

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

Mass. MEDFIELD STATE HOSPITAL (Insane),
Harding.

FOR THE

YEAR ENDING NOVEMBER 30,

1937

DEPARTMENT OF MENTAL DISEASES



4

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE.
500. 6-'38. Order 4151.

OCCUPATIONAL PRINTING PLANT
DEPARTMENT OF MENTAL DISEASES
GARDNER STATE HOSPITAL
EAST GARDNER, MASS.

1939
copy

MEDFIELD STATE HOSPITAL

(Post Office Address: Harding, Mass.)

OFFICERS OF THE HOSPITAL TRUSTEES

GEORGE O. CLARK, M.D., *Chairman*, Boston.
CHRISTIAN LANTZ, *Secretary*, Salem.
LOUISE M. WILLIAMS, Taunton.
DANFORTH COMINS, Concord.
EVA B. WATSON, Boston.
JOHN H. CRAIG, Natick.
EUGENE M. CARMAN, Somerville.

RESIDENT OFFICERS

EARL K. HOLT, M.D., *Superintendent*.
G. ALLEN TROXELL, M.D., *Assistant Superintendent*.
JOHN J. SLATTERY, M.D., *Senior Physician*.
VICENTE A. NAVARRO, M.D., *Senior Physician (Pathology)*.
GRACE T. CRAGG, M.D., *Senior Physician*.
EREL L. GUIDONE, M.D., *Assistant Physician*.
EDWARD MOZES, M.D., *Assistant Physician*.
_____, *Assistant Physician*.
_____, *Assistant Physician*.
ELTON V. FAASS, D M.D., *Dentist*.
PASCAL A. CANTOREGGI, *Steward*.
JOSEPHINE M. BAKER, *Treasurer*.

HEADS OF DEPARTMENTS

MYRON D. PLACE, *Chief Engineer*.
ARTHUR F. SMITH, *Maintenance Foreman Mechanic*.
RODMAN NOWERS, *Head Farmer*.
FLORENCE M. WOOLDRIDGE, R.N., *Principal of School of Nursing*.
CHARLES W. BROWNING, *Chief Supervisor, Male Side*.
HATTIE I. TROXELL, R.N., *Head Housekeeper*.
MARY PELCZAR, *Dietitian*.
ELIZABETH C. KENNEDY, *Head Occupational Therapist*.

CONSULTING STAFF

GEORGE O. CLARK, M.D., *Surgeon*.
M. JAMES SHAUGHNESSY, M.D., *Surgeon*.
EUGENE A. GASTON, M.D., *Surgeon*.
ALBERT EVANS, M.D., *Physician*.
HAROLD TOBEY, M.D., *Laryngologist*.
FRED KINGSLEY, M.D., *Ophthalmologist*.
JOHN ADAMS, M.D., *Orthopedist*.
WILLIAM R. MACAUSLAND, M.D., *Orthopedist*.
FREDERICK A. KEYES, D.M.D., *Dentist*.
CARLTON F. WHITNEY, *Podiatrist*.

TRUSTEES' REPORT

To His Excellency, The Governor, and the Honorable Council:

The accompanying report of the Superintendent sets forth with great detail the activities of the Hospital during the past year and gives detailed information as to specific improvements recommended for the betterment of the institution. In many instances the matters recommended have been recommended by him and by us for several years past and while much has been accomplished for the good of the institution and its patients and employees as a result of appropriations there is much, nevertheless, to be accomplished before conditions will be even satisfactory.

In previous reports we have called attention to the serious condition due to the fact that the institution is unable properly to house and to attend to the patients committed to it and to the necessity for additional buildings and equipment to relieve this situation — the institution is overcrowded to the extent of approximately 18 per cent. Modern and adequate facilities are urgently needed for the

P.D. 59

M48r
1937
B

treatment of tuberculosis cases and the two small wooden buildings now used for that purpose should be abandoned. Indeed, in our opinion it would be wise to provide for the transfer of tuberculosis cases to another institution where satisfactory isolation and treatment facilities exist for this type of case. Furthermore, provision should be made for an isolation unit for contagious cases, which could be brought about readily by the construction of a wing addition to the Infirmary building as proposed under the "Special Appropriation" requests in the Superintendent's report.

In previous years we have emphasized the necessity of replacing inadequate and outmoded toilet and bath facilities in ward buildings; though some steps have been made in this direction as a result of previous appropriations, there is urgent need that such work be done in all of the remaining buildings and in our opinion this would be more economically done simultaneously in the various buildings rather than to continue the previous program of doing a bit here and there each year.

As a result of the increase of about ninety employees, following the enactment of the law limiting employment to forty-eight hours per week, it has become necessary to pay a cash allowance in lieu of part maintenance to those employees for whom living and rooming accommodations were not available at the institution. These employees are experiencing no difficulty, however, in finding proper homes and facilities nearby to their work and since the Hospital is suffering no inconvenience in service as a result of this situation and the cost thereof is not excessive, there seems little justification for the construction at this time of additional living quarters which would involve a considerable capital outlay and an annual expense for heating, lighting, and servicing doubtless in excess of the cash allowance mentioned. Accordingly we recommend the continuance of the present arrangement.

We have repeatedly given warning with respect to the fire hazards and made specific recommendations with respect thereto. To accomplish the desired end outlined by the Department of Public Safety will require special appropriation which we again recommend.

To carry out the Inspector's recommendations for replacement of wooden stairs with metal stairs and fireproof enclosures, and for additional fire stairs and exits in certain buildings and for additional sprinkler protection in certain buildings (all as more fully appearing in the Superintendent's report and recommendations) an appropriation of the sum of approximately \$175,000 will be required.

Regular fire drills have been held every Monday morning in the year.

Upon past occasions we have also called attention and made recommendations with respect to the following, which we repeat:

There is a provision of the Hospital quota for a dental hygienist but previous recommendations for an additional dental chair for her use have been in vain; the position cannot be filled until the necessary equipment is furnished, and there is definite need for the same.

Industrial therapy is being conducted in the basement of F-2 and on the second floor of the Shops building and the facilities for this activity are decidedly unsatisfactory. Conditions would be enormously improved by concentrating the same in a single building.

One Assistant Psychiatric Social Worker should be added to the quota.

The condition of the service rooms immediately adjacent to the dairy is such as to require extensive renovation; replacement of the floor and installation of new sinks, counters, and other equipment has been proposed under the request "Repairs and Renewals" for 1938.

We have previously called attention to the desirability of increased storage facilities for green and home-grown vegetables but appropriations therefor have not been made.

The policy of avoiding restraining of patients whenever possible has been continued and in the opinion of those skilled in such work the sedative pack and the neutral continuous bath afford the best therapeutic vehicle for disturbed cases. Chemical restraint is not utilized at this institution.

While we have made special comment with respect to the foregoing we nevertheless concur in the recommendation of the Superintendent as to other matters specifically enumerated in his report.

We express our gratitude and appreciation to the Superintendent and the resident staff, nurses, and employees for their continued loyal service in the interests of the institution under especially trying conditions of late, and extend our thanks to the various outside organizations and individuals who in different manners and at different times have contributed to the happiness of the patients.

Respectfully submitted,

GEORGE O. CLARK, M.D., *Chairman*
 CHRISTIAN LANTZ, *Secretary*
 LOUISE M. WILLIAMS
 EUGENE M. CARMAN

DANFORTH COMINS
 EVA B. WATSON
 JOHN H. CRAIG
Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Medfield State Hospital:

The Superintendent's report covering the operation of the hospital for the year 1937 is respectfully submitted.

STATISTICAL TABLES

The medical statistical tables and statistical tables presented under the heading "Movement of Population" cover the year from October 1, 1936, to September 30, 1937. Other material presented in the report covers a period from December 1, 1936, to November 30, 1937.

MOVEMENT OF POPULATION

At the beginning of the year there were 1,932 patients on the books of the hospital, — 802 men, 1,130 women. There were 45 men and 51 women on visit and escape and 8 women in family care. There were 757 men and 1,071 women actually in the institution, a total of 1,828. During the year there were 341 admissions, — 280 by direct commitment and 61 by transfer from other hospitals. Of this total 171 were males and 170 females. The total under treatment was 2,273 and the daily average of patients in family care was 7.5. The total discharged during the year was 111 men and 114 women, a total of 225. Of these discharges 98 were by death. Of the remaining, 4 were discharged as recovered, 77 as improved, 11 as unimproved, 13 as not insane and 22 by transfer. Remaining on the books September 30, 1937, there was a total of 2,048 and there were actually in the hospital 1,912.

MEDICAL ACTIVITIES AND GENERAL HEALTH

The general health conditions at the hospital during the year were good. There were no serious epidemic diseases. Over-crowding of the patient population has become more serious than it has been at any time in the past. With a rated capacity of 1,604 the population at the end of the year was near 1,900, and at this figure the outside limits of possible over-crowding would appear to be reached. The effects of this situation are more pronounced in the infirmary wards and buildings for disturbed patients as the over-crowding itself tends to increase agitation and crowding on the disturbed wards is met only with the greatest difficulty. No additional beds were provided through new construction and the increased population could be accommodated only by crowding beds into existing buildings encroaching upon corridors, hallways, and day spaces, and placing beds in dormitories closer together.

The policy of avoiding restraint wherever possible has been continued, the sedative pack and the neutral continuous bath affording the best therapeutic vehicle for disturbed cases. Chemical restraint is not utilized here.

In the report of the preceding year, recommendations were made for the provision, through additional construction, of an increased number of continuous bath tubs, more adequate sedative pack suite, and the discontinuance of the use of C1-x and C2-x, small one story buildings for the treatment of tuberculous cases, either through construction of modern tuberculosis ward buildings, or through the transfer of these patients to institutions already equipped with such buildings. None of these recommendations have materialized.

In reports of previous years great emphasis has been laid upon the urgency of replacement of inadequate and out-moded toilet and bath facilities in ward buildings. Through small appropriations from time to time renovations have been

made in some buildings and an appropriation of \$10,000 was granted in 1937 to extend this project. As the need for this reconstruction is urgent in all the remaining buildings, and as it would appear to be more economical to carry on this project simultaneously in several buildings, it has been urged that appropriations be made sufficient to complete the renovations without further delay. This will be mentioned under the discussion of "Special Appropriations" requests.

Improvement in the scullery arrangements in those ward buildings where meals are served has been stressed in reports of previous years and over a period of time new installations have been made. Through appropriations for 1937 improvements were provided in additional buildings. There still remain two buildings with large dining rooms which need complete renovation and requests have been filed, to provide for this in the R building for disturbed female patients in 1938.

The American Medical Association continued its approval of this hospital for "Residency" in Psychiatry at the meeting of the Council during the Annual Convention of the Association.

Dr. Frank S. Broggi, assistant physician since July 5, 1933, resigned on October 9, 1937 to take up private practice in Framingham.

The following surgical operations were performed during the year: Reopening of wound, curetment and suturing of same, 1, herniotomy, 1; ovariectomy, 1; pan-hysterectomy, 1; appendectomies, 4; cystectomy, 1; open reduction, clavicle, 1; herniorrhaphies, 5; circumcision, 1; tonsillectomies, 3; incision and drainage, 11; sigmoidoscopy, 1; cystoscopy, 1, amputation, leg, 1; open reduction, olecranon, 1; ileostomy, 1; exploratory laparotomies, 2; dilatation and curetage, 1; adenotonsillectomy, 1; amputation, finger, 1.

Doctor Carleton F. Whitney, podiatrist, has visited the hospital one morning each week throughout the year giving attention to corns, bunions, and other foot disabilities, treating patients on both male and female ward services.

PERSONNEL

Through increase of about 90 employees required because of the enactment of a law limiting employment to 48 hours per week it has been necessary to pay cash allowance in lieu of part maintenance to those employees for whom living and rooming accommodations are not available at the hospital. The desirability of constructing additional employees' residential accommodations has received further attention but it is not apparent that any inconvenience has resulted to the hospital from the present arrangement. Employees have been able to secure rooms or apartments conveniently located and sufficiently accessible to permit them to work without interruption. There is ample reason to believe that this arrangement has some advantage and that it would be feasible and proper to continue as at present and probably to arrange for a still larger proportion of the personnel to live away from the hospital in the future.

LABORATORY

Doctor Vicente A. Navarro, pathologist in charge of the laboratory, performed the following services.

Blood count and differential, 2,715; urinalysis, 1,589; blood chemistry, 749; genito-urinary smear, 14; throat smear, 17; sputum examination, 103; feces examination, 79; Basal metabolism, 13; smallpox vaccination, 252; typhoid inoculation, 835; Dick test, 14; Schick test, 15; diphtheria prophylaxis, 3; Wassermann or Hinton tests, 634; cases receiving luetic treatments, 503; cases x-rayed, 470; autopsies, 43.

DENTAL WORK

The report of the hospital dentist, Doctor Elton V. Faass, for the year is as follows.

Examinations, 632; prophylaxis, 1,273; fillings, — amalgam, 225; cement and amalgam, 268; cement-alloy, 115; cement, 80; procelain, 3; zinc oxide and eugenol, 91; root canal fillings, etc., 56; full plates completed; 4, partial plates, 4; plates repaired, 16; extractions, 553; novacaine anesthesia, 280; ether anesthesia, 7; nitrous oxide anesthesia, 1; miscellaneous treatments, 780; cases referred for x-ray, 105.

There is provision on the hospital quota for a dental hygienist but previous effort to secure an additional dental chair have not been successful. The position cannot be filled until an additional dental unit has been provided. Request for appropriation to purchase this equipment has been made.

PHYSICAL THERAPY

Mrs. Ruth Wheeler, physiotherapist in charge of the department, gave treatments as follows during the year:

High frequency, including vacuum tube, diathermy, auto-condensation, 3,506; baking, 5,114; massage, 2,504; exercise, 1,025; ultra-violet, 5,146.

OCCUPATIONAL THERAPY

This Department has continued during the year under the direction of Mrs. Elizabeth Kennedy, Head Occupational Therapist, and four assistants. No changes in the personnel has occurred in this department. Occupational classes in the various ward buildings and in the occupational work shop have been continued as during the preceding year, and every effort has been made to induce all patients who are able, to participate in this type of activity. Occupational therapy is one of the most valuable means of treatment available for mental cases. It is particularly beneficial to the semi-invalid patients and to convalescents recovering from acute mental upsets.

INDUSTRIAL THERAPY

This department was operated by Mr. Claude A. Rogers, Head Industrial Therapist, with two assistants.

While the department is designed primarily as a therapeutic agency to revive in the patient an interest in occupational activities it is possible at the same time for the hospital to derive much practical benefit through the patients' efforts by affording employment at tasks requiring varying degrees of skill. Occupation is afforded in furniture repair, broom making, weaving, clothing manufacture, mattress manufacture and repair, shoe making and repair.

In reports of former years stress has been laid on the unsatisfactory facilities available for these shops. Conditions could be improved enormously by concentration in a single building. Shops are now located in the basement of F-2 and second floor of the Shops building. This separation multiplies the cost of operation and increases the problem of supervision. The basement spaces are undesirable and unsatisfactory and fire inspectors, as well as the hospital administration, have noted the fire hazard incident to maintenance of shops in ward basements in buildings where patients are housed. Removal has been urged. This can be accomplished only through provision of other spaces by new construction. To provide this it is proposed that a new Shops building be built in the vicinity of the salvage yard and that the present Shops building be renovated to house the industrial and occupational therapy departments. "Special Appropriations" have been requested for this purpose and in view of the urgency of the need, some provision should be made to permit reallocation of these activities in other areas.

RELIGIOUS INSTRUCTION

Catholic services were provided on Sundays and Holy Days by Rev. Francis S. Keaney, Rev. Ralph A. V. Harris, Rev. William V. Nagle, and Rev. Thomas J. Burns. Music for this service is provided by Miss Mary Hibbert, pianist, and Mr. Cornelius McKeown, vocalist.

Father Nagle, who provided religious instruction, died suddenly August 5, 1937. During the time he was in Medfield he showed great interest in providing activities for the young people in the community. He was beloved by the patients of the hospital and by all who knew him. His passing was a shock and we deeply mourn his loss.

Religious service is furnished each Sunday afternoon by the Protestant clergymen of Medfield — Rev. Thomas M. Webb, Rev. Oscar Seitz, Rev. Frank Ricker and Rev. James C. Marshall.

Mr. Moses Sedar, of Brookline, has conducted religious services each Thursday afternoon for the Jewish patients.

SCHOOL CLINIC

The Medfield Hospital clinic for the examination of retarded children in the Massachusetts schools, as provided by the General laws, conducted examinations in the towns of Arlington, Lincoln, Medfield, Medford, Medway, Melrose, Millis, Norfolk, Stoneham, Wakefield, Weston, Westwood, Winchester, Woburn, Holliston, Sherborn and Boxborough.

The personnel of the clinic is Doctor G. Allen Troxell, assistant superintendent, Dr. Grace T. Cragg, senior physician, Miss Nina Eldridge, psychiatric social worker, Miss Ruth Jarvis, Miss Dorothy Parkhurst, assistant psychiatric social workers, Mr. Roland C. Moore, Miss Esther Poutas, psychometrists.

CHILD GUIDANCE CLINIC

The Child Guidance Clinic under the direction of Dr. Grace T. Cragg, senior physician, was held in the City of Quincy one afternoon each week and, if necessary, on two afternoons per week. In addition to cases referred for guidance by the clinic, the juvenile court cases examined under Chapter 215, Acts of 1931, were also seen at this clinic.

SOCIAL SERVICE

This department is under the direction of Miss Nina Eldridge, psychiatric social worker. Miss Ruth Jarvis, assistant psychiatric social work in the department, resigned November 14, 1937 and was succeeded by Miss Dorothy Parkhurst. Two students serving for nine months as volunteer workers completed their course in June 1937, Miss Ethel Pokross and Miss Virginia Stratton. No students were admitted for the fall season.

There was no increase in the personnel of this department during the year although the increasing demands for service by this department are such that one assistant psychiatric social worker should be added to the quota and there would be ample work for a still further increase.

Following is the summary of the work of the department during the year.

Hospital cases, 209; court cases, 131; child guidance clinic cases, 51; school clinic cases 277. Travel expenses of the department for the year were \$550.84.

NURSES' TRAINING SCHOOL

Approval of the Nurses' Training School of this hospital was continued during the year and on October 22, 1937, six students were graduated after satisfactory completion of the required work.

The number enrolled as preliminary students November 30, 1937, was 17. There are 4 pupils in the senior class who have completed their junior year and one year of affiliate training at the Boston City Hospital. The intermediate class of 3 pupils are taking the affiliate year at the Boston City Hospital.

AMUSEMENTS AND ENTERTAINMENTS

Weekly picture shows were provided each Monday afternoon and evening excepting the summer months.

During the summer season the hospital baseball team, composed of employees, provided entertainment for the patients regularly on Saturday afternoons and on holidays, with occasional twilight games after supper. The patients display much more interest in these games since the opening of the new ball field lying southwest of the Administration building. The contour of the land here affords a natural amphitheatre and enables a large number of patients to view the game more advantageously than was possible on the old field.

The Federal Relief Agency, providing working opportunity for unemployed actors and entertainers, furnished vaudeville shows for the entertainment of patients during the spring and summer months at weekly intervals. During the fall season, owing to curtailment of activities of that agency, these shows have been available only occasionally. As the patients derive much pleasure from these entertainments it is hoped that an expansion of Federal Relief Agencies will permit resumption of these shows.

Patients' dances were held every Thursday evening during the winter months with a special costume dance on Halloween night and on New Year's eve. Music for these dances was furnished by the hospital orchestra comprised of employees.

A Field Day with prizes for winners of events was held on the Fourth of July. Refreshments were served and vaudeville acts were furnished.

The American Legion, Medfield Post and Auxiliary, and the Norfolk County Council of the American Legion Auxiliary provided gifts at Christmas time and furnished entertainment for the Veteran patients at frequent intervals during the year.

Sunday afternoon entertainments were provided by the Auxiliaries of the following communities: Weymouth, Wellesley, Walpole, Stoughton, Randolph, Quincy, Plainville, Sharon, Norwood, Medfield Drum Corps, Braintree, Needham, Franklin, Foxborough, Dedham, Cohasset, Milton, Wollaston, and Bellingham.

FIRE PROTECTION

Regular fire drills were held every Monday morning in the year. The organization of the hospital personnel into fire fighting forces is under the direction of Dr. G. Allen Troxell, assistant superintendent, and Mr. Myron D. Place, chief engineer.

The engineer from the Department of Mental Diseases made a complete fire inspection in July and confirmed many recommendations made by the Inspector of the Department of Public Safety in a previous survey.

The installation of hand rails and the enclosure of standpipe and hose on the ward spaces initiated after the inspector of the Department of Public Safety had made recommendations was carried out as far as possible during the year but there has not been sufficient time to complete this project and it will be continued during the ensuing year.

To carry out all of the inspector's recommendations in regard to replacement of wooden stairs with metal stairs and fireproof enclosures, and to provide additional fire stairs and exits in certain buildings, and to provide additional sprinkler protection in the G-2, G-4 and farm buildings will require "Special Appropriations." The estimated cost is \$174,000, which has been included as a "Special" request in the 1938 budget.

The purchase of a motor driven fire truck which has been proposed annually for several years and renewed in the 1937 Budget requests was not provided.

As the need for fireproof storage for records had become acute a fireproof vault was constructed in the basement of the Chapel building and a portion of the records are now stored in this vault. The vault was approved by the inspector of the Department of Public Safety.

A "Special Appropriation" of \$7,000 was allotted for replacement of one wooden stairway in the B-3 and one wooden stairway in the D-3 Building and plans for this project are being prepared.

FARM AND GROUNDS

In accordance with the policy of the Department of Mental Diseases discontinuing the home production of potatoes the land previously used for that purpose was assigned to other crops, mostly hay. The experience of the year would indicate that the purchase of potatoes can be accomplished without loss and may, in general, prove to be economical over a period of years.

The general yield of farm crops was average, the fruit crop being somewhat above the average and of very good quality.

The milk yield for the year was fair. There is prospect of increase in production during the next year. The dairy herd has shown no reactors to tuberculosis.

The condition of the service rooms immediately adjacent to the dairy is such as to require extensive renovation. Replacement of floor, installation of new sinks and counters and other equipment has been proposed through a "Repairs and Renewals" request for 1938.

During the latter part of the summer a number of young pigs were attacked by illness which was of doubtful identity.

Specimens sent to the Lederle laboratory yielded no conclusive findings and the experts who were called in for advice reached no final conclusion. Only young pigs were attacked but the mortality in the cases that did occur was high.

During preceding years the desirability of increased storage facilities for green and home grown vegetables has been cited, but appropriations to provide for expansion have not been made.

Through a "Repairs and Renewals" appropriation a receiving chamber with a pressure pump was installed at the power house and pipe line was laid to carry the sewage wastes from the power house into the main sewer line at a point directly south of the laundry building. This installation was needed to permit the abandonment of the use of the sewer line from the powerhouse, which formerly ran directly across the well field on the east bank of the Charles River.

The necessity for enlargement of the main service tunnel running between the power house and kitchen, containing the large steam pipes, has been apparent for some time. A "Special Appropriation" of \$22,000 was granted to provide for enlargement of this tunnel in 1937, and plans have been completed. The work will be carried out after the winter season has passed.

REPAIRS ORDINARY

For the ordinary maintenance of the buildings and properties \$14,000 was appropriated for the year ending November 30, 1937, the same amount as for the previous year. The continuance of prices well below those of the anti-depression level has made it possible to permit maintenance of the institution properties in good condition although some slight increase in purchase costs of many items has been observed. If a further increase occurs, the amount required for this purpose will be augmented.

REPAIRS AND RENEWALS

Under "Repairs and Renewals" appropriations are set up to provide for replacements and renovations not recurring annually. A total of \$13,600 was appropriated under this heading in 1937, as follows:

1. Replacement of steam jacketed kettles \$1,000.00

This appropriation was for completion of replacement of old steam jacketed kettles in the general kitchen. Installation was made at a cost of \$1,052, setting up a deficit of \$52.

2. Installation of dietitian's office \$300.00

This amount was to provide for erection of a partition in one corner of the general kitchen to make a dietitian's office at a point where immediate supervision of the kitchen would be possible by the dietitian. Installation was made at a cost of \$314.17, setting up a deficit of \$14.17.

3. Replacement of window guards \$400.00

This appropriation was to continue replacement of unserviceable window guards by a small appropriation each year. Expenditures were \$393.44, leaving a balance of \$6.56.

4. Repairs of copper valleys, conductors and roofs \$400.00

Annual repair of certain roofs is necessary and small appropriations are required yearly for this purpose. A total of \$453.52 was spent, setting up a deficit of \$53.52.

5. Purchase of a meat slicer, kitchen equipment \$375.00

This electrically driven meat slicer was desired to improve dining room service and to diminish waste in cutting meat. The equipment was purchased at a cost of \$633.08, setting up a deficit of \$258.08.

6. Purchase of machinery \$700.00

This appropriation provided additional machinery in the Shops building. Expenditures totaled \$730.54, setting up a deficit of \$30.54.

7. Purchase of bakery machinery \$1,355.00

This appropriation provided one item of three requested for modernization of the bakery. Expenditure was \$1,022.60, leaving a balance of \$332.40.

8. Purchase of kitchen machinery \$770.00

Purchases under this item total \$595.43 leaving a balance of \$174.57.

9. Renovation of ward dining room pantries \$3,000.00

This appropriation was provided for renovation of sculleries in F-1, C-2, C-3, and C-4 buildings. A total of \$2,071.53 was expended leaving a balance of \$928.47, but most of this balance is earmarked as a liability for material purchased, but not received, at the end of the year.

10. Weatherstripping ward windows \$400.00

Continuance of a small appropriation each year to extend provision of weatherstripping in various ward windows was continued by this appropriation. A total of \$386.12 was spent, leaving a balance of \$13.88.

11. Replastering ward C-4 \$2,000.00

Extensive replastering operations are required throughout the institution. This appropriation was to permit the replastering of one large building in particularly bad condition. The amount was insufficient to allow the work to be done by outside labor and the replastering was accomplished by the hospital maintenance forces. The total expenditure of \$1,924.40, leaving a balance of \$75.60.

12. Installation of garden sprinkler system \$500.00

This appropriation was sufficient to purchase the first unit of garden irrigation pipe (Skinner system). Total expended \$507.10, setting up a deficit of \$7.10.

13. Construction of enclosures for standpipes and firehose in ward buildings \$800.00

The enclosure of standpipe and firehose in the ward buildings in spaces occupied by patients is in accordance with recommendations of the inspector of the Department of Public Safety. Materials have all been purchased. The installation was made in most of the buildings and will be completed as rapidly as possible in the remaining buildings. The total expended was \$674.28, leaving a balance of \$125.72.

14. Installation of sewer line from power house to sewer main \$1,600.00

The necessity for establishing arrangements that would convey sewage from the power house to the main sewer system and permit discontinuance of the old sewer line running through the well field has been recognized for some time and was carried out through this appropriation. The work was done by the hospital maintenance forces. The amount expended was \$1,589.81, leaving a balance of \$10.19.

The total appropriation under "Repairs and Renewals" was \$13,600.00 and the expenditures, exclusive of liabilities for items ordered but not received before the end of the year, was \$12,348.02. This leaves a balance of \$1,251.98 from which substantial deductions will be required to meet the liabilities.

Appropriation requests for "Repairs and Renewals" for the year 1938 have been filed as follows:

1. Reconstruction of dairy service room in farm office \$939.00

The condition of the dairy service room is such that replacement of the floor and construction of walls and general rearrangement is imperative at once. The amount requested is for materials, the work to be performed by the hospital forces.

2. Weatherstripping ward windows \$1,564.00

To continue to extend the provision of weather stripping to additional buildings where it is deemed to be a necessity.

3. Repainting water reservoir tank \$2,100.00

This tank has been in use for almost five years and a consulting engineer has advised repainting inside and outside. In view of the conditions found by the engineer it would be desirable to avoid further delay in repainting this tower.

4. Reconstruction of grain room \$815.00

This appropriation is requested to permit rat-proofing the grain storage space at the main barn by insulation with metal and complete metal enclosure. The work would be done by the hospital maintenance forces.

5. Repair of copper valleys, gutters and conductors \$2,305.00

Certain repairs of this character are required and the usual practice is to authorize small appropriations to make these repairs on some buildings each year. The amount specified would be necessary to carry out the work throughout the institution. The work would be done by outside contract.

6. Construction of poultry laying house \$3,958.00

The present poultry plant is ample to care for about 1,500 to 2,000 laying hens. Without increase in personnel the capacity of the plant could be boosted if sufficient laying house accommodations are provided. This appropriation as drawn would allow for construction of a poultry house by outside labor.

7. Replacement of window guards \$946.00

This appropriation is to extend the replacement of outworn and deteriorated window guards.

8. Steam line to Male Home \$2,546.00

This project proposes the laying of a high pressure steam system from a point in front of the laundry building to the Male Home obviating the necessity for further dependence of the Male Home upon the low pressure steam heat. It would

be a means of practical economy as this Home is at the end of the low pressure line and could be heated much more economically by this change.

9. Emergency light and power service \$2,940.00

This appropriation is to permit provision of an emergency electrical supply in case of disruption of service through trouble in the main power line or in the transformer vault in the general kitchen.

10. Purchase of ice cream freezer \$1,696.00

The value of ice cream as a food, particularly for invalids, is acknowledged and provision of this machinery would allow frequent serving of this item, not possible when the ice cream has to be purchased.

11. Purchase of electric refrigerators \$530.00

These refrigerators are desired to replace inadequate and unsatisfactory ice refrigerators in certain wards where meals are served in the building.

12. Repair of coal shed \$2,124.00

The coal shed at the main power plant is a wooden structure with a high monitor and the need for this repair has been stressed for several years, but no adequate appropriations have been forthcoming. The structure is becoming unsafe and extensive repair of the type contemplated by this request should be made.

13. Street lighting on main avenue \$3,800.00

This item has been requested annually for several years and is very much needed.

14. Plaster ward C-3 \$5,270.00

A similar building was replastered in 1937, the work being done by the hospital maintenance forces. A project of such proportions, however, makes excessive demands on the maintenance crew and it would be preferable to secure the amount as set up sufficient to allow the work to be done by outside labor.

15. Purchase of machinery for carpenter shop \$2,100.00

This request is to permit replacement of a morticing machine and addition of a cut-off saw.

16. Purchase of dental chair and trident unit \$962.00

There is only one dental chair available here at the present time and it has been impossible, therefore, to utilize the position of dental hygienist because of lack of equipment where the hygienist could work. The amount of dental service is sufficient to require the use of two dental chairs and the additional chair would permit employment of the hygienist.

17. Repair of farm storage shed and installation of a hay carrier \$1,230.00

This item has been requested in previous years but has not been authorized.

18. Renovation of R building kitchen and dining room \$4,651.00

Most of the patients in the R building are served in a dining room in the basement of the building. This space is entirely unsatisfactory but, by reconstruction of the floor and walls, provision of ventilating apparatus and cafeteria counter service, it could be made very attractive and efficient.

19. Replacement of vegetable preparation room, sinks and tables \$1,450.00

The vegetable preparing room in the basement of the kitchen building is poorly equipped, should be rearranged with new tables, sinks, and new plumbing throughout. The appropriation is sought for that purpose.

20. Purchase of bakery equipment \$2,310.00

Additional machinery to modernize the bakery and increase its efficiency is contemplated.

21. Replacement of cement mixer \$950.00

The present equipment for this purpose is of a very old type, in poor condition and in need of replacement.

22. Purchase of mortar and plaster mixer \$500.00

This equipment would speed up operations where extensive replastering operations are being carried out and would improve the quality and uniformity of the mixture of plaster and is deemed to be a very much needed item.

23. Addition to sprinkler system \$318.00

This appropriation would provide further distribution of lines up to the limits of the capacity afforded by the initial unit purchased in 1937 for irrigation of garden.

SPECIAL APPROPRIATIONS

Under the heading "Special Appropriations" new constructions and additions of considerable magnitude are sought. These appropriations run for a period of two years from date of authorization.

The following "Special Appropriations" projects appear on the records as of November 30, 1937:

1. Power plant changes, Massachusetts State Project M-12 PWA
Docket No. 4642.

This project included rewiring and conversion of direct to alternating current, replacement of direct current machinery, etc. The project has been practically completed for some time but a few small items are still under discussion before final settlement. The balance at the end of the year was \$327.05.

2. Toilets and baths, improvements \$14,455.43

This includes \$10,000.00 appropriated in 1937, the remainder being the residue of a previous "Special Appropriation." There was a balance of \$10,710.31, available on November 30, which will be used to provide renovation of plumbing in C-4 building and in other buildings if possible.

3. Steel Stairways, Male Home.

This project has been completed and accepted and there is a balance on the books of \$10.76.

4. Sprinklers, Nurses' Home.

This project has been completed and there is a balance of \$7.59.

5. Sprinkler System.

Installation of sprinklers was accomplished in 1937 and the work has been completed and accepted. There is a balance of \$705.65.

6. Laundry equipment \$6,000.00

The appropriation was to permit the purchase of new equipment to improve operation of the laundry, but no expenditures had been made to date.

7. Temperature control valves \$7,000.00

This appropriation was made to provide temperature regulating valves for the hot water line in each building, where patients reside or are employed. It is to permit the distribution of hot water of relatively high temperatures in the mains and avoid danger of scalding by reducing this temperature before the water is distributed in the ward buildings. The work has been carried out by engineers from the Department. There was a balance at the end of the year of \$831.72.

8. Enlarging tunnel \$22,000.00

This appropriation was authorized in 1937 and is designed to permit enlargement of the main steam tunnel from the power house to the kitchen building. The work has been designed and specifications drawn but no expenditures have been made as the project is being deferred until the advent of warm weather which will permit outside digging operations.

9. Fire protection \$7,000.00

Under this heading an amount was appropriated to replace a wooden stairway in B-3 building and D-3. Similar recommendations have been made for various other buildings but this appropriation represents the first step in carrying out changes in cognizance with the recommendation of the inspector of the Department of Public Safety. No expenditures have been made but the project has been drawn and specifications established.

"Special Appropriation" requests were filed for consideration in the 1938 budget as follows:

1. Renovation of toilets, baths and plumbing \$95,000.00

The urgent necessity for replacement of outmoded and unsatisfactory plumbing, toilet and bath facilities has been stressed repeatedly. The amount set up is designed to accomplish this complete renovation in all the ward buildings where it has not been possible to make these improvements to date.

2. Purchase of 300 K. W. turbo, 4,000 volt generator \$16,000.00

The present electrical supply sources consists of two generators only. No outside standby connection exists and there is a consequent threat of interruption of service in case of disablement of the large generator. The provision of an additional unit equivalent to the additional larger unit would serve as a factor of safety and

overcome any threat due to breakdown of a source of power. This is regarded as an essential item.

3. Fire protection changes \$174,000.00

To meet the requirements outlined by the inspector of the Department of Public Safety to overcome fire hazards and provide additional exits, fireproof stairs, additional sprinklers, etc., extensive alterations will be needed in some buildings and the addition of outside stairwells will be required in others. The estimated cost of these changes has been established as above.

4. Erection and equipment of New Shops Building and alteration of present Shops Building for Industrial Therapy use \$141,000.00

The need for transfer of Industrial therapy and Occupational therapy shops from their present spaces in various ward buildings, first floors, basements, etc., has long been recognized and fire inspectors of the Department and of the Department of Public Safety have stressed this end. This can be done only if other spaces are provided. Provision of a new Shops building would permit transfer of all the equipment and services of the present Shops building, which is centrally located, and could be renovated for use of Industrial therapy and Occupational therapy departments.

5. Erection and furnishing of New Administration Building and reconstruction and furnishing of present building into employees' living quarters \$150,000.00

This project has been recommended annually for several years and the need for a modern Administration building is clearly recognized.

6. Replastering of wards C-2, C-3 and D-3 \$12,000.00

As extensive replastering is required throughout the institution this item is set up to permit replastering in several buildings simultaneously, with the employment of outside labor.

7. Renovation of ward R-building dining room \$5,500.00

The need for reconstruction of the dining room and basement of the R building is evident and was requested as a "Repairs and Renewals" item but at the suggestion of the Department it was transferred to the "Special Appropriations".

8. Construction of tractor and farm machinery garage \$10,000.00

The provision of a fireproof storage space for farm machinery, tractors, etc., with mechanics' shop and painting space is desirable and has become increasingly necessary with the further motorization of the farm.

9. Construction of wing to Infirmary building \$63,000.00

This project to provide additional spaces for laboratory, x-ray, hospital photography, sick ward and isolation space for the treatment of contagious diseases has been proposed for several years and is still required.

10. Purchase of laundry equipment \$5,250.00

This appropriation is requested for the purpose of providing mattress sterilizer and replacement of one wooden wash wheel.

11. Construction of new Ward buildings for disturbed female patients \$239,000.00

12. Construction of new Ward building for disturbed male patients. \$292,500.00

Plans for construction of these additional buildings for disturbed patients are already in existence and appropriations have been sought in previous years. These buildings would permit reassignment of patients and diminish the over crowding in the disturbed wards. It is not expected that these buildings would provide for any increase in the hospital population and would serve only to diminish somewhat the present over-crowding. The present rated capacity of the hospital is 1,604 while the actual population is approximately 1,900. Two new buildings would furnish about 220 additional beds and there would still remain over-crowding of about 5%.

GENERAL AND SPECIAL CONSIDERATIONS

The appropriations request for 1938 as special items did not include a long range building program and are designed only to cover items that are now required. The Special Committee established by the Legislature to study the Department of Mental Diseases and all of the institutions operated by the Department has considered a long range building program which involves reconstruction and modernization of existing buildings, expansion of kitchen and dining room accommodations,

construction of a passenger tunnel from all the buildings to the general dining room and assembly hall, construction of new assembly hall, construction of a psychiatric unit to receive acute cases, etc.

Special mention is made of the necessity for provision of additional buildings to house the patients now in the institution and relieve the over-crowded conditions. Mention is also made of the need for modern and adequate facilities for treatment of tuberculous cases with the abandonment of the two small wooden buildings now used for that purpose. This would require construction of a new building or the transfer of tuberculosis cases to another institution where satisfactory isolation and treatment facilities do exist for this type of case.

The desirability of provision of isolation unit for contagious cases is evident and this could be accomplished readily by the construction of a wing addition to the Infirmary building as proposed under "Special Appropriation" requests.

In view of the fact that employees living outside the hospital, and receiving cash in lieu of part maintenance, are experiencing no difficulty in finding homes, and in view of the fact that the hospital has suffered no inconvenience and the cost of present operations is not excessive in capital outlay when heating, lighting and servicing of additional quarters is considered, there is little justification for the construction of additional living quarters. The continuance of the present arrangements is recommended.

Further diminution in the fire hazards has been accomplished by the enclosure of fire hose, construction of new exits, etc. However, the complete accomplishment of the items outlined by the Department of Public Safety can be attained only through extensive building alterations and must await appropriations for that purpose.

The necessity for the replacement of outworn and unsatisfactory toilet and bath facilities in the ward buildings where the old plumbing is still in use is stressed again and the desirability of providing for these changes without delay is emphasized.

ACKNOWLEDGMENTS

Acknowledgment is made to the Massachusetts Emergency Relief Administration and the Federal Theatre Project Administration of their activities in providing vaudeville shows and entertainments for the patients.

Acknowledgment is made to the American Legion and American Legion Auxiliary of Medfield, to the County Council and the American Legion Auxiliaries of Weymouth, Wellesley, Walpole, Stoughton, Randolph, Quincy, Plainville, Sharon, Norwood, Braintree, Needham, Franklin, Foxborough, Dedham, Cohasset, Milton, Wollaston, Bellingham, and the Medfield Drum Corps.

Acknowledgment is also made to the Disabled Veterans Christmas Remembrance Committee, Spanish War Veterans and Canadian War Veterans Associations of gifts to the veteran patients at Christmas time and upon other occasions.

I am pleased to acknowledge the loyal and efficient service of the employees of the hospital. It is through their faithful devotion to duty and their humane interest in the welfare of the patients that effective operation of the hospital has been possible. To all the officers and employees of the institution I express my sincere thanks.

I am most grateful to the members of the Board of Trustees for their counsel and guidance in the management of the hospital.

Respectfully submitted,
EARL K. HOLT,

Superintendent.

VALUATION
November 30, 1937
REAL ESTATE

Land, 666.65 acres	\$55,242.00
Buildings and Betterments	1,839,569.40
	\$1,894,811.40

PERSONAL PROPERTY	
Travel, transportation and office expenses	\$994.69
Food	12,446.14
Clothing and materials	29,671.88
Furnishings and household supplies	207,225.37
Medical and general care	30,586.52
Heat and other plant operation	21,843.65
Farm	70,407.87
Garage and grounds	7,756.64
Repairs	29,104.94
	\$410,037.70
SUMMARY	
Real estate	\$1,894,811.40
Personal property	410,037.70
	\$2,304,849.10

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the year ending November 30, 1937.

STATEMENT OF EARNINGS	
Board of Patients	\$39,479.05
Personal Services	231.44
Sales:	
Food	\$561.46
Clothing and materials	127.56
Furnishings and household supplies	295.91
Medical and general care	12.35
Garage and grounds	5.25
Repairs ordinary	60.30
Land	418.00
Farm: (Empties, \$104.99; cows, calves and hides, \$320.63; livestock, tools, fruit and vegetables, \$317.31)	742.93
Total Sales	2,223.76
Miscellaneous:	
Rents	\$292.17
Town of Medfield, water	4,459.82
Commission on telephone pay stations	80.92
Total Miscellaneous	4,832.91
Total earnings for the year	\$46,767.16
Total cash receipts reverting and transferred to the State Treasurer	\$46,316.16
Accounts receivable outstanding December 1, 1936	\$573.57
Accounts receivable outstanding November 30, 1937	1,024.57
Accounts receivable increased	\$451.00
MAINTENANCE APPROPRIATION	
Balance from previous year, brought forward	\$826.89
Appropriation, current year	741,080.00
Total	\$741,906.89
Expenditures as follows:	
Personal services	\$417,294.35
Food	131,446.22
Medical and general care	13,385.29
Religious instruction	2,080.00
Farm	29,189.11
Heat and other plant operation	51,155.16
Travel, transportation and office expenses	5,813.32
Garage and grounds (garage \$2,807.94; grounds, \$373.85)	3,181.79
Clothing and materials	22,952.51
Furnishings and household supplies	28,893.05
Repairs ordinary	13,999.71
Repairs and renewals	12,348.02
Total maintenance expenditures	\$731,738.53
Balances of maintenance appropriation, November 30, 1937	10,168.36
	\$741,906.89
SPECIAL APPROPRIATIONS	
Balance December 1, 1936, brought forward	\$37,296.90
Appropriations for current year	\$39,311.56
Reduction	1,482.97
Total	37,828.59
Total	\$75,125.49
Expended during the year	\$27,532.41
Reverting to Treasury of Commonwealth	18.35
	\$27,550.76
Balance November 30, 1937, carried to next year	\$47,574.73

APPROPRIATION	Act or Resolve Ch. Yr.	Total Amount Appropriated	Expended during fiscal year	Total Expended to date	Balance at end of year
Power plant changes (Mass. State Project No. M-12, PWA Docket No. 4642) NRA Reduction		\$220,000.00 11,660.47			
Toilets and baths, improvements additional appropriation	249-1935 234-1937	208,339.53 12,000.00 10,000.00	\$5,795.35	\$208,012.48	\$327.05
Steel stairways, Male Home	249-1935	22,000.00	3,745.12	11,289.69	10,710.31
Sprinklers, Nurses' Home	249-1935	3,415.00	-	3,404.24	10.76*
Sprinkler system (Mass. State Project No. M-109, PWA Docket No. 1150) NRA Reduction	249-1935	6,000.00 83,848.00 6,848.00	-	5,992.41	7.59*
Additional appropriation		77,000.00 311.56	11,823.66	76,605.91	705.65
Laundry equipment	304-1936	77,311.56 6,000.00	-	-	6,000.00
Temperature control valves	304-1936	7,000.00	6,168.28	6,168.28	831.72
Enlarging tunnel	234-1937	22,000.00	-	-	22,000.00
Fire protection	234-1937	7,000.00	-	-	7,000.00
		\$359,066.09	\$27,532.41	\$311,473.01	\$47,593.08

PER CAPITA

During the year the average number of patients has been, 1,874.852.

Total cost of maintenance, \$731,738.53.

Equal to a weekly per capita cost of \$7.5056.

Total receipts for the year, \$46,316.16.

Equal to a weekly per capita of, \$.47507.

Total net cost of Maintenance for year, \$685,422.37.

Net weekly per capita, \$7.03053.

Respectfully submitted,

JOSEPHINE M. BAKER,

Treasurer.

Financial Statement verified
Approved

GEORGE E. MURPHY,
Comptroller.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

(Data correct at end of institution year November 30, 1937)

Date of opening as a hospital for mental diseases: May 1, 1896.

Type of hospital: State.

Hospital plant:

Value of hospital property:

Real estate, including buildings	\$1,894,811.40
Personal property	410,037.70
Total	\$2,304,849.10

Total acreage of hospital property owned, 666.65

Additional acreage rented, 272.

Total acreage under cultivation during previous year, 536.

Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	-	1	-	-	-
Assistant physicians	5	1	6	3	-	3
Clinical assistants	-	-	-	4	-	4
Total physicians	6	1	7	7	-	7
Stewards	1	-	1	-	-	-
Resident dentists	1	-	1	-	-	-
Pharmacists	1	-	1	-	-	-
Graduate nurses	-	28	28	-	-	-
Other nurses and attendants	104	127	231	2	4	6
Occupational therapists	3	5	8	-	-	-
Social workers	-	2	2	-	-	-
All others officers and employees	111	62	173	5	-	5
Total officers and employees	227	225	452	14	4	18

Classification by Diagnosis, September 30, 1937

Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
WHITE:						
Insane	762	1,067	1,829	62	73	135
All other cases	1	1	2	-	-	-
Total	763	1,068	1,831	62	73	135
OTHER RACES:						
Insane	36	45	81	1	-	1
Total	36	45	81	1	-	1
Grand Total	799	1,113	1,912	63	73	136

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	33	146	179
Other patients employed in general work of hospital on date of report	462	325	787
Average daily number of all patients actually in hospital during year	767.909	1,076.868	1,844.777
Persons given advice or treatment in out-patient clinics during year	324	124	444

TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1937*
 (Data in all of the following tables are based on the Statistical Year, October 1, 1936 to September 30, 1937)

	TOTAL			REGULAR COURT COMMITMENT (INSANE)			OBSERVATION			TEMPORARY CARE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	1,130	1,130	1,932	800	1,130	1,930	1	—	1	1	—	1
Patients on books of institution September 30, 1936	802	1,130	1,932	800	1,130	1,930	1	—	1	1	—	1
Admission during year:												
First admissions	96	86	182	86	82	168	5	2	7	5	2	7
Readmissions	49	49	98	44	48	92	2	1	3	3	2	3
Total admissions	145	135	280	130	130	260	7	3	10	6	4	10
Transfers from other mental hospitals	26	35	61	26	35	61	—	—	—	—	—	—
Total received during year	171	170	341	156	165	321	7	3	10	6	4	10
Total on books during year	973	1,300	2,273	956	1,295	2,251	8	3	11	9	2	11
Discharged from books during year:												
As recovered	2	2	4	—	2	2	—	—	—	2	—	2
As improved	38	39	77	36	38	74	—	—	—	2	—	2
As without psychosis	6	5	11	6	3	9	—	—	—	1	—	1
Total discharged to community	11	2	13	—	—	—	—	—	—	1	—	1
Transferred to other mental hospitals	57	48	105	42	43	85	6	3	9	5	2	11
Total during year	5	17	22	5	17	22	6	3	9	9	2	—
Died during year	49	49	98	48	49	97	—	—	—	—	—	—
Total discharged, transferred and died during year	111	114	225	95	109	204	7	3	10	9	2	11
Patients remaining on books of hospital at end of year:												
In hospital	799	1,113	1,912	798	1,113	1,911	1	—	1	—	—	—
On parole or otherwise absent	63	73	136	63	73	136	—	—	—	—	—	—
Total	862	1,186	2,048	861	1,186	2,047	1	—	1	—	—	—

SUPPLEMENTARY DATA

	Males	Females	Total
Average daily number of patients on books during year	827.08	1,158.29	1,985.37
Actually in institution during year	774.28	1,089.19	1,863.47
In family care	—	7.51	7.51
On visit	46.41	58.17	104.58
On escape	6.39	3.42	9.81
State	766	1,040	1,806
Keimbursing	33	73	106
Ex-service patients paid by Federal Government	1	1	2
Number of patients in family care September 30, 1937	—	9	9
State	—	3	3
Private	—	4	4
Number of non-insane patients in hospital at end of institution year:	—	2	2
Others	1	1	2

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States ¹	56	59	115	22	21	18	29	30	23
Austria	1	—	1	1	1	1	1	—	—
Canada ²	8	4	12	13	16	12	11	14	8
China	—	—	—	1	1	1	—	—	—
Denmark	—	—	—	—	—	—	1	—	—
England	1	—	1	3	3	1	1	1	—
France	—	—	—	—	—	—	—	1	—
Germany	1	—	1	3	1	1	1	—	—
Greece	—	—	—	1	1	1	1	1	1
Ireland	11	11	22	24	23	22	16	17	16
Italy	6	1	7	11	11	11	4	4	4
Poland	—	—	—	1	1	1	3	3	3
Portugal	1	1	2	1	2	1	1	1	1
Russia	3	1	4	3	3	3	1	2	2
Scotland	—	1	1	—	—	—	1	1	1
South America	1	—	1	—	—	—	—	—	—
Sweden	—	4	4	2	2	2	5	5	5
Turkey in Europe	1	—	1	1	1	1	—	—	—
West Indies ³	1	1	2	—	—	—	1	1	1
Other Countries	5	3	8	5	5	5	3	3	3
Unknown	—	—	—	4	4	4	6	2	2
Total	96	86	182	96	96	85	86	86	70

¹(Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U.S.)²Includes Newfoundland.³Except Cuba, Porto Rico and Virgin Islands.

TABLE 4. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born

AGE AT ADMISSION	AGGREGATE			NATIVE BORN												FOREIGN BORN					
	TOTAL			PERCENTAGE				TOTAL					TIME IN UNITED STATES BEFORE ADMISSION								
	M.	F.	T.	Foreign	Mixed	Native	Unknown	M.	F.	T.	M.	F.	T.	Under 5 years	5-9 years	10-14 years	15 years and over	M.	F.	T.	
0-14 years	1	5	6	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15-19 years	1	7	8	2	1	2	1	3	2	2	3	1	1	1	1	3	1	1	1	1	1
20-24 years	6	3	9	4	1	2	1	2	2	3	2	1	1	1	1	2	1	1	1	1	1
25-29 years	11	10	21	6	3	2	1	3	2	1	4	1	1	1	2	3	1	1	1	1	1
30-34 years	12	8	20	4	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
35-39 years	7	6	13	4	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
40-44 years	3	10	13	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
45-49 years	10	4	14	4	2	2	1	2	2	2	4	1	1	1	1	1	1	1	1	1	1
50-54 years	8	7	15	4	3	1	1	3	2	2	3	2	1	1	1	1	1	1	1	1	1
55-59 years	8	4	12	4	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	1	1
60-64 years	5	4	9	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
65-69 years	4	7	11	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
70-74 years	3	6	9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
75-79 years	3	5	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80-84 years	3	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
85 years and over	2	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total	96	86	182	56	30	18	2	41	6	10	23	5	7	1	3	9	26	24	50	1	1

TABLE 5. *Citizenship of First Admissions*

	M.	F.	T.
Citizens by birth	56	59	115
Citizens by naturalization	15	8	23
Aliens	16	11	27
Citizenship unknown	9	8	17
Total	96	86	182

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	TOTAL			With syphilitic meningo-encephalitis			With other forms of syphilis			Alcoholic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	4	7	11	-	-	-	-	-	-	-	1	1	2	-	2	-	-	-
Armenian	2	-	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Chinese	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	5	6	11	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
French	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
German	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greek	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	3	2	5	-	1	1	-	-	-	-	-	-	2	-	2	-	-	-
Irish	23	18	41	-	-	-	1	-	1	6	1	7	5	1	6	-	2	2
Italian ¹	11	4	15	1	-	1	-	-	-	-	-	-	2	-	2	1	-	1
Lithuanian	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	2	1	3	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Scandinavian ²	3	4	7	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Scotch	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slavonic ³	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spanish	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other specific races	2	-	2	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Mixed	31	35	66	2	-	2	-	1	1	4	-	4	3	8	11	-	1	1
Total	96	86	182	5	2	7	2	1	3	11	2	13	16	9	25	1	3	4

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	With convulsive disorders (epilepsy)			Senile psychoses			Involuntional psychoses			Due to other metabolic diseases, etc.			With organic changes of nervous system			Psycho-neuroses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Armenian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chinese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	-	-	-	1	1	2	1	-	1	-	-	-	-	-	-	-	-	-
French	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
German	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish	-	1	1	1	5	6	-	-	-	1	1	1	1	-	1	-	1	1
Italian ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithuanian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scandinavian ²	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Scotch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slavonic ³	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spanish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other specic races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mixed	-	-	-	2	3	5	1	2	3	-	1	1	-	3	3	-	-	-
Total	-	1	1	4	12	16	2	2	4	-	2	2	1	3	4	-	1	1

¹Includes "North" and "South".

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moraivan, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. Race of First Admissions Classified with Reference to Principal Psychoses — Concluded

RACE	Manic-depressive psychoses			Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses				
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
African (black)	-	-	-	1	3	4	1	1	2	-	-	-	-	1	1	-	-	-	-	-	-		
Armenian	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chinese	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
English	-	1	1	3	1	4	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-		
French	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
German	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greek	-	-	-	1	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-		
Hebrew	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Irish	1	3	4	4	2	6	1	-	1	1	1	2	1	-	1	-	-	-	1	-	1		
Italian ¹	1	1	2	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lithuanian	1	-	1	-	1	1	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-		
Portuguese	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Scandinavian ¹	1	1	2	1	1	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Scotch	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Slavonic ²	-	-	-	2	2	4	1	-	1	-	-	-	-	-	-	-	2	2	1	-	1		
Spanish	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Other specific races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mixed	8	5	13	5	7	12	-	2	2	1	-	1	1	-	1	-	1	-	1	1	4	1	5
Total	15	15	30	22	20	42	4	5	9	2	1	3	4	3	7	-	3	3	7	1	8		

¹Includes "North" and "South."²Norwegians, Danes and Swedes.¹Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL			0-14 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	2	7	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	11	2	13	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	16	9	25	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	4	12	16	-	-	-	-	-	-	-	-	-	-	-	-
Involuntary psychoses	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	2	2	-	-	-	-	-	-	1	1	-	-	-	-
With organic changes of nervous system	1	3	4	-	1	1	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-
Manic-depressive psychoses	15	15	30	-	-	-	2	1	3	3	1	4	1	1	2
Dementia praecox	22	20	42	-	-	-	3	-	3	6	3	9	4	2	6
Paranoia and paranoid conditions	4	5	9	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	2	1	3	-	-	-	-	-	-	-	-	-	-	1	1
With mental deficiency	4	3	7	-	-	-	-	-	-	2	1	3	-	-	-
Undiagnosed psychoses	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	7	1	8	-	-	-	-	-	-	-	-	-	1	-	1
Total	96	86	182	-	1	1	5	1	6	11	7	18	6	4	10

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychoses — Continued

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
With syphilitic meningo-encephalitis	-	1	1	1	1	2	3	-	3	-	-	-	-	-	-	-	-	-	
With other forms of syphilis	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1
Alcoholic psychoses	1	-	1	3	-	3	1	2	3	1	-	1	1	-	1	2	-	2	
With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	-	3	
With other disturbances of circulation	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	1	
With convulsive disorders (epilepsy)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Senile psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Involuntal psychoses	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
With organic changes of nervous system	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	-	
Psychoneuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manic-depressive psychoses	4	2	6	1	1	2	2	1	3	-	5	5	1	-	1	-	3	3	
Dementia praecox	4	4	8	4	4	8	-	2	2	-	2	2	1	2	3	-	-	-	
Paranoia and paranoid conditions	-	-	-	1	-	1	-	1	1	1	-	1	2	-	2	-	2	2	
With psychopathic personality	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
With mental deficiency	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	2	-	2
Undiagnosed psychoses	-	1	1	-	-	-	-	-	-	1	1	-	1	1	1	-	-	-	
Without psychoses	1	1	2	-	-	-	-	-	-	1	-	1	2	-	2	-	-	-	
Total	11	10	21	12	8	20	7	6	13	3	10	13	10	4	14	8	7	15	

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	4	-	4	3	1	4	2	4	6	2	2	4	1	2	3	-	-	-
With other disturbances of circulation	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	-	2	2	1	2	3	1	3	4	2	3	5	-	2	2
Involuntal psychoses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	4	12	5	4	9	4	7	11	3	6	9	3	5	8	-	2	2

TABLE 8. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL			Reads Only			Reads and Writes			Common School			High School			College			Unknown				
	M.		T.	M.		F.	T.	M.		F.	T.	M.		F.	T.	M.		F.	T.	M.		F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
With syphilitic meningo-encephalitis.	5	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	11	2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	16	9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	4	12	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involuntal psychoses	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	15	15	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	22	20	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	4	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed psychoses	7	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	96	86	182	8	4	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total				7	8	15	7	8	15	58	49	107	11	20	31	5	2	7	7	2	9		

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	2	7	2	-	2	3	2	5	-	-	-	-	-	-
With other forms of syphilis	2	1	3	1	-	1	1	1	2	-	-	-	-	-	-
Alcoholic psychoses	11	2	13	-	-	-	11	2	13	-	-	-	-	-	-
With cerebral arteriosclerosis	16	9	25	7	4	11	9	4	13	-	1	1	-	-	-
With other disturbances of circulation	1	3	4	-	2	2	1	1	2	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Senile psychoses	4	12	16	1	5	6	1	7	8	1	-	1	1	-	1
Involuntal psychoses	2	2	4	1	-	1	1	2	3	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	2	2	-	1	1	-	1	1	-	-	-	-	-	-
With organic changes of nervous system	1	3	4	-	3	3	1	-	1	-	-	-	-	-	-
Psychoneuroses	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Manic-depressive psychoses	15	15	30	-	1	1	14	14	28	1	-	1	-	-	-
Dementia praecox	22	20	42	2	3	5	20	16	36	-	1	1	-	-	-
Paranoia and paranoid conditions	4	5	9	1	1	2	3	4	7	-	-	-	-	-	-
With psychopathic personality	2	1	3	1	-	1	1	1	2	-	-	-	-	-	-
With mental deficiency	4	3	7	2	1	3	1	2	3	1	-	1	-	-	-
Undiagnosed psychoses	-	3	3	-	-	-	-	3	3	-	-	-	-	-	-
Without psychoses	7	1	8	1	1	2	6	-	6	-	-	-	-	-	-
Total	96	86	182	19	22	41	73	62	135	3	2	5	1	-	1

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	2	7	2	1	3	3	1	4	-	-	-	-	-	-
With other forms of syphilis	2	1	3	1	-	1	1	-	1	-	1	1	-	-	-
Alcoholic psychoses	11	2	13	-	-	-	-	-	-	11	2	13	-	-	-
With cerebral arteriosclerosis	16	9	25	3	6	9	6	3	9	4	-	4	3	-	3
With other disturbances of circulation	1	3	4	-	-	-	1	2	3	-	1	1	-	-	-
With convulsive disorders (epil.)	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
Senile psychoses	4	12	16	3	7	10	-	4	4	-	-	-	1	1	2
Involuntal psychoses	2	2	4	2	1	3	-	1	1	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	2	2	-	1	1	-	1	1	-	-	-	-	-	-
With organic changes of nervous system	1	3	4	-	3	3	-	-	-	1	-	1	-	-	-
Psychoneuroses	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Manic-depressive psychoses	15	15	30	6	8	14	5	5	10	4	1	5	-	1	1
Dementia praecox	22	20	42	8	8	16	7	9	16	5	3	8	2	-	2
Paranoia and paranoid conditions	4	5	9	3	4	7	1	1	2	-	-	-	-	-	-
With psychopathic personality	2	1	3	-	-	-	1	1	2	1	-	1	-	-	-
With mental deficiency	4	3	7	3	2	5	-	1	1	1	-	1	-	-	-
Undiagnosed psychoses	-	3	3	-	1	1	-	2	2	-	-	-	-	-	-
Without psychoses	7	1	8	-	1	1	-	-	-	7	-	7	-	-	-
Total	96	86	182	31	44	75	25	32	57	34	8	42	6	2	8

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1937, All Cases in Residence and All Cases Out on September 30, 1937, by Status of Admission and Sex — Concluded*

MENTAL DISORDERS	ALL ADMISSIONS			ALL DISCHARGES			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.																	
	First Admissions	Readmissions		First Admissions	Readmissions		First Admissions	Readmissions		First Admissions	Readmissions		First Admissions	Readmissions																
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.															
Dementia praecox (schizophrenia):																														
Simple type	1	1	1	1	1	1	—	—	—	3	1	4	—	—	1	1														
Hebephrenic type	3	4	3	1	2	1	—	6	7	20	23	43	4	4	2	6														
Catatonic type	5	3	8	6	4	10	—	1	3	21	12	33	3	4	7	2														
Paranoid type	11	16	27	8	3	11	—	11	14	25	36	86	6	6	12	2														
Other types	2	—	2	—	—	—	—	—	—	2	—	2	—	—	—	—														
Paranoia	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—														
Paranoid conditions	3	5	8	1	4	5	—	—	4	4	7	11	—	—	2	2														
With psychopathic personality	2	1	3	4	4	8	—	—	1	2	5	7	—	—	3	1														
With mental deficiency:																														
Idiot	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—														
Imbecile	1	1	2	2	1	3	—	—	—	1	—	2	—	—	—	—														
Moron	1	2	3	1	1	2	—	—	2	5	6	11	—	—	—	—														
Unknown	1	—	1	—	—	—	—	—	1	3	6	14	1	1	2	—														
Undiacquosed Psychoses:																														
Without Psychoses:	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—														
Alcoholism	5	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—														
Psychopathic personality:																														
With pathological emotionality	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—														
Mixed types	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—														
Imbecile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—														
Moron	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—														
Grand Total	96	86	182	49	49	98	39	25	64	18	23	41	18	14	32	31	35	66	208	221	429	591	892	1,483	37	37	74	26	36	62

NOTE: — Admissions and discharges do not include transfers.

TABLE 14. Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge

PSYCHOSES	TOTAL			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	-	1	1	-	-	-	-	1	1	-	-	-
Alcoholic psychoses	7	-	7	1	-	1	6	-	6	-	-	-
Traumatic psychoses	1	-	1	-	-	-	1	-	1	-	-	-
With cerebral arteriosclerosis	2	1	3	-	-	-	2	-	2	-	1	1
With convulsive disorders (epilepsy)	1	-	1	-	-	-	1	-	1	-	-	-
Senile psychoses	1	2	3	-	-	-	1	2	3	-	-	-
Involuntional psychoses	-	1	1	-	-	-	-	1	1	-	-	-
Due to other metabolic diseases, etc.	1	-	1	-	-	-	1	-	1	-	-	-
Psychoneuroses	1	1	2	-	-	-	1	1	2	-	-	-
Manic-depressive psychoses	12	12	24	-	-	-	11	12	23	1	-	1
Dementia praecox	15	14	29	-	-	-	11	12	23	4	2	6
Paranoia and paranoid conditions	-	1	1	-	-	-	-	1	1	-	-	-
With psychopathic personality	3	8	11	1	1	2	2	7	9	-	-	-
With mental deficiency	1	2	3	-	1	1	-	-	-	1	1	2
Undiagnosed psychoses	1	3	4	-	-	-	1	2	3	-	1	1
Without psychoses	11	2	13	-	-	-	-	-	-	-	-	-
Total	57	48	105	2	2	4	38	39	77	6	5	11

TABLE 15. Hospital Residence during This Admission of Court First Admissions Discharged during 1937

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
Alcoholic psychoses	7	-	7	.81	-	.81
With cerebral arteriosclerosis	1	1	2	.20	.04	.12
With convulsive disorders (epilepsy)	1	-	1	.94	-	.94
Senile psychoses	-	2	2	-	.33	.33
Involuntional psychoses	-	1	1	-	.71	.71
Due to other metabolic diseases, etc.	1	-	1	.12	-	.12
Psychoneuroses	1	-	1	.87	-	.87
Manic-depressive psychoses	6	4	10	.59	1.02	.76
Dementia praecox	11	10	21	1.17	.53	.87
Paranoia and paranoid conditions	-	1	1	-	.12	.12
With psychopathic personality	2	2	4	.29	.66	.47
With mental deficiency	1	1	2	1.50	.94	1.22
Undiagnosed psychoses	1	2	3	.54	.04	.20
Without psychoses	7	1	8	.07	.04	.07
Total	39	25	64	.70	.53	.63

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL			25-29 years	40-44 years	45-49 years	50-54 years	55-59 years
	M.	F.	T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
With syphilitic meningo-encephalitis	2	-	2	- - -	- - -	- - -	- - -	1 - 1
Alcoholic psychoses	2	1	3	- - -	- - -	- - -	- - -	- - -
With cerebral arteriosclerosis	9	6	15	- - -	- - -	- - -	- - -	- - -
With other disturbances of circulation	2	2	4	- - -	- - -	- - -	- - -	- 1 1
With convulsive disorders (epilepsy)	-	1	1	- - -	- - -	1 1	- - -	- - -
Senile psychoses	7	5	12	- - -	- - -	- - -	- - -	- - -
Involuntional psychoses	-	1	1	- - -	- - -	- - -	- - -	- - -
With organic changes of nervous system	-	1	1	- - -	- - -	- - -	- - -	- - -
Manic-depressive psychoses	2	3	5	- - -	1 1	- - -	1 1	- - -
Dementia praecox	18	24	42	- 1 1	1 - 1	2 - 2	2 2 4	1 2 3
Paranoia and paranoid conditions	-	4	4	- - -	- - -	- - -	1 1	- - -
With psychopathic personality	1	-	1	- - -	- - -	- - -	- - -	- - -
With mental deficiency	6	1	7	- 1 1	- - -	- - -	1 - 1	- - -
Total	49	49	98	- 2 2	1 1 2	2 1 3	3 4 7	2 3 5

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
With syphilitic meningo-encephalitis	- - -	- - -	1 - 1	- - -	- - -	- - -
Alcoholic psychoses	- - -	- - -	1 - 1	- 1 1	- - -	1 - 1
With cerebral arteriosclerosis	- 1 1	2 - 2	3 2 5	3 - 3	1 3 4	- - -
With other disturbances of circulation	- - -	1 1 2	- - -	1 - 1	- - -	- - -
With convulsive disorders (epil.)	- - -	- - -	- - -	- - -	- - -	- - -
Senile psychoses	- - -	- 1 1	2 2 4	2 - 2	3 2 5	- - -
Involuntional psychoses	- 1 1	- - -	- - -	- - -	- - -	- - -
With organic changes of nervous system	- 1 1	- - -	- - -	- - -	- - -	- - -
Manic-depressive psychoses	- 1 1	- - -	- - -	1 - 1	1 - 1	- - -
Dementia praecox	- 4 4	5 5 10	1 3 4	4 2 6	2 5 7	- - -
Paranoia and paranoid conditions	- - -	- 1 1	- - -	- 1 1	- 1 1	- - -
With psychopathic personality	- - -	1 - 1	- - -	- - -	- - -	- - -
With mental deficiency	- - -	3 - 3	- - -	2 - 2	- - -	- - -
Total	- 8 8	12 8 20	8 7 15	13 4 17	7 11 18	1 - 1

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admissions in Residence on September 30, 1937*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	T.	F.	T.
With syphilitic meningo-encephalitis	8	6	14	1.84	2.31	2.04
With other forms of syphilis	2	3	5	.44	10.14	6.26
With epidemic encephalitis	1	1	2	3.50	4.50	4.00
With other infectious diseases	1	—	1	2.50	—	2.50
Alcoholic psychoses	18	8	26	4.47	6.11	4.98
With cerebral arteriosclerosis	30	12	42	2.07	1.98	2.04
With other disturbances of circulation	1	1	2	1.50	.44	.97
With convulsive disorders (epilepsy)	5	5	10	5.90	5.30	5.60
Senile psychoses	10	13	23	3.48	1.00	2.08
Involuntional psychoses	4	5	9	2.47	2.88	2.70
Due to other metabolic diseases, etc.	2	4	6	3.50	1.72	2.81
With organic changes of nervous system	4	4	8	3.48	4.22	3.85
Psychoneuroses	1	1	2	7.50	12.50	10.00
Manic-depressive psychoses	21	39	60	5.86	4.48	4.96
Dementia praecox	76	92	168	6.92	7.03	6.98
Paranoia and paranoid conditions	5	7	12	.65	7.76	4.80
With psychopathic personality	2	5	7	2.00	2.88	2.63
With mental deficiency	16	14	30	6.42	6.77	6.58
Undiagnosed psychoses	—	1	1	—	.44	.44
Without psychoses	1	—	1	.44	—	.44
Total	208	221	429	4.94	5.43	5.19

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmissions in Residence on September 30, 1937*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	12	5	17	5.58	3.30	4.91
With other forms of syphilis	4	1	5	10.00	2.50	8.50
With epidemic encephalitis	4	2	6	8.75	5.00	7.50
Alcoholic psychoses	44	6	50	9.77	7.66	9.52
Traumatic psychoses	2	—	2	4.00	—	4.00
With cerebral arteriosclerosis	15	15	30	3.90	3.90	3.90
With convulsive disorders (epilepsy)	14	9	23	14.21	12.88	13.69
Senile psychoses	3	4	7	5.00	4.25	4.64
Involuntional psychoses	5	8	13	4.70	6.73	5.73
Due to other metabolic diseases, etc.	—	2	2	—	4.00	4.00
Due to new growth	1	—	1	12.50	—	12.50
With organic changes of nervous system	6	1	7	5.83	7.50	6.07
Psychoneuroses	2	3	5	4.00	2.83	3.30
Manic-depressive psychoses	37	95	132	9.13	11.16	10.59
Dementia praecox	375	645	1,020	24.96	19.83	21.72
Paranoia and paranoid conditions	7	14	21	14.71	10.35	11.80
With psychopathic personality	6	7	13	2.83	2.07	2.42
With mental deficiency	54	75	129	12.86	9.94	11.16
Total	591	892	1,483	15.35	14.40	14.78

TABLE 20. *Family Care Statistics for Year Ended September 30, 1937*

	Males	Females	Total
Remaining in Family Care September 30, 1936	—	8	8
Admitted to Family Care during the Year	—	4	4
Whole Number of Cases within the Year	—	12	12
Discharged from Family Care within the Year	—	3	3
Returned to Institution	—	3	3
Remaining in Family Care September 30, 1937	—	9	9
Average Daily Number in Family Care during Year	—	7.797	7.797
Supported by State	—	3	3
Private	—	1.391	1.391
Self-supporting	—	3.406	3.406