6	14
Simple Deterioration	7	4	11	-	-	-
Paranoid	1	2	3	-	-	-
Psychosis with Cerebral Arteriosclerosis	-	-	-	4	2	6
General Paresis	-	-	-	2	-	3
Psychosis with Cerebral Syphilis	-	-	-	1	1	1
Psychosis with other Brain and Nervous Diseases	-	-	-	1	2	3
With Friedreich's Ataxia	1	1	1	-	-	-
With Congenital Cerebral Diplegia	-	1	1	-	-	-
With Encephalitis Lethargica	-	1	1	-	-	-
Alcoholic Psychosis	-	-	-	6	-	6
Acute Hallucinosis	4	-	4	-	-	-
Alcoholic Deterioration	2	-	2	-	-	-
Psychosis with Somatic Disease	-	-	-	2	-	2
With Tuberculosis of Lungs	1	-	1	-	-	-
With Influenza	1	-	1	-	-	-
Manic Depressive Psychosis	-	-	-	1	1	2
Depressed	1	1	2	-	-	-
Dementia Praecox	-	-	-	1	3	4
Paranoid	-	3	3	-	-	-
Simple	1	-	1	-	-	-
Psychosis with Mental Deficiency	-	-	-	2	2	4
Mental Deficiency without Psychosis	-	-	-	-	2	2
Totals	19	12	31	28	19	47

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

Race	Totals			Senile Psychosis		Psychosis with Cerebral Arterio-sclerosis		General Paresis		Psychosis with Cerebral Syphilis		Psychosis with Other Brain and Nervous Diseases		Alcoholic Psychosis		Psychosis with Somatic Disease		Manic Depressive Psychosis		Dementia Praecox		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
	African	2	1	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Austrian	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Canadian	6	1	7	1	-	1	-	1	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1
French	7	8	15	2	4	-	-	1	-	-	-	-	1	1	1	-	-	-	-	-	2	2	-	-	1
English	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
German	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	1	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish	7	4	11	2	1	2	-	1	-	-	-	-	-	3	-	-	-	1	-	-	-	1	-	-	-
Italian	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Magyar	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Polish	2	2	4	1	-	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Portuguese	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syrian	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Totals	28	19	47	8	6	4	2	2	1	1	-	1	2	6	-	2	-	1	1	1	3	2	2	-	2

M — Male. F — Female. T — Total.

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

Psychosis	Total			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		
	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	8	6	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Cerebral Arteriosclerosis	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
General Paresis	2	1	3	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Cerebral Syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Other Brain and Nervous Diseases	1	2	3	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic Psychosis	6	-	6	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Somatic Disease	2	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic Depressive Psychosis	1	1	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia Praecox	1	3	4	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychosis with Mental Deficiency	2	2	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Mental Deficiency without Psychosis	-	2	2	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	28	19	47	1	2	-	1	-	2	1	3	2	-	3	2	3	-	4	-	3	2	3	-	1	1	5	5	2	1	1

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

Psychosis	Totals			Illiterate		Reads and Writes		Common School		High School	
	M	F	T	M	F	M	F	M	F	M	F
Senile Psychosis	8	6	14	2	1	2	1	4	4	-	-
Psychosis with Cerebral Arteriosclerosis	4	2	6	-	1	3	-	1	1	-	-
General Paralysis	2	1	3	1	1	-	-	1	-	-	-
Psychosis with Cerebral Syphilis	1	-	1	-	-	1	-	-	-	-	-
Psychosis with other Brain and Nervous Diseases	1	2	3	-	1	-	-	1	1	-	-
Alcoholic Psychosis	6	-	6	2	-	2	-	2	-	-	-
Psychosis with Somatic Diseases	2	-	2	-	-	-	-	1	-	1	-
Manic Depressive Psychosis	1	1	2	-	-	1	-	-	1	-	-
Dementia Praecox	1	3	4	-	-	-	-	1	2	-	1
Psychosis with Mental Deficiency	2	2	4	1	-	1	-	-	2	-	-
Mental Deficiency without Psychosis	-	2	2	-	1	-	-	-	1	-	-
Totals	28	19	47	6	5	10	1	11	12	1	1

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

Psychosis	Total			Urban		Rural	
	M	F	T	M	F	M	F
Senile Psychosis	8	6	14	6	6	2	-
Psychosis with Cerebral Arteriosclerosis	4	2	6	4	2	-	-
General Paralysis	2	1	3	2	-	-	1
Psychosis with Cerebral Syphilis	1	-	1	1	-	-	-
Psychosis with other Brain and Nervous Diseases	1	2	3	1	1	-	1
Alcoholic Psychosis	6	-	6	6	-	-	-
Psychosis with Somatic Disease	2	-	2	2	-	-	-
Manic Depressive Psychosis	1	1	2	1	1	-	-
Dementia Praecox	1	3	4	1	1	-	2
Psychosis with Mental Deficiency	2	2	4	2	2	-	-
Mental Deficiency without Psychosis	-	2	2	-	2	-	-
Totals	28	19	47	26	15	2	4

M — Male. F — Female. T — Total.

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

Psychosis	Total			Dependent		Marginal		Comfortable	
	M	F	T	M	F	M	F	M	F
Senile Psychosis	8	6	14	—	—	8	5	—	1
Psychosis with Cerebral Arteriosclerosis	4	2	6	—	—	4	2	—	—
General Paralysis	2	1	3	—	—	2	1	—	—
Psychosis with Cerebral Syphilis	1	—	1	—	—	1	—	—	—
Psychosis with other Brain and Nervous Diseases	1	2	3	1	1	—	1	—	—
Alcoholic Psychosis	6	—	6	—	—	6	—	—	—
Psychosis with Somatic Disease	2	—	2	—	—	2	—	—	—
Manic Depressive Psychosis	1	1	2	—	1	1	—	—	—
Dementia Praecox	1	3	4	1	—	—	2	—	1
Psychosis with Mental Deficiency	2	2	4	1	1	1	1	—	—
Mental Deficiency without Psychosis	—	2	2	—	1	—	1	—	—
Totals	28	19	47	3	4	25	13	—	2

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

Psychosis	Total			Abstinent		Temperate		Intemperate	
	M	F	T	M	F	M	F	M	F
Senile Psychosis	8	6	14	—	6	3	—	5	—
Psychosis with Cerebral Arteriosclerosis	4	2	6	—	2	1	—	3	—
General Paralysis	2	1	3	—	—	1	1	1	—
Psychosis with Cerebral Syphilis	1	—	1	—	—	—	—	1	—
Psychosis with other Brain and Nervous Diseases	1	2	3	1	2	—	—	—	—
Alcoholic Psychosis	6	—	6	—	—	—	—	6	—
Psychosis with Somatic Disease	2	—	2	—	—	2	—	—	—
Manic Depressive Psychosis	1	1	2	—	1	1	—	—	—
Dementia Praecox	1	3	4	—	2	1	—	—	1
Psychosis with Mental Deficiency	2	2	4	1	2	—	—	1	—
Mental Deficiency without Psychosis	—	2	2	—	2	—	—	—	—
Totals	28	19	47	2	17	9	1	17	1

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

Psychosis	Total			Single		Married		Widowed		Divorced	
	M	F	T	M	F	M	F	M	F	M	F
Senile Psychosis	8	6	14	2	1	2	1	3	4	1	—
Psychosis with Cerebral Arteriosclerosis	4	2	6	3	—	—	—	1	2	—	—
General Paralysis	2	1	3	2	—	—	1	—	—	—	—
Psychosis with Cerebral Syphilis	1	—	1	1	—	—	—	—	—	—	—
Psychosis with other Brain and Nervous Diseases	1	2	3	1	1	—	1	—	—	—	—
Alcoholic Psychosis	6	—	6	3	—	2	—	1	—	—	—
Psychosis with Somatic Disease	2	—	2	—	—	1	—	1	—	—	—
Manic Depressive Psychosis	1	1	2	—	1	1	—	—	—	—	—
Dementia Praecox	1	3	4	1	1	—	2	—	—	—	—
Psychosis with Mental Deficiency	2	2	4	2	2	—	—	—	—	—	—
Mental Deficiency without Psychosis	—	2	2	—	1	—	—	—	1	—	—
Totals	28	19	47	15	7	6	5	6	7	1	—

M — Male. F — Female. T — Total.

TABLE 14. — *Psychosis of Readmissions*

Psychosis	M	F	T
Alcoholic Psychosis	-	1	1
Dementia Praecox	1	2	3
Totals	1	3	4

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

Psychosis	Total			Recovered		Improved		Unimproved	
	M	F	T	M	F	M	F	M	F
Alcoholic Psychosis	1	-	1	1	-	-	-	-	-
Manic Depressive Psychosis	-	1	1	-	-	-	1	-	-
Dementia Praecox	1	3	4	-	-	-	1	1	2
Totals	2	4	6	1	-	-	2	1	2

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

Causes of Death	Totals			Senile Psychosis		General Paresis		Psychosis with Cerebral Syphilis		Psychosis with Encephalitis Lethargica		Alcoholic Psychosis		Psychosis with Somatic Disease		Manic Depressive Psychosis		Dementia Praecox		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	5	10	15	4	3	-	-	-	-	-	-	2	-	-	-	-	-	-	4	1	-	-	-	-	1
Tuberculosis of Lungs	3	6	9	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
Cancer of Bile Ducts	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Cancer of Liver	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer of Prostate	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Cancer of Stomach	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Chronic Myocardial Disease	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-
General Paralysis	1	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Status Epilepticus	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Cerebral Oedema	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Chronic Cystic Goitre	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Lobar Pneumonia	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Epidemic Meningitis	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Chronic Nephritis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Perforated Duodenal Ulcer	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Cerebro Spinal Syphilis	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	17	27	44	5	4	1	1	1	-	-	1	2	3	-	-	1	-	5	12	1	2	-	2	1	2

M — Male. F — Female. T — Total.

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

Psychosis	Totals		15-20		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	5	4	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	2	1	-	-	1	
General Paralysis	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	-	-	-	-		
Psychosis with Cerebral Syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
Psychosis with Encephalitis Lethargica	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-		
Alcoholic Psychosis	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
Psychosis with Somatic Disease	3	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-		
Manic Depressive Psychosis	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Dementia Praecox	5	12	17	-	-	-	-	-	-	-	-	1	2	1	-	2	-	3	1	-	-	1	1	-	2	1	1	-	1		
Epileptic Psychosis	1	2	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
Psychosis with Mental Deficiency	-	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
Mental Deficiency without Psychosis	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-		
Totals	17	27	44	-	1	-	-	-	-	-	1	1	2	2	-	4	-	4	1	1	1	1	1	6	3	3	5	2	2	1	3

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

Psychosis	Total		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	M	F		
	Senile Psychosis	5	4	9	-	-	-	-	-	-	1	-	-	1	2	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
General Paralysis	1	1	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Psychosis with Cerebral Syphilis	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Psychosis with Encephalitis Lethargica	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alcoholic Psychosis	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
Psychosis with Somatic Disease	3	-	3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Manic Depressive Psychosis	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Dementia Praecox	5	12	17	-	-	-	-	-	-	-	1	1	2	-	-	1	1	1	-	-	-	-	2	-	-	-	-	1	1	6	
Epileptic Psychosis	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-		
Psychosis with Mental Deficiency	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Mental Deficiency without Psychosis	1	2	3	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	
Totals	17	27	44	-	-	-	-	1	1	-	1	6	4	5	-	1	2	3	-	-	-	2	1	-	-	2	1	-	6	2	9

M — Male. F — Female. T — Total.

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