



## THIRTY-SECOND ANNUAL REPORT

OF THE

# WORCESTER STATE ASYLUM

AT

## WORCESTER,

FOR THE

YEAR ENDING NOVEMBER 30, 1909.

Digitized by the Internet Archive in 2010 with funding from University of Massachusetts Amherst

## CONTENTS.

|          |     | 1           |      |   |  |  |  |  | PAGE |
|----------|-----|-------------|------|---|--|--|--|--|------|
| REPORT   | OF  | Trustees,   |      |   |  |  |  |  | 53   |
| Report   | of  | Superintend | ENT, | , |  |  |  |  | 55   |
| Report   | OF  | TREASURER,  |      |   |  |  |  |  | 62   |
| STATISTI | CS. |             | _    |   |  |  |  |  | 71   |



## OFFICERS OF THE ASYLUM.

#### TRUSTEES.

|                       | <br> | ~- |  |            |
|-----------------------|------|----|--|------------|
| THOMAS RUSSELL, .     |      |    |  | Boston.    |
| CARRIE B. HARRINGTON, |      |    |  | WORCESTER. |
| FRANCES M. LINCOLN,   |      |    |  | Worcester. |
| SAMUEL B. WOODWARD,   |      |    |  | Worcester. |
| GEORGE F. BLAKE, .    |      |    |  | Worcester. |
| LYMAN A. ELY,         |      |    |  | Worcester. |
| THOMAS H. GAGE, .     |      |    |  | Worcester. |
|                       |      |    |  |            |

#### RESIDENT OFFICERS.

| ERNEST V. SCRIBNER, M.D., |  |  | Superintendent.      |
|---------------------------|--|--|----------------------|
| H. LOUIS STICK, M.D., .   |  |  | Assistant Physician. |
| ARTHUR E. PATTRELL, M.D., |  |  | Assistant Physician. |
| B. HENRY MASON, M.D., .   |  |  | Assistant Physician. |
| WILLIAM T. BAILEY, M.D.,  |  |  | Assistant Physician. |
| ABBIE S. FAY,             |  |  | Matron.              |

## NON-RESIDENT OFFICERS.

| ALBERT  | WOOD,     |      |     |     |  | Treasurer.   |
|---------|-----------|------|-----|-----|--|--------------|
| GEORGE  | L. CLARK  | ζ, . |     |     |  | Examiner.    |
| SUSIE G | . WARREN  | ſ, . |     |     |  | Clerk.       |
| FREDER  | ICK H. BA | KER, | M.I | )., |  | Pathologist. |
| FOREST  | A. SLATE  | R, . |     |     |  | Engineer.    |



## The Commonwealth of Massachusetts.

#### TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester State Hospital, having in charge the Worcester State Asylum, respectfully submit their thirty-second annual report of the asylum, together with the reports of the superintendent and treasurer. The reports of the superintendent and treasurer are hereto annexed, and contain detailed statements of the condition and the work of the asylum in all its branches, together with the changes in the staff of the institution.

There has been no new work undertaken at the asylum this year and no appropriation will be asked therefor for the ensuing year beyond the appropriation necessary for its maintenance.

At the colony at Grafton the work of enlargement goes on. The new building for 60 excitable women has been finished and opened for use, and the others authorized last year are in process of erection. To provide for the growth of the colony the trustees ask for an appropriation of \$9,700 for a new kitchen and dining room for the No. 1 group of buildings.

During the past few years the asylum has been called upon to care for a large number of violent and excitable cases, demanding close supervision and confinement, and new buildings for their use have been constructed at the colony, but now it seems to the trustees that there is opportunity to return to the original purposes of the colony, — the care of a class of cases not needing such close supervision, who can be given work on the land and who can derive benefit therefrom, while not needing buildings of such substantial and expensive construction as the more excitable cases. To provide for such cases the trustees recom-

mend an appropriation of \$41,300 for the erection of two buildings, one for the accommodation of 50 men at the Oaks, and one for 50 women at the No. 2 group of buildings.

With the appropriation granted last year for the increase of the water supply at the colony, two lots of land have been purchased and an abundant supply of fine water has been obtained, which furnishes water enough for the needs of the colony, and is capable of increased development as these needs increase.

The work of sewage disposal under last year's appropriation is proceeding well.

The trustees desire here to express their appreciation of the faithful and efficient work of the superintendent, members of the staff and employees of the asylum during the past year.

Respectfully submitted,

THOMAS RUSSELL.
CARRIE B. HARRINGTON.
FRANCES M. LINCOLN.
SAMUEL B. WOODWARD.
GEORGE F. BLAKE.
LYMAN A. ELY.
THOMAS H. GAGE.

#### SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester State Hospital, having in Charge the Worcester State Asylum.

I respectfully present to your Board the thirty-second annual report of the superintendent of the Worcester State Asylum.

Our statistical year begins October 1 and ends September 30. On Oct. 1, 1908, 488 men and 547 women — 1,035 persons were inmates of this institution. During the year 97 men and 69 women — 166 cases — were admitted by transfer from other institutions or from boarding out; 4 men and 5 women — 9 cases - were returned from visit, making the whole number under treatment for the year 589 men and 621 women — 1,210 cases. Of these cases, 4 men and 6 women were readmissions, leaving a total of 1,200 different persons — 585 men and 615 women. There were dismissed during the year 45 men and 37 women — 82 cases. Of this number, 1 woman recovered, 6 men and 3 women were capable of self-support, 1 man and 3 women were improved, 2 men and 2 women were not improved, and 29 men and 24 women died, leaving a total of 544 men and 584 women — 1,128 patients — remaining Sept. 30, 1909. The daily average number of patients for the statistical year was 1,062.57, as against 987.48 for the previous year. year shows a steady and substantial increase in numbers.

The physical condition of the persons admitted has been more unsatisfactory than usual. This is the more to be regretted as we are greatly in need of more assistance in the conduct of the various departments. When we come to consider the mental condition of the 166 persons admitted the findings are quite as unsatisfactory. More than 25 per cent. of these were cases of primary dementia, for whose recovery or even decided improvement there is slight hope. Almost as great a number, over 24 per cent., were epileptics, the majority imbecile and far gone in

dementia. Nearly 15 per cent. were cases of alcoholic insanity, perhaps in some respects more promising than the above-mentioned classes but still not encouraging. And yet in this material good undoubtedly exists, and this good it is our duty and privilege to discover and draw out in such manner as we may be able. In all but the most hopelessly demented some remnant of interest in life remains, and if we can but approach it in the right way some renewal of mental activity may be hoped for. In the majority of cases any improvement which takes place stops far short of recovery, but often results in an increased ability to enjoy life.

Of the persons discharged 1 woman recovered and was allowed to go to the home of her parents in Portugal. This case is worthy of more than passing notice, not only because of the apparently hopeless class of cases from which it sprung, but also because of the usually hopeless character of the type of disease, epileptic insanity. In this disease not only was there an abatement of the mental symptoms but a complete cessation of epileptic seizures for a long period previous to discharge. This patient had a history of frequent and prolonged epileptic seizures, usually attended by intense mental excitement, violence towards others, and the most persistent and energetic suicidal attempts which I have ever known. When this patient left the institution she was in an apparently normal mental and physical Such cases of recovery, after years of hospital residence, are indeed rare, but the fact that they do sometimes occur lends an added interest to the study of chronic mental conditions.

The general physical health of both patients and employees has been good. There has been no case of contagious disease during the year. The death-rate among the patients has been very small, considering the class of feeble and demented cases with which we deal. The regulation of the habits of life and the careful and systematic attention which the insane receive in our public institutions evidently tend to the prolongation of their lives, and, to my mind, account for no inconsiderable percentage of the accumulation in hospitals. Tuberculosis occasioned about 25 per cent. of all the deaths. Senility was responsible for about 12 per cent. of the mortality. This cause of death must of course become of increasing importance in

succeeding years through the operation of natural causes, as but a small percentage of our cases are discharged or transferred.

During the last year the difficulty in securing proper employees has been less than usual. This has probably been due to several causes. The general business of the country has not offered full opportunities of employment and the conditions of the service here have been improved. Some increase in compensation has also been made. All laborers, workmen and mechanics have served an eight-hour day, in accordance with the law. With the exception of the official staff and the heads of departments all other persons have been accorded a service of sixty hours per week, with one day off in every seven. This has increased in no small measure the expenses of maintenance, but I believe that adequate return has been made for the money expended, and I feel that nothing less generous should be accorded for the coming year. A steady betterment is also being made in the conditions under which our employees live. last Legislature gave money for providing additional accommodations for employees. Three new cottages for nurses are now in process of construction and additional rooms are being finished off in existing buildings. Some of these rooms are already occupied.

The old farmhouse at our No. 1 colony serves as a general business headquarters and also provides kitchen and dining facilities for the officers and for considerable numbers of our farm help. The present quarters are taxed beyond their capacity. The present kitchen should be greatly enlarged, and an addition should be made which will provide a new dining room for the general employees. Plans have been drawn covering these requirements and a careful estimate of the cost of construction has been made. In the working out of these plans it has been possible to make provision for a few additional sleeping rooms and new toilet facilities. I recommend that your Board ask the coming Legislature for an appropriation of \$9,700 to provide for the accomplishment of this work.

Last year plans were prepared for one new building for 50 men and one for 50 women, and an appropriation for their erection was asked for. The necessity for these buildings and

the plans for their construction were approved by the State Board of Insanity, but in view of the great financial demands upon the Commonwealth at that time it was finally deemed wise to defer action on that matter. Plans and estimates covering this work are already on file with the State Board of Insanity. I recommend that your Board again ask the Legislature for the necessary authority and funds for the carrying out of these plans. The sum of \$41,300 will be necessary for the erection of these two buildings. Should this request be granted the carrying on of our colony work will be greatly facilitated. These plans call for one-story wooden buildings, with high basement, and are intended to make provision for the more quiet of our colony patients. In each case these buildings are intended as additions to already established groups. On account of economies in heating and general administration I regard it as better policy to more fully develop existing centers before we turn to the establishment of new ones.

At the time of the presentation of my last report the water supply at the colony was very short. The last Legislature granted an appropriation for the purpose of obtaining some additional source of supply and for connection with our existing Two lots of land have been secured, lying from onehalf to three-fourths of a mile from the general colony property. From tests and examinations which have been made each one of these properties seems to control an independent source of water supply, and is so located as to be free from all danger of local contamination. The nearer supply has been developed first, and the returns have been so satisfactory that it probably will not be necessary to turn to the second source for some time Ten wells have been driven on this property. ful test conducted at the time of our greatest drought developed an apparently constant output of some 180,000 gallons per day. The State Board of Health has reported favorably on this supply as to quality, quantity and appropriateness of the source from which it is derived. A pipe line has been laid connecting these wells with our old system, and a temporary pump is already delivering water from the new source. The work of erecting a substantial pump house and the installation of permanent pumps will be pushed to as rapid completion as possible.

The property where this water supply has been developed consists of a farm of some 113 acres of land, with a fairly good house and barn. The house is already occupied by one of our employees with his family, and the barn is utilized for the care of some of our growing young stock. The farm can be made a good hay producer, and is a substantial addition to our colony lands, aside from its value as a water producer.

The work on our sewage-disposal plant is being steadily prosecuted. The construction of the filter beds is being done by contract. The completion of the pipe lines connecting with these filter beds is being accomplished by our own employees and teams with considerable assistance from patients. This whole work will be pushed to as early completion as possible.

Work on the service building at the women's group, the erection of which was authorized by the last Legislature, is progressing satisfactorily. Steam heat will soon be in the building, which will enable the work of interior finishing to continue without interruption. This building will probably be ready for use at an earlier date than called for in the contract.

The building for 60 women has been completed and named the Larches, and is now occupied. This building seems well adapted to our uses. It has a large, dry and well-lighted basement, and being located near our power house and laundry offers excellent opportunity for the establishment of various industrial operations suited to women patients.

An attempt has been made at our colony during the past year to interest some of our female patients in out-of-door work. This effort has met with a reasonable measure of success. A crew of working women has taken care of the grounds at the women's group, and has done considerable work in the weeding and hoeing of our gardens and other light agricultural work suited to a woman's strength. As all of our already developed workers were fully employed in the different departments, this out-of-door crew was largely recruited from patients who have formerly sat around the house and done very little or nothing at all. Particular attention has been paid to getting out the noisy and troublesome patients. This practice has the effect of making this special outside crew less in numbers, but it has relieved the wards of some of its noisy and turbulent women, and in most

instances with marked benefit to the patients. The measure of success in this work has not been so much the amount of labor accomplished as the numbers of patients who have been taken out and led back into habits of industry. As the winter is closing in this same working crew is undertaking the cane seating of chairs, to occupy that time when it does not seem suitable for them to engage in out-of-door work. Already some fairly creditable work has been done by some quite unpromising pa-It is proposed to introduce other industries as time and opportunity admit. Considerable numbers of male patients, both at the asylum and at the colony, have been constantly employed in the various departments and in out-of-door work, with profit to themselves and to the institution. Here, again, as with the women, special effort has been made to interest and employ the excited and incorrigible. Encouraging results have been ob-The asylum is seriously handicapped so far as good working patients are concerned, because its inmates are all received by transfer from other institutions, and of course the best workers are retained where first admitted.

There has been but one change in the official staff. Dr. R. C. Kell resigned his position to accept a position in a Pennsylvania institution. Dr. William T. Bailey was appointed to fill the position made vacant.

Officers and employees have, as a whole, united in rendering an efficient service, which has made possible any measure of success which may have been attained. I wish to acknowledge my indebtedness to them.

Thanks are due to the publishers of the "Worcester Evening Gazette" for a copy of their paper. The Hospital Newspaper Society has furnished us with a generous supply of books and papers. I wish also to thank the Worcester Employment Society for the great amount of sewing which has been done for the institution.

E. V. SCRIBNER,

Superintendent.

### OFFICERS AND THEIR SALARIES.

| ERNEST V. SCRIBNER, M.D., Superintendent,     |    |  | \$3,000 00   |
|---|----|--|--------------|
| H. Louis Stick, M.D., Assistant Physician,    |    |  | 1,600 00     |
| ARTHUR E. PATTRELL, M.D., Assistant Physician | 1, |  | 1,200 00     |
| B. Henry Mason, M.D., Assistant Physician,    |    |  | 1,000 00     |
| WILLIAM T. BAILEY, M.D., Assistant Physician, |    |  | 800 00       |
| Frederick H. Baker, M.D., Pathologist, .      |    |  | 100 00       |
| Abbie S. Fay, Matron,                         |    |  | 800 00       |
| Albert Wood, Treasurer,                       |    |  | 400 00       |
| George L. Clark, Examiner,                    |    |  | $50\cdot 00$ |
| Susie G. Warren, Clerk,                       |    |  | 780 00       |
| Forest A. Slater, Engineer,                   |    |  | 1,000 00     |

## VALUE OF STOCK AND SUPPLIES

DEC. 1, 1909.

| Live stock, .   |         |        |          |        |              |        |        |       |     | \$14,330 00 |
|-----------------|---------|--------|----------|--------|--------------|--------|--------|-------|-----|-------------|
| Produce of far  | m on l  | hand,  |          |        |              |        |        |       |     | 3,600 89    |
| Carriages and   | agricu. | ltural | $im_{I}$ | oleme: | ats,         |        |        |       |     | 5,052 49    |
| Machinery and   | mech    | anical | fix      | tures, |              |        |        |       |     | 46,051 82   |
| Beds and beddi  | ng in   | inmat  | es' (    | depar  | $_{ m tmen}$ | t, .   |        |       | •   | 28,688 03   |
| Other furniture | in in   | mates  | de       | partm  | ent,         |        |        |       |     | 11,402 15   |
| Personal prope  | rty of  | State  | in       | super  | inten        | dent's | s depa | artme | nt, | 10,000 00   |
| Ready-made cle  | othing, | , .    |          |        |              |        |        |       |     | 5,102 31    |
| Dry goods, .    |         |        |          |        |              |        |        |       |     | 1,191 95    |
| Provisions and  | groce   | ries,  |          |        |              |        |        |       |     | 8,706 18    |
| Drugs and med   | icines, |        |          |        |              |        |        |       |     | 600 00      |
| Fuel,           |         |        |          |        |              |        |        |       |     | 6,217 70    |
| Library, .      |         |        |          |        |              |        |        |       |     | 1,365 00    |
| Other supplies  | undist  | ribute | ed.      |        |              |        |        |       |     | 4,806 50    |
|                 |         |        |          |        |              |        |        |       |     |             |

<sup>\$147,115 02</sup> 

### TREASURER'S REPORT.

To the Trustees of the Worcester State Hospital, acting for the Worcester State Asylum.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1909:—

|                               | $\mathbf{C}_{A}$ | ash A | CCOUN    | T. |         |    |           |    |
|-------------------------------|------------------|-------|----------|----|---------|----|-----------|----|
| Balance Dec. 1, 1908,         |                  |       |          |    |         | •  | \$4,000   | 00 |
|                               |                  | Rece  | eipts.   |    |         |    |           |    |
| $Institution\ Receipts.$      |                  |       |          |    |         |    |           |    |
| Board of inmates: —           |                  |       |          |    |         |    |           |    |
| Reimbursements, .             | •                |       |          |    | \$5,219 | 31 |           |    |
| Salaries, wages and labor: —  |                  |       |          |    |         |    |           |    |
| Wages not called for, .       |                  |       |          |    | 21      | 85 |           |    |
| Sales: —                      |                  |       |          |    | •       |    |           |    |
| Food,                         |                  |       | \$105    |    |         |    |           |    |
| Clothing and materials,       |                  |       | 240      |    |         |    |           |    |
| Furnishings,                  |                  |       |          | 25 |         |    |           |    |
| Repairs and improvements,     |                  |       |          | 80 |         |    |           |    |
| Miscellaneous,                | ٠                |       | 224      | 79 |         |    |           |    |
|                               |                  |       |          | _  | 580     | 82 |           |    |
| Farm, stable and grounds: —   |                  |       |          |    |         |    |           |    |
| Cows and calves, .            |                  |       | \$62     | 00 |         |    |           |    |
| Hides,                        |                  |       | 18       | 12 |         |    |           |    |
|                               |                  |       |          |    | 80      | 12 |           |    |
| Miscellaneous receipts: —     |                  |       |          |    |         |    |           |    |
| Interest on bank balances,    |                  |       | \$133    | 84 |         |    |           |    |
| Sundries,                     |                  |       | 2        | 05 |         |    |           |    |
| ,                             |                  |       |          |    | 135     | 89 |           |    |
|                               |                  |       |          |    |         |    | 6,037     | aa |
|                               |                  |       |          |    |         |    | 0,007     | 30 |
| Receipts from Treasury of     | Co               | mmon  | we alth. |    |         |    |           |    |
| Maintenance appropriations: — |                  |       |          |    |         |    |           |    |
| Balance of 1908, .            |                  |       |          |    | \$7,844 |    |           |    |
| Advance money, .              |                  |       |          |    | 15,000  |    |           |    |
| Approved schedules of 1909    | ),               |       |          |    | 228,354 | 80 |           |    |
|                               |                  |       |          |    |         |    | 251,199   | 34 |
| Special appropriations, .     |                  |       | •        | ٠. |         |    | 70,402    | 91 |
| Total,                        |                  |       |          |    |         |    | \$331,640 | 24 |

|   |      | Paym   | ents. |         |            |             |       |
|---|------|--------|-------|---------|------------|-------------|-------|
| To treasury of Commonwealth                                 |      |        |       | n+a     | @6 027 0   | 20          |       |
| To treasury of Commonwealth, i Maintenance appropriations:— | nstn | tution | recei | pts,    | \$6,037 9  | 19          |       |
| * * *   | - 10 | 000    |       |         | 11 044 5   | . 4         |       |
| Balance November schedule                                   | ,    | ,      | •     | •       | 11,844 5   |             |       |
| Eleven months' schedules,                                   |      |        | •     | • .     | 228,354 8  |             |       |
| November advances, .  | •    | •      | •     | •       | 13,057 6   |             | 4 05  |
|   |      |        |       | -       |            | - \$259,29  | 4 97  |
| Special appropriations: —                                   |      |        |       |         |            |             |       |
| Approved schedules, .                                       |      |        |       |         | \$70,402 9 | 91          |       |
| November advances, .  |      |        |       |         | 205 9      | 95          |       |
|   |      |        |       | -       |            | - 70,60     | 8 86  |
| Balance Nov. 30, 1909:                                      |      |        |       |         |            |             |       |
| In bank,  |      |        |       |         | \$705 9    | 97          |       |
| In office,  | •    | •      | •     | •       | 1,030 4    |             |       |
| in onice,   | •    | •      | •     | •       | 1,050 4    |             | 6 41  |
|   |      |        |       | _       |            | - 1,76      | 00 41 |
| m 1   |      |        |       |         |            | 0001.04     | 0.04  |
| Total,  | ٠    | •      | •     | •       |            | . \$331,64  | 0 24  |
|   |      |        |       |         |            |             |       |
|   | М    | AINTE  | NANC  | E.      |            |             |       |
|   |      |        |       |         |            | #0F0 00     | 00.00 |
| Appropriation,  | ٠    | •      | ٠     |         |            | . \$258,00  |       |
| Expenses (as analyzed below),                               | ٠    | •      | •     | •       |            | . 254,59    | 94 45 |
|   |      |        |       |         |            |             |       |
| Balance reverting to treasu                                 | ry o | f Corr | monv  | vealth, | · · · _    | . \$3,40    | )5 55 |
|   |      |        |       |         |            |             |       |
|   | 1 7. |        | t 77  |         |            |             |       |
|   | ınaı | ysis o | Exp   | enses.  |            |             |       |
| Salaries, wages and labor: —                                |      |        |       |         |            |             |       |
| General administration,                                     |      |        |       |         | \$28,680 5 | 50          |       |
| Medical service,  |      |        |       |         | 8,417 6    | 38          |       |
| Ward service (male), .                                      |      |        |       |         | 17,937 €   | 39          |       |
| Ward service (female),                                      |      |        |       |         | 15,599 8   | 32          |       |
| Repairs and improvements                                    |      |        | _     |         | 14,672 3   |             |       |
| Farm, stable and grounds,                                   |      |        |       | •       | 15,018 7   |             |       |
| Turin, stable and grounds,                                  | •    | •      | •     | •       | 10,010     | - \$100,32  | 6 73  |
| T. 1  |      |        |       |         |            | ψ100,02     | .0 .0 |
| Food: —   |      |        |       |         |            |             |       |
| Butter,   |      |        |       |         | \$11,570 9 |             |       |
| Beans,  |      |        |       |         | 957 €      |             |       |
| Bread and crackers, .                                       |      |        |       |         | 530 €      | 30 ·        |       |
| Cereals, rice, meal, etc.,                                  |      |        |       |         | 1,381 4    | 12          |       |
| Cheese,   |      |        |       |         | 793 5      | 51          |       |
| Eggs,   |      |        |       |         | 2,032 2    | 21          |       |
| Flour,  |      |        |       |         | 12,142 9   |             |       |
| Fish,   | •    |        | •     |         | 1,886 9    |             |       |
| Fruit (dried and fresh),                                    | •    | •      | •     | •       | 2,683 5    |             |       |
|   | ٠    | •      | •     | •       |            |             |       |
| Meats,  |      | •      |       |         | 15,992 9   |             |       |
| Milk,   | •    | •      | •     |         | 360 1      |             |       |
|   | •    | •      | •     |         | 361 9      |             |       |
| Sugar,  |      |        |       |         | 2,991 7    |             |       |
| Tea, coffee, broma and coc                                  | эa,  |        |       |         | 1,841 9    |             |       |
| Vegetables,   |      |        |       |         | 5,890 8    | 89          |       |
| Sundries,   |      |        |       |         | 1,721 7    | 76          |       |
|   |      |        |       |         |            | - 63,14     | 1 04  |
|   |      |        |       |         |            |             |       |
| Amount carried forward,                                     |      |        |       |         |            | . \$163,46  | 77    |
|   |      |        |       |         |            | , , , , , , |       |

| Amount brought forward,                   |         |               |   |     |          |    | \$163,467 | 77 |
|---|---------|---------------|---|-----|----------|----|-----------|----|
| Clathing and materials                    |         |               |   |     |          |    |           |    |
| Clothing and materials:—                  |         |               |   |     | MT 044   | 00 |           |    |
| Boots, shoes and rubbers,                 | •       | •             |   | •   | \$1,644  |    |           |    |
| Clothing,                                 | . ,,    | •             | • | •   | 8,387    |    |           |    |
| Dry goods for clothing and s              | small   | wares         | , | •   | 1,350    |    |           |    |
| Furnishing goods, .                       | •       | •             | • | •   | 191      |    |           |    |
| Hats and caps,                            | •       |               | • |     | 114      | -  |           |    |
| Leather and shoe findings,                | •       |               |   | •   | 118      |    |           |    |
| Sundries,                                 |         |               |   |     | 238      | 48 |           |    |
|   |         |               |   |     |          | _  | 12,045    | 88 |
| Furnishings: —                            |         |               |   |     |          |    |           |    |
| Beds, bedding, table linen, e             |         |               |   |     | \$7,016  |    |           |    |
| Brushes, brooms, . Carpets, rugs, etc., . |         |               |   |     | 516      |    | ,         |    |
| Carpets, rugs, etc., .                    | •       |               |   |     | 299      |    | •         |    |
| Crockery, glassware, cutlery              | , etc., |               |   |     | 795      |    |           |    |
| Furniture and upholstery,                 |         |               |   |     | 968      | 13 |           |    |
| Kitchen furnishings, .                    |         |               |   |     | 646      | 33 |           |    |
| Wooden ware, buckets, pails               | s. etc. |               |   |     | 112      | 67 |           |    |
| Sundries,                                 |         |               |   |     | 2,022    | 53 |           |    |
| ,   |         |               |   | _   |          |    | 12,377    | 52 |
| Heat, light and power: —                  |         |               |   |     |          |    |           |    |
| Coal,                                     |         |               |   |     | \$18,490 | 87 |           |    |
| Freight on coal,                          |         |               |   |     | 4,753    | 62 | ,         |    |
| Gas,                                      |         |               |   |     | 11       | 41 |           |    |
| Oil,                                      |         |               |   |     | 270      |    |           |    |
| Sundries,                                 | •       | •             | • |     | 1,483    |    |           |    |
| Sandino,                                  | •       | •             | • | • _ |          |    | 25,009    | 17 |
| Repairs and improvements: —               |         |               |   |     |          |    | ,         |    |
| Brick,                                    |         |               |   |     | \$138    | 31 |           |    |
| Cement, lime and plaster,                 | •       | •             | • |     | 361      |    |           |    |
|   |         | •             | • | •   | 623      |    |           |    |
| Electrical work and supplies              | ,       | •             | • | •   |          |    |           |    |
| Hardware,                                 | •       | •             | • | •   | 1,963    |    |           |    |
| Lumber,                                   | •       |               | • |     | 1,820    |    |           |    |
|   |         | •             | • | •   | 412      |    |           |    |
| Paints, oil, glass, etc.,                 |         |               |   |     | 2,223    |    |           |    |
| Plumbing, steam fitting and               | supp    | $_{ m lies,}$ |   |     | 2,109    |    |           |    |
| Roofing and materials,                    |         |               |   |     | 323      | 55 |           |    |
| Sundries,                                 |         |               |   |     | 1,182    | 98 |           |    |
|   |         |               |   |     |          |    | 11,160    | 89 |
| Farm, stable and grounds:—                |         |               |   |     |          |    |           |    |
| Blacksmith and supplies,                  |         |               |   |     | \$520    |    |           |    |
| Carriages, wagons, etc., and              | repai   | rs,           |   |     | 1,387    | 78 |           |    |
| Fertilizers, vines, seeds, etc.           | ,       |               |   |     | 1,952    | 79 |           |    |
| Hay, grain, etc.,                         |         |               |   |     | 12,599   | 23 |           |    |
| Harnesses and repairs,                    |         |               |   |     | 242      |    |           |    |
|   |         | -             |   |     | 535      | 00 |           |    |
| ~ ′                                       |         |               |   |     | 392      |    |           |    |
| Other live stock, .                       | •       | •             | • | •   | 131      |    |           |    |
|   | •       | •             | • | •   | . 322    |    |           |    |
| Tools, farm machines, etc.,               |         | •             |   |     |          |    |           |    |
| Sundries,                                 | •       | •             | • | •   | 1,027    | 62 | 19,110    | 43 |
| Miscellaneous: —                          |         |               |   |     |          |    | 10,110    | 40 |
| Books, periodicals, etc.,                 |         |               |   |     | \$398    | 80 |           |    |
| · · · · · · · · · · · · · · · · · · ·     |         |               |   | •   | 774      |    |           |    |
| Chapel services and entertai              | шиеп    | . vo,         | • | •   | 114      |    |           |    |
| Amounts carried forward,                  |         | •             |   |     | \$1,173  | 10 | \$243,171 | 66 |

| $Amounts\ brought\ forward, \qquad .$ |         |       |         | \$1,173  | 10   | \$243,171 | 66 |
|---------------------------------------|---------|-------|---------|----------|------|-----------|----|
| Miscellaneous — Con.                  |         |       |         |          |      |           |    |
| Freight, expressage and transpo       | rtation |       |         | 1,300    | 51   |           |    |
| Funeral expenses,                     |         | · .   |         | ,        | 00   |           |    |
| Hose, etc.,                           |         |       |         | 85       | 16   |           |    |
| Ice,                                  |         |       |         | 103      | 90   |           |    |
| Medicines and hospital supplies,      |         |       |         | 1,400    | 68   |           |    |
| Medical attendance, nurses, etc.      |         | ),    |         | 78       | 00   |           |    |
| Postage,                              | `.      |       |         | 197      | 55   |           |    |
| Printing and printing supplies,       |         |       |         | 5        | 08   |           |    |
| Return of runaways,                   |         |       |         | 27       | 33   |           |    |
| Soap and laundry supplies, .          |         |       |         | 2,558    | 41   |           |    |
| Stationery and office supplies,       |         |       |         | 577      | 85   |           |    |
| Travel and expenses (officials),      |         |       |         | 137      | 97   |           |    |
| Telephone and telegraph, .            |         |       |         | 452      | 37   |           |    |
| Tobacco,                              |         |       |         | 554      | 01   |           |    |
| Water,                                |         |       |         | 1,581    | 08   |           |    |
| Sundries,                             |         |       |         | 900      | 79   |           |    |
|                                       |         |       |         |          |      | 11,422    | 79 |
| Total expenses for mainten            | ,       |       |         |          | •    | \$254,594 | 45 |
| SPECIA                                | L APPI  | ROPRI | ATION   | s.       |      |           |    |
| Balance Dec. 1, 1908,                 |         |       |         |          |      | \$49,911  |    |
| Appropriations for fiscal year, .     | •       |       | •       |          | •    | 76,000    | 00 |
| Total,                                | •       |       |         |          |      | \$125,911 | 55 |
| Expended during the year (see staten  | nent ar | nexe  | d),     | \$70,402 | 91   |           |    |
| Reverting to treasury of Commonwe     | alth,   |       |         | 10       | 92   |           |    |
|                                       |         |       |         |          |      | 70,413    | 83 |
| Balance Nov. 30, 1909, .              |         |       |         |          |      | \$55,497  | 72 |
| Resource                              | ES AND  | Liai  | BILITIE | es.      |      |           |    |
|                                       | Resour  | ces.  |         |          |      |           |    |
| Cash on hand,                         |         |       |         | \$1,736  | . 41 |           |    |
| November cash vouchers (paid from a   | dvona   |       |         | 13,263   |      |           |    |
| Due from treasury of Commonw          |         |       |         | 10,200   | , 03 |           |    |
| November, 1909, schedule, .           |         |       | , corre | 11,239   | 65   |           |    |
| Troveniber, 1909, schedule,           | •       | •     | •       |          |      | \$26,239  | 65 |
|                                       | Liabili | ties. |         |          |      |           |    |
|                                       |         |       |         |          |      | \$26,239  | 65 |
| Schedule of November bills, .         | •       | •     | ٠       |          | •    | Ф2U,239   | 00 |

Special Appropriations.

| Овлест.   | Act or Resolve.   | Whole Amount.  | Expended during<br>Fiscal Year.  | Expended to<br>Date.   | Balance at End<br>of Year.  |
|---|---|--|--|--|---|
| Sewage disposal, Water supply, Building for 60 women, Furnishings for employees, etc., Slos and extending electric service, Sewerage and water system, Dining room and service building, Houses for employees, Sewage disposal, Repairs and waiting stations, Water supply, | <br>Acts 1907, chap. 88,<br>Acts 1908, chap. 88,<br>Acts 1908, chap. 146,<br>Acts 1908, chap. 146,<br>Acts 1908, chap. 146,<br>Acts 1908, chap. 522,<br>Acts 1909, chap. 522, | \$2,000 00<br>55,000 00<br>56,000 00<br>2,400 00<br>6,000 00<br>18,000 00<br>7,000 00<br>3,500 00<br>12,500 00 | \$1,291 00<br>4,082 06<br>34,247 54<br>2,340 48<br>797 09<br>4,368 46<br>10,879 19<br>1,839 05<br>800 00<br>2,450 44<br>7,307 60 | \$1,999 20<br>5,497 18<br>47,889 19<br>4,494 84<br>1,736 81<br>5,997 86<br>10,879 19<br>1,839 05<br>800 00<br>2,450 44<br>7,307 60 | \$0 80 1<br>2 82 1<br>2 82 1<br>5 16 1<br>66 14 1<br>24,120 81<br>16,160 95<br>6,200 00<br>1,049 56<br>5,192 40 |
|   |   | \$146,400 00   | \$70,402 91  | \$90,891 36  | \$55,497 72   |

1 Reverting to Treasury of Commonwea!th.

Respectfully submitted,

ALBERT WOOD,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

Assistant Supervisor of Accounts.

#### INMATES' FUND.

| Cash on hand Dec. 1, 1908, .    |      |      |       |               |     | \$2,903 | 64 |
|---------------------------------|------|------|-------|---------------|-----|---------|----|
| Received from inmates,          |      |      |       | \$858         | 48  |         |    |
| interest, national bank, .      |      |      |       | 13            | 54  |         |    |
| interest, savings bank, .       |      |      |       | 66            | 00  |         |    |
|                                 |      |      |       |               |     | 938     | 02 |
|                                 |      |      |       |               |     | \$3,841 | 66 |
| Cash refunded patients, .       |      |      |       | \$540         | 83  |         |    |
| Interest paid State Treasurer,  |      |      |       | 22            | 00  |         |    |
|                                 |      |      |       |               |     | 562     | 83 |
|                                 |      |      |       |               |     |         |    |
| Balance (savings bank, \$2,200; | nati | onal | bank, | \$<br>1,002.2 | 29; |         |    |
| drawer, \$76.54),               |      |      |       |               |     | \$3,278 | 83 |

Worcester, Dec. 13, 1909.

I hereby certify that I have made a monthly examination of all bills and pay rolls representing the current expenses of the Worcester State Asylum for the year ending Nov. 30, 1909 (\$254,594.45), and have found them properly scheduled and correctly cast.

I also find in the hands of the treasurer \$3,278.83 belonging to patients.

GEO. L. CLARK,

Examiner.



## STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



## STATISTICAL TABLES.

1. — General Statistics of the Year.

|  |        | Insane.  |             |
|--|--------|----------|-------------|
|  | Males. | Females. | Total.      |
| Patients in asylum Oct. 1, 1908,             | 488    | 547      | 1,035       |
| Admitted within the year,                    | 101    | 74       | 175         |
| Viz.: by transfer,                           | 97     | 69       | 166         |
| from visit,                                  | _      | _        | _           |
| from visit, nominally,                       | 4      | 5        | 9           |
| Whole number of cases in year,               | 589    | 621      | 1,210       |
| Dismissed within the year,                   | 45     | 37       | 82          |
| Discharged,                                  | 8      | 9        | 17          |
| Viz.: as recovered at time of leaving        |        |          |             |
| asylum,                                      | _      | 1        | 1           |
| asylum,                                      | 5      | 3        | 8           |
| as improved,                                 | 1      | 3        | 4           |
| as improved, as not improved,                | 2      | 2        | 4           |
|  | - 29   | 24       | 53          |
| Died,  | 3      | 2        | 5<br>2<br>5 |
| Escaped,                                     | 2      | _        | 2           |
| On visit Oct. 1, 1909,                       | 3      | 2        |             |
| Patients remaining Sept. 30, 1909,           | 544    | 584      | 1,128       |
| Viz.: supported as State patients,           | 532    | 571      | 1,103       |
| as private patients,                         |        | _        | _           |
| as reimbursing patients,                     | 12     | 13       | 25          |
| Number of different persons within the year, | 585    | 615      | 1,200       |
| Number of different persons admitted,        | 97     | 69       | 166         |
| Number of different persons dismissed,       | 41     | 32       | 73          |
| Number of different persons recovered,       | _      | 1        | 1           |
| Number of different persons discharged ca-   |        |          |             |
| pable of self-support,                       | 5      | 3        | 8           |
| Daily average number of patients,            | 492.62 | 569.95   | 1,062.57    |
| Viz.: State patients,                        | 477.47 | 553.87   | 1,031.3     |
| private patients,                            | _      |          | _           |
| reimbursing patients,                        | 15.15  | 16.08    | 31.23.      |

2. — Received on First and Subsequent Admissions.

| NUMBER OF ADM            | TOOL | ONG  |  | C      | ASES ADMITTEI | · .    |
|--------------------------|------|------|--|--------|---------------|--------|
| NUMBER OF ADM            | 1661 | UNS. |  | Males. | Females.      | Total. |
| First (to this asylum),  |      |      |  | 96     | 67            | 163    |
| Second (to this asylum), |      |      |  | 1      | 2             | 3      |
| Third (to this asylum),  |      |      |  | _      | _             | _      |
| Total cases, .           |      |      |  | 97     | 69            | 166    |
| Total persons, .         |      |      |  | 97     | 69            | 166    |

3. — Ages of Insane at First Attack and Death.

|                      |     |      |  |  | $\mathbf{D}_{\mathbf{I}}$ | ED.           |           |         |
|----------------------|-----|------|--|--|---------------------------|---------------|-----------|---------|
|                      |     |      | AT :                                       | FIRST ATT                              | ACK.                      | AT T          | IME OF DI | EATH.   |
|                      |     |      | Males.                                     | Females.                               | Totals.                   | Males.        | Females.  | Totals. |
| Congenital,          |     |      | -  | 1                                      | 1                         | _             | _         | _       |
| 15 years and less, . |     |      | -  | _                                      | -                         | _             | -         | _       |
| From 15 to 20 years, |     |      | 1  | -                                      | 1                         | -             | _         | _       |
| 20 to 25 years,      |     |      | $\begin{bmatrix} 2\\4\\2\\5 \end{bmatrix}$ | 2                                      | 4                         | -             | _         | -       |
| 25 to 30 years,      |     |      | 4  | $\begin{array}{c c}4\\2\\1\end{array}$ | 8                         | 1             | -         | 1       |
| 30 to 35 years,      |     |      | 2  | 2                                      | 4                         | $\frac{2}{2}$ | 1         | 3       |
| 35 to 40 years,      |     |      |  |  | 6                         | 2             | 2         | 4       |
| 40  to  50  years,   |     |      | 4  | 4                                      | 8                         | 8             | 2         | 10      |
| 50 to 60 years,      |     |      | 4  | 2                                      | 6                         | 11            | 8         | 19      |
| 60 to 70 years,      |     |      | -  | 1                                      | 1                         | 5             | 5         | 10      |
| 70 to 80 years,      |     |      | -  | _                                      | _                         | -             | 4         | 4       |
| Over 80 years, .     |     |      | _  | -                                      | _                         | -             | 2         | 2       |
| Unknown,             |     |      | 7  | 7                                      | 14                        | -             | -         | _       |
| Totals,              |     |      | 29   | 24                                     | 53                        | 29            | 24        | 53      |
| Total persons,       |     |      | 29   | 24                                     | 53                        | 29            | 24        | 53      |
| Mean known ages (in  | yea | rs), | 36.45                                      | 42.05                                  | 36.33                     | 48.34         | 59.70     | 53.67   |

4.— Form of Mental Diseases in Patients admitted or discharged, with their Condition on Discharge, or Death.

|             | ES<br>THS.                 | Totals.          | 1 co x = 1 d 4   01   01 ro co = 1 = co   | 44        |
|-------------|----------------------------|------------------|---|-----------|
| TOTAL       | Discharges<br>and Deaths.  | Females.         | 1 61 1 1 1 1 1 1 -  | 15        |
| I           | Disc                       | Males.           | 1   | 29        |
|             |                            | Totals.          | 1 1 1 2 1 1 1 1 2 4 2 1 1 1 1 1 1 1 1 1   | 32        |
|             | Died.                      | Females.         | HOLION   MI   HI     HI   HI   HI   HI   HI   | 2         |
|             | П                          | Males.           | 070  4=   040=  | 22        |
|             | ا ا                        | Totals.          | 11111841111111111   | 60        |
|             | NOT<br>IMPROVED.           | Females.         | 111111-1111111111   | -         |
|             | IMP                        | Males.           | 11111001111111111111  | 5         |
|             | é                          | Totals.          | 1:111=11:11:11:11=1   | 2         |
|             | IMPROVED                   | Females.         | ***************   | -         |
| RGED        | IMI                        | Males.           | 11111-1111111111  |           |
| DISCHARGED. | OF<br>DRT.                 | Totals.          | 1118-11-1-11-1  | 7         |
| I           | CAPABLE OF<br>SELF-SUPPORT | Females.         |   | က         |
|             | CAP,                       | Males.           | 114110111114  | 4         |
|             |                            | Totals.          | !!!!!!!!!!!!!!!   | 1         |
|             | RECOVERED                  | Females.         | 1111111111111111  | ı         |
|             | RECC                       | Males.           | 1   | 1         |
|             | á                          | Totals.          | 1 G 0 1 4 X 4 3 3 3 3 3 3 1 1 3 3 3 2 3   | 8         |
|             | Арміттер                   | Females.         | 180147414111114881  | 14        |
|             | ADI                        | Males.           | 1911111010001111101   | 39        |
|             |                            | FOIM OF DISEASE. | A. — First admitted to any hospital when received by institution from which transferred:— Alchololic insanity, chronic. Alcoholic insanity, chronic. Clironic delusional insanity, Climaeteric insanity, Dementia, primary, Dementia, primary, Dementia, esculie, Dementia, secule, Dementia, primary, paranoid form, Egilepsy, General paresis, Imbecile, Imbecile, with dementia, Imbecile, with dementia, Involution psychosis, melancholia, Manic-depressive insanity, mixed form, Toxic insanity, | Totals A, |

4.—Form of Mental Diseases in Patients admitted or discharged, with their Condition on Discharge, or Death — Concluded.

| 4  |   |           |                    |                    |            |           |                    | А                          | ISCHA             | Discharged. |                       |                  |        |                  |                  |                     |  | -                    | To                        | TOTAL    |                        |
|--|---|-----------|--------------------|--------------------|------------|-----------|--------------------|----------------------------|-------------------|-------------|-----------------------|------------------|--------|------------------|------------------|---------------------|--|----------------------|---------------------------|----------|------------------------|
|  | ЧЪ                                      | Арміттер. | ë.                 | REC                | RECOVERED. | ω,        | CAP.<br>SELF-      | CAPABLE OF<br>SELF-SUPPORT | JF.               | IMP         | IMPROVED.             |                  | IMPE   | NOT<br>IMPROVED. | ı .              | D                   | DIED.                                    |                      | DISCHARGES<br>AND DEATHS. | ARGE     | 50 50                  |
| 4  | Males.                                  | Females.  | Totals.            | Males.             | Females.   | Totals.   | Males.             | Females.                   | Totals.           | Males.      | Females.              | Totala.          | Males. | Females.         | Totals.          | Males.              | Females. Totals.                         | 1                    | Males.                    | Females. | Totals.                |
| B. — All other admissions: — Alcoholic insanity, acute, Alcoholic insanity, acute, Arteriosclerosis, epilepsy, Chronic delusional insanity, Constitutional inferiority, with dementia, Dementia, primary, Dementia, chronic, Dementia, chronic, Dementia, chronic, Dementia, senile, Epilepsy, with dementia, Epilepsy, with dementia, General paresis, Infocile with dementia, Imbecile with dementia, Imbecile with dementia, Imbecile with dementia, Infantia paralysis with pellepsy, Manic-depressive insanity, mixed form, Manic-depressive insanity, maniacal form, | 1 | H         | 111128838888888888 | 111111111111111111 | 1111111111 | 111111111 | 111-11111111111111 | 111111111111111            | 111-1111111111111 |             | 111001111111111111111 | 1110111111111111 |        | 1                | 1111141111111111 | 1414110111014111111 | 111-1111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | 11101101014410111111 | 1-101101101-11111         | 1        | 1110110001400100111111 |
| Totals B,  | 58                                      | 28        | 98                 | 1                  | -          | -         | 1                  | 1                          | -                 | ı           | 63                    | 63               | 1      |                  | -                | 7                   | 14 21                                    |                      |                           | 18       | 26                     |
| Aggregate cases,   | 26                                      | 69        | 166                | 1                  | П          | -         | r0                 | က                          | ∞                 | _           | က                     | 4                | 2      | 2                | 4                | 29 2                | 24 53                                    |                      | 37                        | 33       | 02                     |
| Aggregate persons,   | 6                                       | 69        | 166                | 1                  | -          | -         | 70                 | က                          | ∞                 | 1           | es .                  | 4                | 2      | 2                | 4                | 29 2                | 24 53                                    | _                    | 37                        | 33       | 20                     |

5. — Discharges of the Insane, classifted by Admission and Results, and Deaths.

|   | RE     | RECOVERED. | ė.      | CAP.<br>SELF | CAPABLE OF<br>SELF-SUPPORT. | OF.      | IMP      | IMPROVED. |         | Nor improved. | MPROV    | ED.     |        | Died.    |         | Н      | Totals.  |         |
|---|--------|------------|---------|--------------|-----------------------------|----------|----------|-----------|---------|---------------|----------|---------|--------|----------|---------|--------|----------|---------|
| NUMBER OF ADMISSION.  | Males. | Females.   | Totals. | Males.       | Females.                    | Totala.  | Males.   | Females.  | Totals. | Males.        | Females. | Totals. | Males. | Females. | Totala. | Males. | Females. | .efstoT |
| First,  | 1      | -          | -       | 70           | ಣ                           | $\infty$ | -        | 33        | 4       | <b>C1</b>     | 23       | 4       | 29     | 24       | 53      | 37     | 33       | 20      |
| Second,   | 1      | ı          | ı       | 1            | 1                           | ı        | ı        | 1         | 1       | 1             | 1        | ı       | 1      | 1        | 1       | I      | 1        | Ī       |
| Third,  | I      | l          | ı       | 1            | ı                           | 1        | ı        | 1         | 1       | 1             | 1        | 1       | I      | 1        | 1       | 1      | ı        | ı       |
| Total cases,  |        | П          |         | 70           | ಣ                           | 00       | -        | ಣ         | 4       | 21            | 23       | 4       | 29     | 24       | 53      | 37     | 33       | 70      |
| Total persons first admitted to any hospital when received by institution from which transferred, . | 1      | 1          | l       | 4            | ಣ                           | ۲-       | <b>—</b> | Н         | 6.1     | 2             | -        | 6.0     | 22     | 10       | 32      | 29     | 15       | 44      |

6.—Causes of Death and Forms of Mental Disease in Persons who died.

| ι,<br>Έ.                           | Totals.          | 1 1 1   | 1 1 1 1 1 1   | 11-111111111   |
|------------------------------------|------------------|---|---|--|
| Dementia,<br>Senile.               | Females.         | 1.1.1   | 11-111-   | 11-11111111  |
| Des                                | Males.           | 1.1.1   | 1111111   | 1111111111111  |
| ĭ, ¥,                              | Totals.          | 1 1 1   | 1-110111  | 111111111  |
| DEMENTIA,<br>CHRONIC.              | Females.         | 1 1 1   | 1111001111  | 1111411111111  |
| OB                                 | Males.           | 111   | 1-11111   | 3   1   1   1   1   1   1   1   1   1  |
| Ϋ́, Ϋ́                             | Totals.          | 11-   |   |  |
| Dementia,<br>Primary.              | Females.         | 1 1 1   | 111111  | 111111111  |
| DE                                 | Males.           | 11-   | 1111111   | 1111-11-11-11  |
| NAL.                               | Totals.          | 1 1 1   | 111111==  | []]]   |
| Chronic<br>Delusional<br>Insanity. | Females.         | ,1-1-1  | 1 1 1 1 1 1 1 1   | 111110110111111  |
| D P P                              | Males.           | 1 1 1   | 111111  | [];[][][][][][][][][][][][][][][][][][]  |
| LIC<br>Y,                          | Totals.          | 111   | 111-111   | <del>==</del>  |
| Alcoholic<br>Insanity,<br>Chronic. | Females.         | 1 1 1   | 1 1 1 1 1 1 1 1   | 1-1111111111   |
| ALC                                | Males.           | 1 1 1   | 111-1111  |  |
| r, x,                              | Totals.          | 111   | 11111111  | 111111111111   |
| Alcoholic<br>Insanity,<br>Acute.   | Females.         | 1 1 1   | 1111111   | [ ] ] ] ] ] ] ] ]  |
| ALC                                | Males.           | t 1 1   |   |  |
|                                    | Totals.          | -22-  | 000   |  |
| AGGRE-<br>GATES.                   | Females.         | 1 1 1   | 11  |  |
| A B                                | Males.           |   |   |  |
|                                    |                  | • • •   |   |  |
| •                                  |                  |   |   |  |
|                                    |                  |   |   | neral diseases:— Acute enteritis, toxemia, Acute neteritis, toxemia, Acute nephritis, erebral congestion, arterioselerosis, Acute nephritis, erebral congestion, arterioselerosis, Acute septicemia, coleoseptitis, acute hepatitis, Cardio-renal Valvular disease, Dinonic interstitial nephritis, chronic_myocarditis and endocarditis, Chronic interstitial nephritis, chronic_myocarditis and endocarditis, Chronic nephritis, chronic cystitis, rheumatism, Carcinoma of breast and right hung. Carcinoma of breast and right hung. Sapticemia, Huntington's chronic disease and the constitution of the confine control of the con   |
|                                    |                  |   |   | neral diseases:— Acute enterius, toxemia, Acute neterius, toxemia, Acute nephritis, earbral concession, arterioselerosis, Acute septicemia, colocapethias, acute hepatitis, Acute septicemia, colocapethias, acute hepatitis, Acute dysentery, parereatitis, septicemia, tertian malaria, Chronic interstitial nephritis, chronic "myocarditis and end Chronic interstitial nephritis, chronic eystitis, heumatism, Carcinoma of breast and right hung. Carcinoma of breast and right hung. Gastro enteriis, endocarditis, arterioselerosis, Septicemia, Huntington's chorar. Uremia, chronic nephritis, chronic gystitis, chronic prostat Senile debility, chronic endocarditis, arterioselerosis,  |
|                                    |                  |   |   | neral diseases: — Acute entertiis, arteriosclerosis, exhaustion, Acute entertiis, arteriosclerosis, exhaustion, Acute rephirtiis, cerebral concestion, arteriosclerosis, Acute rephirtiis, cerebral concestion, arteriosclerosis, Acute dysentery, panereatitis, septicemia, tertian Cardio-renal valvular disease, Chronic interstitial nephirtiis, chronic exystiis, rheumatism, Chronic incephirtis, chronic eystiis, rheumatism, Carcinoma of breast and right lung. Gastro enteritis, endocarditis, arteriosclerosis, Septicemia, Huntimeton s chorea. Septicemia, thoronic nephirtis, chronic eystitis, chronic plemia, chronic nephirtis, chronic eystitis, chronic Senile debility, chronic endocarditis, arteriosclerosis,  |
|                                    | CAUSES OF DEATH. |   |   | secler<br>titis,<br>tertis<br>ardi<br>ardi<br>tism<br>tism<br>chr<br>chr   |
|                                    | DE               |   | ditis nteri   | ion,<br>terio<br>nepat<br>nia, 1<br>nyoc<br>uma<br>leros<br>titis,   |
|                                    | OF               |   | ocar<br>s,<br>ite e;<br>erios<br>arter<br>leros   | naust<br>n, ar<br>ute P<br>licæn<br>nic_r<br>nic_r, rhe<br>g, rhosc<br>riosc   |
|                                    | ES               | ,<br>g  | end<br>y,<br>erosi<br>, acu<br>, art<br>tis,  | , exh<br>setion,<br>s, acu<br>sept<br>chro<br>chro<br>rtitis<br>lun<br>arte<br>rea,<br>conic<br>urdit  |
|                                    | AUS              |   | cute<br>billit<br>losel<br>ease<br>ease<br>ease<br>ardi   | rosis on general control contr   |
|                                    | ΰ                | n   | in, a la de la de la de la de la de la distanta | ia, secles ral c c en c  |
|                                    |                  | ngto  | tatic<br>snerg<br>sis, a<br>hear<br>hear<br>hear<br>hear<br>eard  | xem teric ereb cole panc ular ular ular ular ular ular ular ular   |
|                                    |                  | s,<br>unti  | em: dila s, ge nbos nlar ilar ilar ilar ilar inar inar  | s, tc<br>s, ar<br>s, ar<br>is, c<br>mia,<br>cry,<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>valvy<br>Hitis<br>litis<br>critis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis<br>oritis |
|                                    |                  | item<br>aresi<br>3, H   | syst<br>diac<br>erosi<br>chror<br>alvu<br>alvu<br>alvu<br>urgi.   | eases eriti criti criti criti criti chica  |
|                                    |                  | s sys<br>osy,<br>al pa  | ory<br>car<br>oscle<br>ral t<br>nic v<br>nic v<br>nic v<br>nic v  | discount dis   |
|                                    |                  | Nervous system:—<br>Epilepsy,<br>General paresis,<br>Meningitis, Huntington's chores, | Oirculatory system:—  Acute cardiuc dilatation, acute endocarditis,  Arteriosclerosis, general debility,  Cerebral thrombosis, arteriosclerosis,  Chronic valvultar heart disease, acute entertiis,  Chronic valvultar heart disease, acute entertiis,  Chronic valvultar heart disease, arteriosclerosis,  Mirtal regurgitation, endocarditis, arteriosclerosis,  Myocarditis, endocarditis, arteriosclerosis,   | Seneral diseases: — Acute enterlist, aveania, Acute enterlist, arterioselerosis, exhaustion, Acute espticæmia, cleoseptids, arterioselerosis, Acute septicæmia, cleoseptids, acute hepatitis, Acute dysentery, panereatitis, septicæmia, tertian Cardio-renal valvular disease, Chronic interstitial nephritis, chronic myocarditis and Chronic nephritis, chronic cystisis, rheumatism, Carcinoma of breast and right hug, Gastro enterlis, endocarditis, arterioselerosis, Septicæmia, Huntingron s chorea, Usemia, chronic nephritis, chronic cystisis, chronic Senilie debility, chronic endocarditis, arterioselerosis  |
|                                    |                  | NGE   | O<br>TAAOOOOMA  | 9<br>4<br>4<br>4<br>4<br>4<br>6<br>7<br>7<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7<br>8<br>7   |

| 1  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| 1   1   1   1   1   1   1   1   1   1  |
|  |
|  |
|  |
|  |
|  |
| 101111101111011101   |
|  |
| 24 11 12 21 12 24 25   |
| 11 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2   |
|  |
|  |
| tis,   |
| ons,<br>is,<br>osis,<br>cong   |
| rulsi is,  |
| con, in, in, in, in, in, in, in, in, in, i   |
| ptic istio   |
| epile<br>exhau<br>rititial<br>lar h<br>nters<br>ici,<br>ophy<br>sitis,<br>norr<br>ardi   |
| sis, tis, c  |
| clero<br>nteris<br>resis,<br>resis,<br>nic ir<br>nic v<br>shror<br>na lu<br>cula,<br>nonic r<br>nonic r  |
| erios al pa chio angi angi mus chro chro chro chro chro chro chro chro   |
| , art, acceneration, action, clic, c |
| m: — nebc nebc nr. g nr. g nble   nosta no |
| ystellopped by broken by broken by broken by   |
| ry sonia, onia, on |
|  |
| Respiratory system: — Patentonia, broncho, art Patentonia, broncho, art Patentonia, lobar, gener Preumonia, lobar, gener Preumonia, hopostatio, Preumonia, bryostatio, Preumonia, bryostatio, Pulmonary tuberculosis, Pulmonary and general i  |

6.-Causes of Death and Forms of Mental Disease in Persons who died — Concluded.

|  | Totals.          | 1 1 1   |  |   |
|--|------------------|---|--|---|
| IDIOT.                                   | Females.         | 111   | 1111111  | 111111111111  |
|  | Males.           | 1 1 1   |  |   |
| 5  | Totals.          | 1 1 1   | 1111111  | 111111111111  |
| [MBECILE.                                | Females.         | 1 1 1   | 1111111  | 111111111111  |
| IM                                       | Males.           | 1 1 1   | 1111111  |   |
| Υ.                                       | Totals.          | -11   | 111-1111   | 111111111111  |
| EPICEPSY.                                | Females.         | 4 1 1   | 111-1111   |   |
| EP                                       | Males.           | <b>↔</b> ( )  | 11111111   | :   |
| VE<br>Y.                                 | Totals.          | 1 1 1   | 1111111  | 1111111111111   |
| MANIC-<br>DEPRESSIVE<br>INSANITY.        | Females.         | 1 1 1   | * 1 1 1 1 1 1 1  | 111111111111  |
| M<br>DEP<br>INS                          | Males.           | 1.1.1   | 1111111  | (13   |
| ON<br>IS,<br>ULIA.                       | Totals.          | 1 1 1   | 1111111  | 111111111111  |
| INVOLUTION<br>PSYCHOSIS,<br>M ELANCHOLIA | Females.         | 1 1 1   | 1111111  | 1111111111111   |
| Inv<br>Psy<br>Met/                       | Males.           | 1 1 1   | 1111111  | 111111111111  |
| 2.6                                      | Totals.          | ומו   | 1     1   1   1   1  | 1111111111111   |
| GENERAL<br>Paresis.                      | Females.         | 1 1 1   | [  | 1   |
| P.G.                                     | Males.           | ادتا  | 1111111  |   |
|  |                  |   |  | itis  |
|  |                  |   |  | a, ocard  |
|  | ,                |   |  | inalari<br>dendi  |
|  | CAUSES OF DEATH. | Nervous system: — Epilepsy, General paresis, Meningitis, Huntington's chorea, | Circulatory system:—Are endocarditis, Arette cardiac dilatation, acute endocarditis, Arterioselerosis, general debility. Cerebral thrombosis, arterioselerosis, Chronic valvular heart disease, active enteritis, Chronic valvular heart disease, arterioselerosis, Mirral regurgitation, endocarditis, arterioselerosis, Myocarditis, endocarditis, arterioselerosis, | General diseases:— Acute enteritis, toxemia, Acute enteritis, arteriosclerosis, exhaustion, Acute enteritis, carebral concestion, arteriosclerosis, Acute septicemia, colosceptitis, acute hepatitis, Cardio-renal valvular disease, Cardio-renal valvular disease, Chronic incersitial nephritis, chronic myocarditis and endocarditis, Chronic ideocolitis, Chronic arteritis, chronic cystitis, rheumatism, Carcinoma of breats and right lung, Carcinoma of breats and right lung, Septicamia, Huningroin schore, Uremia, chronic nephritis, chronic cystitis, chronic prostatitis, Senile debility, chronic endocarditis, arteriosclerosis, Senile debility, chronic endocarditis, arteriosclerosis, |

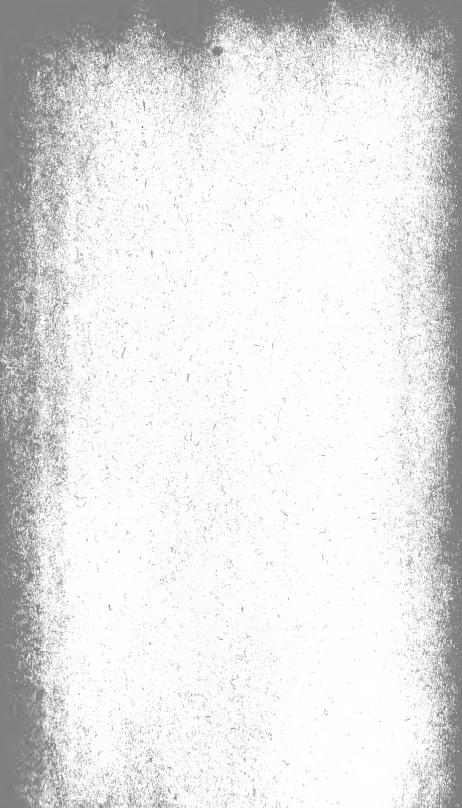
| 000  | •   | 3                                 |                         |   |   |  |                        |   | _  | •   | ٠.  | _  |  |         |
|--|---|-----------------------------------|-------------------------|---|---|--|------------------------|---|--|---|---|--|--|---------|
| 1  | ı   | ı                                 | ı                       | ı   | ı   | ı  | i                      | ı                                       | 1  | 1   | ı   | 1  | ı  | 2       |
| -  | ı   | 1                                 | 1                       | 1   | 1   | ı  | ı                      | 1                                       | ŀ  | 1   | ı   | ı  | 1  | ı       |
| ı  | 1   | ı                                 | 1                       | 1   | I   | l  | ı                      | ı                                       | ı  | 1   | 1   | ı  | 1  | 2       |
| -  | 1   | 1                                 | 1                       | 1   | ı   | 1  | C)                     | 1                                       | 1  | I   | 1   | ı  | 1  | 2       |
| 1  | 1   | ı                                 | I                       | ı   | ı   | 1  | П                      | 1                                       | 1  | ı   | 1   | ı  | ı  | -       |
| 1  | 1   | ı                                 | ı                       | 1   | 1   | ı  | _                      | 1                                       | 1  | I   | 1   | ı  | 1  | -       |
| -  | ı   | 1                                 | -                       | ı   | 1   | ı  | -                      | 1                                       | 1  | ı   | 1   | 1  | 1  | 9       |
| 1  | 1   | ı                                 | -                       | 1   | ī   | ı  | 1                      | 1                                       | 1  | ı   | 1   | 1  | ı  | 2       |
|  | i   | ı                                 | 1                       | ı   | 1   | ı  | -                      | ı                                       | 1  | 1   | ı   | ı  | ı  | 4       |
| 1  | 1   | 1                                 | ı                       | 1   | ı   | ī  | ı                      | 1                                       | 1  | ī   | ı   | 1  | -  | -       |
| 1  | ı   | ı                                 | 1                       | 1   | ı   | ı  | 1                      | 1                                       | i  | i   | ı   | ı  | _  | -       |
| 1  | 1   | 1                                 | 1                       | 1   | ı   | 1  | ı                      | 1                                       | 1  | ı   | ı   | 1  | 1  | 1       |
|  | ı   | 1                                 | 1                       | 1   | 1   | 1  | 1                      | ı                                       | _  | 1   | ı   | ı  | 1  | П       |
| 1  | 1   | ı                                 | ı                       | 1   | ı   | ı  | 1                      | i                                       | 1  | 1   | 1   | 1  | 1  |         |
| 1  | 1   | ī                                 | ī                       | 1   | 1   | 1  | 1                      | 1                                       | -  | 1   | ı   | ı  | ı  | -       |
| 1  | ı   | -                                 | ı                       | 1   | 1   | ı  | 1                      | ı                                       | ı  | 1   | ı   | 1  | ı  | 9       |
| 1  | ı   | _                                 | ı                       | 1   | ١   | 1  | ī                      | 1                                       | ı  | 1   | ı   | ı  | 1  | -       |
| 1  | 1   | ı                                 | l                       | ı   | ı   | ı  | 1                      | 1                                       | ı  | ī   | 1   | ı  | ı  | 10      |
| piratory system: — neumonia, broncho, arteriosclerosis, epileptic convulsions, | neumonia, broncho, acute enteritis, exhaustion, | neumonia, lobar, general paresis, | neumonia, double lobar, | neumonia, hypostatic, chronic interstitial nephritis, | neumonia, hypostatie, chronic valvular heart disease, | ulmonary cedema, uremia, chronic interstitial nephritis, | ulmonary tuberculosis, | ulmonary tuberculosis, angina ludovici, | ulmonary tuberculosis, muscular atrophy, arteriosclerosis, . | ulmonary tuberculosis, chronic hepatitis, | ulmonary tuberculosis, pulmonic hemorrhage, | ulmonary tuberculosis, chronic myocarditis and endocarditis, | ulmonary and general tuberculosis, acute pulmonary congestion, | Totals, |

7. - Duration of Mental Disease and its Treatment in Patients who recovered or died.

|  |          | FIRST A                       | DMITTE                | D TO A    | NY HOSP<br>OM WHIC | ITAL WH<br>H TRANS  | ANY HOSPITAL WHEN RECEPTOON WHICH TRANSFERRED. | First admitted to Any Hospital when received by Institution prom which transferred. | INSTITUT       | NOI       |                | ALL                                   | Отнев           | ALL OTHER ADMISSIONS | NS.   |                   |
|--|----------|-------------------------------|-----------------------|-----------|--------------------|---------------------|--|---|----------------|-----------|----------------|---------------------------------------|-----------------|----------------------|---|-------------------|
| DERIOD   |          | DURATION BEFORE<br>ADMISSION. | ATION BEFOR           | RE        | HOSPITA            | HOSPITAL RESIDENCE. | ENCE.  | WHOL  | WHOLE DURATION | ION.      | WHOLE<br>OF ME | WHOLE KNOWN PERIOD OF MENTAL DISEASE. | PERIOD<br>EASE. | WHOLE<br>OF HOSP     | WHOLE KNOWN PERIOD<br>OF HOSPITAL RESIDENCE | PERIOD<br>IDENCE. |
| . The state of the | M ales.  |                               | Females.              | Totals.   | Males.             | Females.            | Totals.  | Males.  | Females.       | Totala.   | Males.         | Females.                              | Totals.         | Males.               | Females.                                    | Totals.           |
| A. — Recovered: —<br>From 10 to 20 years,  |          | 1                             | 1                     | 1         | ī                  | ı                   | ı  | 1   | ı              | 1         | 1              |                                       | -               | 1                    | -   | -                 |
| Totals,  |          | 1                             |                       |           | 1                  | 1                   |  | 1   | J              | ,         | ı              | 1                                     | 1               | ı                    | 1   | -                 |
| B. — Died: — Under I month, From 1 to 3 months, 3 to 6 months, 6 to 12 months, 1 to 2 years, 2 to 5 years, 5 to 10 years, 10 to 20 years, Over 20 years,   |          | 411044111                     | 1 1 1 2 3 1 1 1 1 2 3 | -1-025556 | 1111000000         | 111111001           | 11123664                                       | 111118894   | 1111-1-40      | 111102450 | 111110110      | 1111-127-                             | 111100000       | 1111100              | 1110111000                                  | 1110==000         |
| Totals,  | <u> </u> | 17                            | 8                     | 25        | 22                 | 10                  | 32   | 17  | ∞              | 25        | 4              | =                                     | 15              | 9                    | 14  | 20                |
| Unknown,   |          | 2                             | - 73                  | 1         | ı                  | 1                   | ı  | rc.   | 2              | 7         | က              | က                                     | 9               | 1                    | 1   | -                 |
| Totals,  |          | 22 1                          | 101                   | 32        | 22                 | 10                  | 32   | 22  | 10             | 32        | 2              | 14                                    | 21              | 7                    | 14  | 21                |
| Average of known cases (in months),  | <br>     | 34.25 17                      | 17.12                 | 27.40     | 124.59             | 136.60              | 128.34   | 169.31  | 171.75         | 163.44    | 209.00         | 342.72                                | 320.40          | 173.66               | 208.70                                      | 195.40            |
|  | -        | -                             | -                     | =         |                    | -                   |  | -   | -              | -         | -              |                                       | -               |                      |   |                   |







DEC 2



