

**Report of the Committee of Visitors, the Medical Superintendents, and other papers relating to the asylums : printed in pursuance of the standing orders of the County Council 1915-1916 / Essex and Colchester Lunatic Asylums.**

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**Publication/Creation**

Chelmsford : Printed by John Dutton, 1915.

**Persistent URL**

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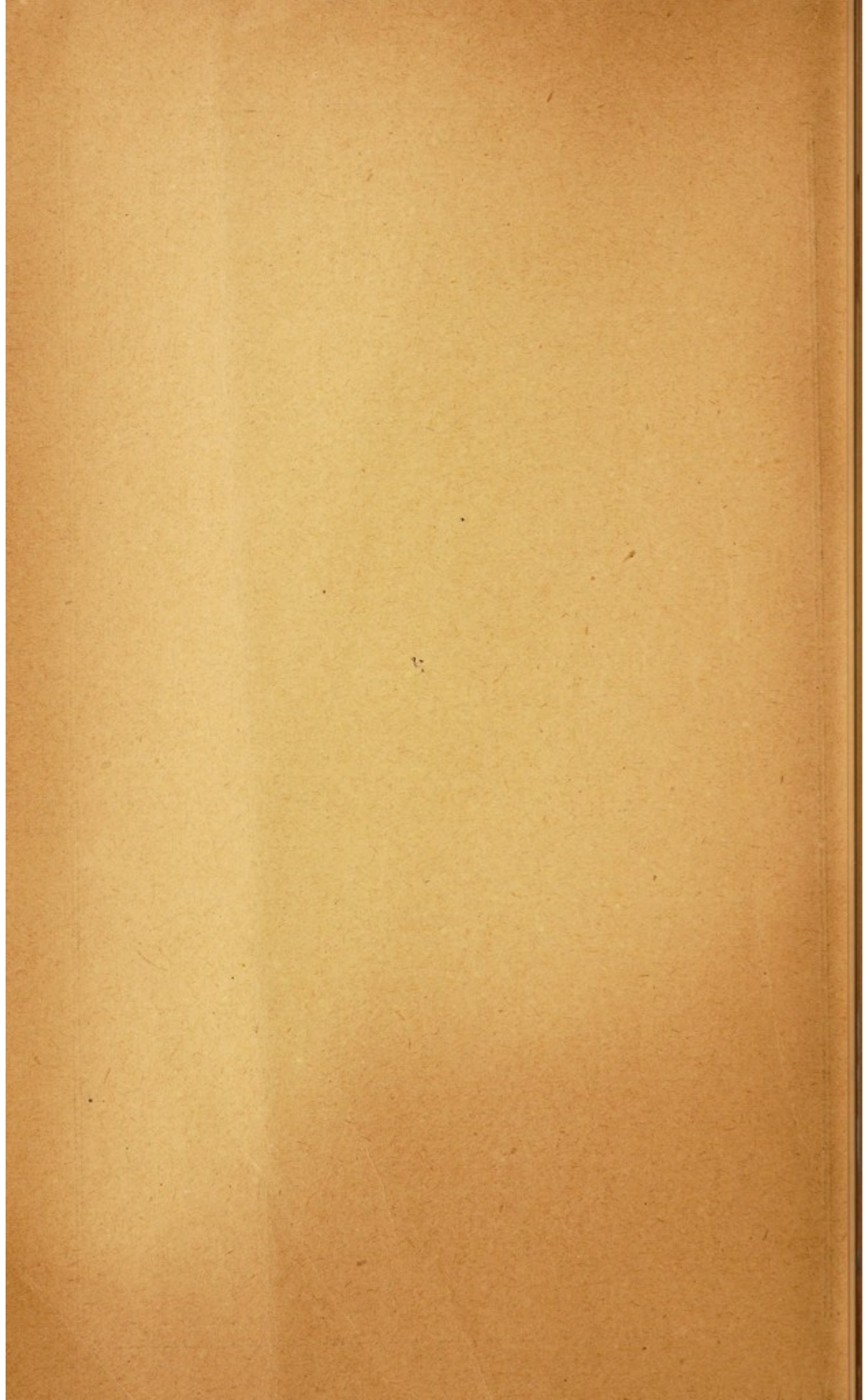
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ESSEX AND COLCHESTER  
LUNATIC ASYLUMS.

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REPORTS  
AND  
OTHER DOCUMENTS





1915-16.

Essex and Colchester Lunatic Asylums.

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# REPORT

OF THE

COMMITTEE of VISITORS,

THE

MEDICAL SUPERINTENDENTS,

AND OTHER

PAPERS RELATING TO THE ASYLUMS.

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*Printed in pursuance of the Standing Orders of the County  
Council.*

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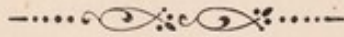
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Appointed for the Year ending March, 1916.



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E. S. WHITE .. ..	<i>Storekeeper and Organist.</i>
H. HEYWARD .. ..	<i>Inspector.</i>
I. CHERRY (Miss) .. ..	<i>Matron.</i>
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G. EVANS, M.B.	..	..	<i>Senior Assistant Medical Officer.</i>
H. W. HODGSON, M.R.C.S., L.R.C.P.	..	..	<i>Assistant Medical Officer.</i>
E. P. COURT, M.R.C.S., L.R.C.P.	..	..	..
R. H. LUCAS, M.R.C.S., L.R.C.P.	..	..	..
T. J. L. DAVIES, B.A.	..	..	<i>Chaplain.</i>
R. OVEREND	..	..	<i>Clerk of the Asylum.</i>
R. FARR	..	..	<i>Storekeeper.</i>
C. HAMMOND	..	..	<i>Inspector.</i>
M. JONES (Miss)	..	..	<i>Matron.</i>
H. J. BEECHING	..	..	<i>Clerk of the Works and Engineer.</i>



# REPORT

## OF THE

# COMMITTEE OF VISITORS.

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**To the Essex County Council and the Council of  
the Borough of Colchester.**

The Committee appointed by the Essex County Council and the Council of the Borough of Colchester for the purpose of the Asylums erected for the Pauper Lunatics of the said County and Borough present this Report, pursuant to the Act of Parliament, 53 Vict., cap 5.

The Committee report as follows:—

### PATIENTS.

|                                                                                                    |     | Males. | Females. | Total |
|----------------------------------------------------------------------------------------------------|-----|--------|----------|-------|
| There were remaining in the Asylum, Brentwood, and<br>Branch Asylums on the 31st December, 1913 .. |     | 683    | 1038     | 1721  |
| The like in Severalls Asylum, Colchester ..                                                        |     | 490    | 620      | 1110  |
|                                                                                                    |     | 1173   | 1658     | 2831  |
| Admitted for the first time during the year:—                                                      |     |        |          |       |
|                                                                                                    | M.  | F.     | T.       |       |
| To Brentwood ..                                                                                    | 304 | 264    | 568      |       |
| Re-admitted to Brentwood ..                                                                        | 29  | 45     | 74       |       |
| Admitted for the first time during the year:—                                                      |     |        |          |       |
| To Severalls ..                                                                                    | 164 | 199    | 363      |       |
| Re-admitted to Severalls ..                                                                        | 1   | 4      | 5        |       |
|                                                                                                    |     | 498    | 512      | 1010  |
| Total cases under treatment during the year ..                                                     |     | 1671   | 2170     | 3841  |

Cases Discharged and Died:—

|              | Brentwood. |     |     | Severalls. |    |     |     |     |     |
|--------------|------------|-----|-----|------------|----|-----|-----|-----|-----|
|              | M.         | F.  | T.  | M.         | F. | T.  |     |     |     |
| Recovered .. | 57         | 38  | 95  | 24         | 36 | 60  | 81  | 74  | 155 |
| Relieved ..  | 20         | 63  | 83  | 8          | 11 | 19  | 28  | 74  | 102 |
| Not improved | 81         | 69  | 150 | --         | 11 | 11  | 81  | 80  | 161 |
| Died ..      | 138        | 181 | 319 | 45         | 67 | 112 | 183 | 248 | 431 |
|              |            |     |     |            |    |     | 373 | 476 | 849 |

Total cases remaining on the books of  
the Asylums on the 31st December,  
1914:—

|                                 |     |     |      |             |             |             |
|---------------------------------|-----|-----|------|-------------|-------------|-------------|
| At Brentwood and Branch Asylums | 720 | 996 | 1716 |             |             |             |
| At Severalls Asylum .. .. .     | 578 | 698 | 1276 |             |             |             |
|                                 |     |     |      | <u>1298</u> | <u>1694</u> | <u>2992</u> |

Included in the above figures are:—

|                                                                                                              |   |    |    |          |           |           |
|--------------------------------------------------------------------------------------------------------------|---|----|----|----------|-----------|-----------|
| Private Patients (including Criminals) at Severalls<br>Asylum remaining in the Asylum on 31st December, 1913 | — | 6  | 6  |          |           |           |
| Private Patients admitted .. .. .                                                                            | 4 | 6  | 10 |          |           |           |
| Transferred from Pauper to Private Class ..                                                                  | 3 | 9  | 12 |          |           |           |
| Private Patients Discharged and Died:—                                                                       |   |    |    | <u>7</u> | <u>21</u> | <u>28</u> |
| Recovered .. .. .                                                                                            | 1 | 1  | 2  |          |           |           |
| Relieved .. .. .                                                                                             | — | 1  | 1  |          |           |           |
| Not improved .. .. .                                                                                         | — | 1  | 1  |          |           |           |
| Died .. .. .                                                                                                 | 1 | 3  | 4  |          |           |           |
|                                                                                                              |   |    |    | <u>2</u> | <u>6</u>  | <u>8</u>  |
| Private Patients remaining in Severalls Asylum on the 31st<br>December, 1914 .. .. .                         | 5 | 15 | 20 |          |           |           |

### BOARDED-OUT PATIENTS.

During the year the Committee have entered into reception contracts with the London Asylums and Mental Deficiency Committee for the reception and maintenance at Brentwood Asylum of 80 male patients at 16s. per head per week and for 25 female patients at 18s. per head per week, and with the County Borough of Southend for the reception and maintenance at Severalls Asylum of the pauper patients from that County Borough at 16s. per head per week.

The following numbers of patients were remaining in the Asylums on the 31st December, 1914:—

|                                                         | M.         | F.        | T.         |
|---------------------------------------------------------|------------|-----------|------------|
| Brentwood Asylum (London Asylums<br>Committee) ... .. . | 79         | 25        | 104        |
| Severalls Asylum (Southend County<br>Borough) ... .. .  | 38         | 74        | 112        |
| Total ... .. .                                          | <u>117</u> | <u>99</u> | <u>216</u> |



and the above figures are included in the total of 2,992 shewn above.

One patient who had been boarded out at Brookwood Asylum was brought back during the year, and there are now no patients boarded out in other Asylums.

### BRENTWOOD ASYLUM.

The Kitchen has been provided with a double-deck Draw-plate Oven.

Two Verandahs have been erected.

A High-pressure Steam Disinfector has been purchased and is to be installed in the Laundry.

Two temporary iron buildings have been demolished and one re-erected for Workshops.

A new Rotary Washing Machine has been installed at The Chestnuts.

Electric Lighting has been installed at Harold Court and a new Staircase erected.

The following Staff have retired under the provisions of the Asylums Officers' Superannuation Act, viz. :—

George Kemp, Attendant, 56 years, after 23 years' service.

John Howle, Attendant, 51 years, after 15 years' service.

David Mason, Farm Bailiff, 69 years, after 16 years' service.

George Cole, Engine Driver, 54 years, after 35 years' service.

The following Staff have retired under the Committee of Visitors Scheme of Pensions with the sanction of the Essex County Council and the Colchester Borough Council, viz. :—

George Cook, Attendant, 66 years, after 27 years' service.

Henry Stephens, Chaplain, 56 years, after 28 years' service.

The following pensioners have died, viz. :—

Henry Williamson, late Attendant.

Rebecca Davies, late Head Nurse.

Henry Morris, late Baker.

Dr. J. R. Payne has left, and Drs. Oscar J. Maginness and D. J. McRae have been appointed as Assistant Medical Officers. The latter is now serving at the Army Base Hospital in France.

### SEVERALLS ASYLUM.

During the year the detached buildings have been furnished and equipped, some of the articles of furniture being made in the Asylum Workshops. The Committee have not, however, been able to receive patients into these buildings owing to the Military occupation since the 19th August last.

The Kitchen equipment has been added to by the provision of a steam heated oven.

Further work of planting and laying out the gardens and grounds is being proceeded with.

The work of converting the Attendants' Block into a villa for working patients has been carried out.

Contracts, which have received the approval of the Local Authorities, have been entered into for the following works :—

Roads and paths to and around the detached buildings.

Erection of Cowhouse, Milk Room, Farm Cottages and  
Inspector's House.

Farm Bailiff's House.

Additional Borehole.

Greenhouse.



Approval has also been given by the Local Authorities to the provision of the necessary machinery for lifting the water from the new Bore Hole and for the provision of a Water Tank of 100,000 gallons capacity.

Plans have also been submitted to the Local Authorities and approved for draining the Cemetery site, and for the necessary paths and fencing thereto, and for Medical Superintendent's Garage.

The following works under the heading of Additions, Alterations and Improvements have been completed, or are in course of completion :—

Conversion of the Photographic Room into quarters for an additional Assistant Medical Officer.

Erection of a timber shed in the Workshops Yard.

Lavatory accommodation in the Stores Yard.

Cinematograph Chamber to the Recreation Hall.

Conversion of a window into a doorway in each of the Infirmaries, thus making a direct exit from the Dormitories to the Inner Courts.

Bath Room and Lavatory, Private Patients' Block.

Dr. R. H. Lucas joined the Staff in June last.

#### STAFF.

The scales of Salaries of the Assistant Medical Officers and the Nursing and Domestic Staff have been revised and improved and additional leave granted.

The Committee again desire to recognise the efficiency of the administration and the good work of the Staff generally.

THOS. BARRETT LENNARD,

Chairman of the Committee of Visitors.

*1st March, 1915.*

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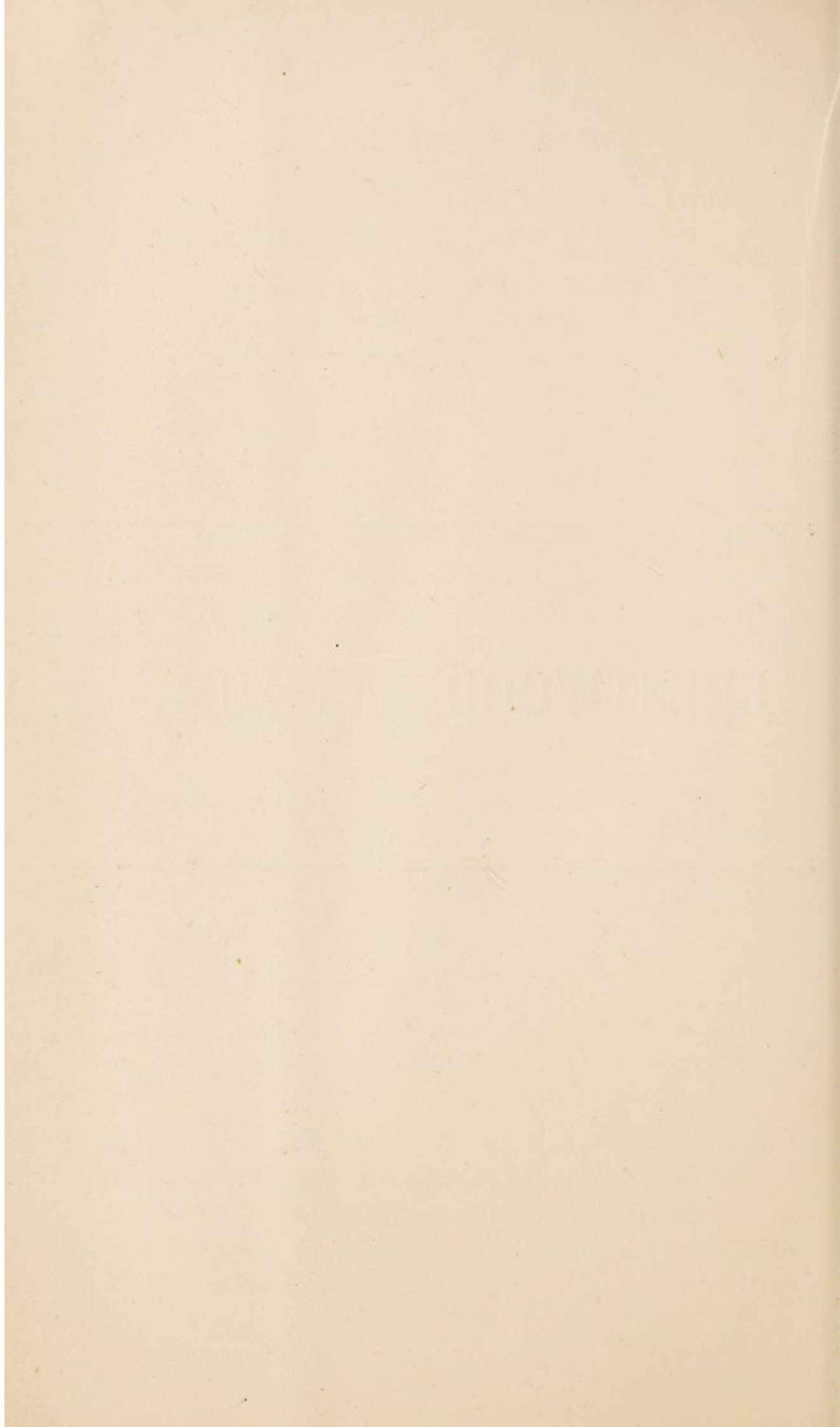
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**BRENTWOOD ASYLUM.**

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**REPORTS**  
OF THE  
**COMMISSIONERS OF THE BOARD  
OF CONTROL.**

~~~~~  
ON BRENTWOOD ASYLUM.

“ June 30th, 1914.

We have yesterday and to-day visited this Asylum, and can report that it is maintained in good order. The disuse and removal of the temporary buildings which is now being gradually effected is doing much to improve the amenities of the Asylum, the space which they occupied being available for Airing Courts. At the present time the building which was formerly Ward 15 has been entirely removed, and is being re-erected in a modified form on a new site further away from the Asylum, to serve as Workshops for the patients. The remaining building in Block M is unoccupied, and will shortly be removed. Our Board in April last intimated to the Committee that they would decline to submit any fresh reception Contracts to the Secretary of State for his approval until the temporary buildings, which they have always felt would constitute serious danger in case of fire, were vacated.

We hope that no time will be lost before the demolition of the remaining building is taken in hand.

Among minor matters that have received attention, we may mention the provision of a verandah to F. Ward 1, and the installation in the kitchen of a New Draw Plate Steam Oven.

We thought that the Corridors and Lavatories of F. Block D are much in need of re-decoration. The Wards of this Block are also very deficient in facilities for dealing properly with the soiled linen.



In Male Wards 6 and 9, where the lavatories have been converted into dormitories, the cement floors have been retained, which must render them very cold in the winter months. We strongly deprecate the practice of keeping in the medicine cupboards of the various wards stock bottles of aperient medicines.

In the Laundry we thought that the provision of a steam disinfecter would be a valuable addition, and in the hot weather prevailing at the time of our visit, the iron heating stoves, which are not provided with any sort of screens, were very hot and oppressive.

In F.W. 3 and M.W. 10 some 50 children of both sexes are warded who will shortly be transferred to the Asylum at Colchester. Many of these patients, especially some of the elder boys, appeared to us to be capable of deriving benefit from training, and we hope that special facilities in this direction will be provided so long as they have to remain in Asylum care.

We were especially struck by the large number of young women of the feeble-minded type who we saw in this Asylum.

We desire to repeat the remarks of our colleagues as to the inadequacy of the quarters at present provided for the use of the Senior Assistant Medical Officer and his family.

In the comparatively short time that has elapsed since our colleagues visit in December last the following changes have occurred among the patients :—

	M.	F.	T.
Admissions ... ..	195	171	366
Discharges or Removals ...	118	122	240
Recoveries ... ..	29	23	52
Deaths ... ..	77	110	187

There are now on the books the names of 1,652 patients in the proportion of 675 men to 977 women. It is calculated that there are now vacancies for 92 upon the male and 123 upon the emale side.



There are 74 patients chargeable to Out-County Unions, the majority being received under contract from the London Asylums Committee.

All the patients except three men, who were out on trial, were in residence at the time of our visit.

We found the Wards well kept and comfortable, the dormitories tidy, and the beds and bedding in very good condition.

The patients presented a well-nourished and properly-cared-for appearance, were extremely well behaved, and, apart from the subject of detention, remarkably free from complaints. It is evident that much trouble is given to making their lives as happy as they can be under the circumstances.

We saw a good and substantial dinner of stewed beef, potatoes, cabbage and bread, followed by suet pudding, served yesterday to some 280 women in the Dining Hall of Block D.; and from no patient did we receive any complaint on the subject of the dietary.

The weekly maintenance charge is 11s. 8d. for Home patients, whilst the Out-County patients are received at rates varying from 14s. to 16s.

There has been no recorded use of mechanical restraint, but 11 patients have been secluded on 14 occasions for a total duration of 95 hours.

Since the last visit the general health of the Institution has been good. There have been 9 cases of colitis, 7 on the female and 2 on the male side, and 10 women patients have been attacked by diarrhœa. To-day we found 69 females and 31 men confined to bed, 29 of these being there as new cases or for mental reasons, and the remaining 71 for sickness or general weakness. Of the latter, 8 females and 6 males were suffering from phthisis, and 2 men were in the Isolation Hospital with a mild form of scarlet fever.



There have been 7 cases of fracture or dislocation of bones, these being all due to falls or to injuries caused by fellow patients.

Of the deaths, senile decay accounted for over 20 per cent. kidney disease for 17 per cent., general paralysis for 11 per cent. (8 per cent. being males), and phthisis, epilepsy and pneumonia each for 10 per cent.

A bed sore was present at death in the cases of one male and one female patient, but all the cases in bed at the time of our visit were free from this complication.

Post-mortem examinations were held in the very satisfactory proportions of 90 per cent. of the deaths.

Three inquests have been held, the deaths being due in two cases to suicide. All the cases were fully reported to our Board at the time and call for no further comment.

We were shewn a very interesting report by Dr. Turner on the Clinico-Pathological and Pathological work carried on at the Institution in which the results of the examination of cerebro-spinal fluid and blood are described, and the main points of interest found at the post-mortem examinations are tabulated,

We are glad to note that of the 15 patients allowed out on trial during the period under review, as many as 14 were given money allowances.

The returns made annually to our Board are on the whole satisfactory, but those relating to attendance at the religious services on Sundays, and the weekly entertainments, and to the employment of patients, are very much below the average usually found in Asylums.

An adequate staff of Attendants and Nurses is maintained—averaging one to every 9·8 patients—and the duration of service continues satisfactory.

The Case Books and Medical Records are well kept and noted up to date.

(Signed) A. H. TREVOR, ) Commissioners of the  
A. ROTHERHAM, ) Board of Control.

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### ON HAROLD COURT.

30th June, 1914.

We have to-day visited this House, which is in good order and provides suitable accommodation for the 73 male patients now residing here: 22 of them work on the farm and gardens, 27 do various sorts of household work, and 44 are only capable of taking walking exercises about the estate.

One patient, who is a painter by trade, is now doing useful work of this sort on the property.

Since the last visit the electric light has been installed, an external fire escape iron staircase has been erected, and a fire main has been brought into the house and erected up to both floors with fixed hydrants. New urinals have also been provided.

The Staff consists of a head attendant and his wife, who does the cooking, and four attendants.

(Signed) A. H. TREVOR, ) Commissioners of the  
A. ROTHERHAM, ) Board of Control.

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### ON THE CHESTNUTS, WALTHAMSTOW.

28th October, 1914.

At our visit to this House to-day, we found that it was being occupied by 64 Female Patients, all of whom we saw, except one who was out for the day. They were in the enjoyment of good general health, no one being confined to bed.



Their general appearance was quite satisfactory, and there can be no doubt that they are well and kindly treated.

The rooms are comfortable and well kept, and the condition of the beds and bedding was quite satisfactory.

The house has been thoroughly re-decorated inside since the last visit ; new fire alarm and appliances have been provided a bath for the Staff has been added, and in the Laundry—where the wash-house has been enlarged by the removal of a partition, thus improving the supervision—a new washing machine has been purchased.

Ten of the patients go out for walks accompanied beyond the grounds, sometimes attending the local shows, and usually attending the Parish Church on Sundays. We were sorry to hear that the Services heretofore held in the house have been given up. We hope that they will be at once resumed and conducted by the Vicar or one of his Curates.

Some twenty of the patients do useful work, four being engaged in the Laundry, and the remainder in House or Needle-work.

The Staff consists of three nurses and a married couple, who serve as Gardener and Cook respectively. The Laundress attends four days a week. Dr. Kennedy attends daily.

(Signed) A. H. TREVOR,                    } Commissioners of the  
                  SIDNEY COUPLAND, } Board of Control.

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#### ON BRENTWOOD ASYLUM.

12th January, 1915.

As the result of our two days' visit to this Asylum, Harold Court and The Chestnuts, we can report that, although some parts of the Main Building are in need of reparation, the Institution is, upon the whole well maintained.



The Wards and Beds were in good order, but the temperature of many of the rooms was in our opinion far too low, being only 46°.

Whilst numbers of the patients are too feeble-minded and demented either to complain or to express satisfaction, there are, on the other hand, many who are well able to appreciate their position and surroundings, and from our conversation with them as well as our personal observation, we came to the conclusion that they are a very contented lot, and we are satisfied that they are kindly and considerately treated. Apart from some appeals against their detention, the patients made no complaints worthy of comment as to their treatment or their diet. The diet, judging from the dinners which we saw served, is liberal and good.

There are amongst the patients about 40 children whom it was hoped would ere this have been removed to the Asylum at Colchester, but the demands made upon the resources of that Institution by the Military Authorities in connection with the provision of accommodation for the Troops, have for the present rendered such a course impracticable. We thought, however, they were exceedingly well cared for and that as much as can be is being done for them in their present surroundings.

Since the last visit from Members of our Board, a commencement has been made in the laying out of the site formerly covered by the temporary building known as M.I.a. as a garden and tennis court.

The site of Ward 15 is to be applied to similar purposes, and the materials taken from that building which has now been demolished have been re-erected at a short distance in the form of General Workshops. We regret, however, that when this was being carried out so much boarding was used in the walls and partitions, and that a system of plastering was not adopted. The only other temporary building—the one formerly in use as the Laundry Dormitory—has been retained in position and is



now used as a Sorting Room. It may, in our view, continue to be applied for that purpose, provided means are taken to render it fire-resisting by removing the interior match-boarding and felting, if any (a matter to which the attention of the Committee has already been directed) and fitting it up with properly plastered walls. In its present state it is very inflammable, and, should a fire break out, would be a menace to the other structures.

A much needed addition to the laundry appliances has been purchased, viz, a Steam Disinfector, and will soon be placed in position. This department of the Asylum cannot from its construction and arrangement ever be other than inconvenient and ill-adapted, but some steps must, we think, be taken by the use of iron gates or some similar construction, to prevent the association and intermingling of the men and women at work there: were this done, there are, we consider, not a few more amongst the feeble-minded girls in the Asylum who might be usefully employed there.

An excellent Verandah has been added to the Male Infirmary, and we may mention that a hair combing and carding shed is in process of construction in connection with the workshops. We are pleased to learn that it has been decided to erect a house for the Senior Assistant Medical Officer and his family.

Since June 30th, 1914, there have been 352 admissions; 12 patients have been allowed on trial, to all of whom, we are glad to note, money allowances were made; 110 have been discharged or removed—of whom 52 had recovered—and 173 have died.

There are on the Statutory Books the names of 722 Males and 999 Females, in all 1721, of whom six are classed as criminals, and 122 (90 Males and 32 Females) are Out-County Patients, 103 being received under Contract from the London Asylums Committee, and the others being chargeable to Out-County Unions.



One patient is on leave, and there are to-day in residence at the Asylum 1585 patients, viz., 649 Males and 934 Females, all of whom we have seen. The remaining patients are in residence as to 63 at the Chestnuts and 73 at Harold Court.

There are, according to the Returns, vacancies for 39 Males, but on the Female side there is an excess of seven patients.

The maintenance charge per head per week is for Home Patients 11s. 8d., for Out-County Patients from 14s. - 18s., and for those classed as Criminal, 14s.

There is no record of any mechanical restraint, but seven patients have been secluded on 23 occasions for a total of 240½ hours.

The proportion of patients who attend the Sunday services is low, but the number employed is, considering the nature of many of the cases, satisfactory.

The Staff consists of an Attendant or Nurse to every 11 patients for day duty, whose record of service is good, especially amongst the attendants, 60 per cent. of whom have over 5 years service.

We were struck with the number of keys in use amongst the Staff and the inconvenience which was frequently caused therefrom, and we think that at no distant date all the locks in the Asylum should undergo a thorough overhauling.

Two of the Attendants and nine of the Nurses hold the Nursing Certificate of the Medico Psychological Association, to whom an annual grant of £3 is made.

One of the Assistant Medical Officers is serving with the Expeditionary Force, and as many as 35 of the regular nursing staff are engaged in military duties there or in England.

The patients are well nourished. One hundred and forty-two, or eight per cent. of the total number, were confined to



bed, but a large proportion of these were there for mental reasons only, among them being a good many recently admitted who were resting. One of the newly admitted patients had mutilated herself severely at home. No patient was suffering from any illness of an acute character. Since the last visit the only instances of Zymotic Disease that have arisen have been one fatal case of Typhoid Fever and four cases of Dysentery, one of which ended fatally.

It is satisfactory to find that the cause of death in 173 deaths was in as many as 148 instances, or nearly 86 per cent., verified by post-mortem examination. Inquests were held on two men and three women. The circumstances attending each were fully reported to and considered by our Board at the time. In three instances the inquests were held because death was associated with accidental fractures, which in two cases had occurred before admission; in a fourth instance the inquest was held because the patient was suffocated in an epileptic fit, and in the fifth because the patient had serious injuries of his genital organs which were supposed to have been self-inflicted. The rest of the deaths call for no special comment.

The only other severe casualties besides those just mentioned have been three fractures, which were all the result of accidental falls.

The Registers and Case Books are entered up to date, and the latter have, as a whole, been properly kept, but in some important instances the particulars respecting the patients are too meagre.

(Signed) S. J. FRASER MACLEOD, } Commissioners of the  
E. MARRIOTT COOKE, } Board of Control.

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ON HAROLD COURT.

12th January, 1915.

We have to-day seen and spoken to such of the 73 patients in residence at this Branch as showed any inclination for

conversation. They appeared to be suitable cases for detention here, and to be comfortable and properly supervised.

The house is in good order.

A drawer should be provided for the use of each Attendant where he can lock away his razor. There is not sufficient provision at present.

Twenty-five of the inmates are employed on the farm and garden, and a like number work about the house.

Fifty on an average are taken for weekly walks beyond the grounds, and about the same number attend the Sunday services, which are usually held by the Chaplain from the Asylum.

The health is good.

The Staff consists of a Head Attendant and his wife, and three attendants.

The Case Books are properly entered up to date.

(Signed) S. J. FRASER MACLEOD, } Commissioners of the  
E. MARRIOTT COOKE, } Board of Control.

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## ON THE CHESTNUTS, WALTHAMSTOW.

12th January, 1915.

This Branch of Brentwood Asylum is in good order throughout, and the 63 female patients in residence here appear to be very well housed and cared for. Their general health is good and they presented a neat and tidy appearance.

Three of the patients work in the Laundry, 10 are usually engaged in housework, 12 in needlework and four assist in the kitchen.



Weekly parties attend the entertainments at the local Picture Palace and about 15 go to the neighbouring Church Services on Sunday. A District Visitor comes to see the patients every fortnight, but we are sorry to hear that the weekly services which were formerly held by a clergyman from the neighbourhood, but which have been in abeyance for some time, are not to be renewed, although a service is to be conducted once a fortnight by a lady lay worker, and an occasional address is to be given by the Vicar or his Curate.

Dr. Kennedy calls daily, and the Staff consists of a man and his wife in charge, who have the assistance of three nurses.

The Case Book is noted up-to-date.

(Signed) S. J. FRASER MACLEOD, ) Commissioners of the  
E. MARRIOTT COOK, ) Board of Control.

# BRENTWOOD ASYLUM.

## REPORT

OF THE

## MEDICAL SUPERINTENDENT

For the Year ending 31st December, 1914.

*To the Committee of Visitors of the Essex and Colchester  
Lunatic Asylums.*

GENTLEMEN,

I beg to submit my Annual Report of this Institution for the year 1914, with the addition of the usual Statistical Tables.

At the end of the year there were resident in the Asylum and Branches 720 Male Patients and 996 Female Patients—a total of 1,716—a decrease of five in the numbers remaining at the end of 1913.

The admissions were 333 males and 309 females, a total of 642. Of these, 105 were received under Contract from the London Asylums and Mental Deficiency Committee, so that the number of patients admitted chargeable to Unions in the County was 537, against 705 admitted in 1913.

The discharges numbered 57 males and 38 females recovered, 20 males and 59 females relieved, four males and one female not improved, and 77 males and 72 females transferred to other Asylums, the majority of these to Severalls.

138 males and 181 females died during the year.

The proportion per cent. of recoveries to admissions was 19·12, and that of deaths to the average daily number resident was 19·07.



As regards the causes of death, Senility accounted for 59, Bright's Disease for 52, Tuberculosis for 44, Pneumonia for 36, General Paralysis for 33, and Epilepsy for 26.

The number of post-mortem examinations was 280—a satisfactory percentage of 88. The usual Pathological Report, in a slightly amended form, is appended.

Seven inquests were held during the year, but there is nothing referring to them calling for further comment.

Minor casualties were few, and not due to negligence by the Staff.

One male patient was attacked by Dysentery, and 17 women. There were also two cases of Scarlet Fever and one of Enteric Fever on the male side.

Two verandahs for open air treatment have been erected, and have proved to be of the utmost value.

Work has been found for as many patients as possible. Male patients are employed in the Office, Stores, Repairing Shops, Kitchen, Laundry and Farm. The female patients are also suitably employed in the Needleroom, &c.

The Farm and Garden has yielded very satisfactory returns during the year.

Dr. F. W. Hill, Assistant Medical Officer, left on April 3rd, and Doctors D. J. McRae and O. G. Maginness joined the Asylum Service as Assistant Medical Officers, but the former is now serving with the Forces.

I regret to report the retirement, after 29 years' service, of the Rev. H. Stephens. The best testimony to his work was the general sorrow of the inmates at his departure. It is in the Wards rather than in the Chapel that the really useful and

really arduous work of an Asylum Chaplain lies, and this is work which does not lend itself to statistical display like a mere record of numbers attending Chapel, which satisfies the official mind and means nothing at all.

The Rev. Jesse Berridge was appointed to fill the vacancy.

Two Members of the Board of Control visited the Asylum on June 29th and 30th.

The 6th Battalion of the Essex Regiment, comprising 1,000 Officers and men, was billeted here in August for one week, and, thanks to the new double-deck oven, we were able to cook their food for them.

The War has rather adversely affected the Male Staff, 39 having joined the Army to this date, but the men left behind have worked well, and I do not think efficiency has suffered.

I am glad to acknowledge the able assistance of the Officers and Staff during a trying year.

In conclusion, I thank the Chairman of the Committee, the Chairman of the Sub-Committees, and all Members, for the consideration they have always shewn me.

I have the honour to remain, Gentlemen,

Your obedient Servant,

JOHN TURNER.

1st January, 1915.



## BRENTWOOD ASYLUM.

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**NAMES OF STAFF WHO HAVE JOINED  
THE FORCES.**


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Maginness, Oscar	...	...	Assistant Medical Officer.
McRae, Duncan James	...	...	„ „
Mitchell, William Edward	...	...	1st Assistant Clerk.
Hobley, Reginald Frank	...	...	Assistant Clerk.
Morgan, Richard George	...	...	Stores Clerk.
*Morrison, Albert Henry	...	...	Assistant Engineer.
Willis, Thomas John	...	...	Head Attendant.
Cattell, Agnes	...	...	Head Nurse.
*Wood, Evelyn George	...	...	Assistant Fireman
*Marsh, William	...	...	Blacksmith.
Smith, Frederick George	...	...	Carpenter.
Smith, Charles	...	...	Hammerman.
Williams, Charles	...	...	Messman.
Eagle, Arthur	...	...	Gardener.
Bannister, Harry	...	...	Farm Hand.
Hagreen, Henry	...	...	„
Dyer, Charles, jun.	...	...	„
Patience, Frederick	...	...	„
Kingsbury, Arthur	...	...	Stoker.
Emberson, Frederick	...	...	„
Nunn, Cyril	..	...	„
Blackburn, William	...	...	Sculleryman.
Capon George	...	...	„
Adams, Frank	...	...	Attendant.
Ager, Charles William..	...	...	„
Brenny, Frederick	...	...	„
Brind, John	...	...	„

NAMES OF STAFF WHO HAVE JOINED THE  
FORCES—*continued.*

Bridge, William John ...	...	Attendant.
Carswell, James ...	...	"
Cawson, Joseph ...	...	"
Dale, Albert George ...	...	"
Dowding, Ernest ...	...	"
Eastham, Ralph Henry	...	"
Emberson, Thomas ...	...	"
Johnson, Charles ...	...	"
Knight, Henry ...	...	"
*Laundy, George ...	...	"
Neave, Charles ...	...	"
Nunn, Bertie ...	...	"
Parsons, Charles ...	...	"
Povell, Charles ...	...	"
Payne, Harry ...	...	"
Richardson, Henry John	...	"
Rudd, Cecil ...	...	"
Scott, Albert Ernest ...	...	"
Swain, Henry Arthur ...	...	"
Toohey, Patrick ...	...	"
Underwood, Frederick Victor	...	"
Walker, Charles Joseph	...	"
Wyatt, Francis J. ...	...	"

\* Declared medically unfit and returned to Asylum Service,



## BRENTWOOD ASYLUM.

## TABLE of RELIGIOUS DENOMINATIONS.

Denominatioa.	Males.	Females.	Total.
Church of England ... ..	552	755	1307
Sect Unknown ... ..	10	29	39
Independents ... ..	20	47	67
Wesleyans... ..	29	35	64
Baptists ... ..	20	37	57
Roman Catholics ... ..	41	48	89
Presbyterians ... ..	4	7	11
Plymouth Brethren ... ..	2	5	7
Lutherans ... ..	3	1	4
Salvation Army ... ..	1	3	4
Peculiar People ... ..	—	1	1
Jews ... ..	5	3	8
Swedenborgian ... ..	1	—	1
Spiritist ... ..	—	1	1
Agnostic ... ..	—	1	1
Unknown ... ..	32	23	55
31st December, 1914 ... ..	720	996	1716

# BRENTWOOD ASYLUM.

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## LUNATIC ASYLUMS

Belonging to the Councils of the undermentioned County and  
Borough, viz. :—

**The Administrative County of Essex**

AND

**The Borough of Colchester.**

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## FINANCIAL STATEMENT.

The District Auditors' Act, 1879 (42 Vict. c. 6),

The Local Government Act, 1888 (51 and 52 Vict. c. 41),

and

The Lunacy Act, 1891 (54 and 55 Vic. c. 65).

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## STATEMENT

OF THE

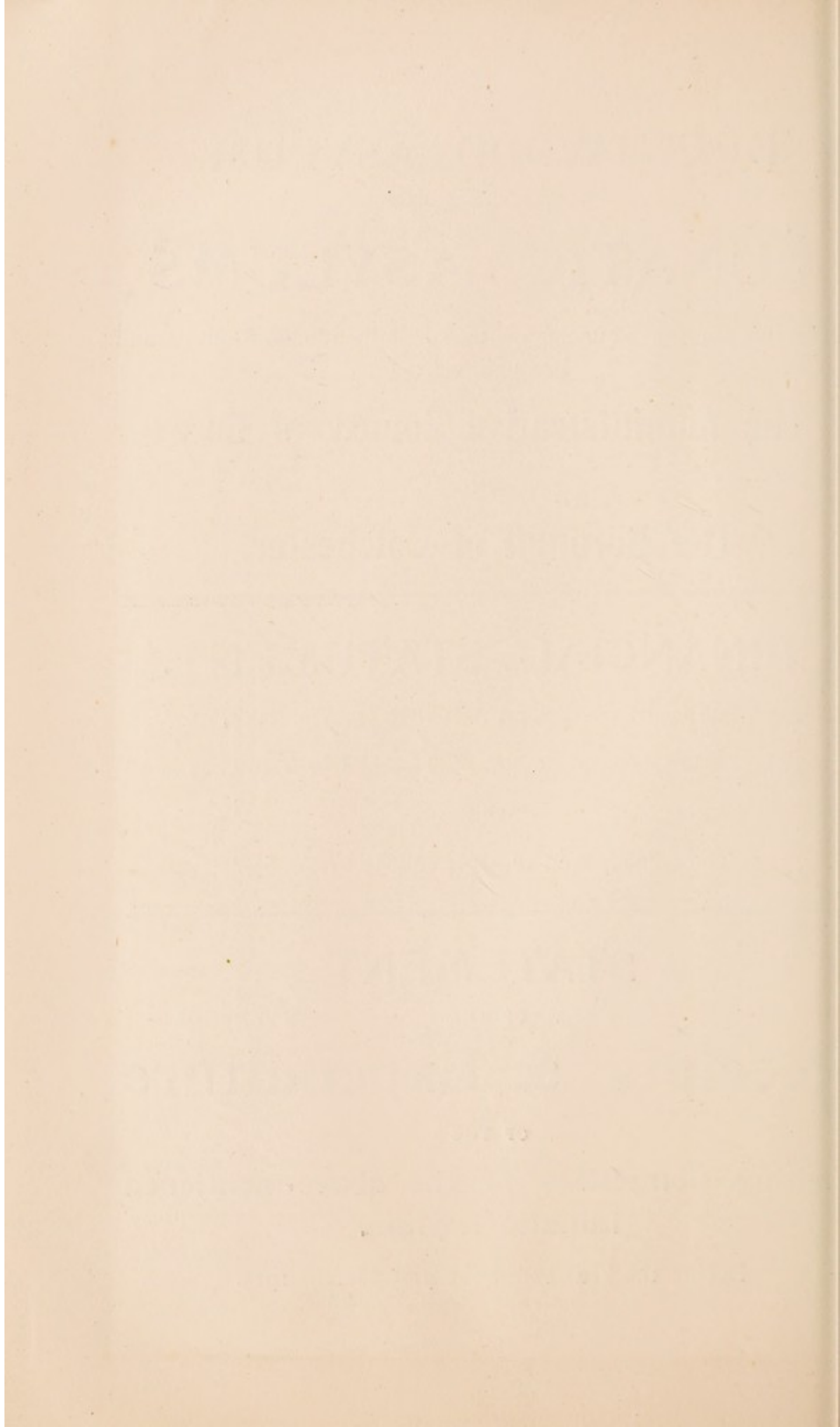
# Receipts & Expenditure

OF THE

**Visiting Committee of the above-mentioned  
Lunatic Asylum.**

During the Year ended the 31st March, 1915.





# BRENTWOOD ASYLUM.

## PART I.—MAINTENANCE ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1918.

### RECEIPTS.

	£	s.	d.	£	s.	d.	£	s.	d.
Balance in hand at the commencement of the year ... ..							4,200	0	0
Goods sold, viz.:—									
Farm and Garden Sales ... ..	945	7	11						
Kitchen Stuff and Old Stores... ..	21	13	4						
Sundries ... ..	201	11	10						
				1,168	13	1			
Sums received on account of the Maintenance of Pauper Patients:—									
From Guardians of Unions and Parishes within the Contributory County and Borough at 11/8 per head per week ... ..	48,289	0	8						
From Guardians of other Unions and Parishes at 14/- per head per week ... ..	597	6	0						
From the Treasurers of Counties and Boroughs for Patients adjudged chargeable thereto, viz.:—									
Of the Contributory County at 11/8 per head per week ... ..	307	16	8						
Of the Non-Contributory Borough of Southend-on-Sea at 16/- per head per week ... ..	47	10	10						
From the Treasurer of the Contributory County under Section 269 (9) or the Lunacy Act, 1890, in respect of accommodation at other Asylums not exceeding ¼th of the entire weekly charge ... ..	4	16	10						
From the Treasurers of other Asylums for Patients received under Contract at 16/- and 18/- per head per week ... ..	2,320	9	1						
				51,567	0	1			
Criminal Patients from Parliamentary Vote ... ..				239	18	0			
Funeral and Removal Expenses:—									
From the Guardians of Unions and Parishes... ..	82	8	0						
From Prison Commissioners ... ..	0	5	0						
From Treasurers of County and Non-Contributory Borough ... ..	3	18	0						
From Treasurers of other Asylums ... ..	6	3	0						
					92	14	0		
Other Receipts:—									
Fees for Affidavits, Copies of Reception Orders, &c. ... ..	1	11	6						
Fees for Billeting Troops ... ..	63	18	3						
Repayment of Contributions under Sec. 10 (3) of the Asylums Officers' Superannuation Act of 1909... ..	5	7	5						
Contributions from other Authorities under the Asylums Officers' Superannuation Act, 1909... ..	104	3	0						
				175	0	2			
Amount re-paid by Severalls Asylum Building Account ... ..							53,243	5	4
							637	12	0
<b>TOTAL RECEIPTS AND BALANCE ...</b>				<b>£58,080</b>	<b>17</b>	<b>4</b>			

### EXPENDITURE.

	£	s.	d.	£	s.	d.
Salaries and Wages (not including Payments for Labour appearing in the Farming and Gardening Account, nor comprised in the Building and Repairs Fund Account, viz.:—						
Officers ... ..	4,753	12	6			
Attendants and others ... ..	11,946	11	1			
				16,700	3	7
Provisions (including Malt Liquor in ordinary Diet) ... ..						15,487 0 7
Malt Liquor, Wine and Spirits (not included in ordinary Diet) ... ..						15 11 6
Farm and Garden Expenses ... ..						2,701 7 5
Clothing:—						
For Patients ... ..	2,500	5	7			
For Attendants ... ..	513	19	6			
				3,014	5	1
Necessaries (including Fuel, Lighting and Washing) ... ..						6,792 9 4
Surgery and Dispensary ... ..						594 9 7
Furniture and Bedding ... ..						1,613 2 10
Funeral Expenses ... ..						116 17 2
Transfers to the Building and Repairs Fund Account, viz.:—						
Excess of weekly charge on "Out-County" Patients... ..	757	10	11			
Excess of weekly charge on Criminal Patients ... ..	39	19	8			
				797	10	7
Rates and Taxes ... ..						2,599 0 11
Superannuation Allowances under the Superannuation Act of 1909 ... ..	834	12	7			
Contributions to other Asylum Authorities under the Superannuation Act, 1909 ... ..	15	4	5			
				849	17	0
Other Payments ( <i>See detailed List, page 36</i> ) ... ..						1,552 3 6
<b>TOTAL EXPENDITURE ...</b>				<b>52,833</b>	<b>19</b>	<b>1</b>
Balance in hand at the end of the year, viz.:—						
Treasurer ... ..	4,869	15	8			
Clerk ... ..	377	2	7			
				5,246	18	3
<b>TOTAL EXPENDITURE AND BALANCES ...</b>				<b>£58,080</b>	<b>17</b>	<b>4</b>











## AVERAGE WEEKLY COST PER HEAD

of Maintenance, Medical Care and Clothing of Patients for  
the Year ended 31st March, 1915.

Payments under the following Headings.	Amount.			Average Weekly Cost per Head.		
	£	s.	d.	s.	d.	
Salaries and Wages ...	16,700	3	7	3	9 $\frac{3}{4}$	$\frac{48220}{87344}$
Provisions ...	15,487	0	7	3	6 $\frac{1}{2}$	$\frac{19068}{87344}$
Malt, Liquor, Wine and Spirits ...	15	11	6	—		$\frac{14952}{87344}$
Farm and Garden ...	2,701	7	5	0	7 $\frac{1}{4}$	$\frac{60340}{87344}$
Clothing ...	3,014	5	1	0	8 $\frac{1}{4}$	$\frac{11332}{87344}$
Necessaries ...	6,792	9	4	1	6 $\frac{1}{2}$	$\frac{57812}{87344}$
Surgery and Dispensary ...	594	9	7	0	1 $\frac{1}{2}$	$\frac{46636}{87344}$
Furniture and Bedding ...	1,613	2	10	0	4 $\frac{1}{4}$	$\frac{63768}{87344}$
Rates and Taxes ...	2,599	0	11	0	7	$\frac{49452}{87344}$
Other Payments ...	2,402	0	6	0	6 $\frac{1}{2}$	$\frac{35000}{87344}$
	<hr/>					
	51,919	11	4	11	10 $\frac{1}{2}$	$\frac{56704}{87344}$
<i>Less</i> Farm and Garden Sales and Miscellaneous Receipts ...	1,981	5	3	0	5 $\frac{1}{4}$	$\frac{67788}{87344}$
	<hr/>					
	£49,938	6	1			
Average Weekly Cost per head ...				11	5	$\frac{76260}{87344}$

Weekly Charge for Patients from County and  
Borough to which Asylum belongs ... 11/8

Average number Resident ... 1,675

Total number of Days of Residence... 611,407



WEEKLY CHARGE PER HEAD SINCE THE  
OPENING OF THE ASYLUM.

YEAR.	QUARTER.							
	March.		June.		Sept.		Dec.	
	s.	d.	s.	d.	s.	d.	s.	d.
1853	—		—		—		11	0
1854	11	0	11	0	11	0	11	0
1855	10	0	10	0	10	0	10	0
1856	10	0	10	0	10	0	10	0
1857	10	0	10	0	10	0	10	0
1858	10	0	11	0	11	0	10	0
1859	10	0	10	0	9	6	9	6
1860	9	9	9	9	10	0	10	0
1861	11	0	11	0	11	0	11	0
1862	10	9	10	6	9	9	9	9
1863	9	9	9	9	9	6	9	5
1864	9	6	9	6	9	6	9	6
1865	9	6	9	9	9	9	9	9
1866	10	0	10	0	10	6	10	6
1867	10	6	10	6	10	6	10	6
1868	10	6	10	6	10	3	10	3
1869	10	0	10	0	10	0	9	6
1870	9	9	9	9	9	9	9	9
1871	9	9	10	0	10	0	10	0
1872	10	0	10	0	10	0	10	3
1873	10	6	10	6	10	6	11	1
1874	11	1	11	1	11	1	10	9
1875	10	9	10	9	10	9	10	9
1876	10	6	10	6	10	6	10	6
1877	10	0	10	0	10	0	10	0
1878	10	6	10	6	10	6	10	6
1879	10	6	10	6	10	6	10	6
1880	10	3	10	3	10	3	10	3
1881	10	3	10	3	10	3	10	3
1882	10	3	10	3	10	3	10	3
1883	10	0	10	0	10	0	10	0
1884	10	0	10	0	10	0	10	0
1885	10	0	10	0	10	0	10	0
1886	10	0	10	0	10	0	10	0
1887	10	0	10	0	10	0	10	0

WEEKLY CHARGE—*continued.*

YEAR.	QUARTER.								
	March.		June.		Sept.		Dec.		
	s.	d.	s.	d.	s.	d.	s.	d.	
1888	...	10	0	10	0	10	0	10	0
1889	...	9	6	9	6	9	6	9	6
1890	...	9	6	9	6	9	6	9	6
1891	...	9	6	9	6	9	6	9	6
1892	...	9	6	9	6	9	6	9	6
1893	...	9	6	9	6	9	6	9	6
1894	...	9	6	9	6	9	6	9	6
1895	...	9	6	9	6	9	6	9	6
1896	...	9	6	9	6	9	4	9	4
1897	...	9	4	9	4	9	4	9	4
1898	...	9	4	9	4	9	4	9	4
1899	...	9	4	9	4	9	4	9	4
1900	...	9	4	9	4	9	4	9	4
1901	...	9	4	9	4	9	4	9	4
1902	...	9	4	9	4	9	4	9	4
1903	...	9	11	9	11	10	6	10	6
1904	...	10	6	10	6	10	6	10	6
1905	...	10	6	10	6	10	6	10	6
1906	...	10	6	10	6	10	6	10	6
1907	...	10	6	10	6	10	6	10	6
1908	...	10	6	10	6	10	9	10	9
1909	...	10	9	10	9	10	9	10	9
1910	...	10	9	10	9	10	9	10	9
1911	...	10	9	10	9	10	9	10	9
1912	...	11	8	11	8	11	8	11	8
1913	...	11	8	11	8	11	8	11	8
1914	...	11	8	11	8	11	8	11	8
1915	...	11	8	—	—	—	—	—	—



## BRENTWOOD

## PART 2.—BUILDING AND REPAIRS FUND

## RECEIPTS.

	£	s.	d.
Balance in hand at the commencement of the year ...	3,630	0	1
Sums received from the Treasurers of the Contribu- tory County and Borough, viz. :—			
Ordinary Repairs.			
£   s.   d.			
County of Essex ...	6,055	0	0
Borough of Colchester...	258	15	6
	6,323	15	6
From other Local Authorities, viz. :—			
County Borough of West Ham—			
Proportions of Pensions refunded	327	10	3
Other Receipts :—			
Sale of Corrugated Iron Sheets ...	24	0	0
Wayleaves ...	0	16	0
Refunded under Section 94 National Insurance Act (Part 2) ...	1	15	8
Sundries ...	1	10	2
Transfers from the Maintenance Account, viz. :—			
Excess of Weekly Charge on “ Out-County Patients ” ...	757	10	11
Excess of Weekly Charge on Criminal Patients...	39	19	8
TOTAL RECEIPTS ...	7,476	18	2

TOTAL RECEIPTS AND BALANCE ... £11,106 18 3

**ASYLUM.****ACCOUNT for the Year ended 31st March, 1915.****EXPENDITURE.**

	£	s.	d.	£	s.	d.
Sums paid on Account of:—						
Ordinary Repairs ... ..				3,719	4	4
Additions, Alterations and Improve- ments under £400 ... ..				323	2	4
New Buildings and Extraordinary Outlay, viz:—						
Installing Electric Light at Harold Court ... ..	140	17	6			
Removing and Re-erecting Iron Building F. B. 15 as Work- shops ... ..	243	5	0			
Taking down Iron Building M 1	95	0	0			
Glazing Roofs of Verandahs of F. B. 14 F. 1 Wards ... ..	145	6	3			
Rotary Washing Machine ... ..	77	0	0			
Steam Disinfecter... ..	187	0	0			
Installing Electric Light in Workshops (on account) ... ..	120	0	0			
				1,008	8	9
Payments to other Local Authorities:—						
Brentwood Urban District Council (Reception of Sewage) ... ..				50	0	0
Ditto, Maintenance of Fire Alarm ... ..				8	0	0
Walthamstow Urban District Council Mainte- nance of Fire Alarm ... ..				0	1	0
Other Payments:—						
Insurance ... ..				126	9	11
Water Rent ... ..				1	0	0
Employers' Contributions under the National Insurance Act ... ..				12	10	5
Pensions ... ..				2,067	1	1
Wayleave ... ..				0	4	0
<b>TOTAL EXPENDITURE</b> ... ..				<b>7,316</b>	<b>1</b>	<b>10</b>
Balance in hand at the end of the year ... ..				3,790	16	5
<b>TOTAL OF EXPENDITURE AND BALANCE</b> ... ..				<b>£11,106</b>	<b>18</b>	<b>3</b>



## BRENTWOOD

## SUMMARY OF RECEIPTS IN PARTS 1 &amp; 2.

## RECEIPTS.

			£	s.	d.
Maintenance Account	...	...	53,880	17	4
Building and Repairs Fund Account	...	...	7,476	18	2
			<hr/>		
			61,357	15	6
Less Transfers from the Maintenance Account to the Building and Repairs Fund Account, and <i>vice versa</i>	...	...	797	10	7
			<hr/>		
TOTAL RECEIPTS	...	...	£60,560	4	11
			<hr/> <hr/>		

## SUMMARY OF

			£	s.	d.
Dr.					
Cash in hand—Treasurer	...	...	8,660	12	1
„ Clerk	...	...	377	2	7
			<hr/>		
			£9,037	14	8
			<hr/> <hr/>		

# ASYLUM.

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## SUMMARY OF EXPENDITURE IN PARTS 1 & 2.

### EXPENDITURE.

	£	s.	d.
Maintenance Account ... ..	52,833	19	1
Building and Repairs Fund Account ... ..	7,316	1	10
	60,150	0	11
Less Transfers from the Maintenance Account to the Building and Repairs Fund Account, and <i>vice versa</i> ... ..		797	10 7
TOTAL EXPENDITURE ... ..	£59,352	10	4

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### BALANCES.

Cr.	£	s.	d.
Maintenance Account (page 35) ... ..	5,246	18	3
Building Account (page 41) ... ..	3,790	16	5
	£9,037	14	8



## BRENTWOOD

## PART 3.—FARMING AND GARDENING

## RECEIPTS.

	£	s.	d.	£	s.	d.
Sums received during the year from						
Sales ... ..				940	16	9
Other Receipts ... ..				4	11	2
Value of Goods supplied to the Asylum during the year, viz. :—						
Pork (9,026 lbs. at 8d. lb.) ...	300	17	4			
Milk (35,552 $\frac{3}{4}$ gallons at 9 $\frac{3}{4}$ d. per gallon) ... ..	1,444	6	7			
Potatoes... ..	477	10	11			
Vegetables ... ..	731	16	4			
Pigs' Heads, &c. ... ..	4	17	0			
				<u>2,959</u>	<u>8</u>	<u>2</u>
TOTAL RECEIPTS ... ..				3,904	16	1
Value of Stock at the end of the year (Valuation by S. W. Robinson and R. Stroud, Esqrs.) ...				2,466	8	6
TOTAL ... ..				<u>£6,371</u>	<u>4</u>	<u>7</u>

## ASYLUM.

## ACCOUNT for the Year ended 31st March, 1915.

## EXPENDITURE.

	£	s.	d.	£	s.	d.
Value of Stock at the commencement of the year ... ..				2,527	5	0
Sums paid during the year in respect of—						
Labour (not that of Patients) ...	596	15	8			
Provender ... ..	1,139	6	0			
Seeds and Manures ... ..	147	4	8			
Stock, Live and Dead (bought) ...	452	12	6			
Other Payments :—						
Straw ... ..	163	5	0			
Farm Sundries ... ..	81	7	11			
Insurance ... ..	6	5	4			
Rates ... ..	36	11	5			
Tithe Rent-Charge ... ..	41	12	3			
Carriage ... ..	36	6	8			
TOTAL EXPENDITURE ... ..				2,701	7	5
Balance in favour of Farm ... ..				1,142	12	2
TOTAL ... ..				<u>£6,371</u>	<u>4</u>	<u>7</u>



## BRENTWOOD

## ASSETS AND LIABILITIES for

	£	s.	d.	£	s.	d.
To Balance at Bank in favour of Treasurer and Clerk ...				9,037	14	8
„ Amounts due for Maintenance, &c., of Pauper Patients from Essex Unions ... ..	11,824	5	0			
„ Pauper Patients from County Treasurer ... ..	67	10	0			
„ Pauper Patients from other Unions and Parishes ...	199	10	0			
„ Criminal Lunatics ... ..	50	18	0			
„ Pauper Patients under Contract...	1,196	9	5			
„ Non-Contributory Borough ...	11	4	0			
„ Amounts due from County and Borough Treasurers in respect of:—						
Buildings and Repairs ...	1,984	10	9			
Additions, Alterations and Improvements ...	323	2	4			
New Building and Extra- ordinary Outlay ...	1,008	8	9			
				<u>16,665</u>	<u>18</u>	<u>38</u>
TOTAL ... ..				<u>£25,703</u>	<u>12</u>	<u>11</u>

# ASYLUM.

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the year ended 31st March, 1915.

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	£	s.	d.
By Amounts due to Tradesmen :—			
Maintenance Account ... ..	6,841	16	4

Balance in favour of Asylum ... ..	18,861	16	7
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TOTAL .. ..	<u>£25,703</u>	<u>12</u>	<u>11</u>
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W. H. ROSCOE,  
Clerk of the Asylum.





# BRENTWOOD ASYLUM.

## THE ESTABLISHMENT, Dec. 31, 1914.

<b>OFFICERS.</b>	<i>per annum.</i>			<i>Length of Service.</i>		
	<i>£</i>	<i>s.</i>	<i>d.</i>	<i>Yrs.</i>	<i>Mos.</i>	
Medical Superintendent ..	950	0	0	30	6	} Apartments, Coals, Gas, Vegetables, and Washing
Senior Assistant Medical Officer ..	462	0	0	20	9	} Furnished Apartments, Attendance, and Part Washing.
Assistant Medical Officer ..	276	17	0	18	6	} Furnished Apartments, Board, Attendance, and Washing.
Assistant Medical Officer ..	240	0	0	10		} Furnished Apartments, Board, Attendance, and Washing.
Chaplain ..	300	0	0			Non-Resident.
Clerk to the Visitors ..	162	10	0			Non-Resident.
Clerk of the Asylum ..	382	0	0	26	0	} Non-Resident.
Stores Auditor ..	25	0	0			} Tea daily.
Storekeeper ..	259	0	0	25	8	} Board, Washing, and Attendance.
„ as Organist ..	25	0	0			
Inspector ..	144	12	0	16	3	} House, Coals, Gas, and Uniform.
Matron ..	145	0	0	5	5	} Furnished Apartments, Board, Attendance, Washing, and Uniform.
Assistant Matron ..	78	8	0	7	9	} Furnished Apartments, Board, Attendance, Washing, and Uniform.
Clerk of Works & Engineer ..	205	8	0	15	3	} House, Coals, and Gas
Senior Assistant Clerk ..	110	0	0	2	2	} Dinner and Tea daily.
Assistant Clerk ..	92	15	0	16	9	} Dinner and Tea daily.
Assistant Clerk ..	46	0	0	1	6	} Dinner and Tea daily.
Dispenser ..	162	16	0	7	1	Non-Resident.



## The Establishment—continued.

### Male Attendants and Servants.

	<i>per annum.</i>			
	£	s.	d.	
One Head Night Attendant ..	121	9	0	Washing and Uniform.
One Gate Keeper Head Attendant ..	84	2	0	} Cottage, Coals, Gas and Uniform.
§One Head Day Attendant ..	67	9	0	
One Deputy Head Attendant ..	56	11	0	} Board, Washing & Uniform.
*†One Mortuary and Chapel Attendant ..	56	13	0	
†One Head Farm Attendant ..	56	2	0	} Board, Washing & Uniform.
†Two Attendants ..	52	11	0	
†One Attendant ..	52	9	0	
†One Attendant ..	52	3	0	
†Two Attendants ..	52	2	0	
*†One Attendant ..	52	2	0	Washing and Uniform.
†Two Attendants ..	52	1	0	} Board, Washing & Uniform.
†One Attendant ..	51	1	0	
†One Attendant ..	50	0	0	
One Attendant ..	49	10	0	} Board, Lodging, Washing, and Uniform.
One Attendant ..	48	0	0	
One Attendant ..	47	10	0	
†One Attendant ..	46	0	0	Board, Washing & Uniform.
One Attendant ..	46	0	0	} Board, Lodging, Washing, and Uniform.
†One Attendant ..	45	18	0	
†One Attendant ..	45	8	0	} Board, Washing & Uniform.
†One Attendant ..	45	7	0	
Two Attendants ..	45	0	0	} Board, Lodging, Washing, and Uniform.
†One Attendant ..	44	18	0	
†Two Attendants ..	43	0	0	Board, Washing & Uniform.
One Attendant ..	41	11	0	} Board, Lodging, Washing, and Uniform.
One Attendant ..	41	10	0	
One Attendant ..	40	17	0	
One Attendant ..	40	10	0	
†One Attendant ..	39	0	0	Board, Washing & Uniform.
Two Attendants ..	39	0	0	} Board, Lodging, Washing, and Uniform.
Six Attendants ..	38	0	0	
††One Night Attendant ..	52	2	0	} Uniform, Washing, and and Partial Board.
††One Night Attendant ..	52	0	0	
††One Night Attendant ..	51	11	0	
††One Night Attendant ..	51	2	0	
††One Night Attendant ..	50	0	0	
††Three Night Attendants..	49	0	0	
††One Night Attendant ..	47	0	0	

\*An allowance of 10s. 6d. per week in lieu of Board.

†	..	5s.	..	..	Lodgings.
†	..	9s.	..	..	part Board.
§	..	3s.	..	..	Lodgings.
§	..	£20 per annum	..	..	Lodgings.

## The Establishment—continued.

### Male Attendants and Servants—continued.

		<i>per annum.</i>			
		£	s.	d.	
One Attendant and Wife (Cook)	..	55	5	0	} Board, Lodging, Washing and Uniform.
One Attendant and Wife	..	61	7	0	
*†One Hall Porter	..	54	14	0	Washing and Uniform.
†One Hall Porter	..	54	11	0	Board, Washing & Uniform.
One Hall Porter	..	46	0	0	} Board, Lodging, Washing, and Uniform.
†One Dining Hall Attendant	..	50	0	0	
One Assistant Storekeeper	..	102	10	0	Non-Resident.
One Assistant Storekeeper	..	58	16	0	Board.
One Cook	..	74	2	0	} Board, Cook's Uniform and and washing of same.
One Cook	..	62	2	0	
†One Cook	..	42	2	0	
One Carver	..	42	12	0	
§One Sculleryman	..	25	0	0	
§One Stoker's Messman	..	16	0	0	Board, Lodging & Washing.
Assistant Engineer	..	1	17	1	<i>per week.</i> Cottage, Coals and Gas.
Two Carpenters	..	1	10	0	} Non-resident.
One Bricklayer	..	1	13	0	
One Bricklayer	..	1	11	0	
One Painter	..	1	12	0	
One Painter	..	1	8	0	
One Gas Fitter	..	1	10	0	
One Fitter	..	1	10	0	} Cottage, Coals, Gas and Uniform.
One Fireman..	..	1	14	6	
One Assistant Fireman	..	1	5	9	Apartments, Coals, Gas and Uniform.
One Plumber..	..	1	12	0	} Non-resident.
One Sweep	..	1	4	0	
One Hammerman	..	1	2	0	
One Boiler Cleaner	..	1	6	0	
One Stoker	..	1	5	0	
Two Stokers	..	1	3	6	
One Upholsterer	..	1	9	0	
One Upholsterer	..	1	7	0	
One Tailor	..	1	14	0	
One Tailor	..	1	8	0	
One Tailor	..	1	6	0	
One Tailor	..	1	5	0	
One Shoemaker	..	1	7	0	
One Shoemaker	..	1	4	0	
Two Gardeners	..	1	5	0	

\*An allowance of 10s. 6d. per week in lieu of Board.

†	..	5s.	..	..	Lodgings.
†	..	9s.	..	..	part Board.
§	..	3s.	..	..	Lodgings.
§	..	£20 per annum	..	..	Lodgings.



## The Establishment—*continued.*

### Male Attendants and Servants—*continued.*

		<i>per annum.</i>			
		£	s.	d.	
One Assistant Gardener ..	..	18	0	0	Board, Lodging, Washing and Uniform.
		<i>per week.</i>			
One Engine Driver ..	..	1	10	6	} Non-resident.
Two Engine Drivers ..	..	1	8	0	
One Engine Driver ..	..	1	7	0	
One Bookbinder ..	..	1	10	0	
One Ward Washer ..	..	1	8	0	Uniform.
One Ward Washer ..	..	1	7	0	} Non-resident.
One Tinman ..	..	1	11	0	
One Baker ..	..	1	12	0	
One Baker ..	..	1	3	0	
One Carman ..	..	1	2	0	
One Carman ..	..	1	0	0	
One Farm Bailiff ..	..	1	3	0	Cottage, Coals, Gas, Washing, Vegetables and Milk.
One Cowman..	..	1	7	0	} Non-resident,
One Cowman..	..	1	5	0	
One Ploughman ..	..	1	2	0	
One Pigman ..	..	1	4	0	
One Labourer ..	..	1	5	0	
One Labourer ..	..	1	1	0	

### Nurses and Servants.

		<i>per annum.</i>			
One Head Nurse ..	..	47	0	0	} Board, Lodging, Washing and Uniform.
Three Head Nurses ..	..	45	0	0	
One Nurse ..	..	39	13	0	
Five Nurses ..	..	38	0	0	
One Nurse ..	..	37	13	0	
One Nurse ..	..	37	10	0	
One Nurse ..	..	37	4	0	
One Nurse ..	..	37	2	0	
Ten Nurses ..	..	36	0	0	
One Nurse ..	..	31	2	0	
One Nurse ..	..	30	0	0	
One Nurse ..	..	29	1	0	
Three Nurses..	..	29	0	0	
Two Nurses ..	..	28	0	0	
Twenty-five Nurses ..	..	27	0	0	
One Nurse ..	..	24	0	0	
Fifteen Nurses ..	..	23	0	0	
Ten Nurses ..	..	22	0	0	
Thirteen Nurses ..	..	21	0	0	
One Head Night Nurse ..	..	45	0	0	
One Night Nurse ..	..	40	0	0	
One Night Nurse ..	..	37	14	0	
Four Night Nurses ..	..	36	0	0	
One Night Nurse ..	..	32	0	0	
Three Night Nurses ..	..	31	0	0	
Four Night Nurses ..	..	27	0	0	

**The Establishment—continued.****Nurses and Servants—continued.**

		<i>per week.</i>			
		£	s.	d.	
Two Night Nurses	.. ..	1	1	6	Partial Board.
<i>per annum.</i>					
One Needle Mistress	.. ..	45	0	0	Board, Lodging, Washing and Uniform.
One Head Laundress	.. ..	48	0	0	
One Laundress	.. ..	30	0	0	
One Laundress	.. ..	27	0	0	
Three Laundresses	.. ..	25	0	0	
Two Laundresses	.. ..	24	0	0	
Five Laundresses	.. ..	23	0	0	
<i>per week.</i>					
Three Laundresses	.. ..	0	15	0	Non-resident.
<i>per annum.</i>					
One Messroom Maid	.. ..	36	0	0	Board, Lodging, Washing and Uniform.
One Messroom Maid	.. ..	29	0	0	
Two Messroom Maids	.. ..	27	0	0	
One Housemaid	.. ..	25	0	0	
Two Housemaids	.. ..	24	0	0	
One Housemaid	.. ..	23	0	0	
Three Housemaids	.. ..	20	0	0	

**Harold Court, Harold Wood (for 73 Males).**

		<i>per annum.</i>			
Medical Officer	.. ..	80	0	0	Non-Resident.
Head Attendant and Wife (Cook)	.. ..	69	9	0	Board, Lodging, Washing, and Uniform.
One Attendant	.. ..	45	10	0	
One Attendant	.. ..	39	17	0	
One Attendant	.. ..	38	0	0	
<i>per week.</i>					
One Farm Foreman	.. ..	1	1	0	Cottage, Coals, Vegetables, and Light.
One Labourer	.. ..	0	18	0	Non-Resident.

**The Chestnuts, Hoe Street, Walthamstow (for 64 Females).**

		<i>per annum.</i>			
Medical Officer	.. ..	60	0	0	Non-Resident.
Gardener and Wife (Cook)	.. ..	61	4	0	Board, Lodging, Washing, and Uniform.
One Nurse	.. ..	36	0	0	
One Nurse	.. ..	29	0	0	
One Nurse	.. ..	23	0	0	

All Attendants and Nurses on obtaining the Preliminary Certificate of the Medico-Psychological Association receive £1 per annum, and on passing the Final Examination an extra £2 per annum additional pay.

Fourteen Male Attendants, comprising the Fire Brigade, each receive £2 per annum additional pay.



# BRENTWOOD ASYLUM.

## TABLE A I.

GENERAL TABLE, showing the movement of the Asylum  
Population during the year 1914.

	CERTIFIED PATIENTS.					
	M.	F.	T.	M.	F.	T.
On the Asylum Registers January 1st, 1914.. ..	683	1038	1721			
Total cases admitted during the year	333	309	642			
Total Cases under treatment during the year .. ..				1016	1347	2363
Cases discharged or transferred during the year:—						
Recovered .. ..	57	38	95			
Relieved .. ..	20	63	83			
Not improved .. ..	81	69	150			
Died during the year .. ..	138	181	319			
Total cases discharged, transferred, and died during the year ..				296	351	647
On the Asylum Registers December 31st, 1914 .. ..				720	996	1716
Average daily number on the Registers during the year ..				684	989	1673

CERTIFIED PERSONS (*i.e.*, separate persons in contradistinction to "cases" which may include the same individual more than once.)

	M.	F.	T.
Certified under care during the year	1012	1345	2357
,, admitted .. ..	332	308	640
,, recovered .. ..	57	38	95





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Chapter XX	200
Chapter XXI	210
Chapter XXII	220
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Chapter XXIV	240
Chapter XXV	250
Chapter XXVI	260
Chapter XXVII	270
Chapter XXVIII	280
Chapter XXIX	290
Chapter XXX	300
Chapter XXXI	310
Chapter XXXII	320
Chapter XXXIII	330
Chapter XXXIV	340
Chapter XXXV	350
Chapter XXXVI	360
Chapter XXXVII	370
Chapter XXXVIII	380
Chapter XXXIX	390
Chapter XL	400
Chapter XLI	410
Chapter XLII	420
Chapter XLIII	430
Chapter XLIV	440
Chapter XLV	450
Chapter XLVI	460
Chapter XLVII	470
Chapter XLVIII	480
Chapter XLIX	490
Chapter L	500

# BRENTWOOD ASYLUM.

## TABLE B I.

Analysis of the Admissions during the year 1914 (excluding Voluntary Boarders.)

Classes of Admissions.	Congenital.			Acquired.						TOTAL.					
	M.	F.	T.	First attack.			Not first attack.			Unknown whether first attack or not.					
				M.	F.	T.	M.	F.	T.	M.	F.	T.			
Direct ..	36	25	61	160	176	336	38	57	95	7	..	7	241	258	499
Indirect { Transfers .. Statutory re- admissions..	9	3	12	59	40	99	11	8	19	13	..	13	92	51	143
Total admissions ..	45	28	73	219	216	435	49	65	114	20	..	20	333	309	642





TABLE B 2.

Showing the Duration of the present attack of Mental Disorder on Admission in the Direct Admissions during the year 1914, and stating (in those not congenital) whether First Attack or not (Voluntary Boarders excluded.)

Duration of Mental Disorder prior to Admission.	DIRECT ADMISSIONS.											
	First attack.			Not first attack.			Unknown whether first attack or not.			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Less than 2 weeks	31	18	49	13	9	22	4	..	4	48	27	75
2 weeks and less than 1 month	17	6	23	7	4	11	1	..	1	25	10	35
1 month	39	17	56	5	19	24	..	..	..	44	36	80
3 months	27	26	53	3	11	14	..	..	..	30	37	67
6	16	18	34	8	2	10	..	..	..	24	20	44
9	2	6	8	1	..	1	..	..	..	3	6	9
12	12	19	31	..	3	3	..	..	..	12	22	34
18	2	2	4	..	..	..	..	..	..	2	2	4
2 years	3	15	18	1	4	5	..	..	..	4	19	23
3	7	21	28	..	3	3	..	..	..	7	24	31
5	1	16	17	..	2	2	..	..	..	1	18	19
10	..	6	6	..	..	..	..	..	..	..	6	6
15	..	2	2	..	..	..	..	..	..	..	2	2
20	..	1	1	..	..	..	..	..	..	..	1	1
25	..	1	1	..	..	..	..	..	..	..	1	1
30	..	1	1	..	..	..	..	..	..	..	1	1
35	..	1	1	..	..	..	..	..	..	..	1	1
40	..	..	..	..	..	..	..	..	..	..	..	..
Duration unknown	3	1	4	..	..	..	2	..	2	5	1	6
Congenital cases	..	..	..	..	..	..	..	..	..	36	25	61
Totals	160	176	336	38	57	95	7	..	7	241	258	499



Year	Month	Day	Time	Location	Remarks
1880	Jan	1	10:00	St. Paul	Arrived from St. Paul
1880	Jan	2	10:00	St. Paul	Left for St. Paul
1880	Jan	3	10:00	St. Paul	Arrived from St. Paul
1880	Jan	4	10:00	St. Paul	Left for St. Paul
1880	Jan	5	10:00	St. Paul	Arrived from St. Paul
1880	Jan	6	10:00	St. Paul	Left for St. Paul
1880	Jan	7	10:00	St. Paul	Arrived from St. Paul
1880	Jan	8	10:00	St. Paul	Left for St. Paul
1880	Jan	9	10:00	St. Paul	Arrived from St. Paul
1880	Jan	10	10:00	St. Paul	Left for St. Paul
1880	Jan	11	10:00	St. Paul	Arrived from St. Paul
1880	Jan	12	10:00	St. Paul	Left for St. Paul
1880	Jan	13	10:00	St. Paul	Arrived from St. Paul
1880	Jan	14	10:00	St. Paul	Left for St. Paul
1880	Jan	15	10:00	St. Paul	Arrived from St. Paul
1880	Jan	16	10:00	St. Paul	Left for St. Paul
1880	Jan	17	10:00	St. Paul	Arrived from St. Paul
1880	Jan	18	10:00	St. Paul	Left for St. Paul
1880	Jan	19	10:00	St. Paul	Arrived from St. Paul
1880	Jan	20	10:00	St. Paul	Left for St. Paul
1880	Jan	21	10:00	St. Paul	Arrived from St. Paul
1880	Jan	22	10:00	St. Paul	Left for St. Paul
1880	Jan	23	10:00	St. Paul	Arrived from St. Paul
1880	Jan	24	10:00	St. Paul	Left for St. Paul
1880	Jan	25	10:00	St. Paul	Arrived from St. Paul
1880	Jan	26	10:00	St. Paul	Left for St. Paul
1880	Jan	27	10:00	St. Paul	Arrived from St. Paul
1880	Jan	28	10:00	St. Paul	Left for St. Paul
1880	Jan	29	10:00	St. Paul	Arrived from St. Paul
1880	Jan	30	10:00	St. Paul	Left for St. Paul
1880	Jan	31	10:00	St. Paul	Arrived from St. Paul







TABLE B 5.

Showing the Form of Mental Disorder on admission in the Direct Admissions and Transfers during the year 1914. (Voluntary Boarders excluded.)

Forms of Mental Disorder	Direct admissions.			Transfers.			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
	1. Intellectual { <i>a.</i> With epilepsy .. { <i>b.</i> Without epilepsy ..	7 27	3 21	10 48	.. 9	3 ..	3 9	7 36	6 21
2. Moral .. .. .	2	1	3	..	..	..	2	1	3
1. Insanity with epilepsy .. .. .	6	3	9	1	..	1	7	3	10
2. General paralysis of the insane .. .. .	28	5	33	1	..	1	29	5	34
3. Insanity with grosser brain lesions .. .. .	13	6	19	..	1	1	13	7	20
4. Acute delirium .. .. .	1	5	6	..	..	..	1	5	6
5. Confusional insanity .. .. .	27	16	43	2	..	2	29	16	45
6. Stupor .. .. .	..	6	6	..	..	..	..	6	6
7. Primary dementia .. .. .	36	29	65	10	10	20	46	39	85
8. Mania { <i>a.</i> Recent .. .. . { <i>b.</i> Chronic .. .. . { <i>c.</i> Recurrent .. .. .	15 1 1	23 1 15	38 2 16	.. 14 ..	.. .. 1	.. 14 1	15 15 1	23 1 16	38 16 17
9. Melancholia { <i>a.</i> Recent .. .. . { <i>b.</i> Chronic .. .. . { <i>c.</i> Recurrent .. .. .	34 4 ..	24 6 14	58 10 14	.. 5 ..	4 .. 1	4 5 1	34 9 ..	28 6 15	62 15 15
10. Alternating insanity .. .. .	..	4	4	..	..	..	..	4	4
11. Delusional insanity { <i>a.</i> Systematised .. .. . { <i>b.</i> Non-systematised .. .. .	15 1	16 20	31 21	14 1	12 2	26 3	29 2	28 22	57 24
12. Volitional insanity { <i>a.</i> Impulse .. .. . { <i>b.</i> Obsession .. .. . { <i>c.</i> Doubt .. .. .	..	..	..	..	..	..	..	..	..
13. Moral insanity .. .. .	..	..	..	1	..	1	1	..	1
14. Dementia { <i>a.</i> Senile .. .. . { <i>b.</i> Secondary .. .. .	15 8	30 10	45 18	4 30	3 14	7 44	19 38	33 24	52 62
Totals .. .. .	241	258	499	92	51	143	333	309	642

Congenital or infantile mental deficiency (idiotcy or imbecility) occurring as early in life as it can be observed.

Insanity occurring later in life.







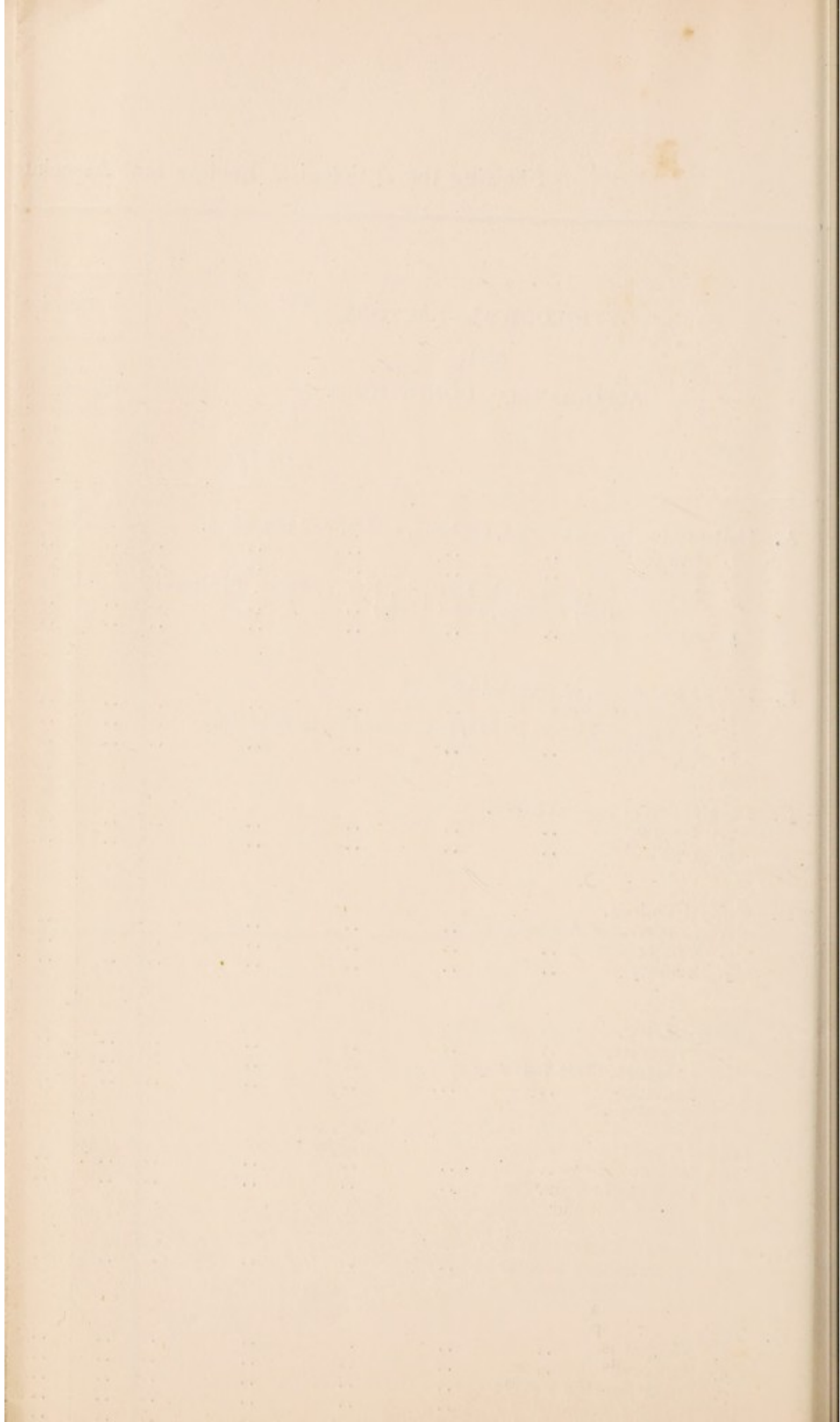


Office of the Government of the District of Columbia  
General Accounting Office

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# BRENTWOOD ASYLUM.

## TABLE C 1.

An Analysis of the Discharges and Transfers during the year 1914. (Voluntary Boarders excluded.)

	M.			F.			T.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Discharged as Recovered—									
From Direct Admissions.									
First-Attack Cases .. .. .	36	21	57	..	..	..	..	..	..
Not First-Attack Cases .. .. .	14	15	29	..	..	..	..	..	..
Cases unknown whether First Attack or not ..	6	1	7	..	..	..	..	..	..
Total from Direct Admissions .. .. .	..	..	..	56	37	93	..	..	..
From Transfers.									
First-Attack Cases .. .. .	..	..	..	..	..	..	..	..	..
Not First-Attack Cases .. .. .	..	1	1	..	..	..	..	..	..
Cases unknown whether First Attack or not ..	1	..	1	..	..	..	..	..	..
Total from Transfers .. .. .	..	..	..	1	1	2	..	..	..
Total Discharged as Recovered .. .. .	..	..	..	57	38	95	..	..	..
				RELIEVED.			NOT IMPROVED.		
Discharged (not recovered) as—									
Relieved .. .. .	20	59	79	20	59	79	..	..	..
Not Improved.. .. .	4	1	5	..	..	..	4	1	5
Total .. .. .	24	60	84						
Reasons for such Discharge—									
To go to care of friends .. .. .	16	59	75	..	..	..	..	..	..
" workhouse .. .. .	5	1	6	..	..	..	..	..	..
" metropolitan asylum (England) .. .. .	..	..	..	..	..	..	..	..	..
Statutory, by irregularity in Reception Order ..	..	..	..	..	..	..	..	..	..
" by lapsing of " " " .. .. .	..	..	..	..	..	..	..	..	..
Other reasons—Escaped .. .. .	3	..	3	..	..	..	..	..	..
To Pauper Class from Criminal .. .. .	..	..	..	..	..	..	..	..	..
Total .. .. .	24	60	84						
Transferred as—									
Relieved .. .. .	..	4	4	..	4	4	..	..	..
Not Improved.. .. .	77	68	145	..	..	..	77	68	145
Total .. .. .	77	72	149						
Destinations of such Transfers—									
To other asylums, reg. hospitals, and licensed houses ..	77	72	149	..	..	..	..	..	..
To "single care" .. .. .	..	..	..	..	..	..	..	..	..
Other destination .. .. .	..	..	..	..	..	..	..	..	..
Total .. .. .	77	72	149						
Total Discharged and Transferred as—									
Relieved .. .. .	..	..	..	20	63	83	..	..	..
Not Improved .. .. .	..	..	..	..	..	..	81	69	150





# BRENTWOOD ASYLUM.

TABLE C 2.

Showing in the Total Cases Discharged Recovered during the year 1914 the ages in Quinquennial Periods—(a) On Recovery, and (b) at the Commencement of the Recent Attack of Mental Disorder, arranged according to the Total Length of such Attack. (Voluntary Boarders excluded.)

AGE PERIODS	Less than 10.		10—14.		15—19.		20—24.		25—29.		30—34.		35—39.		40—44.		45—49.		50—54.		55—59.		60—64.		65—69.		70—74.		75—79. Greater ages in quinquennia.		Age unknown		Total.						
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.				
AGE ON RECOVERY ..	..	..	..	..	3	..	3	3	6	5	9	8	5	5	5	7	9	2	7	4	4	4	2	5	..	1	1	..	..	..	..	1	..	..	..	..	57	38	95
Total Length of this Attack of Mental Disorder.		AGE AT COMMENCEMENT OF RECENT ATTACK OF MENTAL DISORDER.																																					
Less than 1 month ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1		
1 month and less than 3 months ..	..	..	..	..	..	..	..	..	1	..	1	3	1	2	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	4	13
3 months ..	6	..	..	..	2	..	2	1	2	3	2	4	1	3	..	3	1	1	1	..	2	1	2	..	1	1	..	..	..	1	..	..	..	..	16	18	34		
6 ..	9	..	..	..	..	..	1	..	..	1	..	1	..	1	2	1	3	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	8	5	13		
9 ..	12	..	..	..	..	..	..	..	2	..	1	1	..	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	7		
12 ..	18	..	..	..	..	..	1	..	1	..	3	1	..	..	2	..	..	1	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	8	6	14		
18 ..	2 years	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3		
2 years ..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1		
3 ..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4		
5 ..	10	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	5		
10 ..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
<i>Longer periods specified in quinquennia</i> ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Duration unknown ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Totals ..	..	..	..	..	3	..	3	3	6	5	9	8	5	5	5	7	9	2	7	4	4	4	2	5	..	1	1	..	..	..	..	1	..	..	..	..	57	38	95

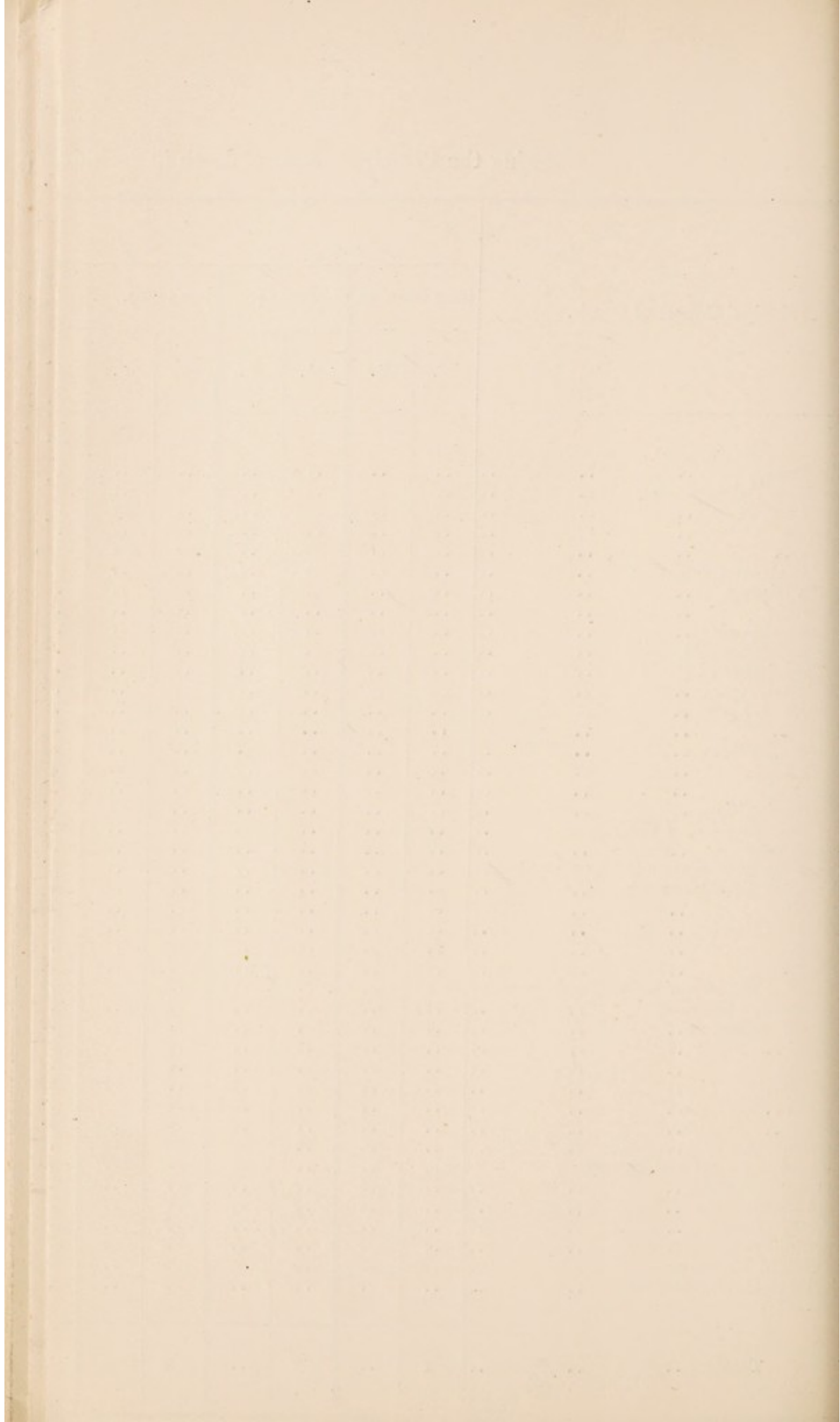


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Chapter XXI	210
Chapter XXII	220
Chapter XXIII	230
Chapter XXIV	240
Chapter XXV	250
Chapter XXVI	260
Chapter XXVII	270
Chapter XXVIII	280
Chapter XXIX	290
Chapter XXX	300
Chapter XXXI	310
Chapter XXXII	320
Chapter XXXIII	330
Chapter XXXIV	340
Chapter XXXV	350
Chapter XXXVI	360
Chapter XXXVII	370
Chapter XXXVIII	380
Chapter XXXIX	390
Chapter XL	400
Chapter XLI	410
Chapter XLII	420
Chapter XLIII	430
Chapter XLIV	440
Chapter XLV	450
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# REPORT

OF THE

CLINICO - PATHOLOGICAL

AND

PATHOLOGICAL WORK

CARRIED OUT BY THE

Medical Staff at Brentwood during 1914.

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REPORT

CLINICO-PATHOLOGICAL

PATHOLOGICAL WORK

Published by the University of Toronto Press, 1914

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# BRENTWOOD ASYLUM.

## REPORT

OF

### Clinico-Pathological & Pathological Work

Carried out by the

Medical Staff at Brentwood during 1914.

#### EXAMINATION OF THE CEREBRO-SPINAL FLUID AND BLOOD.

During the year the cerebro-spinal fluid of 18 males and 12 females was examined

- (a) by the Ross-Jones Ammonium Sulphate Test;
- (b) for lymphocytosis.

For the Wassermann tests I am indebted to Dr. Mott, Pathologist to the London County Asylum, and his assistant, Mr. S. Mann.

Latterly, when the protein reaction (Ross-Jones) was positive in the undiluted state, the test was repeated with diluted fluid. The three columns in the table under the Ross-Jones heading correspond 1, 2, and 3 respectively to full-strength fluid, fluid diluted with equal bulk of water, and fluid diluted with twice its bulk of water.\*

Seven of the males and 6 of the females suspected of suffering from general paralysis all gave a positive result to the tests. Of these 2 males and 2 females died, and the diagnosis was confirmed histologically in all of them.

Certain of the cases punctured in 1913 and 1912 may be commented on :

No. 2, 1913, was discharged 21st May, 1913; he was diagnosed as cerebral syphilis; he remains out.

No. 3, 1913, died 19th December, 1914, and the histological examination confirmed the diagnosis made from examination of the spinal fluid.

\*Footnote.—When the result is placed in the centre column of table it indicates that only full strength (undiluted) fluid was tested.



No. 7, 1913, remains here, and shows no definite appearance of general paralysis. This man gave a negative protein reaction and no lymphocytosis, but, a positive Wassermann in both blood and fluid.

No. 9, 1913, who gave positive results to all the tests, cleared up sufficiently to be discharged 2nd March, 1914, and he still remains out.

No. 11, 1913, who gave positive results to the tests, died, and the histological findings confirmed the diagnosis.

Nos. 12 and 13 are still here.

#### FEMALES.

R. J. B., who was punctured three times, viz., 29th April, 1912, 5th May, 1912, and 16th October, 1912, and whose fluid gave a slight lymphocytosis on two occasions, viz., 7.0 and 15.4 per c.m.m., but whose protein reaction and Wassermann in blood and spinal fluid were all negative, died in 1914. The histological examination showed no evidence of general paralysis; she was a case of organic brain disease, but clinically strongly resembled a general paralytic.

No. 22, of last year's table, a case of supposed general paralysis, is still alive.

No. 23, died 19th February, 1914, and histologically there were no signs of general paralysis; the findings were in accordance with the diagnosis of dementia præcox.

No. 24 was discharged to the care of her friends 16th March, 1914.

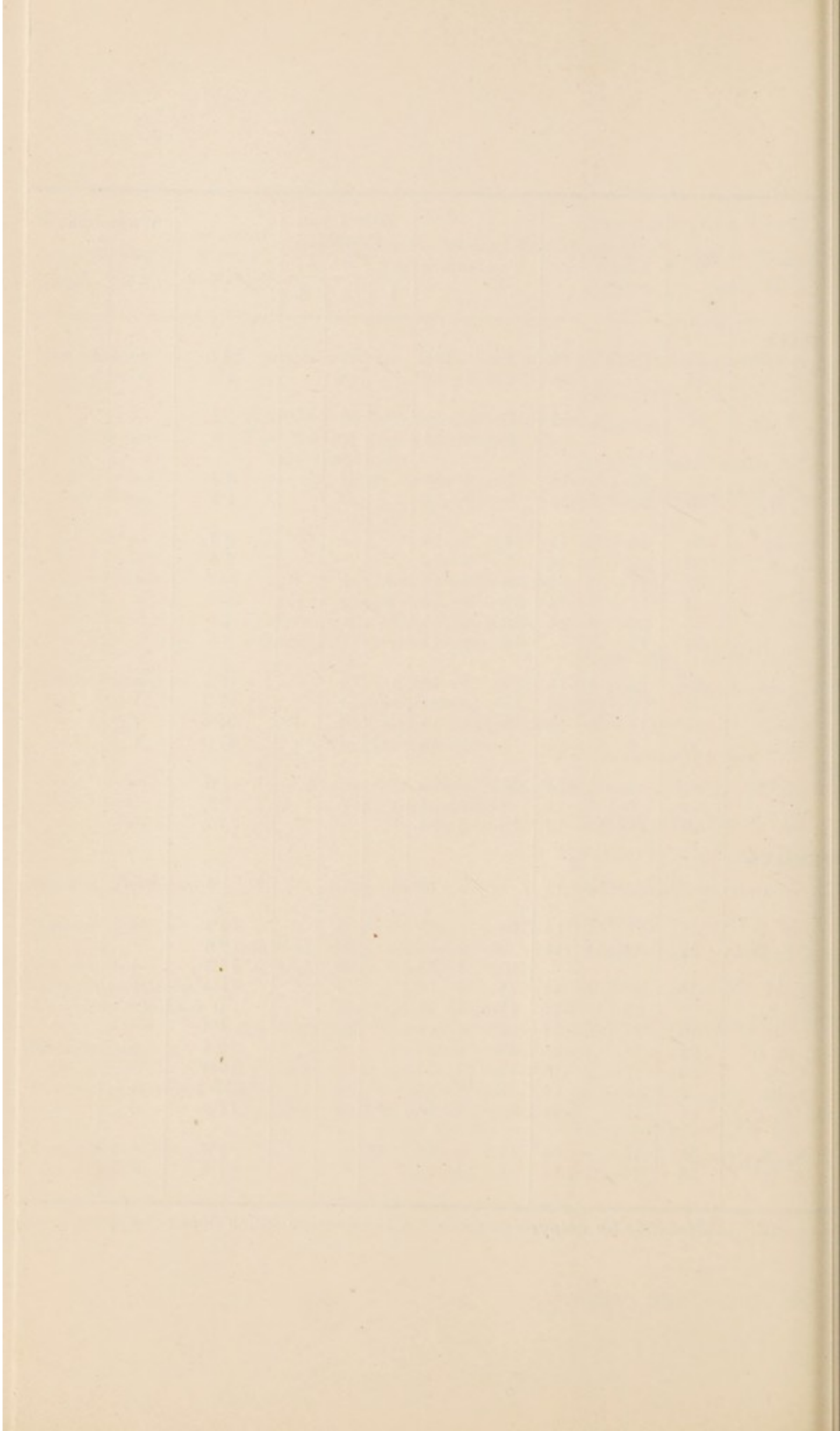
The annexed table gives full particulars concerning the punctures made during 1914:

No.	Initials.	Age.	Date of Admission.	Date of Puncture.	Ross-Jones Protein Test.			Lympho-sytosis per c.m.m.	Wassermann.		Diagnosis.	Appearance and rate of flow of Spinal fluid.	Remarks.
					1	2	3		C.S.F.	Blood.			
<b>MALES.</b>													
1	C. E. B.	25	13-12-13	28-1-14	+			25.0	+	+	General paralysis	Clear, colourless. Moderately slow drops	Still here.
2	F. G. S.	54	7-3-14	19-3-14	-			4.2	-	-	"	" " Very quick drops	Removed to Claybury Asylum, where he died 9-4-14. <i>Post-mortem</i> made. Not a General
3	W. K. B.	35	29-4-14	7-5-14	-			3.2	-	-	"	Pellucid. Moderately slow drops	Discharged 22-6-14. [paralytic
				11-6-14	-			1.6	-	-	"	First portion tinged with blood, then clear.	
4	T. H. B.	51	25-3-18	28-5-14	D			3.2	-	-	"	Pellucid. Quick drops	" " 12-6-14.
5	D. W.	53	26-2-14	9-7-14	D			1.2	-	-	"	" "	Died 23-10-14. Histologically no signs of General paralysis.
6	G. F.	54	26-6-14	14-7-14	-			0.6	-	-	"	" "	Still here.
7	J. B.	33	19-5-14	7-8-14	-			3.4	-	-	"	" "	Discharged 20-8-14.
8	J. G.	37	21-8-14	26-8-14	+	+	0	74.6	+	+	General paralysis	" Moderately quick drops	Still here.
9	F. E.	34	17-7-14	27-8-14	+	+	+	33.2	+	+	"	" Quick drops	Still here.
10	W. G. H.	46	20-8-14	10-9-14	-			4.2	-	-	"	Blood-stained. Very slow drops	Discharged 21-9-14.
11	C. R. H.	54	12-9-14	18-9-14	-			5.4	-	-	"	Pellucid. Very slow drops	Died 26-9-14, and large tumour found in Frontal lobe.
12	E. A. L.	38	8-8-14	22-9-14	+	+		17.0	+	+	General paralysis	" Slow drops	Still here.
13	G. H. W.	35	9-10-14	15-10-14	+	+		17.2	+	+	"	" Quick drops	Died 22-2-15. Confirmed histologically.
14	B. S.	47	18-3-14	3-11-14	+	+	+	25.4	+	+	"	" Moderately quick drops	Still here.
15	F. B.	50	6-11-14	11-11-14	+	+	+	41.0	+	+	"	" Quick drops	Died 17-11-14. Diagnosis confirmed histologically.
16	W. J. F.	33	4-11-14	25-11-14	-			1.0	-	-	"	" At first in a stream, then rapid drops	Still here.
17	J. L.	59	9-6-14	8-12-14	-			2.2	-	-	"	" Very quick drops	Still here.
18	J. W. M.	40	18-12-13	15-12-14	-			1.4	-	-	"	" " "	Still here.
<b>FEMALES.</b>													
19	C. E. D.	47	2-12-13	1-1-14	-			1.6	-	not exd.	Korsakow's disease	" Slow drops	Died 8-1-14. Histologically no General paralysis. Peripheral neuritis.
20	F. E. T.	38	17-1-14	26-1-14	D			14.8	+	+	General paralysis	" Quick drops	Still here.
21	E. E. W.	16	23-1-14	9-2-14	D			18.6	-	-	"	Blood-stained. Slow drops )	
				10-3-14	D			14.2	+	not exd.	"	Pellucid. Slow drops )	" "
22	A. H.	56	30-1-14	17-2-14	+			11.4	+	+	General paralysis	" Very quick drops	" "
23	E. P.	50	23-12-13	12-3-14	-			0	-	-	Korsakow's disease	" " "	" "
24	C. C.	40	31-3-14	2-4-14	-			4.2	-	-	"	" Very quick drops	" "
25	A. B. C.	23	4-4-14	29-4-14	+			22.4	+	not exd.	General paralysis	Blood-stained. Very slow drops	Died 21-7-14. No General paralysis lesions.
26	E. S.	50	7-2-14	12-5-14	-			16.8	-	do.	"	" Moderately quick drops	Died 8-7-14. Confirmed histologically.
27	A. D.	42	5-9-14	9-9-14	+	+		217.2	+	+	General paralysis	Pellucid. Slow drops	Still here.
28	E. M. C.	15	11-5-14	29-9-14	+	+	-	11.8	+	+	"	Slightly turbid. Slow drops	" "
					+	+	-	11.8	+	+	"	Pellucid. In a stream at first, then rapid drops	Died 29-11-14. Diagnosis confirmed histologically.
29	K. N.	31	27-4-14	11-9-14	0			1.6	-	-†	Cerebral tumour	" Quick drops	Died 3-1-15. Frontal tumour.
30	A. C.	38	23-11-14	6-12-14	-			1.8	-	-	"	" "	Died 7-12-14. No General paralysis lesions.

D stands for delayed re-action i.e., a re-action which does not appear at once.

† Blood tested at St. Thomas's Hospital prior to admission of patient into this Asylum.





## POST-MORTEM EXAMINATIONS.

Autopsies were made on 115 males and 162 females. Some of the main points of interest from these examinations are tabulated and discussed below.

### A. NERVOUS SYSTEM.

**I. Sclerosis of Cornua Ammonis** was found in three males, all subject to epilepsy, and three women, two of whom were epileptics, the other an alcoholic with symptoms of Korsakow's disease.

In the three males, all cases of congenital defect, the right horn was sclerosed in two, and both horns in one, and as 15 cases with epilepsy were *post-mortemed*, the percentage was 20.

In the two females suffering with epilepsy, both congenitally defective, both horns were sclerosed in each case, and as 11 cases with epilepsy were *post-mortemed*, this represents 18 per cent.

**II. Sulcus Lunatus and Stripe of Gennari.** If the length the stripe extends outside the pole bears the significance that was suggested in last year's report, we should expect that it would extend furthest out in imbeciles, the shortest distance out in general paralytics, and intermediate in all the cases taken together.

Now in 145 imbeciles and 150 general paralytics, the latter have the shortest stripe on both sides, with the single exception of the right side in males, but the imbeciles have the longest only on the left side in males and the right in females.

It was further suggested that the presence of a sulcus lunatus was an indication of defective cerebral development. The figures, however, so far as they go, give very little, if any, support to this suggestion. (*See table.*)

All we can with any assurance affirm is the much greater frequency of a sulcus lunatus in females, and its more frequent occurrence on the left side; and the greater length the stripe extends outwards on the external surface of the occipital pole on the left side in both sexes.



Shewing the length, in inches or decimal parts of an inch, which the stripe of Gennari reached on the external surface of the occipital lobe, on each side of the cerebrum.

		1914.						Total Figures.			
Sex.	No. of Persons.	Right Side.		Left Side.		No. of Persons.	Right Side.		Left Side.		
		Aggregate length.	Average length.	Aggregate length.	Average length.		Aggregate length.	Average length.	Aggregate length.	Average length.	
All Cases ...	M. 84	18.87	<b>0.22</b>	35.73	<b>0.42</b>	359	93.82	<b>0.26</b>	156.08	<b>0.43</b>	
	F. 134	39.20	<b>0.29</b>	62.20	<b>0.46</b>	594	177.05	<b>0.29</b>	287.52	<b>0.48</b>	
General Paralytics ...	M. 16	4.50	<b>0.28</b>	7.00	<b>0.44</b>	103	29.85	<b>0.28</b>	44.40	<b>0.41</b>	
	F. 5	1.75	<b>0.35</b>	3.25	<b>0.65</b>	42	11.50	<b>0.27</b>	18.72	<b>0.44</b>	
Imbeciles ...	M. 9	1.58	<b>0.17</b>	4.00	<b>0.44</b>	52	12.13	<b>0.23</b>	24.50	<b>0.47</b>	
	F. 14	5.60	<b>0.40</b>	5.70	<b>0.40</b>	93	32.00	<b>0.34</b>	43.70	<b>0.47</b>	

SULCUS LUNATUS.

	Sex.	1914.						Total Figures.					
		No. of Persons.		Side on which present.		Total cases in which present.	Percentage.	No. of Persons.		Side on which present.		Total cases in which present.	Percentage.
		Right.	Left.	Right.	Left.			Right.	Left.				
All cases ... ..	M.	2	10	12	<b>14.2</b>	15	28	40	<b>11.0</b>				
	F.	12	32	39	<b>28.7</b>	48	87	105	<b>17.5</b>				
General Paralytica ..	M.	0	3	3	<b>18.7</b>	3	9	12	<b>11.1</b>				
	F.	1	3	4	<b>66.6</b>	4	6	8	<b>17.7</b>				
Imbeciles ... ..	M.	0	0	0	<b>0</b>	1	4	4	<b>7.7</b>				
	F.	2	1	2	<b>14.0</b>	9	11	17	<b>18.0</b>				



### III. Local Atrophy of Convolution:—

Site.	Males.	Females.	Total.	Site.	Males.	Females.	Total.
Vertex ... ..	5	24	29	Parietal (generally supr)	15	25	40
Prefrontal Lobe ...	16	21	37	Temporal (tip) ...	5	1	3
Frontal ... ..	11	12	23	Around Sylvian Fissure	—	2	2
Central ... ..	10	16	26				

The vertex is that portion of the cerebrum which most usually undergoes local atrophy, but as it includes several regions, sometimes the atrophy has been noted simply at the vertex; at other times the particular regions which participate in the atrophied vertex have been specified. This probably accounts for the discrepancy in the coincidence of atrophy at the vertex in the two sexes. The order is very much the same as in the two previous year's reports.

**IV. Basal Vessels.** They were atheromatous (or calcareous) in 36 males, 31.4 per cent.; and in 48 females, 29.6 per cent.

They were calcareous in 6 males and 3 females.

Age period.	Males.	Females.	Total.	Age period.	Males.	Females.	Total.
45—49 years ...	—	3	3	70—74 years ...	6	3	9
50—54 „ ...	2	3	5	75—79 „ ...	7	8	15
55—59 „ ...	2	6	8	80—84 „ ...	4	8	12
60—64 „ ...	6	11	17	85—89 „ ...	—	1	1
65—69 „ ...	9	5	14				

V. Softenings, due to old or recent hæmorrhage or emboli, occurred in the following sites:—

	MALES.				FEMALES.				TOTAL
	Right.	Left.	Both or Central.	Total.	Right.	Left.	Both or Central.	Total.	
Lenticular Nucleus ... ..	1	1	5	7	3	2	3	8	15
Caudate „ ... ..	—	2	1	3	3	1	3	7	10
Thalamus ... ..	1	3	—	4	5	1	2	8	12
Internal Capsule ... ..	—	—	—	—	—	—	1	1	1
External „ ... ..	—	—	—	—	—	1	—	1	1
Centrum Ovale ... ..	1	—	2	3	2	—	2	4	7
Frontal Lobe... ..	—	—	—	1	1	1	—	2	3
Temporal „ ... ..	—	1	—	1	1	—	1	2	3
Ascending Frontal Lobe ... ..	—	—	—	—	—	2	—	2	2
Parietal „ ... ..	1	1	—	2	3	2	1	6	8
Occipital „ ... ..	3	1	—	4	—	3	—	3	7
Corpus Callosum ... ..	—	—	—	1	—	—	1	1	2
Entire Hemisphere ... ..	—	—	—	—	1	—	—	1	1
Pons ... ..	1	—	2	3	—	—	3	3	6
Cerebellum ... ..	—	1	—	1	1	1	—	2	3
	8	10	10	30	20	14	17	51	81



**VI. Subdural hæmorrhages, films, or cysts** (ranging from a rusty staining of inner surface of dura up to a thick, firm organised membrane or cyst).

Among the males it was found 8 times (7 per cent.), as follows:—

- 2 Senile dement.
- 1 Organic.
- 2 Melancholiacs.
- 1 Paranoiac.
- 1 Dementia præcox (K).
- 1 General Paralytic.

Implicating the right side in three, the left side in three, and both sides in two.

Among the women it was found 9 times (5.5 per cent.), as follows:—

- 2 Senile dement.
- 2 Chronic maniacs.
- 2 Confusional alcoholics.
- 1 Congenital with epilepsy.
- 1     ,,     without     ,,
- 1 Recent melancholia.

It was situated on the right side in four, on the left side in four, and both sides in one.

**VII. Tumours.**

Quite a large number were met with this year:—

MALES. Five cases (4.4 per cent.), as follows:

FEMALES in two cases only (1.2 per cent.).

Sex.	Age.	Nature.	Size.	Site.
Males.	54	? Glioma ...	Chestnut ...	Right side, lower part of central and temporal.
„	77	Fibroma ...	Cherry ...	Springing from right side of calamus and lying across the fourth ventricle. Pedunculated.
„	74	Gumma ...	Chestnut ...	Right Frontal Lobe.
„	54	Endothelioma ...	Tangerine Orange.	„ „ „
„	42	„ ...	Orange....	Left Frontal „
Females				
„	58	Fibroma ...	Filbert...	Springing from ant border of left middle fossa.
„	26	Glioma ...	Pea ...	From left side of calamus lying across the fourth ventricle. Pedunculated.

In a man who committed suicide, aged 51, a small cyst about the size of a split pea, with thick hyaline walls and calcareous crystals, was found in the left lenticular nucleus.



### VIII. Angiomata.

MALE.—One small one about the area of a sixpence and flat, was found in the centrum ovale of right side in a case of epileptic insanity, aged 40.

FEMALE.—One small one in the white matter of right lobe of cerebellum, in a case of recent melancholia, aged 63.

(N.B. This was not examined microscopically).

IX. Histological examination of sections from the cerebral cortex and cerebellum were made in 32 males and 45 females.

The sites examined were similar to those mentioned in former reports, and the technique was the same.

The following are merely some of the features noted in these examinations:—

**Gliosis** was found as set out in the annexed table. In all but some of the general paralytics it was slight in amount and the cells small and insignificant looking.

Thirty-two males were examined, 18 general paralytics and 14 others, and 45 females, viz., 6 general paralytics and 39 other cases, but as in some all three regions specified in the table were examined, whilst in others only two, or even one, it has been found convenient to alter the form of the table somewhat from that adopted last year, so that the relative frequency of gliosis in each region is shown:—

		Incidence of Gliosis.												Total Cases Examined.					
		Prefrontal.				Ascending Frontal.				Cerebellum.									
		Positive Cases.			Negative Cases.	Positive Cases.			Negative Cases.	Positive Cases.			Negative Cases.						
General Paralysis	Males ... Females ...	Zonal.	White.	Total.	2	Zonal.	White.	Total.	5	Zonal.	White.	Total.	1	Zonal.	White.	Total.	9		
		13	11	15		88%	13	6		13	72%	13		4	6	30%		1	4
All other Cases	Males .. Females ...	Zonal.	White.	Total.	0	Zonal.	White.	Total.	2	Zonal.	White.	Total.	0	Zonal.	White.	Total.	3		
		6	5	6		100%	4	3		4	66.6%	4		3	4	50%		2	3
		6	3	6	43%	4	1	5	38%	4	4	8	8	0	1	1	11		
		6	0	6	20%	11	2	11	28%	11	2	28	28	2	4	5	30		
		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
General Paralysis	Males ... Females ...	13	11	15	88%	2	13	6	13	72%	5	1	4	4	30%	1	4	9	18
	Males .. Females ...	6	5	6	100%	0	4	3	4	66.6%	2	2	3	2	3	3	50%	3	6
All other Cases	Males .. Females ...	6	3	6	43%	8	4	1	5	38%	8	4	0	0	1	1	11	14	
	Males ... Females ...	6	0	6	20%	24	11	2	11	28%	28	2	4	5	14	30	39	39	



THE INCIDENCE of lesions generally in these three regions as regards general paralysis, was as follows:—

MALES.—The prefrontal was most deeply affected in 12 out of 17 examined. It appeared to be equally affected in two, and in the remaining two it appeared less affected than the ascending frontal.

FEMALES.—It appeared most deeply affected in four out of six, equally affected in one, and less affected in one.

THE CEREBELLUM (Males) was examined in 13. In one case it was very deeply affected, the lesions consisting of marked meningeal infiltration, and marked infiltration of the peri-adventitia of the molecular and white matter vessels, with plasma cells and lymphocytes. There was also gross proliferation of glia, in the form of Bergmann's fibres and large glia cells in the white matter. In fact in this case (24973) the specific lesions were more marked in this organ than in the cerebrum. Attention has been drawn to this case because, beyond a moderate degree of meningeal infiltration with lymphocytes, it is rare that the cerebellum shows any characteristic lesions of general paralysis in its substance, that is to say, any peri-adventitial infiltration with plasma cells, around its contained blood vessels. A moderate amount of gliosis is met with, as the table shows fairly often, and also doubtless lesions or anomalies of the nerve cells; but not lesions by which, as is the case in the cerebrum, one could diagnose general paralysis from inspection of a section.

In two other cases there was very slight peri-adventitial infiltration with plasma cells; in one, in the molecular layer only, in the other in the central white only.

In five cases there was moderate to marked meningeal infiltration with lymphocytes, but no characteristic lesions of general paralysis in the substance of the organ.

In five cases there were no lesions at all visible, either in the meninges or the organ.



FEMALES.—In the six cases examined there was some meningeal infiltration only in three. In the other three no lesions at all characteristic of general paralysis.

OTHER CASES. As was pointed out last year, it is often a matter of great difficulty to decide in cases other than general paralysis which part, if any, is more or less affected.

MALES.—The prefrontal appeared the worse in four out of 13, the ascending frontal in three out of 13.

FEMALES.—The prefrontal appeared the worse in 9 out of 30. The ascending frontal in 7 out of 30.

### **Halo Nerve-Cells..**

Nerve-cells characterised by loss of branches and shape, a loose crumbling of the body, and a clear space around the nucleus—like a halo, or only a basal disc of cytoplasm, above which but not quite in contact is the nucleus, forming a kind of cup and ball arrangement, and for convenience termed halo-cells, were met with in sufficient numbers to strike the eye in the two sexes, as follows:—

MALES (other than general paralytics) in 6 out of 14, or practically 43 per cent., but only twice out of 13, or 15.4 per cent., in ascending frontal.

FEMALES (other than general paralytics), five times out of 34 in prefrontal (14.7 per cent.), once out of 38 in ascending frontal (2.6 per cent).

In general paralytics:—

MALES.—It was noted once (in prefrontal region) out of 18 cases, or 5.5 per cent.

FEMALES.—Not at all in any of the six cases examined.

In a comparative study made between the ascending frontal region in Hospital and Asylum cases (John Turner, Review of



Neurology and Psychiatry, Jan., 1915), it was found that this form of degeneration was actually rather more frequently met with in the Hospital cases examined, but, just as in Asylum cases, it almost always affects the supra-granular nerve-cells, those which Bolton, Watson and others believe subserve the highest intellectual processes.

In the paper referred to it was conjectured that possibly the form of degeneration now under consideration would be more frequently met with in the prefrontal region. According to the figures from this year's cases, it is from three to five times more frequent in the last-mentioned region, compared to the ascending frontal; but whether this excess would be above the excess to be expected in the corresponding region of hospital brains is a point which remains to be seen. It is, at all events, a suggestive circumstance that this year only one of 18 male general paralytics, and not one of 6 female general paralytics, showed the halo-degeneration.

#### **Axonal-like or Immature Betz Cells.**

Counting the total number of Betz cells showing a nucleus in a section, and those showing axonal-like characters, and including all sections with 50 per cent. or over 50 per cent. as positive, and all under 50 per cent. as negative, the following results were reached with this year's cases:—

MALES.—Twelve cases, other than general paralytics; 3, or 25 per cent. were positive.

FEMALES.—Thirty-eight cases, other than general paralytics; 20, or 52.6 per cent., were positive.

#### **GENERAL PARALYTICS:—**

MALES.—17 cases; 2, or 11.7 per cent., were positive.

FEMALES.—4 cases; 1, or 25 per cent., were positive. And this was a case of juvenile general paralysis.

PIGMENT. The Betz cells were heavily laden with yellow pigment in 7 males, other than general paralytics, and in 2 general paralytics; the females, in 6 out of 38, other than general paralytics, and not once in any of the general paralytics.

### Cerebellum.

The occurrence of gliosis has already been dealt with; a point of some interest is to determine the percentage of cases which showed a darkly stained (pyknomorphic) Purkinje cell, a condition which is supposed to coincide with functional activity.

MALES.—General paralysis, 4 out of 13 cases the Purkinje cells were pyknomorphic (30 per cent.), and in 4 they were pale (30 per cent.).

Cases other than general paralysis: Three out of 11, they were pyknomorphic (27 per cent.); 6 out of 11, they were pale (54 per cent.).

FEMALES.—General paralysis: 4 out of 4, they were very pale. (100 per cent.).

Cases other than general paralysis: 8 out of 30, they were pyknomorphic (26.6 per cent.); 6 out of 30 were pale (53.4 per cent.).

In the case of a male, aged 36, a weak-minded man, a heterotopic condition of the foliæ was discovered on microscopical examination of the organ. The heterotopic area was very small, and not visible or barely visible to the naked eye.

Hyaline thickening of the cerebral (cortical or meningeal) vessels was found in

MALES: 4 out of 18 general paralytics;  
4 out of 14 other cases.

FEMALES: Not at all in 6 general paralytics.  
Five out of 39 other cases. Endarteritis was met with once in these 39.

### Spirochæta Pallida.

Twenty brains of general paralytics were examined for the presence of spirochætes during the year (some of these were referred to in last report).



The organism was found in 6 only, or 30 per cent.). It is highly probable that if more time could have been given to the search a bigger percentage of results would have been obtained. The presence of the spirochæta pallida has been demonstrated in 60 to 70 per cent. of general paralytic brains (Mott), so that we have good grounds now for assuming that they are or have been present in every case.

The chief regions examined were: The prefrontal, the anterior limbic, the temporal and uncus, ascending frontal, and cuneus.

The organism was found most frequently in the temporal and uncus (5 occasions in 8 brains, out of a total of 20 examined); twice in one brain in ascending frontal out of 13 examined; twice in one brain in the cuneus out of 9 examined.

#### **Posterior Tibial Nerves.**

They were examined, that is to say, portions from just above the ankle in both feet, in 12 cases, in the same manner as described last year.

In the following table I give all the cases, with the state of their patella reflex during life, and the condition of their liver found after death.

In the male there was a slight peri-adventitial infiltration, with cells showing character of polymorpho-nuclear leucocytes, but no increase of nuclei around the nerve fibres.

The case of dementia præcox had a pellagrous-looking rash on face and arms.

In the list, the mental disorder in 10 cases was attributable to alcohol—they were chosen for that reason, and 7 were examples of Korsakow's disease (polyneuritic psychosis; eight showed fibrotic atrophy of the posterior tibials, and seven cirrhosis of the liver. In one case of Korsakow's disease the organ was not

Age.	Disease.	Knee jerks.	Posterior Tibial Nerves.	Liver.
	<b>FEMALES.</b>			
67	Korsakow's disease	Absent	Fibrotic atrophy in both. No inflammatory changes	Not examined microscopically. Pale and soft
47	"	"	Wide-spread fibrotic atrophy.	Advanced cirrhosis
61	"	"	Fibrotic atrophy.	"
56	"	Present	No fibrotic atrophy. Endarteritis. Obliterans	Considerable
68	"	Absent	Slt fibrotic atrophy. No inflammatory change	Marked
42	"	Present	No changes noted	Some cirrhosis
39	Acute confusional? (D.T.)	"	Wide-spread fibrotic atrophy. No inflam. change	Advanced cirrhosis
57	Delirium tremens	Absent	Some fibrotic atrophy	"
47	Dementia. Alcohol	Very slight	Diffuse fibrotic changes	No cirrhosis
52	General paralysis	Absent	Considerable fibrotic atrophy in one "	"
25	Dementia præcox	Present	Natural	"
	<b>MALE.</b>			
47	Korsakow's disease	Absent	Considerable fibrotic atrophy. Slt inflammatory changes...	No cirrhosis



examined microscopically; in one (the man) it did not show any cirrhosis.

Alcohol was therefore associated with cirrhosis of the liver in 70 per cent., and with neuritic changes in 80 per cent.

## B. THORAX.

### Lungs.

Evidence of quiescent or healed tubercle in the form of fibrous or calcareous nodules, or encapsuled caseous foci at apices, were found in 12 males (10.4 per cent.); 6 females (3.7 per cent.).

The men's ages varied from 32 to 69, the cases consisted of 8 general paralytics, 2 melancholiacs, a senile dement, and a case of alcoholic insanity (confusional).

The females' ages varied from 46 to 82. Two were delusional cases, two melancholiacs, and two dements.

### Thyroid.

Year.	Under 20 years of age.		20 years and under 55.		55 years and upwards.		General average.	
	Males	Females	Males.	Females.	Males.	Females.	Males.	Females.
1912	—	8.8	—	16	—	18	—	16
1913	13	8	20	17	20	18	19	17
1914	12	18	23.5	15.5	22.8	18	23	16.7

Among the males two very large glands were found, one weighing 250 grammes in a weak-minded man, aged 55, acutely maniacal; the other, 120 grammes, in a case of acute confusional insanity, aged 70; as they appeared to be merely instances of hypertrophy, they have been included in the numbers from which the table was constructed.

The gland was below 15 grammes in 18 males; above 20 grammes in 40 males.

Among the females the heaviest gland weighed 95 grammes, and occurred in a case of epileptic insanity, aged 56; it appeared to be merely hypertrophied. In three cases the gland was cystic, and in one a small tumour was present, apparently an adenoma.

### Aorta and Coronary Arteries.

There was an aneurism of the aorta in its descending arch in a man aged 64.

The aorta was atheromatous in 77 males, or 68 per cent. It was calcareous as well in 4 cases.

In the females it was atheromatous in 72, or 45 per cent. It was calcareous in 16.

The coronaries were atheromatous in 30 males, or 38 per cent. ; in only one instance were they found to be calcareous.

They were atheromatous in 46 females, or just on 35 per cent. ; and in 7 cases they were calcareous.

### Valves.

MALES : The mitral valves were diseased in 21, or 18 per cent.

They were described as thickened and puckered in 13.

„ „ Stenosed in ... .. 6.

„ „ Incompetent in ... .. 1.

„ „ Calcareous in ... .. 1.

The aortic valves were diseased in 13, or 11.3 per cent.

They were described as Calcareous in ... .. 9.

„ „ Thickened in ... .. 3.

„ „ Stenosed in ... .. 1.

FEMALES : The mitral valves were diseased in 26, or 16.2 per cent.

They were described as Stenosed in ... .. 11.

„ „ with Vegetations in ... .. 8.

„ „ Calcareous in ... .. 3.

„ „ Incompetent in ... .. 2.

„ „ Thickened in ... .. 2.

The aortic valves were diseased in 7, or 4.3 per cent.

They were described as Calcareous in ... .. 4.

„ „ with Vegetations in ... .. 3.





**Foramen Ovale.**

A patent foramen ovale was found in 47 cases, or nearly 17 per cent. It was found in 12 males, or 10.4 per cent.; and in 35 females, or 21.6 per cent.

The aperture varied in size from a diameter of  $\frac{1}{8}$  in. up to a hole through which a cedar pencil could be passed.

In 3 cases, all in females, the opening was direct, in all the others it was valvular.

The annexed table shows the forms of insanity in which it was found:—

	Males.	Females	Total.
Congenital defect with or without Epilepsy ..	2	8	10
Epileptic Insanity ... ..	—	1	1
Dementia Præcox ... ..	—	5	5
General Paralysis ... ..	4	2	6
Delusional Insanity ... ..	1	4	5
Melancholia ... ..	1	3	4
Mania ... ..	—	4	4
Alcoholic Insanity (Confusional) ... ..	—	3	3
„ „ (D.T.) ... ..	1	1	2
Terminal Dements ... ..	3	4	7

**C. ABDOMEN.****The Liver.**

MALES.—According to the naked eye inspection it was described as more or less natural in ...	86
Nutmeg in ... ..	15
Fatty in ... ..	8
Cirrhotic in ... ..	4

One of the cirrhotic livers found in an alcoholic subject was a typical hob-nailed specimen.



The gall bladder was calcareous and filled with a pultaceous matter in one case.

It contained stones in 10 cases, or practically 9 per cent.

The organ was examined microscopically in 23 cases.

The sections showed nothing special in	...	...	12
„ „ Some degree of cirrhosis (generally slight) in	...	...	6
		(or 26 per cent.).	
„ „ Fatty degeneration and infiltration in			3
		(or 13 per cent.).	
„ „ „ „ and cirrhosis in			1
„ „ Plasma cell infiltration in		...	1
„ „ Degeneration of liver cells (not fatty)			1

No cells inclusions were noticed this year.

FEMALES.—According to the naked eye appearances the organ was more or less natural in	...	...	95
Fatty in	...	...	47
Cirrhotic in	...	...	9
Nutmeg in	...	...	8
There was perihepatitis in		...	1
It contained carcinomata in	...	...	1

It is well to notice again that in several instances in both sexes where the organ was described at the autopsy as fatty, etc., that subsequent histological examination did not bear out the naked-eye appearances. On the other hand, several times when at the autopsy no special changes were noted, it was found on examination by the microscope to be the seat of considerable pathological changes, either in the nature of cirrhosis or fatty degeneration.

The liver is a very large organ, and it is quite possible that the inspection of a minute fragment does not always give a clue to the condition of the organ as a whole.

**Gall Stones** were found in 31 cases, or 19 per cent.

The organ was examined microscopically in 42 cases, and

No lesions were noted in	...	...	...	17
Cirrhosis (often advanced) in	...	...	...	19
(or 43 per cent.).				
Fatty degeneration in	...	...	...	8
(or 19.5 per cent.).				
Small tubercular foci in	...	...	...	1
Perivascular nuclear proliferation	...	...	...	1

Some of the cirrhotic, viz., 8, contained fatty changes as well; but in these cases the organ has been scheduled under the major lesion, that is to say, if the cirrhosis was advanced and the fatty degeneration slight, it has been included under cirrhosis. If the fatty degeneration was marked and the cirrhosis inconspicuous it has been included under fatty degeneration.

No cell inclusions noted.

### **Kidneys.**

MALES.—From naked-eye inspection, that is, from the appearance of the organs at autopsy, they were described as

Natural in	...	...	53	
Granular in	...	...	40	} or 39.0 per cent.
Cystic in	...	...	4	
With adherent capsules	...	...	10	
,, Cloudy swelling	...	...	3	or 2.6 per cent.
,, Small adenomata	...	...	1	
,, Pyaemic foci	...	...	1	
,, Infarcts	...	...	1	
—				
Total pathological changes	...	...	60	or 53 per cent.



They were in a lobulated condition in 12, or 10.6 per cent., viz., in

Imbeciles in	...	...	3
Precocious dements	...	...	2
Dements	...	...	4
Alcoholics	...	...	2
General paralytics	...	...	1

Sections were examined microscopically from 24 cases.

Interstitial changes found in	11	or 46.0 per cent.
Cloudy swelling in	3	or 12.5 per cent.
Small adenomata in	1	
The remainder appeared natural	9	

Eleven of the 15 pathological specimens showed endarteritis affecting generally to a very considerable degree the larger arteries of the organ (46 per cent.).

FEMALES.—From naked eye inspection the kidneys appeared

Natural in	...	...	34
Granular in	...	...	89
Cystic in	...	...	2
With Adherent capsule	...	...	19
,, Cloudy swelling	...	12	or 7.4 per cent.
,, Pyaemic foci	...	...	2
,, Tubercular foci	...	...	2
,, Infarcts	...	...	1

Total incidence of naked-eye pathological changes, 127, or 78.8 per cent.

They were lobulated in 20 (12.4 per cent.)

Imbeciles	...	...	6
Dementia præcox	...	...	6
General paralysis (1 juvenile)	...	...	2
Other forms	...	...	6

Sections were examined microscopically from 42 cases.

Interstitial changes found in 20 or 47.6 per cent.

Cloudy swelling in ... 12 or 28.5 per cent.

(Two of these cases also showed considerable interstitial changes).

Tubercular foci ... .. 1

Natural ... .. 11

Fourteen of the 42 cases showed endarteritis (33.3 per cent.)

Table showing the incidence in decennial periods of interstitial nephritis in the two sexes:—

	10 to 19			20 to 29			30 to 39			40 to 49			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
Interstitial Nephritis	1	—	1	2	4	6	—	6	6	5	19	24			
All other Cases	6	4	10	16	14	30	15	19	34	14	17	31			

	50 to 59			60 to 69			70 to 79			80 to 89			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Interstitial Nephritis	7	18	25	9	20	29	12	14	26	4	8	12	40	89	129
All other Cases	5	10	15	13	6	19	4	1	5	—	1	1	73	72	145

### Supra-Renals.

Nothing of any special note is recorded among the males.

FEMALES.—A large recent hæmorrhage in the medulla of the right supra-renal was found in a senile dement, aged 75.



**Pancreas.**

In a man aged 35 who died from pulmonary tubercle, the pancreas showed tubercular deposits, and when examined microscopically giant multi-nucleated cells.

In a man aged 27, who died from acute pancreatitis, the gland, microscopically examined, showed signs of acute inflammation and hæmorrhage.

In a woman, aged 63, there was a small recent hæmorrhage in the gland.

**Spleen.**

In a man who died from general tuberculosis, there were tubercular deposits in the capsulè of the spleen.

In an old man, 79, the spleen weighed 252 grammes, and it showed very marked perisplenitis.

In a case of enteric, the spleen weighed 685 grammes.

FEMALES.—In one case it weighed 100 grammes and contained a calcareous nodule the size of a hazel nut.

In a case with cirrhosis of the liver it weighed 315 grammes.

Perisplenitis was found in two cases, in one of which the capsule was in places a quarter of an inch thick and pearly white.

**Intestines.**

MALES.—Tubercular ulceration	...	1
Enteric	„	1
FEMALES. Tubercular ulceration	...	5
Dysenteric ulceration	...	1
Colitis (mucous)	...	1
Ulceration with Bright's disease	... ..	2
Carcinoma rectum	...	1

**Stomach.**

FEMALES.—Carcinoma	...	...	1
Ulceration and perforation			1

**Uterus.**

Fibroids in nine cases.

They were generally small and multiple in one case, solitary, and the size of a cricket ball.

Carcinoma, 1.

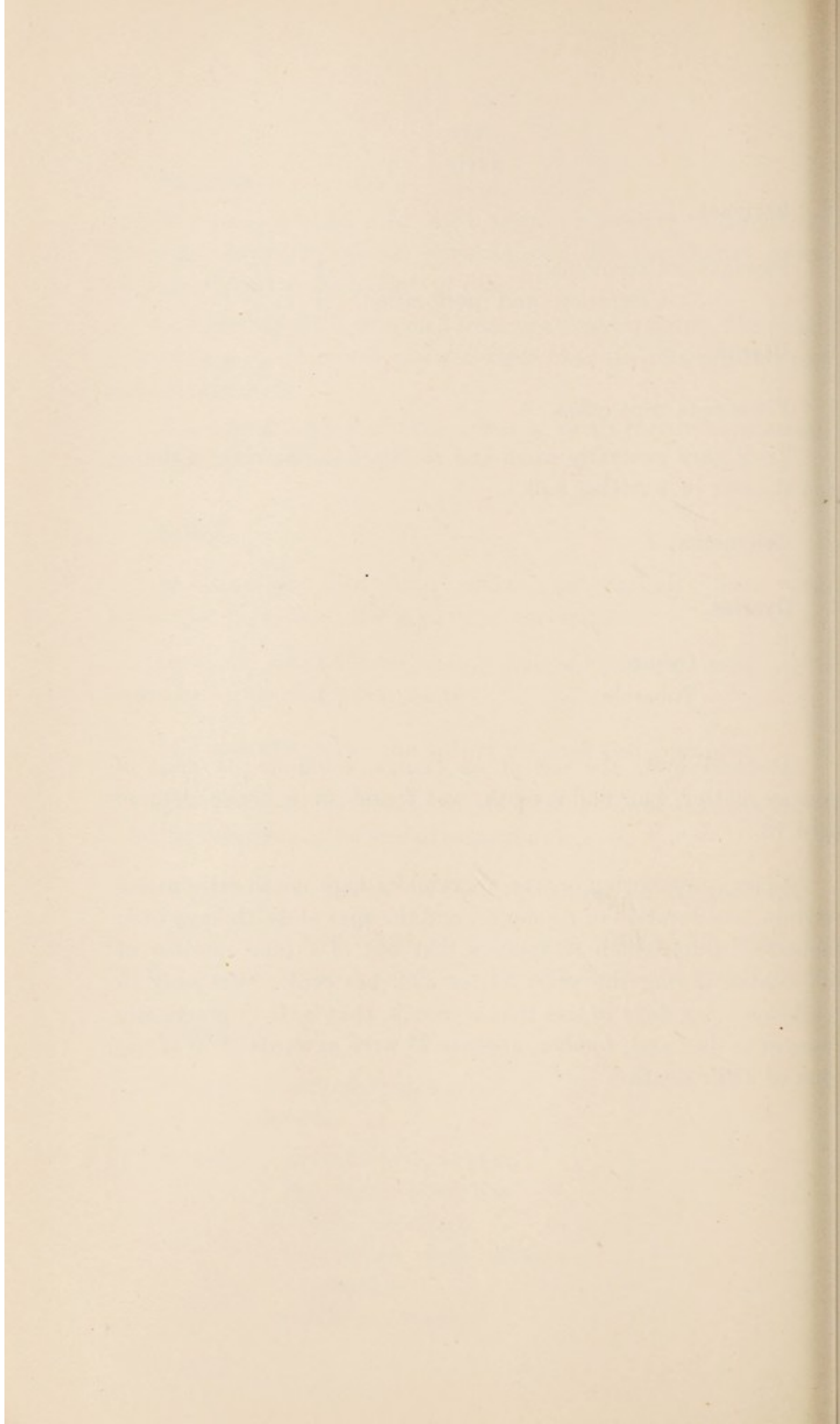
**Ovaries.**

Cystic	...	...	...	1
Tubercle	...	...	...	1

Dermoid cyst, the size of an orange, containing a mass of creamy matter, hair and a tooth, was found in a senile dement aged 73.

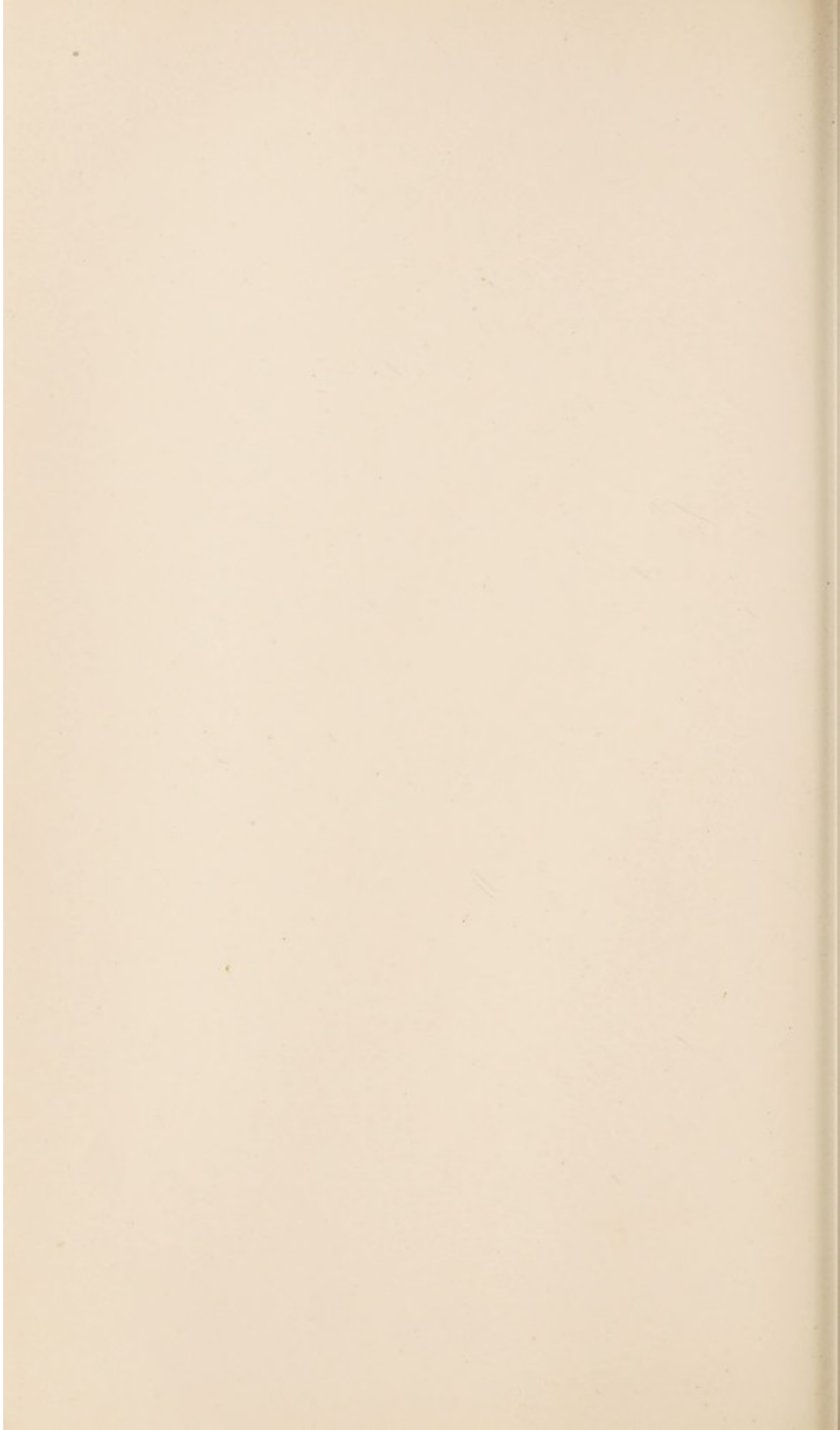
Again commenting on the abnormally high death rate in this Asylum, the duration of residence, and the ages at death have been tabulated, from which it appears that out of a total number of 317 deaths during the year, 71, or 22.4 per cent., were only in residence a few days to less than a month, that is, they practically came in to die; and, further, another 25 were upwards of 70 at the time of their death.





SEVERAL



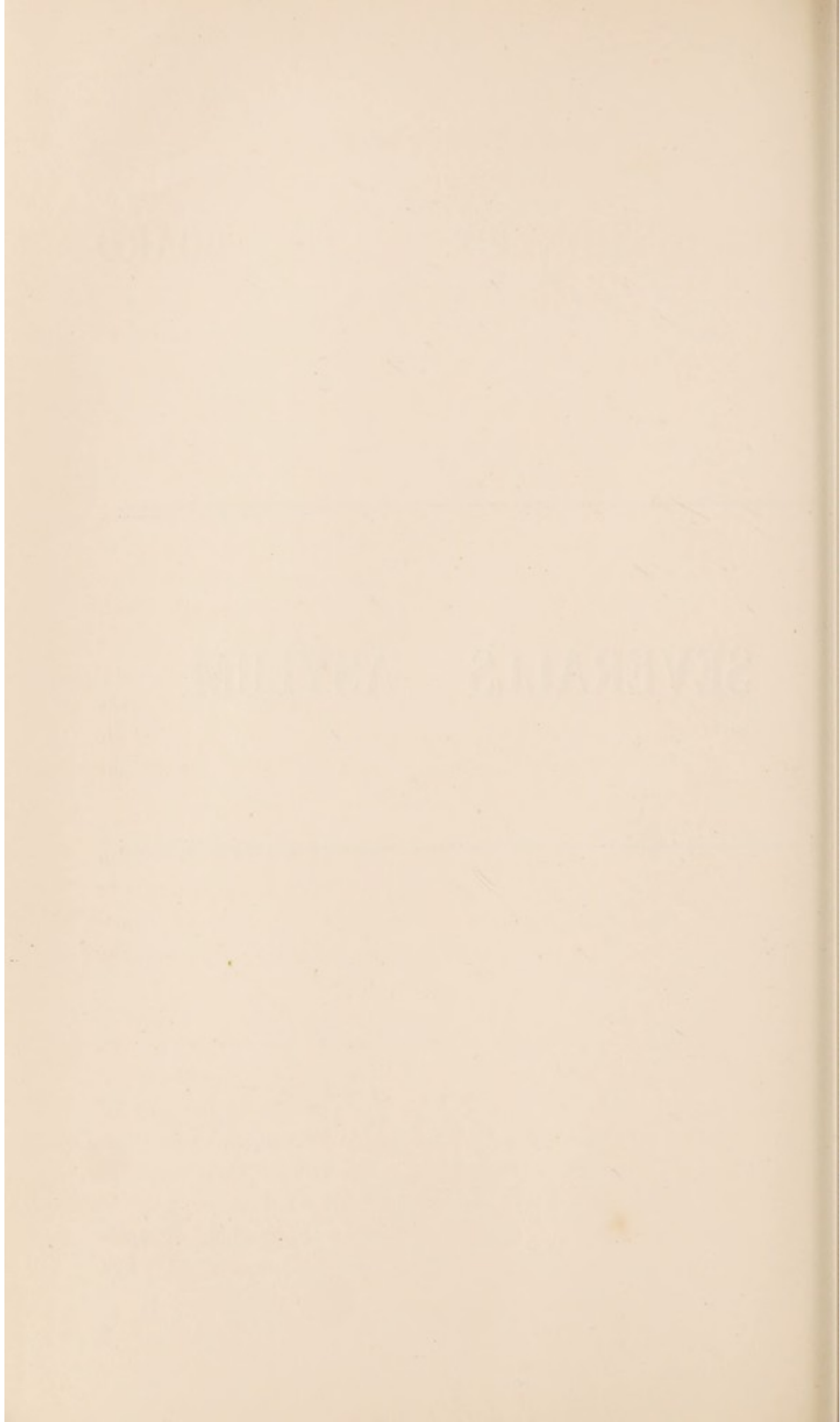


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**SEVERALLS ASYLUM.**

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**REPORT**  
OF THE  
**COMMISSIONERS OF THE BOARD**  
**OF CONTROL.**

---

ON SEVERALLS ASYLUM.

27th October, 1914.

On visiting this Asylum we found only the Main Building occupied by patients, as the Committee have, at the request of the Military Authorities, placed at their disposal all the detached buildings (with the exception of the Isolation Hospital), which were not actually occupied by patients, and there are at the present time some 4,000 troops billeted on the Asylum Estate. The buildings now used by the soldiers include the Private Patients' Villa and the Villa for Children, the Male and Female Admission Hospitals, the Hospitals for Phthisical cases, the Working Patients' Villa, and the Chapel.

The development of this new Asylum has of course been very much interfered with, and the necessary arrangements to deal with the situation must have been a source of much anxiety to the Committee, the Medical Superintendent and the Staff.

It is satisfactory to be able to report that so far as the actual comfort of the patients is concerned, little substantial inconvenience has been felt, but for the time being the special arrangements for dealing with new admissions are in abeyance, such cases having to be dealt with in the ground floor wards of the Main Building. The Church Services have to be held in the Recreation Hall, and the exercise of the patients outside the Wards and Airing Courts has been much curtailed. We



were glad to hear that the behaviour of the Troops has been exemplary, and that the Officers have done their utmost to minimise the inconvenience to the Asylum caused by their presence.

It is, of course, impossible to foretell how long this military occupation will have to be continued.

Since the last visit a large amount of minor improvements to facilitate administration have been carried out. Pictures of an inexpensive character have been placed on most of the walls, the frames having been made in the workshops. We desire to repeat our colleagues' suggestion as to the need of more adequately protecting various points of danger in the sluice cupboards.

The changes among the patients since the last visit have been :—

			M.	F.	T.
Admissions	...	...	158	207	365
Discharges or Removals	..	..	29	50	79
Recoveries	...	...	19	25	44
Deaths	...	...	42	55	97

There are now on the books the names of 1,274 patients, 570 being of the male and 704 of the female sex. Eleven were absent on trial, leaving 1,263 patients in residence, all of whom were seen and given the opportunity of speaking to us in the course of our visit, which occupied us yesterday and to-day. We found them orderly in their behaviour and fairly tidy in their dress and personal appearance, especially on the female side. The clothing of many of the men was showing decided signs of wear, more especially the shirts. We had but few complaints, and none that call for special mention.

The Wards and Dormitories are extremely well kept, and the beds and bedding were in excellent condition.

Nineteen of the patients are classed as private, while there are 120 Out-County patients, the majority of whom are received from the Borough of Southend.



The maintenance charges are 11s. 8d. for Home Patients, Private Patients paying 21s. and Out-County Patients from 14s. to 16s.

We are glad to see that the practice largely prevails of giving money allowances to patients while out on trial.

Twenty-one patients have been secluded on 100 occasions for 221 hours, but there is no recorded use of mechanical restraint.

The health of the inmates is good. The number confined to bed at the time of our visit (which included recent admissions and several so treated for mental reasons) amounted to 66, or rather more than 5 per cent. of the total in residence, and no one of them was seriously ill. The Epileptics amount to 6.3 per cent. (males 7.6, females 5.3), and there is no patient now under care who is regarded as actively suicidal.

The causes of death have included General Paralysis 10.3 per cent., Phthisis 16.7 per cent., and Senile Decay 11.3 per cent. The proportion of post-mortem examinations has been 82.5 per cent. of the total deaths. It is gratifying to record, as evidence of the nursing care bestowed on the sick, that in no instance was a bed sore present at the time of death, nor was any patient to-day the subject of this complication.

There have been two inquests, death being due to natural causes in each case.

As has often been the case in new Asylums which receive so many chronic patients from other Institutions, Dysentery has, we regret to say, been prevalent here. The first cases arose within six months of the opening of the Institution, and since November last 26 females and 2 males have been attacked. Four of the attacks were fatal, and more than three-fourths occurred amongst the patients of two of the female Wards. The only other instance of Zymotic Disease has been Scarlet Fever, from which one of the Attendants suffered in August last.



Twelve patients have sustained fractures of bones, which in seven cases were due to accidental falls, in three to struggles, and in two to being pushed down by fellow patients.

There is nothing in the Annual Returns made to our Board which call for special mention here, except to say as regards the numbers of patients usefully employed while the percentage (70 per cent.) of the men is very good; that of the women (45 per cent.) should, we think, be without much difficulty improved.

An adequate staff of Attendants and Nurses is maintained; at present some difficulty is being felt, as a considerable number of experienced Attendants have left to take up military duties. In two of the Wards on the male side, occupied mainly by senile cases, the nursing is done by women.

Dr. Turnbull has the assistance of four Medical colleagues, by whom the Case Books and the Medical records generally are very well kept.

(Signed) A. H. TREVOR, } Commissioners of the  
SIDNEY COUPLAND, } Board of Control.

## SEVERALLS ASYLUM.

### REPORTS OF VISITS OF GUARDIANS.

April 9th, 1914. Lexden and Winstree Union.

Lunatic Asylum Visiting Committee of Lexden and Winstree Union visited the Asylum and saw the male and female patients chargeable to the above Union, found them well cared for and to all appearances happy and comfortable so far as their circumstances permitted, and consider everything satisfactory and wish to record the courtesy shown us by all the Officials.

(Signed) ALFRED WERNINCH,

*Chairman of Committee.*

#### Bishops Stortford Union.

We have this day visited the patients belonging to the Bishops Stortford Union and found them all well and carefully looked after. We were much struck with the perfect arrangements of the Asylum and the courtesy of the Officials.

(Signed) G. S. STREETER, *Vice-Chairman,*

H. A. ROBERTS,

WM. IVAL WILLIAMS,

JOSEPH CRISP,

ALFRED GWYNN, *Clerk.*

July 2nd, 1914. Edmonton Union.

A Visiting Committee of the Edmonton Union attended at this Asylum to-day and visited the patients sent here from our Union. We were shown the male and female quarters and we



spoke to our patients, who appeared to be healthy and well cared for. We were shown the Kitchen, Laundry and Sewing Rooms, and were well satisfied with the conditions of living at the Asylum.

(Signed) SYDNEY H. BAKER,  
E. ABEL,  
H. BARRATT.

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October 5th, 1914. Colchester Union.

LADIES AND GENTLEMEN,

We have to report that we this day visited the Severalls Asylum and saw 99 patients chargeable to this Parish—namely, 52 Males and 47 Females.

We were accompanied by Dr. Hodgson, who gave us every information required and also shewed us over other parts of the building. We should say that every care, attention and kindness is shewn to the Patients, who nearly all expressed themselves as well and happy.

Your Committee tender their thanks to Dr. Hodgson and the Staff for their courtesy and attention.

Yours obediently,

(Signed) J. W. EADY,  
EDWD. B. BUCKE.

---

November 5th, 1914. Epping Union.

Saw the Epping patients. They seemed well cared for.

(Signed) HERBERT H. ELIM.

October 13th, 1914. **Risbridge Union.**

KEDINGTON,

NEAR HAVERHILL,

SUFFOLK.

6th Nov., 1914.

On the 13th October last the Asylum Visiting Committee, consisting of Messrs. the Chairman, Vice-Chairman, Armstrong, Coster and Pond, visited Severalls Institution, Colchester. We were met by Dr. Hodgson, who courteously showed us over the building. The patients seem to be carefully looked after, and recreation is abundantly provided for both men and women. At the time of our visit there was a large number of soldiers in the grounds. We saw the inmates chargeable to the Risbridge Union, viz. :—Albert Haylock, Samuel Gypps, Florence Cowle, Herbert Ford, and Reginald Turner.

No complaints were made to us. We are satisfied that everything is being done to ameliorate the lot of these unfortunate people, but we regret to report that there is no improvement in their mental condition.

(Signed) A. McKECHNIE, *Chairman*,  
J. ARMSTRONG,  
HARRY CROW,  
S. POND,  
J. B. COSTER.

November 17th, 1914. **Halstead Union.**

Committee of Halstead Board of Guardians visited the patients belonging to their Union. Went through the Wards and found all patients well cared for, the place well kept, and were quite satisfied with all they saw.

(Signed) A. BLOMFIELD,  
JOHN WILLIAM NOTT,  
F. G. BISHOP,  
R. S. CARTER.



November 30th, 1914. **Romford Union.**

We have this day visited the Asylum and seen all the patients chargeable to this Union. All seemed quiet and comfortable. We desire to acknowledge the courtesy of the Staff in affording us information and showing us round the Institution.

(Signed) T. W. MOSS,  
A. H. HOPE,  
E. M. WISE,  
CHAS. BLOMFIELD, *Clerk.*

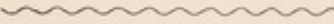
~~~~~  
January 21st, 1915. **Billericay Union.**

As members of the Billericay Board of Guardians we have visited the patients belonging to our district, viz. :—Eleven females and four males. We have found them all well cared for and the arrangements perfectly satisfactory.

(Signed) C. E. S. RATCLIFFE  
A. T. WEST.

**SEVERALLS ASYLUM.**  
**REPORT**

OF THE

**MEDICAL SUPERINTENDENT**for the Year ending 31st March, 1915.  


To the Committee of Visitors of the Essex and Colchester  
Lunatic Asylums.

GENTLEMEN,

I beg to submit my Annual Report for the year ended 31st March, 1915. I also submit the usual statistical tables for the year ended December 31st, 1914.

It will be seen from these tables that during the year 1914 368 patients were admitted. Of these 133 were transferred from Brentwood Asylum; 215 recent cases have been admitted direct from the Unions. Sixty patients were discharged recovered, the percentage of recoveries to direct admission being 27.9.

One hundred and twelve patients died, the percentage to the average numbers resident being 9.1. The chief causes of death were:—From Senile Decay and Arterio-sclerosis, 23; Pulmonary Tuberculosis, 17; chronic Bright's Disease, 12; General Paralysis, 9.

Since December 31st 228 patients have been admitted. Of these 176 have been received from the Norfolk County Asylum. The total number resident on March 31st, 1915, was 1412.



**Private Patients.** Owing to the war it has been impossible to open the private patients' villa. Three male and 18 female patients are accommodated in the wards of the main building at a uniform charge of one guinea a week inclusive.

The progress of the Asylum has been greatly modified since last August by the outbreak of war, when at an hour's notice the Norfolk and Suffolk Territorial Brigade was billeted on the Asylum grounds and in the detached buildings. These buildings had just been fully equipped and on the completion of the paths and roads would have been at once filled with patients. Troops were still in occupation of these buildings on March 31st. Naturally, the normal Asylum routine has been greatly interfered with. The patients and staff, however, have put up cheerfully with any inconvenience they have had to bear. I must take this opportunity to testify to the general excellent behaviour of the troops and to acknowledge the great courtesy and consideration shown to me by the Commanding Officer, Brigadier General Bayard.

I regret that a considerable amount of damage has been done to the Asylum buildings and grounds due to the necessarily unfair wear and tear to which they have been subjected; for this I hope the Asylum will be fully compensated by the War Office. The sanitary arrangements have left much to be desired. For this reason alone I hope the military occupation will not be unduly prolonged.

**Health of the Asylum.** This has not been good, especially during the winter months.

The outbreak of dysentery mentioned in my report last year was practically stamped out at the close of 1914, but I regret to report that patients transferred from Norwich have been found to be infected with this disease, and several cases have occurred all amongst the Norfolk patients. Scarlet fever with which the troops were infected on their arrival broke out in the Asylum;



32 cases have occurred with two deaths; 9 cases remained under treatment on March 31st. A severe epidemic of influenza occurred during the winter. Septic throats and pneumonia have been extremely prevalent; from the latter disease 24 deaths have occurred between December 1st, 1914, and March 31st, 1915.

**Staff.** I greatly regret to record that the following members of the Staff have died:—Miss S. Griffiths on February 6th, 1915, Nurse D. B. Marsh on March 11th, 1915, Nurse G. H. Leslie on March 17th, 1915, Attendant W. G. Smith killed in Action on 25th December, 1914.

Miss Griffiths, our late Head Cook, was appointed at the opening of the Asylum and was personally esteemed by all who knew her. Her loss is deeply felt by all at the Asylum.

Thirty-seven members of the Male Staff have left to join the Colours since the War broke out and a great majority of those remaining have volunteered to follow their example, if, and when, their services can be spared by the Committee. Every effort has been made to engage temporary attendants not eligible for the Army.

Dr. Lucas, who was appointed 4th Assistant Medical Officer on June 24th, has joined the R.A.M.C. for the period of the war. Miss Jones, the Matron, is engaged in nursing in an Army hospital at Newcastle.

On March 31st the working staff consisted of 91 nurses and 59 attendants. Of these latter 30 are engaged as temporary attendants. The general conduct of the staff has continued to be extremely good, especially when the abnormal conditions existing at the Asylum are taken into consideration.

Three nurses and one attendant have obtained the nursing certificate of the Medico-Psychological Association; 8 nurses and 5 attendants the preliminary certificate; and 22 nurses and 16 attendants the First Aid Certificate of the St. John's Ambulance Association. The lectures given by the Medical Officers have been well attended.



I have much appreciated the able manner in which Miss Spence has carried out the duties of Matron which have devolved upon her during Miss Jones' absence.

**Casualties.** Casualties involving the fractures of bone occurred in 7 cases. The circumstances were reported at the time to the Committee.

**Inquests.** There was only one inquest on a man who died from a gunshot wound self-inflicted prior to admission.

**Escapes.** Four male patients escaped, one being a patient on parole. All were re-captured without difficulty.

**Employment.** The workshops have been developed. With the aid of a tailoress department all patients suits are made at the Asylum. The bootmakers and tinsmith's shops not only supply our own needs but are making goods for Brentwood Asylum. The mattresses and pillows for the equipment of the new buildings have been made in the upholsterer's shop; also patients are now employed in book-binding, french polishing, mat-making, and brush-making. A suitable apparatus for washing and drying hair has been provided; also a shelter has been fixed in the workshop yard for the carding machine.

**Recreation.** The addition to the usual entertainments of cinematograph exhibition has proved a great success.

**Progress of the Asylum.** To meet the overcrowding caused by war conditions, additional beds have been added to the wards. Wards 1 and 7 on the male side are now used for female patients, whilst the visiting rooms and committee rooms have been temporarily converted into wards for male patients. During the past year an operator's room has been added to the hall for the cinematograph. A new coke oven has been built out from the kitchen and is proving a great economy. The fire alarm system has been re-arranged with success. A start has



been made on the following works:—Paths for the detached buildings, the farm buildings, four farm labourer's cottages, the Inspector's house, and a garage for the Medical Superintendent. A greenhouse has been built and I hope now to be able to keep the wards supplied with plants.

Both the inner and outer ward gardens have been laid out and planted during the winter. Verandahs will I hope soon be added to the infirmary dormitories to allow open air treatment for the sick. An infirmary for nurses is badly needed. Plans for increasing both the supply and reserve of water are awaiting the sanction of the Home Secretary. The waiting room at the mortuary has been fitted up as a small pathological laboratory, but owing to the reduction of the medical staff it has been impossible to undertake more than the absolutely necessary pathological work. I hope when brighter days come the Committee will consider appointing a pathologist to supervise the work of this important department at both Asylums.

**Farm.** In spite of an outbreak of swine fever which occurred in July last, the farm balance sheet shows a profit of £306 on this year's working.

The year that has just closed has proved hardly less strenuous than the year in which the Asylum was opened. The military occupation and shortage of staff caused by the war has added greatly to the work of all departments, and I have again to acknowledge gratefully the loyal co-operation of the principal officers of the Asylum, especially that of Dr. Evans, the Senior Medical Officer.

In conclusion may I again express my gratitude to the Chairman and Members of the Committee for their continued kindness and support.

I am,

Gentlemen,

Your obedient Servant,

R. C. TURNBULL.



## SEVERALLS ASYLUM.

## STAFF WITH THE COLOURS 31st MARCH, 1915.

|                                                       |     |     |                            |
|-------------------------------------------------------|-----|-----|----------------------------|
| Dr. R. H. Lucas                                       | ... | ... | Assistant Medical Officer. |
| Miss M. Jones                                         | ... | ... | Matron.                    |
| J. R. Morris                                          | ... | ... | Dispenser.                 |
| J. C. Munday                                          | ... | ... | Attendant.                 |
| A. A. Howson                                          | ... | ... | "                          |
| E. C. Palmer                                          | ... | ... | "                          |
| E. Mason ...                                          | ... | ... | "                          |
| H. Higgs ...                                          | ... | ... | "                          |
| N. Underwood                                          | ... | ... | "                          |
| F. Stirling ...                                       | ... | ... | "                          |
| A. Jolly ...                                          | ... | ... | "                          |
| W. C. Ashby                                           | ... | ... | "                          |
| H. Gatford...                                         | ... | ... | "                          |
| C. A. Bourne                                          | ... | ... | "                          |
| S. H. Trower                                          | ... | ... | "                          |
| S. W. Jones                                           | ... | ... | "                          |
| G. H. Harris                                          | ... | ... | "                          |
| R. E. Jacobs                                          | ... | ... | "                          |
| W. G. Smith (killed in action 25th<br>December, 1914) | ... | ... | "                          |
| J. Hyman ...                                          | ... | ... | "                          |
| G. L. Norville                                        | ... | ... | "                          |
| W. J. Cleveland                                       | ... | ... | "                          |
| E. C. Wallis                                          | ... | ... | "                          |
| W. Parks ...                                          | ... | ... | "                          |
| W. Fincham                                            | ... | ... | "                          |
| John Peake...                                         | ... | ... | "                          |
| G. M. Hockley                                         | ... | ..  | "                          |
| P. F. W. May                                          | ... | ... | "                          |
| E. Harrison                                           | ... | ... | "                          |
| G. W. Robinson                                        | ..  | ... | "                          |
| R. Williamson                                         | ... | ... | "                          |
| C. Craggs ...                                         | ... | ... | Stores Assistant.          |
| J. C. G. Barratt                                      | ... | ... | Stores Porter.             |
| A. H. Ewers                                           | ... | ... | "                          |
| T. W. Dean                                            | ... | ... | Assistant Tailor.          |
| W. Gray ...                                           | ... | ... | Butcher.                   |
| A. Sharp ...                                          | ... | ... | Fitter Driver.             |
| J. Coveney ...                                        | ... | ... | Engineers' Labourer.       |

## SEVERALLS ASYLUM.

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 CHAPLAIN'S REPORT

FOR THE

 Year ending 31st March, 1915.
 

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 To the Committee of Visitors, Essex and Colchester  
 Lunatic Asylums.

MR. CHAIRMAN AND GENTLEMEN,

I have much pleasure in presenting you with the Second Annual Report of my Chaplaincy.

I am glad to say that my work, in spite of the difference from ordinary parochial duties, continues to be full of interest and possibilities, and, I hope, beneficial to those amongst whom I minister; indeed, only to mention the expressions of gratitude of Convalescent Patients, sufficiently encourages the conclusion that the seed sown is not without result. I have been asked, "To what extent do you consider that spiritual remedies can alleviate insanity?" It might be worthy of note that not long ago a Committee, consisting of ten members of religious and ten members of the Medical and Surgical professions—amongst whom were the Deans of Westminster, St. Paul's, and Durham, Sir Dyce Duckworth, Dr. Hyslop and Sir C. Allbutt—have been investigating the influence religion had upon health. The following is a very brief summary of their conclusions:—

"Spiritual ministrations should be recognised equally  
 "with medical ministrations, as carrying God's blessings to  
 "the Sick. Health, bodily and mental, is capable of being  
 "influenced for good by spiritual means. The Committee  
 "desire to see an increased importance attached to Spiritual  
 "ministrations as contributory means to recovery."



On each Sunday and Wednesday Divine Services have been regularly held, as well as the weekly services in the Infirmaries. The Revds. R. W. Merrett, E. Monck-Mason, H. Stephens and C. Naters have kindly come and preached to us, and on our Harvest Festival the Bishop of Colchester kindly preached. The event of a special preacher should help our people to feel that they are not altogether isolated from their fellow Christians, but, on the contrary, possessed of every religious privilege they would enjoy in the world without.

The attendance of the Patients at the Sunday Services have considerably varied : they have been as low as 436 and as high as 632.

We are still without the use of our Chapel for Divine Services ; its erection and equipment had been completed, and we were actually arranging for the Service of Dedication when it was requisitioned for billeting troops.

The musical part of our services is efficient, although a weekly practice largely contributes to this efficiency, yet we must of course depend not only on the interest evoked but on the available talent, and in this respect we are more favourably placed as regards female than male voices. On important occasions the Choir is supplemented by the Orchestra. I may, perhaps, with propriety, record my thanks to each member for their hearty co-operation.

I pay pastoral visits every day to the Wards, and direct my labours with a view to implant faith in our fellow creatures and to establish a real relationship between us. Ministering, as I have to do, to many Denominations, I carefully abstain from anything likely to repel, feeling there is ample common ground on which to teach and illustrate Christianity ; and that even a little happy conversation, not strictly religious, may help to comfort and cheer the despondent.

Eighty-seven Patients have been discharged as recovered ; and in reply to my letters of commendation, many of their



respective Ministers have assured me of their willingness to assist them to find suitable employment and to give them the sympathy necessary to combat any public prejudice they may have to meet, while the pecuniary aid you have rendered to the needful must have been a great boon in a difficult time. The After Care Association have provided temporary homes for three of our convalescent patients.

**Library.**—The number of books issued during the twelve months as loans to individuals, Wards and Nurses totals 2,438. No books have been purchased since the last Report, but 123 have been added to the stock by binding the weekly illustrated papers and monthly magazines after circulation through the Wards, &c. The total number of books that belong to the Library amounts to 934. On every day each Ward throughout the Asylum is supplied with at least two newspapers, one of which is illustrated. In every week these several couples of newspapers are supplemented by two sixpenny illustrated papers, such as "The Graphic" and "The London Illustrated" and two or more penny papers (one of which is a county newspaper) and in every month by a sixpenny magazine. By a system of circulation and grouping together of Wards, we are able to supply a maximum amount of literature at a minimum cost. Kind friends have presented us with 479 (chiefly illustrated) papers.

Death has claimed 140 of our patients and four of our Staff. One of the latter died just on the eve of her Confirmation. Sixty-eight of these patients were interred at Colchester Cemetery.

I wish to record my gratitude to the Superintendent and his Staff for their courtesy and kindly help in the discharge of my duties.

Your obedient Servant,

T. J. L. DAVIES.

April 12th, 1915.



## SEVERALLS ASYLUM.

TABLE of RELIGIOUS DENOMINATIONS  
on March 31st, 1915.

|                                     |     |     |              |
|-------------------------------------|-----|-----|--------------|
| Church of England                   | ... | ... | 1,116        |
| Wesleyan Methodists                 | ... | ... | 77           |
| Independents and Congregationalists | ... | ... | 55           |
| Roman Catholics                     | ... | ... | 33           |
| Baptists                            | ... | ... | 36           |
| Salvation Army                      | ..  | ... | 9            |
| Peculiar Sect                       | ..  | ... | 5            |
| Jews                                | ... | ... | 4            |
| Presbyterians                       | ... | ... | 3            |
| Sweden Borgians                     | ... | ... | 1            |
| Plymouth Brethren                   | ... | ... | 0            |
| Lutherans                           | ... | ... | 3            |
| New Church                          | ... | ... | 1            |
| Nonconformist (Sect not mentioned)  | ... | ... | 34           |
| Unknown                             | ... | ... | 32           |
| None                                | ... | ... | 3            |
| Total                               | ... | ... | <u>1,412</u> |

# SEVERALLS ASYLUM.

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## LUNATIC ASYLUMS

Belonging to the Councils of the undermentioned County and  
Borough, viz. :—

**The Administrative County of Essex**

AND

**The Borough of Colchester.**

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## FINANCIAL STATEMENT.

The District Auditors' Act, 1879 (42 Vict. c. 6),

The Local Government Act, 1888 (51 and 52 Vict. c. 41),

and

The Lunacy Act, 1891 (54 and 55 Vic. c. 65).

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## STATEMENT

OF THE

# Receipts & Expenditure

OF THE

**Visiting Committee of the above-mentioned  
Lunatic Asylum.**

During the Year ended the 31st March, 1915.



## PART 1.—MAINTENANCE ACCOUNT

## EXPENDITURE.

|                                                                                      | £             | s.        | d.        | £      | s. | d. |
|--------------------------------------------------------------------------------------|---------------|-----------|-----------|--------|----|----|
| To Salaries and Wages—Officers                                                       | 3,502         | 18        | 10        |        |    |    |
| „ „ „ „ —Attendants and<br>others                                                    | 7,773         | 8         | 4         |        |    |    |
| „ Provisions ... ..                                                                  | 12,837        | 14        | 5         |        |    |    |
| „ Malt Liquor, Wine & Spirits                                                        | 8             | 7         | 2         |        |    |    |
| „ Clothing of Patients ..                                                            | 655           | 0         | 9         |        |    |    |
| „ „ Attendants ... ..                                                                | 156           | 16        | 2         |        |    |    |
| „ Necessaries ... ..                                                                 | 4,559         | 1         | 10        |        |    |    |
| „ Surgery and Dispensary ...                                                         | 437           | 0         | 1         |        |    |    |
| „ Furniture and Bedding ...                                                          | 424           | 14        | 3         |        |    |    |
| „ Funerals ... ..                                                                    | 143           | 0         | 4         |        |    |    |
| „ Rates and Taxes ... ..                                                             | 4,407         | 8         | 7         |        |    |    |
| „ Other Payments:—                                                                   |               |           |           |        |    |    |
| Printing, Stationery and<br>Advertisements ... 470                                   | 1             | 7         |           |        |    |    |
| Postage and Travelling<br>and Carriage of<br>Goods ... .. 178                        | 1             | 10        |           |        |    |    |
| Allowances to Patients<br>Discharged on Trial 64                                     | 10            | 0         |           |        |    |    |
| Entertainments<br>Account ... .. 192                                                 | 16            | 3         |           |        |    |    |
| Miscellaneous Pay-<br>ments ... .. 226                                               | 1             | 6         |           |        |    |    |
|                                                                                      | <u>1,131</u>  | <u>11</u> | <u>2</u>  |        |    |    |
|                                                                                      | 36,037        | 1         | 11        |        |    |    |
| Less profit on Farm and<br>Garden Account ... ..                                     | 306           | 7         | 0         |        |    |    |
|                                                                                      | <u>35,730</u> | <u>14</u> | <u>11</u> |        |    |    |
| „ Transfer to Building and Repairs<br>Account, being excess of weekly<br>charge on:— |               |           |           |        |    |    |
| Out-County Patients ...                                                              | 78            | 7         | 8         |        |    |    |
| Criminal „ ...                                                                       | 3             | 4         | 8         |        |    |    |
| Private „ ...                                                                        | 493           | 18        | 5         |        |    |    |
| Contract „ ...                                                                       | 1,214         | 10        | 2         |        |    |    |
|                                                                                      | <u>1,790</u>  | <u>0</u>  | <u>11</u> |        |    |    |
|                                                                                      |               |           |           | 37,520 | 15 | 10 |
| „ Balance in favour of Maintenance<br>Account ... ..                                 |               |           |           | 14,207 | 16 | 2  |

£51,728 12 0

# ASYLUM.

for the Year ended 31st March, 1915.

## INCOME.

|                                                                                                                      | £      | s. | d. | £              | s.        | d.       |
|----------------------------------------------------------------------------------------------------------------------|--------|----|----|----------------|-----------|----------|
| By Balance at the commencement of the Year ... ..                                                                    |        |    |    | 11,360         | 6         | 6        |
| „ Sundry Sales (excluding Farm and Garden Sales credited to Farm and Garden Account) ...                             | 90     | 8  | 2  |                |           |          |
| „ SUMS RECEIVED & RECEIVABLE ON ACCOUNT OF MAINTENANCE OF PAUPER & PRIVATE PATIENTS:                                 |        |    |    |                |           |          |
| From the Guardians of Unions and Parishes within the County at 11/8 per head per week ...                            | 33,717 | 13 | 4  |                |           |          |
| From the Guardians of other Unions and Parishes at 14/- per head per week ...                                        | 312    | 6  | 4  |                |           |          |
| From the Treasurer of the Contributory County for patients adjudged chargeable thereto at 11/8 per head per week ... | 520    | 10 | 0  |                |           |          |
| From the Treasurer of non-Contributory Borough at 16/- per head per week ...                                         | 4,488  | 16 | 10 |                |           |          |
| From the Treasurer of Norfolk County Asylum for Patients received under agreement at cost ...                        | 86     | 15 | 0  |                |           |          |
| From others for maintenance of Private Patients at 21/- per head per week ...                                        | 960    | 0  | 0  |                |           |          |
| From Prisons Commissioners for Criminal Patients at 14/- per head per week ...                                       | 12     | 4  | 0  |                |           |          |
| „ Funeral Expenses:—                                                                                                 |        |    |    |                |           |          |
| From the Guardians of Unions & Parishes within the County...                                                         | 119    | 19 | 0  |                |           |          |
| From the Treasurer of the Contributory County ...                                                                    | 2      | 1  | 6  |                |           |          |
| From the Treasurer of non - Contributory Borough ...                                                                 | 14     | 10 | 6  |                |           |          |
|                                                                                                                      |        |    |    | 136            | 11        | 0        |
| „ Other Receipts ... ..                                                                                              |        |    |    | 43             | 0         | 10       |
|                                                                                                                      |        |    |    | <u>40,368</u>  | <u>5</u>  | <u>6</u> |
|                                                                                                                      |        |    |    | <u>£51,728</u> | <u>12</u> | <u>0</u> |



## SEVERALL'S ASYLUM.

### Details of Expenditure in respect of Patients under the heading of "Other Payments."

|                                                                                                                 |        | £      | s. | d  |
|-----------------------------------------------------------------------------------------------------------------|--------|--------|----|----|
| Adjusting Refrigerating Machine                                                                                 | ...    | 2      | 7  | 5  |
| Allowance to Patients discharged "On Trial"                                                                     | ...    | 64     | 10 | 0  |
| Analyst's Fees                                                                                                  | ... .. | 12     | 2  | 6  |
| Cheque Books                                                                                                    | ... .. | 7      | 0  | 0  |
| Church Music                                                                                                    | ... .. | 0      | 14 | 2  |
| Clerk's, Storekeeper's and Farm Bailiff's Bonds                                                                 | ...    | 2      | 17 | 0  |
| Clock Winding                                                                                                   | ... .. | 13     | 12 | 6  |
| Entertainments—comprising Amusements, Provisions consumed in Associated Entertainments and extra Christmas Fare | ... .. | 192    | 16 | 3  |
| Fee, Re-certification of Patient...                                                                             | ...    | 1      | 1  | 0  |
| Flower Pots                                                                                                     | ... .. | 2      | 19 | 0  |
| Garden Canes and Poles                                                                                          | ... .. | 4      | 13 | 4  |
| Gas for Refrigerating Plant                                                                                     | ... .. | 1      | 16 | 0  |
| Kitchen Horse and set of Harness for same                                                                       | ...    | 42     | 10 | 0  |
| Medico-Psychological Association Fees                                                                           | ...    | 1      | 15 | 0  |
| Newspapers and Periodicals                                                                                      | ... .. | 43     | 4  | 4  |
| Petty Disbursements                                                                                             | ... .. | 2      | 9  | 10 |
| Plants for Wards                                                                                                | ... .. | 2      | 11 | 0  |
| Postage and Travelling Carriage of Goods                                                                        | ...    | 178    | 1  | 10 |
| Printing Annual Report and Manual of Duties                                                                     | ...    | 26     | 2  | 3  |
| Printing, Stationery and Advertisements                                                                         | ...    | 470    | 1  | 7  |
| Recapture of Patients                                                                                           | ... .. | 0      | 15 | 5  |
| Removal Expenses of Patients                                                                                    | ... .. | 2      | 13 | 0  |
| Repairs to Lawn Mowers                                                                                          | ... .. | 3      | 0  | 10 |
| Repairs to Musical Instruments                                                                                  | ... .. | 1      | 13 | 4  |
| Seeds for Airing Courts                                                                                         | ... .. | 1      | 5  | 0  |
| St. John Ambulance Examination Fees                                                                             | ...    | 6      | 18 | 10 |
| Tent Wire                                                                                                       | ... .. | 1      | 2  | 0  |
| Telephone Service                                                                                               | ... .. | 28     | 10 | 3  |
| Tuning Pianos and Repairs                                                                                       | ... .. | 12     | 7  | 6  |
|                                                                                                                 |        | £1,131 | 11 | 2  |

# SEVERALLS ASYLUM.

## AVERAGE WEEKLY COST PER HEAD

of Maintenance, Medical Care and Clothing of Patients for  
the Year ended 31st March, 1915, worked upon the Basis of  
Consumption.

| Expenditure under the following Headings.                                      | £      | s. | d. | Total cost. | £  | s. | d. | Average Weekly Cost per Head. | s. | d.      |
|--------------------------------------------------------------------------------|--------|----|----|-------------|----|----|----|-------------------------------|----|---------|
| Salaries and Wages ...                                                         |        |    |    | 11,276      | 7  | 2  |    | 3                             | 5  | 17      |
| Provisions ...                                                                 | 11,902 | 18 | 1  |             |    |    |    |                               |    |         |
| Supplies from Farm and Garden ...                                              | 934    | 16 | 4  |             |    |    |    |                               |    |         |
|                                                                                |        |    |    | 12,837      | 14 | 5  |    | 3                             | 10 | 88      |
| Malt Liquor, Wines and Spirits ...                                             |        |    |    | 8           | 7  | 2  |    |                               |    | 03      |
| Clothing for Patients                                                          |        |    |    | 655         | 0  | 9  |    |                               |    | 239     |
| "    Attendants                                                                |        |    |    | 156         | 16 | 2  |    |                               |    | 57      |
| Necessaries ...                                                                |        |    |    | 4,559       | 1  | 10 |    | 1                             |    | 465     |
| Surgery & Dispensary                                                           |        |    |    | 437         | 0  | 1  |    |                               |    | 160     |
| Furniture & Bedding                                                            |        |    |    | 424         | 14 | 3  |    |                               |    | 155     |
| Funerals ...                                                                   |        |    |    | 143         | 0  | 4  |    |                               |    | 52      |
| Rates and Taxes ...                                                            |        |    |    | 4,407       | 8  | 7  |    | 1                             |    | 409     |
| Miscellaneous ...                                                              |        |    |    | 1,131       | 11 | 2  |    |                               |    | 413     |
|                                                                                |        |    |    | 36,037      | 1  | 11 |    | 10                            | 11 | 58      |
| Less Sundry Receipts:—                                                         |        |    |    |             |    |    |    |                               |    |         |
| Kitchen Stuff and Sundry Sales ...                                             | 90     | 8  | 2  |             |    |    |    |                               |    |         |
| Other Receipts ...                                                             | 43     | 0  | 10 |             |    |    |    |                               |    |         |
| Funeral Expenses ..                                                            | 136    | 11 | 0  |             |    |    |    |                               |    |         |
| Allowances on Trial                                                            | 64     | 10 | 0  |             |    |    |    |                               |    |         |
|                                                                                |        |    |    | 334         | 10 | 0  |    |                               |    | 122     |
|                                                                                |        |    |    | 35,702      | 11 | 11 |    | 10                            | 10 | 36      |
| Less Profit on Farm and Garden Account                                         |        |    |    | 306         | 7  | 0  |    |                               |    | 112     |
|                                                                                |        |    |    | £35,396     | 4  | 11 |    |                               |    |         |
| Average Weekly Cost per head                                                   |        |    |    |             |    |    |    | 10                            | 9  | 24      |
|                                                                                |        |    |    |             |    |    |    | 11                            | 8  |         |
| Weekly Charge for Patients from County and Borough to which Asylum belongs ... |        |    |    |             |    |    |    |                               |    | 11/8    |
| Average number Resident ...                                                    |        |    |    |             |    |    |    |                               |    | 1,260   |
| Total number of Days of Residence                                              |        |    |    |             |    |    |    |                               |    | 460,102 |



## SEVERALLS

## PART 2.—BUILDING AND REPAIRS FUND

## EXPENDITURE.

|                                                     | £      | s. | d. | £      | s. | d. |
|-----------------------------------------------------|--------|----|----|--------|----|----|
| Sums paid and payable on Account of :               |        |    |    |        |    |    |
| Ordinary Repairs ... ..                             | 2,681  | 1  | 11 |        |    |    |
| Additions, Alterations and Im-<br>provements ... .. | 362    | 5  | 10 |        |    |    |
| New Buildings and Extraordinary<br>Outlay ... ..    | 19,123 | 15 | 7  |        |    |    |
| Other Payments :—                                   |        |    |    |        |    |    |
| Insurance... ..                                     | 231    | 15 | 0  |        |    |    |
| Deposits by Tenderers ... ..                        | 66     | 0  | 0  |        |    |    |
|                                                     |        |    |    | 22,464 | 18 | 4  |

|                |  |  |  |       |   |    |
|----------------|--|--|--|-------|---|----|
| Balance ... .. |  |  |  | 1,790 | 0 | 11 |
|----------------|--|--|--|-------|---|----|

|                          |  |  |  |         |    |   |
|--------------------------|--|--|--|---------|----|---|
| TOTAL EXPENDITURE ... .. |  |  |  | £24,254 | 19 | 3 |
|--------------------------|--|--|--|---------|----|---|





## SEVERALLS

## SUMMARY OF EXPENDITURE IN PARTS 1 &amp; 2.

## EXPENDITURE.

|                                                                                                                          | £      | s. | d.         |
|--------------------------------------------------------------------------------------------------------------------------|--------|----|------------|
| Maintenance Account ... ..                                                                                               | 37,520 | 15 | 10         |
| Building and Repairs Fund Account ... ..                                                                                 | 22,464 | 18 | 4          |
|                                                                                                                          | <hr/>  |    |            |
|                                                                                                                          | 59,985 | 14 | 2          |
| Less Transfers from the Maintenance Account to<br>the Building and Repairs Fund Account, and<br><i>vice versa</i> ... .. |        |    | 1,790 0 11 |

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**TOTAL EXPENDITURE** ... .. **£58,195 13 3**  

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## ASYLUM.

## SUMMARY OF INCOME IN PARTS 1 &amp; 2.

|                                                                                                                   |     |     |     | INCOME. |    |    |
|-------------------------------------------------------------------------------------------------------------------|-----|-----|-----|---------|----|----|
|                                                                                                                   |     |     |     | £       | s. | d. |
| Maintenance Account                                                                                               | ... | ... | ... | 40,368  | 5  | 6  |
| Building and Repairs Fund Account                                                                                 | ... | ... | ... | 24,254  | 19 | 3  |
|                                                                                                                   |     |     |     | <hr/>   |    |    |
|                                                                                                                   |     |     |     | 64,623  | 4  | 9  |
| Less Transfers from the Maintenance Account to<br>the Building and Repairs Fund Account, and<br><i>vice versa</i> | ... | ... | ... | 1,790   | 0  | 11 |

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TOTAL INCOME                   ...                   ... £62,833   3   10

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## SEVERALLS

## PART 3.—FARMING AND GARDENING

## EXPENDITURE.

|                                                       | £   | s. | d. | £      | s. | d. |
|-------------------------------------------------------|-----|----|----|--------|----|----|
| Value of Stock at the commencement of the year ... .. |     |    |    | 2,301  | 0  | 7  |
| Sums paid during the year in respect of—              |     |    |    |        |    |    |
| Labour (not that of Patients) ...                     | 727 | 6  | 7  |        |    |    |
| Provender ... ..                                      | 135 | 18 | 4  |        |    |    |
| Seeds and Manures ... ..                              | 213 | 14 | 7  |        |    |    |
| Stock, Live and Dead (bought) ...                     | 623 | 17 | 9  |        |    |    |
| Other Payments :—                                     |     |    |    |        |    |    |
| Farm Sundries ... ..                                  | 64  | 1  | 0  |        |    |    |
| Rates ... ..                                          | 11  | 13 | 6  |        |    |    |
| Insurance ... ..                                      | 8   | 14 | 7  |        |    |    |
| Carriage ... ..                                       | 18  | 0  | 4  |        |    |    |
|                                                       |     |    |    | 102    | 9  | 5  |
|                                                       |     |    |    | 1,803  | 6  | 8  |
| TOTAL EXPENDITURE ...                                 |     |    |    | 4,104  | 7  | 3  |
| Balance in favour of Farm & Garden                    |     |    |    | 306    | 7  | 0  |
| TOTAL ... ..                                          |     |    |    | £4,410 | 14 | 3  |

# ASYLUM.

## ACCOUNT for the Year ended 31st March, 1915.

### RECEIPTS.

|                                                                                         | £   | s. | d.    | £      | s. | d. |
|-----------------------------------------------------------------------------------------|-----|----|-------|--------|----|----|
| Sums received during the year from                                                      |     |    |       |        |    |    |
| Sales ... ..                                                                            |     |    |       | 1,495  | 2  | 1  |
| Value of Goods supplied to the Asylum during the year, viz. :—                          |     |    |       |        |    |    |
| Pork ... ..                                                                             | 6   | 17 | 7     |        |    |    |
| Eggs ... ..                                                                             | 10  | 4  | 5     |        |    |    |
| Milk ... ..                                                                             | 409 | 0  | 1     |        |    |    |
| Potatoes and other Vegetables ...                                                       | 493 | 15 | 11    |        |    |    |
| Other items, viz. :—                                                                    |     |    |       |        |    |    |
| Faggots ... ..                                                                          | 14  | 0  | 0     |        |    |    |
| Rabbits ... ..                                                                          | 0   | 18 | 4     |        |    |    |
| Cartage of Coal ... ..                                                                  | 50  | 2  | 9     |        |    |    |
| Sundry Debtors ... ..                                                                   | 26  | 12 | 0     |        |    |    |
|                                                                                         |     |    | 91    | 13     | 1  |    |
|                                                                                         |     |    | 1,011 | 11     | 1  |    |
| Other Receipts :—                                                                       |     |    |       |        |    |    |
| Military for stabling of horses ... ..                                                  | 67  | 0  | 0     |        |    |    |
|                                                                                         |     |    | 67    | 0      | 0  |    |
|                                                                                         |     |    |       | 1,078  | 11 | 1  |
| TOTAL RECEIPTS ... ..                                                                   |     |    |       | 2,573  | 13 | 2  |
| Value of Stock at the end of the year (Valuation by Messrs. Sexton and Grimwade) ... .. |     |    |       | 1,837  | 1  | 1  |
| TOTAL ... ..                                                                            |     |    |       | £4,410 | 14 | 3  |



# SEVERALLS BALANCE

**LIABILITIES, Year ended 31st March, 1915.**

|                                                                  |  | £      | s. | d. | £     | s.     | d.     |
|------------------------------------------------------------------|--|--------|----|----|-------|--------|--------|
| To Sundry Creditors :—                                           |  |        |    |    |       |        |        |
| Invoice Account      ...      ...                                |  | 5,531  | 17 | 0  |       |        |        |
| Deposit in excess for maintenance<br>of Private Patient      ... |  |        | 0  | 15 |       |        |        |
|                                                                  |  |        |    |    | ----- | 5,532  | 12   0 |
| „ Balance :—                                                     |  |        |    |    |       |        |        |
| „ Maintenance Account      ...                                   |  | 14,207 | 16 | 2  |       |        |        |
| „ Buildings and Repairs Account ...                              |  | 1,790  | 0  | 11 |       |        |        |
| „ Suspense Account      ...      ...                             |  | 5,567  | 0  | 4  |       |        |        |
|                                                                  |  |        |    |    | ----- | 21,564 | 17   5 |

TOTAL      ..      ...      ...      £27,097   9   5

# ASYLUM. SHEET.

## ASSETS, Year ended 31st March, 1915.

|                                                                             | £      | s. | d. | £     | s. | d. | £       | s. | d. |
|-----------------------------------------------------------------------------|--------|----|----|-------|----|----|---------|----|----|
| By Cash: Treasurer ...                                                      | 10,097 | 0  | 8  |       |    |    |         |    |    |
| Less due to<br>Treasurer...                                                 | 1,225  | 15 | 10 |       |    |    |         |    |    |
|                                                                             |        |    |    | 8,871 | 4  | 10 |         |    |    |
| „ Clerk ...                                                                 |        |    |    | 127   | 11 | 9  |         |    |    |
| „ Sums due to Treasurer :—                                                  |        |    |    |       |    |    | 8,998   | 16 | 7  |
| MAINTENANCE ACCOUNT :                                                       |        |    |    |       |    |    |         |    |    |
| From Guardians of County Unions<br>for Maintenance, &c. ...                 |        |    |    | 8,328 | 8  | 6  |         |    |    |
| From Guardians of other Unions<br>for Maintenance ...                       |        |    |    | 105   | 8  | 4  |         |    |    |
| From Country Treasurer for<br>Maintenance ...                               |        |    |    | 127   | 10 | 0  |         |    |    |
| From Treasurer of non-Contribu-<br>tory Borough for Maintenance,<br>&c. ... |        |    |    | 1,147 | 3  | 3  |         |    |    |
| From Treasurers of other Asylums<br>for Maintenance ...                     |        |    |    | 86    | 15 | 0  |         |    |    |
| From others for Maintenance of<br>Criminal Patient ...                      |        |    |    | 9     | 0  | 0  |         |    |    |
| „ Sums due from County & Borough<br>Treasurers :—                           |        |    |    |       |    |    | 9,804   | 5  | 1  |
| „ BUILDING AND REPAIRS ACCOUNT :—                                           |        |    |    |       |    |    |         |    |    |
| Ordinary Repairs ...                                                        |        |    |    | 181   | 1  | 11 |         |    |    |
| Additions, Alterations & Improve-<br>ments ...                              |        |    |    | 362   | 5  | 10 |         |    |    |
| New Buildings and extraordinary<br>Outlay ...                               |        |    |    | 1,225 | 15 | 10 |         |    |    |
| Insurance ...                                                               |        |    |    | 231   | 15 | 0  |         |    |    |
| „ SUMS DUE :—                                                               |        |    |    |       |    |    | 2,000   | 18 | 7  |
| Suspense Account ...                                                        |        |    |    | 870   | 0  | 0  |         |    |    |
| Sundry Debtors ...                                                          |        |    |    | 155   | 18 | 2  |         |    |    |
| „ VALUE OF STOCKS IN HAND :—                                                |        |    |    |       |    |    | 1,025   | 18 | 2  |
| Provisions ...                                                              |        |    |    | 564   | 13 | 9  |         |    |    |
| Baking ...                                                                  |        |    |    | 122   | 0  | 6  |         |    |    |
| Malt Liquor, Wine and Spirits...                                            |        |    |    | 1     | 8  | 1  |         |    |    |
| Farm and Garden ...                                                         |        |    |    | 1,837 | 1  | 1  |         |    |    |
| Clothing—Patients ...                                                       |        |    |    | 1,191 | 15 | 8  |         |    |    |
| „ Attendants ...                                                            |        |    |    | 169   | 15 | 3  |         |    |    |
| Necessaries ...                                                             |        |    |    | 475   | 18 | 8  |         |    |    |
| Furniture and Bedding ...                                                   |        |    |    | 899   | 19 | 8  |         |    |    |
| Funerals ...                                                                |        |    |    | 4     | 18 | 4  |         |    |    |
|                                                                             |        |    |    |       |    |    | 5,267   | 11 | 0  |
| TOTAL ...                                                                   |        |    |    |       |    |    | £27,097 | 9  | 5  |

R. OVEREND,  
Clerk of the Asylum.



# SEVERALLS ASYLUM.

## THE ESTABLISHMENT, Dec. 31, 1914.

| <b>OFFICERS.</b>                    | <i>per annum.</i> |           |           | <i>Length of Service.</i> |             |                                                                                                                  |
|-------------------------------------|-------------------|-----------|-----------|---------------------------|-------------|------------------------------------------------------------------------------------------------------------------|
|                                     | <i>£</i>          | <i>s.</i> | <i>d.</i> | <i>Yrs.</i>               | <i>Mos.</i> |                                                                                                                  |
| Medical Superintendent ..           | 900               | 0         | 0         | 4                         | 0           | Unfurnished House, Coals, Firewood for kindling, Light, Garden Produce, Washing, Stabling, and upkeep of Garden. |
| Senior Assistant Medical Officer .. | 355               | 0         | 0         | 1                         | 6           | Furnished Apartments, Board, Attendance, and Washing.                                                            |
| 2nd Assistant Medical Officer..     | 270               | 0         | 0         | 1                         | 6           | Furnished Apartments, Board, Attendance, and Washing.                                                            |
| 3rd Assistant Medical Officer..     | 240               | 0         | 0         | 2                         | 3           | Furnished Apartments, Board, Attendance, and Washing.                                                            |
| 4th Assistant Medical Officer..     | 210               | 0         | 0         |                           | 6           | Furnished Apartments, Board, Attendance, and Washing.                                                            |
| Chaplain ..                         | 310               | 0         | 0         | 1                         | 5           | Non-Resident.                                                                                                    |
| Clerk to the Visitors ..            | 162               | 10        | 0         |                           |             | Non-Resident.                                                                                                    |
| Clerk of the Asylum ..              | 223               | 12        | 0         | 12                        | 10          | House, Coals. Firewood for kindling, and Light.                                                                  |
| Storekeeper ..                      | 220               | 0         | 0         | 2                         | 5           | Breakfast, Dinner, and Tea on working days.                                                                      |
| Inspector ..                        | 110               | 0         | 0         | 1                         | 7           | House, Coals, Firewood for kindling, Light & Uniform.                                                            |
| „ as Bandmaster ..                  | 12                | 0         | 0         |                           |             |                                                                                                                  |
| Matron ..                           | 100               | 0         | 0         | 1                         | 7           | Furnished Apartments, Board, Attendance, Washing, and Uniform.                                                   |
| Assistant Matron ..                 | 72                | 0         | 0         | 1                         | 6           | Board, Lodging, Washing & Uniform.                                                                               |

**The Establishment—continued.**

| <b>Officers—continued.</b>     | <i>per annum.</i> |    |    | <i>Length of Service.</i> |             |                                                   |
|--------------------------------|-------------------|----|----|---------------------------|-------------|---------------------------------------------------|
|                                | £                 | s. | d. | <i>Yrs.</i>               | <i>Mos.</i> |                                                   |
| Engineer & Clerk of Works ..   | 200               | 0  | 0  | 2                         | 1           | } House, Coals, Fire-wood for kindling and Light. |
| 1st Assistant Clerk ..         | 100               | 0  | 0  | 2                         | 8           | } Dinner and Tea on working days.                 |
| 2nd Assistant Clerk ..         | 75                | 0  | 0  | 1                         | 6           | } Dinner and Tea on working days.                 |
| ,, as Organist..               | 25                | 0  | 0  |                           |             |                                                   |
| 3rd Assistant Clerk ..         | 43                | 0  | 0  | 1                         | 6           | } Dinner and Tea on working days.                 |
| Assistant Storekeeper { ..     | 95                | 0  | 0  | 2                         | 0           | } Breakfast, Dinner and Tea on working days.      |
| Stores and Engineer's Clerk .. | 75                | 0  | 0  |                           | 5           | } Breakfast, Dinner and Tea on working days.      |
| Dispenser ..                   | 95                | 0  | 0  | 1                         | 4           | } Dinner and Tea on working days.                 |

**Male Attendants and Servants.**

|                                     | <i>per annum.</i> |    |    |                                         |
|-------------------------------------|-------------------|----|----|-----------------------------------------|
|                                     | £                 | s. | d. |                                         |
| *§One Head Day Attendant ..         | 61                | 0  | 0  | Washing and Uniform.                    |
| §One Head Day Attendant ..          | 56                | 0  | 0  | } Board, Washing & Uniform.             |
| *§One Gate Keeper Head Attendant .. | 61                | 1  | 0  | Washing and Uniform.                    |
| One Acting Day Head Attendant ..    | 56                | 0  | 0  | } Board, Lodging, Washing and Uniform.  |
| †One ditto .. ..                    | 48                | 0  | 0  | Board, Washing & Uniform.               |
| *§One Head Night Attendant ..       | 59                | 0  | 0  | Washing and Uniform.                    |
| Four Day Attendants ..              | 46                | 0  | 0  | } Board, Lodging, Washing and Uniform.  |
| One Night Attendant ..              | 46                | 0  | 0  | } Board, Lodging, Washing, and Uniform. |
| †One Day Attendant ..               | 46                | 0  | 0  | Board, Washing & Uniform.               |
| ††Two Night Attendants ..           | 46                | 0  | 0  | Washing and Uniform.                    |
| Four Day Attendants ..              | 44                | 0  | 0  | } Board, Lodging, Washing, and Uniform. |
| One Night Attendant ..              | 44                | 0  | 0  |                                         |
| †One Day Attendant ..               | 44                | 0  | 0  | Board, Washing & Uniform.               |
| ††Three Night Attendants..          | 44                | 0  | 0  | Washing and Uniform.                    |

\*An allowance of 10s. 6d. per week is paid in lieu of Board.

|   |    |               |    |    |             |
|---|----|---------------|----|----|-------------|
| † | .. | 5s.           | .. | .. | Lodging.    |
| † | .. | 9s.           | .. | .. | part Board. |
| § | .. | £20 per annum | .. | .. | Lodging.    |



## The Establishment—*continued.*

### Male Attendants and Servants—*continued.*

|                             |    | <i>per annum.</i> |    |    |                                                 |
|-----------------------------|----|-------------------|----|----|-------------------------------------------------|
|                             |    | £                 | s. | d. |                                                 |
| Ten Day Attendants ..       | .. | 37                | 0  | 0  | } Board, Lodging, Washing,<br>and Uniform.      |
| One Day Attendant ..        | .. | 38                | 0  | 0  |                                                 |
| Ten Day Attendants ..       | .. | 33                | 0  | 0  |                                                 |
| Fourteen Day Attendants     | .. | 32                | 0  | 0  |                                                 |
| *†One 1st Class Hall Porter | .. | 52                | 0  | 0  | Washing and Uniform.                            |
| One 1st Class Hall Porter   | .. | 52                | 0  | 0  | } Board, Lodging, Washing,<br>and Uniform.      |
| ††One 2nd Class Hall Porter | .. | 46                | 0  | 0  | Washing and Uniform.                            |
| *†One Acting Gatekeeper ..  | .. | 50                | 0  | 0  | Washing and Uniform.                            |
| One Fireman ..              | .. | 54                | 12 | 0  | } Board, Lodging, Washing<br>and Uniform.       |
| One Messman ..              | .. | 44                | 0  | 0  |                                                 |
| One Assistant Engineer ..   | .. | 90                | 0  | 0  | } Board, Lodging, Washing,<br>and Overalls.     |
| One Stores Porter ..        | .. | 57                | 10 | 0  | } Breakfast, Dinner and Tea<br>on Working Days. |
| One Stores Porter ..        | .. | 57                | 0  | 0  |                                                 |
| One Sculleryman ..          | .. | 46                | 0  | 0  |                                                 |
| One Butcher ..              | .. | 57                | 0  | 0  |                                                 |
|                             |    | <i>per week.</i>  |    |    |                                                 |
| One Coal Porter ..          | .. | 1                 | 3  | 0  | } Non-resident,                                 |
| One Tinsmith ..             | .. | 1                 | 17 | 0  |                                                 |
| One Upholsterer ..          | .. | 1                 | 13 | 0  |                                                 |
| One Assistant Upholsterer   | .. | 1                 | 6  | 0  |                                                 |
| One Gardener ..             | .. | 1                 | 1  | 0  |                                                 |
| One Baker ..                | .. | 1                 | 10 | 0  |                                                 |
| One Assistant Baker ..      | .. | 1                 | 4  | 0  |                                                 |
| One Tailor ..               | .. | 1                 | 17 | 0  |                                                 |
| One Assistant Tailor ..     | .. | 1                 | 10 | 0  |                                                 |
| One Shoemaker ..            | .. | 1                 | 17 | 0  |                                                 |
| One Assistant Shoemaker     | .. | 1                 | 10 | 0  |                                                 |
| One Laundryman ..           | .. | 1                 | 12 | 0  |                                                 |
| One Carpenter ..            | .. | 1                 | 16 | 0  |                                                 |
| Two Carpenters ..           | .. | 1                 | 14 | 0  |                                                 |
| Two Carpenters ..           | .. | 1                 | 13 | 0  |                                                 |
| One Fitter ..               | .. | 1                 | 17 | 0  |                                                 |
| One Fitter ..               | .. | 1                 | 11 | 0  |                                                 |
| Two Fitter Drivers ..       | .. | 1                 | 16 | 0  |                                                 |
| Two Fitter Drivers ..       | .. | 1                 | 15 | 0  |                                                 |
| One Painter ..              | .. | 1                 | 11 | 0  |                                                 |
| One Painter ..              | .. | 1                 | 9  | 0  |                                                 |
| One Bricklayer ..           | .. | 1                 | 14 | 0  |                                                 |
| One Bricklayer ..           | .. | 1                 | 13 | 0  |                                                 |
| One Blacksmith ..           | .. | 1                 | 9  | 0  |                                                 |
| Three Stokers ..            | .. | 1                 | 5  | 0  |                                                 |
| One Sweep and Labourer      | .. | 1                 | 2  | 0  |                                                 |
| Two Labourers ..            | .. | 1                 | 2  | 0  |                                                 |
| Two Labourers ..            | .. | 1                 | 1  | 0  |                                                 |

\*An allowance of 10s. 6d. per week in lieu of Board.

|   |    |     |    |    |             |
|---|----|-----|----|----|-------------|
| † | .. | 5s. | .. | .. | Lodgings.   |
| † | .. | 9s. | .. | .. | part Board. |

**The Establishment—continued.****Male Attendants and Servants—continued.**

|                        |       | <i>per week.</i> |    |    |                                                              |
|------------------------|-------|------------------|----|----|--------------------------------------------------------------|
|                        |       | £                | s. | d. |                                                              |
| One Farm Bailiff .. .. | .. .. | 1                | 15 | 0  | } Cottage, Coals, Light,<br>Washing, Vegetables and<br>Milk. |

**Nurses and Servants.**

|                               |       | <i>per annum.</i> |    |    |                                           |
|-------------------------------|-------|-------------------|----|----|-------------------------------------------|
|                               |       | £                 | s. | d. |                                           |
| One Head Day Nurse .. ..      | .. .. | 47                | 0  | 0  | } Board, Lodging, Washing<br>and Uniform. |
| Three Head Day Nurses.. ..    | .. .. | 45                | 0  | 0  |                                           |
| One Head Night Nurse .. ..    | .. .. | 47                | 3  | 0  |                                           |
| One Day Nurse .. ..           | .. .. | 39                | 0  | 0  |                                           |
| Thirteen Day Nurses .. ..     | .. .. | 36                | 0  | 0  |                                           |
| One Night Nurse .. ..         | .. .. | 35                | 0  | 0  |                                           |
| Six Day Nurses .. ..          | .. .. | 32                | 0  | 0  |                                           |
| Two Night Nurses .. ..        | .. .. | 32                | 0  | 0  |                                           |
| Six Day Nurses .. ..          | .. .. | 28                | 0  | 0  |                                           |
| Two Night Nurses .. ..        | .. .. | 28                | 0  | 0  |                                           |
| Seven Day Nurses .. ..        | .. .. | 27                | 0  | 0  |                                           |
| Five Night Nurses .. ..       | .. .. | 27                | 0  | 0  |                                           |
| Sixteen Day Nurses .. ..      | .. .. | 23                | 0  | 0  |                                           |
| Eight Day Nurses .. ..        | .. .. | 22                | 0  | 0  |                                           |
| Seventeen Probationer Nurses  | .. .. | 21                | 0  | 0  |                                           |
| One Cook .. ..                | .. .. | 54                | 0  | 0  |                                           |
| One Assistant Cook .. ..      | .. .. | 38                | 0  | 0  |                                           |
| Two Cook's Assistants .. ..   | .. .. | 25                | 0  | 0  |                                           |
| Three Cook's Assistants .. .. | .. .. | 23                | 0  | 0  |                                           |
| One Laundry Mistress .. ..    | .. .. | 45                | 0  | 0  |                                           |
| Three Laundry Maids .. ..     | .. .. | 25                | 0  | 0  |                                           |
| One Laundry Maid .. ..        | .. .. | 24                | 0  | 0  |                                           |
| Four Laundry Maids .. ..      | .. .. | 23                | 0  | 0  |                                           |
| Two Laundry Maids .. ..       | .. .. | 22                | 0  | 0  |                                           |
| One Needle Mistress .. ..     | .. .. | 45                | 0  | 0  |                                           |
| One Messroom Maid .. ..       | .. .. | 36                | 0  | 0  |                                           |
| One Housemaid .. ..           | .. .. | 24                | 0  | 0  |                                           |
| Three Housemaids .. ..        | .. .. | 20                | 0  | 0  |                                           |



# SEVERALLS ASYLUM.

## TABLE A I.

GENERAL TABLE, showing the movement of the Asylum  
Population during the year 1914.

|                                                                  | CERTIFIED PATIENTS. |     |      |     |     |      |
|------------------------------------------------------------------|---------------------|-----|------|-----|-----|------|
|                                                                  | M.                  | F.  | T.   | M.  | F.  | T.   |
| On the Asylum Registers January 1st, 1914.. ..                   | 490                 | 620 | 1110 |     |     |      |
| Total cases admitted during the year                             | 165                 | 203 | 368  |     |     |      |
| Total Cases under treatment during the year .. ..                |                     |     |      | 655 | 823 | 1478 |
| Cases discharged or transferred during the year :—               |                     |     |      |     |     |      |
| Recovered .. ..                                                  | 24                  | 36  | 60   |     |     |      |
| Relieved .. ..                                                   | 8                   | 11  | 19   |     |     |      |
| Not improved .. ..                                               | —                   | 11  | 11   |     |     |      |
| Died during the year .. ..                                       | 45                  | 67  | 112  |     |     |      |
| Total cases discharged, transferred, and died during the year .. |                     |     |      | 77  | 125 | 202  |
| On the Asylum Registers December 31st, 1914 .. ..                |                     |     |      | 578 | 698 | 1276 |
| Average daily number on the Registers during the year ..         |                     |     |      | 552 | 676 | 1228 |

CERTIFIED PERSONS (*i.e.*, separate persons in contradistinction to "cases" which may include the same individual more than once.)

|                                            | M.  | F.  | T.   |
|--------------------------------------------|-----|-----|------|
| Certified under care during the year .. .. | 654 | 819 | 1473 |
| ,, admitted .. ..                          | 164 | 199 | 363  |
| ,, recovered .. ..                         | 24  | 36  | 60   |

## SEVERALLS ASYLUM.

TABLE A 2.

Showing the Admissions, Discharges, and Deaths, with the mean Annual Mortality and Proportion of Recoveries per cent. of the Admissions for each Year since the opening of the Asylum.

| Years. | Admitted. |          |        | Total No. under Treatment. |          |        | Discharged. |          |        |           |          |        |              |          |        | Died.  |          |        | Remaining 31st December in each year. |          |        | Average Number Resident. |          |        | Percentage of Recoveries on admissions. |          |        | Percentage of Recoveries on Direct Admissions. |          |        | Percentage of Recoveries yielded by and on the Direct Admissions. |          |        | Percentage of Deaths on Average Number Resident. |          |        | Years. |
|--------|-----------|----------|--------|----------------------------|----------|--------|-------------|----------|--------|-----------|----------|--------|--------------|----------|--------|--------|----------|--------|---------------------------------------|----------|--------|--------------------------|----------|--------|-----------------------------------------|----------|--------|------------------------------------------------|----------|--------|-------------------------------------------------------------------|----------|--------|--------------------------------------------------|----------|--------|--------|
|        |           |          |        |                            |          |        | Recovered.  |          |        | Relieved. |          |        | Not improved |          |        |        |          |        |                                       |          |        |                          |          |        |                                         |          |        |                                                |          |        |                                                                   |          |        |                                                  |          |        |        |
|        | Males.    | Females. | Total. | Males.                     | Females. | Total. | Males.      | Females. | Total. | Males.    | Females. | Total. | Males.       | Females. | Total. | Males. | Females. | Total. | Males.                                | Females. | Total. | Males.                   | Females. | Total. | Males.                                  | Females. | Total. | Males.                                         | Females. | Total. | Males.                                                            | Females. | Total. | Males.                                           | Females. | Total. |        |
| 1913   | 518       | 638      | 1176   | 518                        | 638      | 1176   | 4           | 12       | 16     | 5         | 13       | 18     | 4            | 1        | 5      | 15     | 12       | 27     | 490                                   | 620      | 1110   | 335                      | 427      | 762    | 77                                      | 1.8      | 1.4    | .7                                             | .14      | .11    | 1.7                                                               | 10.7     | .7     | 4.5                                              | 2.8      | 3.5    | 1913   |
| 1914   | 165       | 203      | 368    | 655                        | 823      | 1478   | 24          | 36       | 60     | 8         | 11       | 19     | ..           | 11       | 11     | 45     | 67       | 112    | 578                                   | 698      | 1276   | 552                      | 676      | 1228   | 14.5                                    | 17.7     | 16.3   | 28.9                                           | 27.3     | 27.9   | 24.1                                                              | 26.8     | 25.1   | 8.2                                              | 9.9      | 9.1    | 1914   |



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# SEVERALLS ASYLUM.

## TABLE B I.

Analysis of the Admissions during the year 1914 (excluding Voluntary Boarders.)

| Classes of Admissions.                                      | Congenital. |    |    | Acquired.     |     |     |                   |    |    |                                      |    |    | TOTAL. |     |     |
|-------------------------------------------------------------|-------------|----|----|---------------|-----|-----|-------------------|----|----|--------------------------------------|----|----|--------|-----|-----|
|                                                             | M.          | F. | T. | First attack. |     |     | Not first attack. |    |    | Unknown whether first attack or not. |    |    | M.     | F.  | T.  |
|                                                             |             |    |    | M.            | F.  | T.  | M.                | F. | T. | M.                                   | F. | T. |        |     |     |
| Direct .. ..                                                | 10          | 6  | 16 | 55            | 83  | 138 | 17                | 41 | 58 | 1                                    | 2  | 3  | 83     | 132 | 215 |
| Indirect {<br>Transfers ..<br>Statutory re-<br>admissions.. | 14          | 14 | 28 | 46            | 41  | 87  | 15                | 13 | 28 | 7                                    | 1  | 8  | 82     | 69  | 151 |
|                                                             | ..          | .. | .. | ..            | 1   | 1   | ..                | 1  | 1  | ..                                   | .. | .. | ..     | 2   | 2   |
| Total admissions ..                                         | 24          | 20 | 44 | 101           | 125 | 226 | 32                | 55 | 87 | 8                                    | 3  | 11 | 165    | 203 | 368 |





# SEVERALS ASYLUM.

TABLE B 2.

Showing the duration of the present attack of Mental Disorder on Admission in the Direct Admissions during the year 1914, and stating (in those not congenital) whether First Attack or not (Voluntary Boarders excluded).

| Duration of Mental Disorder prior to Admission. | DIRECT ADMISSIONS. |    |     |                   |    |    |                                      |    |    |        |     |     |
|-------------------------------------------------|--------------------|----|-----|-------------------|----|----|--------------------------------------|----|----|--------|-----|-----|
|                                                 | First attack.      |    |     | Not first attack. |    |    | Unknown whether first attack or not. |    |    | Total. |     |     |
|                                                 | M.                 | F. | T.  | M.                | F. | T. | M.                                   | F. | T. | M.     | F.  | T.  |
|                                                 |                    |    |     |                   |    |    |                                      |    |    |        |     |     |
| Less than 2 weeks                               | 15                 | 21 | 36  | 5                 | 14 | 19 | ..                                   | .. | .. | 20     | 35  | 55  |
| 2 weeks and less than 1 month                   | 5                  | 14 | 19  | ..                | 4  | 4  | ..                                   | .. | .. | 5      | 18  | 23  |
| 1 month                                         | 10                 | 11 | 21  | 6                 | 14 | 20 | ..                                   | .. | .. | 16     | 25  | 41  |
| 3 months                                        | 7                  | 10 | 17  | 3                 | 6  | 9  | ..                                   | .. | .. | 10     | 16  | 26  |
| 6 "                                             | 4                  | 3  | 7   | 1                 | 1  | 2  | ..                                   | .. | .. | 5      | 4   | 9   |
| 9 "                                             | 1                  | 2  | 3   | ..                | 2  | 2  | ..                                   | .. | .. | 1      | 4   | 5   |
| 12 "                                            | 1                  | 5  | 6   | 2                 | .. | 2  | ..                                   | .. | .. | 3      | 5   | 8   |
| 18 "                                            | 1                  | 1  | 2   | ..                | .. | .. | ..                                   | .. | .. | 1      | 1   | 2   |
| 2 years                                         | 1                  | 4  | 5   | ..                | .. | .. | ..                                   | .. | .. | 1      | 4   | 6   |
| 3 "                                             | 7                  | 5  | 12  | ..                | .. | .. | ..                                   | .. | .. | 2      | 4   | 6   |
| 5 "                                             | 1                  | 6  | 7   | ..                | .. | .. | ..                                   | .. | .. | 7      | 5   | 12  |
| 10 "                                            | ..                 | .. | ..  | ..                | .. | .. | ..                                   | .. | .. | 1      | 6   | 7   |
| 15 "                                            | ..                 | 1  | 1   | ..                | .. | .. | ..                                   | .. | .. | ..     | ..  | ..  |
| 25 "                                            | ..                 | .. | ..  | ..                | .. | .. | ..                                   | .. | .. | ..     | 1   | 1   |
| Duration unknown                                | 2                  | .. | 2   | ..                | .. | .. | ..                                   | 2  | .. | 2      | 2   | 4   |
| Congenital cases                                | ..                 | .. | ..  | ..                | .. | .. | ..                                   | .. | .. | 10     | 6   | 16  |
| Totals                                          | 55                 | 83 | 138 | 17                | 41 | 58 | 1                                    | 2  | 3  | 83     | 132 | 215 |



| No. | Description | QTY | UNIT | PRICE | AMOUNT |
|-----|-------------|-----|------|-------|--------|
| 1   | ...         | ... | ...  | ...   | ...    |
| 2   | ...         | ... | ...  | ...   | ...    |
| 3   | ...         | ... | ...  | ...   | ...    |
| 4   | ...         | ... | ...  | ...   | ...    |
| 5   | ...         | ... | ...  | ...   | ...    |
| 6   | ...         | ... | ...  | ...   | ...    |
| 7   | ...         | ... | ...  | ...   | ...    |
| 8   | ...         | ... | ...  | ...   | ...    |
| 9   | ...         | ... | ...  | ...   | ...    |
| 10  | ...         | ... | ...  | ...   | ...    |
| 11  | ...         | ... | ...  | ...   | ...    |
| 12  | ...         | ... | ...  | ...   | ...    |
| 13  | ...         | ... | ...  | ...   | ...    |
| 14  | ...         | ... | ...  | ...   | ...    |
| 15  | ...         | ... | ...  | ...   | ...    |
| 16  | ...         | ... | ...  | ...   | ...    |
| 17  | ...         | ... | ...  | ...   | ...    |
| 18  | ...         | ... | ...  | ...   | ...    |
| 19  | ...         | ... | ...  | ...   | ...    |
| 20  | ...         | ... | ...  | ...   | ...    |
| 21  | ...         | ... | ...  | ...   | ...    |
| 22  | ...         | ... | ...  | ...   | ...    |
| 23  | ...         | ... | ...  | ...   | ...    |
| 24  | ...         | ... | ...  | ...   | ...    |
| 25  | ...         | ... | ...  | ...   | ...    |
| 26  | ...         | ... | ...  | ...   | ...    |
| 27  | ...         | ... | ...  | ...   | ...    |
| 28  | ...         | ... | ...  | ...   | ...    |
| 29  | ...         | ... | ...  | ...   | ...    |
| 30  | ...         | ... | ...  | ...   | ...    |
| 31  | ...         | ... | ...  | ...   | ...    |
| 32  | ...         | ... | ...  | ...   | ...    |
| 33  | ...         | ... | ...  | ...   | ...    |
| 34  | ...         | ... | ...  | ...   | ...    |
| 35  | ...         | ... | ...  | ...   | ...    |
| 36  | ...         | ... | ...  | ...   | ...    |
| 37  | ...         | ... | ...  | ...   | ...    |
| 38  | ...         | ... | ...  | ...   | ...    |
| 39  | ...         | ... | ...  | ...   | ...    |
| 40  | ...         | ... | ...  | ...   | ...    |
| 41  | ...         | ... | ...  | ...   | ...    |
| 42  | ...         | ... | ...  | ...   | ...    |
| 43  | ...         | ... | ...  | ...   | ...    |
| 44  | ...         | ... | ...  | ...   | ...    |
| 45  | ...         | ... | ...  | ...   | ...    |
| 46  | ...         | ... | ...  | ...   | ...    |
| 47  | ...         | ... | ...  | ...   | ...    |
| 48  | ...         | ... | ...  | ...   | ...    |
| 49  | ...         | ... | ...  | ...   | ...    |
| 50  | ...         | ... | ...  | ...   | ...    |
| 51  | ...         | ... | ...  | ...   | ...    |
| 52  | ...         | ... | ...  | ...   | ...    |
| 53  | ...         | ... | ...  | ...   | ...    |
| 54  | ...         | ... | ...  | ...   | ...    |
| 55  | ...         | ... | ...  | ...   | ...    |
| 56  | ...         | ... | ...  | ...   | ...    |
| 57  | ...         | ... | ...  | ...   | ...    |
| 58  | ...         | ... | ...  | ...   | ...    |
| 59  | ...         | ... | ...  | ...   | ...    |
| 60  | ...         | ... | ...  | ...   | ...    |
| 61  | ...         | ... | ...  | ...   | ...    |
| 62  | ...         | ... | ...  | ...   | ...    |
| 63  | ...         | ... | ...  | ...   | ...    |
| 64  | ...         | ... | ...  | ...   | ...    |
| 65  | ...         | ... | ...  | ...   | ...    |
| 66  | ...         | ... | ...  | ...   | ...    |
| 67  | ...         | ... | ...  | ...   | ...    |
| 68  | ...         | ... | ...  | ...   | ...    |
| 69  | ...         | ... | ...  | ...   | ...    |
| 70  | ...         | ... | ...  | ...   | ...    |
| 71  | ...         | ... | ...  | ...   | ...    |
| 72  | ...         | ... | ...  | ...   | ...    |
| 73  | ...         | ... | ...  | ...   | ...    |
| 74  | ...         | ... | ...  | ...   | ...    |
| 75  | ...         | ... | ...  | ...   | ...    |
| 76  | ...         | ... | ...  | ...   | ...    |
| 77  | ...         | ... | ...  | ...   | ...    |
| 78  | ...         | ... | ...  | ...   | ...    |
| 79  | ...         | ... | ...  | ...   | ...    |
| 80  | ...         | ... | ...  | ...   | ...    |
| 81  | ...         | ... | ...  | ...   | ...    |
| 82  | ...         | ... | ...  | ...   | ...    |
| 83  | ...         | ... | ...  | ...   | ...    |
| 84  | ...         | ... | ...  | ...   | ...    |
| 85  | ...         | ... | ...  | ...   | ...    |
| 86  | ...         | ... | ...  | ...   | ...    |
| 87  | ...         | ... | ...  | ...   | ...    |
| 88  | ...         | ... | ...  | ...   | ...    |
| 89  | ...         | ... | ...  | ...   | ...    |
| 90  | ...         | ... | ...  | ...   | ...    |
| 91  | ...         | ... | ...  | ...   | ...    |
| 92  | ...         | ... | ...  | ...   | ...    |
| 93  | ...         | ... | ...  | ...   | ...    |
| 94  | ...         | ... | ...  | ...   | ...    |
| 95  | ...         | ... | ...  | ...   | ...    |
| 96  | ...         | ... | ...  | ...   | ...    |
| 97  | ...         | ... | ...  | ...   | ...    |
| 98  | ...         | ... | ...  | ...   | ...    |
| 99  | ...         | ... | ...  | ...   | ...    |
| 100 | ...         | ... | ...  | ...   | ...    |





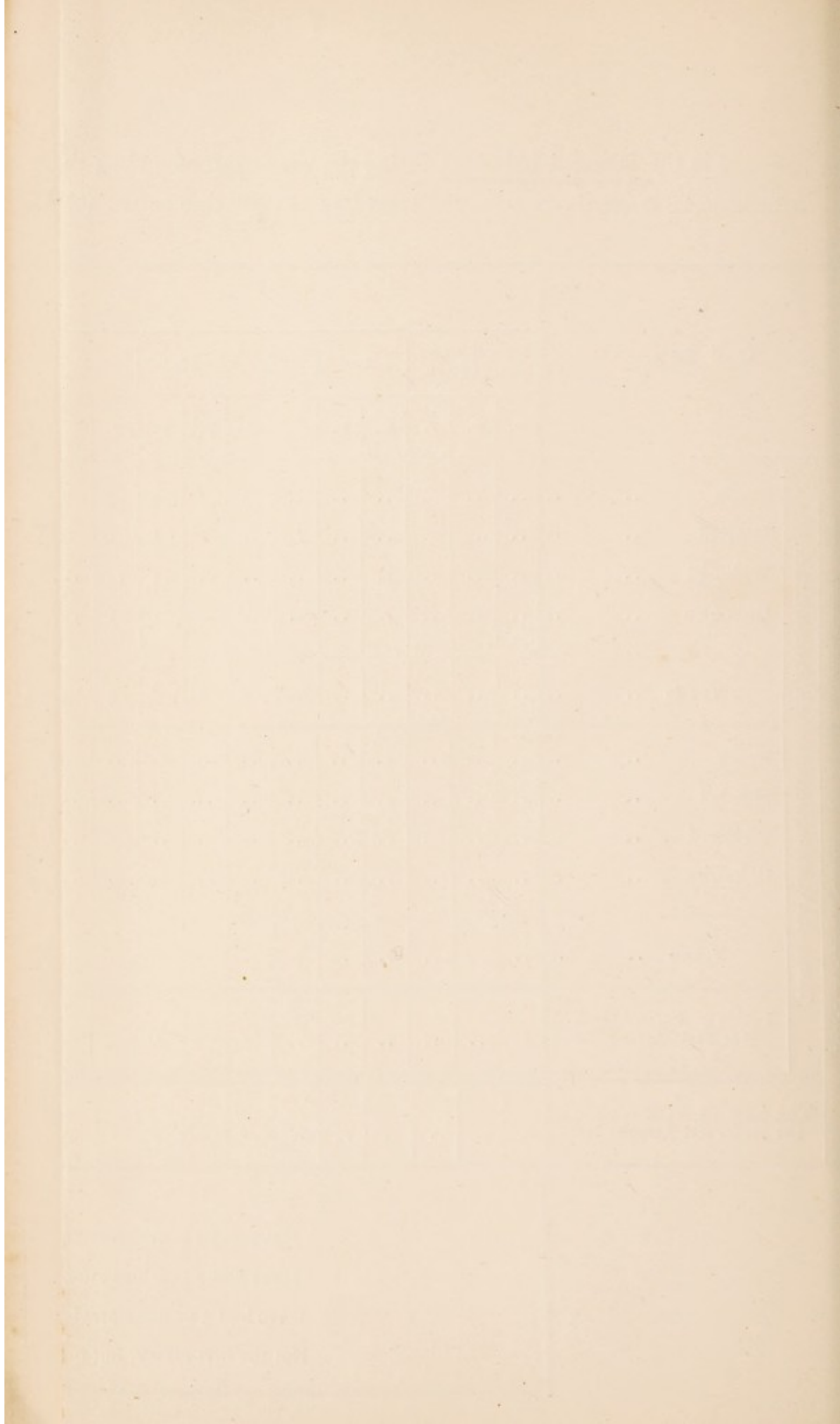


TABLE B 5.

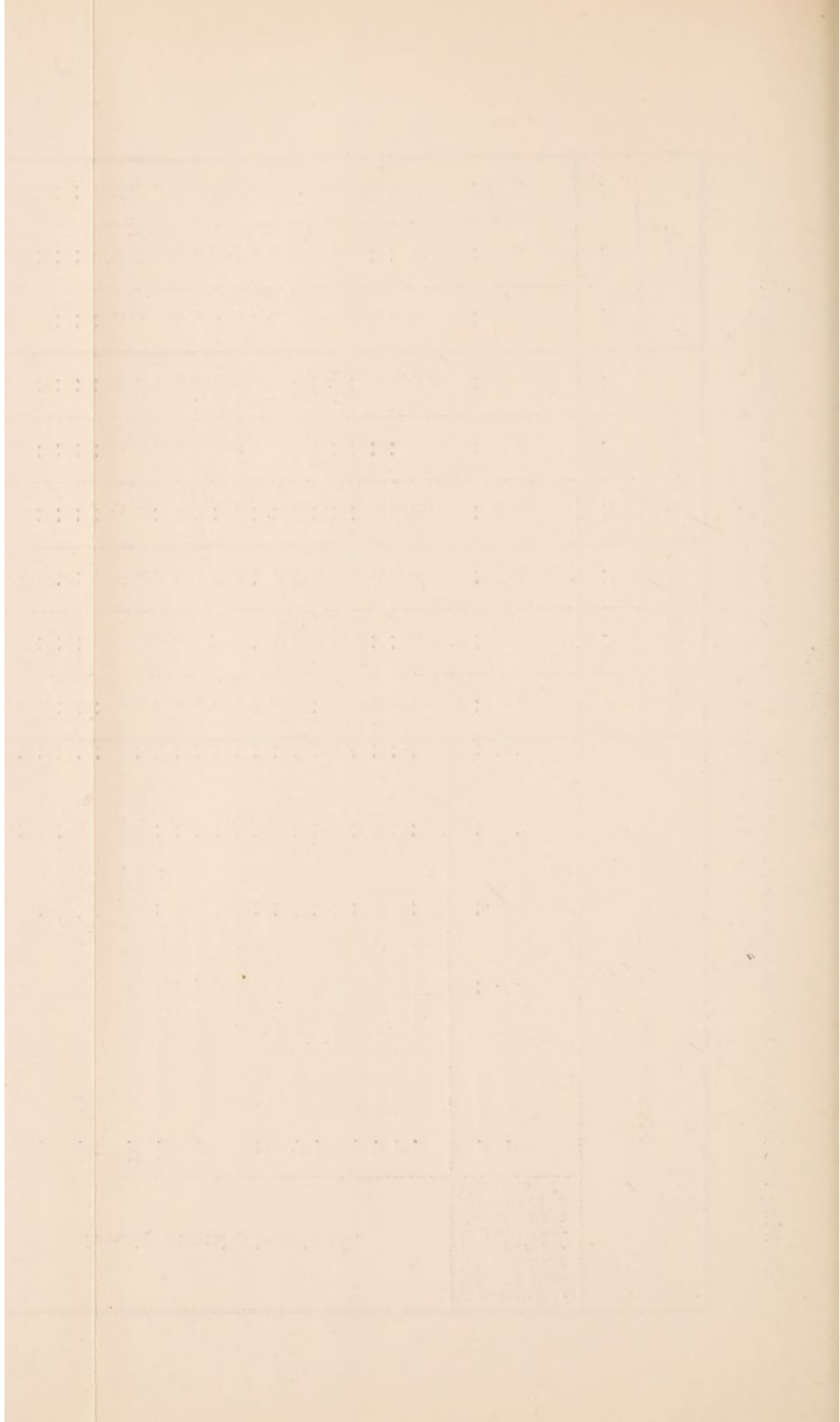
Showing the Form of Mental Disorder on admission in the Direct Admissions and Transfers during the year 1914. (Voluntary Boarders excluded.)

| Forms of Mental Disorder                                                                                   | Direct admissions.                                                                                     |               |               | Transfers.    |               |                | Total.        |               |               |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
|                                                                                                            | M.                                                                                                     | F.            | T.            | M.            | F.            | T.             | M.            | F.            | T.            |
|                                                                                                            | 1. Intellectual {<br><i>a.</i> With epilepsy ..<br><i>b.</i> Without epilepsy ..<br><i>c.</i> .. .. .. | 2<br>8<br>..  | 1<br>5<br>..  | 3<br>13<br>.. | 4<br>10<br>.. | 4<br>10<br>..  | 8<br>20<br>.. | 6<br>18<br>.. | 5<br>15<br>.. |
| 2. Moral .. .. ..                                                                                          | ..                                                                                                     | ..            | ..            | ..            | ..            | ..             | ..            | ..            | ..            |
| 1. Insanity with epilepsy .. ..                                                                            | 4                                                                                                      | 3             | 7             | 6             | 1             | 7              | 10            | 4             | 14            |
| 2. General paralysis of the insane ..                                                                      | 9                                                                                                      | ..            | 9             | 2             | ..            | 2              | 11            | ..            | 11            |
| 3. Insanity with grosser brain lesions                                                                     | 2                                                                                                      | ..            | 2             | 1             | ..            | 1              | 3             | ..            | 3             |
| 4. Acute delirium .. ..                                                                                    | 2                                                                                                      | 2             | 4             | ..            | ..            | ..             | 2             | 2             | 4             |
| 5. Confusional insanity .. ..                                                                              | 5                                                                                                      | 22            | 27            | ..            | ..            | ..             | 5             | 22            | 27            |
| 6. Stupor .. ..                                                                                            | ..                                                                                                     | 1             | 1             | ..            | ..            | ..             | ..            | 1             | 1             |
| 7. Primary dementia .. ..                                                                                  | 14                                                                                                     | 10            | 24            | 16            | 12            | 28             | 30            | 22            | 52            |
| 8. Mania {<br><i>a.</i> Recent .. ..<br><i>b.</i> Chronic .. ..<br><i>c.</i> Recurrent .. ..               | 3<br>..<br>2                                                                                           | 12<br>..<br>6 | 15<br>..<br>8 | ..<br>..<br>1 | 1<br>2<br>4   | 2<br>2<br>5    | 3<br>..<br>3  | 13<br>2<br>10 | 16<br>2<br>13 |
| 9. Melancholia {<br><i>a.</i> Recent .. ..<br><i>b.</i> Chronic .. ..<br><i>c.</i> Recurrent .. ..         | 7<br>2<br>2                                                                                            | 33<br>1<br>5  | 40<br>3<br>7  | ..<br>..<br>1 | 2<br>3<br>2   | 2<br>3<br>3    | 7<br>2<br>3   | 35<br>4<br>7  | 42<br>6<br>10 |
| 10. Alternating insanity .. ..                                                                             | 1                                                                                                      | 1             | 2             | ..            | 1             | 1              | 1             | 2             | 3             |
| 11. Delusional insanity {<br><i>a.</i> Systematised .. ..<br><i>b.</i> Non-systematised .. ..              | 1<br>6<br>..                                                                                           | 1<br>12<br>1  | 2<br>18<br>1  | 4<br>7<br>..  | 9<br>7<br>..  | 13<br>14<br>.. | 5<br>13<br>.. | 10<br>19<br>1 | 15<br>32<br>1 |
| 12. Volitional insanity {<br><i>a.</i> Impulse .. ..<br><i>b.</i> Obsession .. ..<br><i>c.</i> Doubt .. .. | ..                                                                                                     | ..            | ..            | ..            | ..            | ..             | ..            | ..            | ..            |
| 13. Moral insanity .. ..                                                                                   | 1                                                                                                      | ..            | 1             | ..            | ..            | ..             | 1             | ..            | 1             |
| 14. Dementia {<br><i>a.</i> Senile .. ..<br><i>b.</i> Secondary .. ..                                      | 7<br>5                                                                                                 | 13<br>3       | 20<br>8       | 1<br>29       | 5<br>8        | 6<br>37        | 8<br>34       | 18<br>11      | 26<br>45      |
| Totals .. ..                                                                                               | 83                                                                                                     | 132           | 215           | 82            | 71            | 153            | 165           | 203           | 368           |

Congenital or infantile mental deficiency or idiocy or imbecility) occurring as early in life as it can be observed.

Insanity occurring later in life.





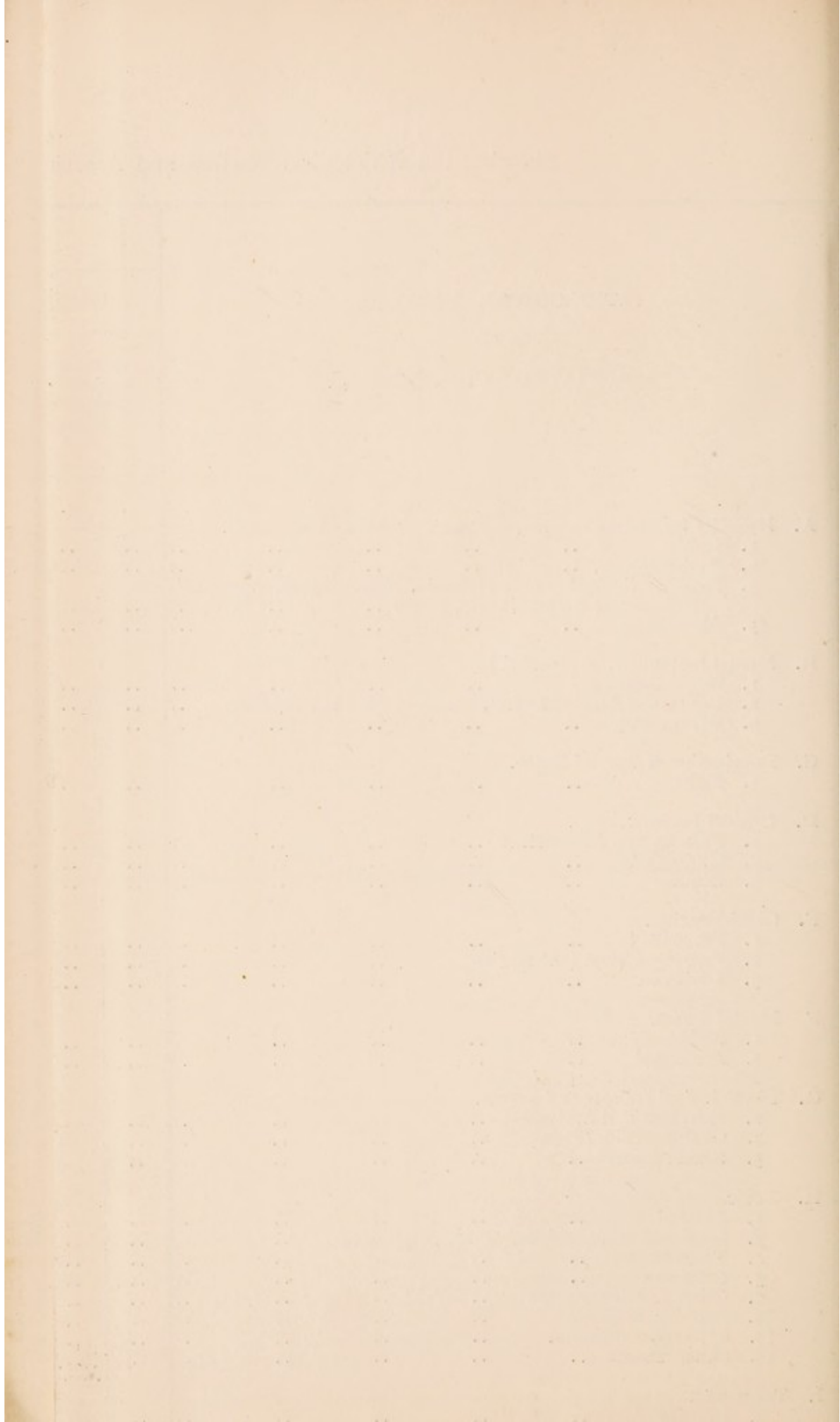












# SEVERALLS ASYLUM.

## TABLE C I.

An Analysis of the Discharges and Transfers during the year 1914. (Voluntary Boarders excluded.)

|                                                               | M.                       | F. | T. | M.        | F. | T. | M.            | F. | T. |
|---------------------------------------------------------------|--------------------------|----|----|-----------|----|----|---------------|----|----|
|                                                               | Discharged as Recovered— |    |    |           |    |    |               |    |    |
| From Direct Admissions.                                       |                          |    |    |           |    |    |               |    |    |
| First-Attack Cases .. .. .                                    | 14                       | 24 | 38 | ..        | .. | .. | ..            | .. | .. |
| Not First-Attack Cases .. .. .                                | 6                        | 10 | 16 | ..        | .. | .. | ..            | .. | .. |
| Cases unknown whether First Attack or not .. .. .             | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| Total from Direct Admissions .. .. .                          | ..                       | .. | .. | 20        | 34 | 54 | ..            | .. | .. |
| From Transfers.                                               |                          |    |    |           |    |    |               |    |    |
| First-Attack Cases .. .. .                                    | 3                        | 1  | 4  | ..        | .. | .. | ..            | .. | .. |
| Not First-Attack Cases .. .. .                                | 1                        | 1  | 2  | ..        | .. | .. | ..            | .. | .. |
| Cases unknown whether First Attack or not .. .. .             | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| Total from Transfers .. .. .                                  | ..                       | .. | .. | 4         | 2  | 6  | ..            | .. | .. |
| Total Discharged as Recovered .. .. .                         | ..                       | .. | .. | 24        | 36 | 60 | ..            | .. | .. |
| Discharged (not recovered) as—                                |                          |    |    | RELIEVED. |    |    | NOT IMPROVED. |    |    |
| Relieved .. .. .                                              | 6                        | 8  | 14 | 6         | 8  | 14 | ..            | .. | .. |
| Not Improved .. .. .                                          | ..                       | 2  | 2  | ..        | .. | .. | ..            | 2  | 2  |
| Total .. .. .                                                 | 6                        | 10 | 16 |           |    |    |               |    |    |
| Reasons for such Discharge—                                   |                          |    |    |           |    |    |               |    |    |
| To go to care of friends .. .. .                              | 6                        | 8  | 14 | ..        | .. | .. | ..            | .. | .. |
| " workhouse .. .. .                                           | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| " metropolitan asylum (England) .. .. .                       | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| Statutory, by irregularity in Reception Order .. .. .         | ..                       | 1  | 1  | ..        | .. | .. | ..            | .. | .. |
| " by lapsing of " " " .. .. .                                 | ..                       | 1  | 1  | ..        | .. | .. | ..            | .. | .. |
| Other reasons—Escaped .. .. .                                 | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| To Pauper Class from Criminal .. .. .                         | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| Total .. .. .                                                 | 6                        | 10 | 16 |           |    |    |               |    |    |
| Transferred as—                                               |                          |    |    |           |    |    |               |    |    |
| Relieved .. .. .                                              | 2                        | 3  | 5  | 2         | 3  | 5  | ..            | .. | .. |
| Not Improved .. .. .                                          | ..                       | 9  | 9  | ..        | .. | .. | ..            | 9  | 9  |
| Total .. .. .                                                 | 2                        | 12 | 14 |           |    |    |               |    |    |
| Destinations of such Transfers—                               |                          |    |    |           |    |    |               |    |    |
| To other asylums, reg. hospitals, and licensed houses .. .. . | 2                        | 12 | 14 | ..        | .. | .. | ..            | .. | .. |
| To "single care" .. .. .                                      | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| Other destination .. .. .                                     | ..                       | .. | .. | ..        | .. | .. | ..            | .. | .. |
| Total .. .. .                                                 | 2                        | 12 | 14 |           |    |    |               |    |    |
| Total Discharged and Transferred as—                          |                          |    |    |           |    |    |               |    |    |
| Relieved .. .. .                                              | ..                       | .. | .. | 8         | 11 | 19 | ..            | .. | .. |
| Not Improved .. .. .                                          | ..                       | .. | .. | ..        | .. | .. | ..            | 11 | 11 |



REVISED  
TABLE

of the ... and ...

| No. | Date | Description | Amount | Balance | Total | Interest | Remarks |
|-----|------|-------------|--------|---------|-------|----------|---------|
| 1   | 1880 | ...         | ...    | ...     | ...   | ...      | ...     |
| 2   | 1881 | ...         | ...    | ...     | ...   | ...      | ...     |
| 3   | 1882 | ...         | ...    | ...     | ...   | ...      | ...     |
| 4   | 1883 | ...         | ...    | ...     | ...   | ...      | ...     |
| 5   | 1884 | ...         | ...    | ...     | ...   | ...      | ...     |
| 6   | 1885 | ...         | ...    | ...     | ...   | ...      | ...     |
| 7   | 1886 | ...         | ...    | ...     | ...   | ...      | ...     |
| 8   | 1887 | ...         | ...    | ...     | ...   | ...      | ...     |
| 9   | 1888 | ...         | ...    | ...     | ...   | ...      | ...     |
| 10  | 1889 | ...         | ...    | ...     | ...   | ...      | ...     |
| 11  | 1890 | ...         | ...    | ...     | ...   | ...      | ...     |
| 12  | 1891 | ...         | ...    | ...     | ...   | ...      | ...     |
| 13  | 1892 | ...         | ...    | ...     | ...   | ...      | ...     |
| 14  | 1893 | ...         | ...    | ...     | ...   | ...      | ...     |
| 15  | 1894 | ...         | ...    | ...     | ...   | ...      | ...     |
| 16  | 1895 | ...         | ...    | ...     | ...   | ...      | ...     |
| 17  | 1896 | ...         | ...    | ...     | ...   | ...      | ...     |
| 18  | 1897 | ...         | ...    | ...     | ...   | ...      | ...     |
| 19  | 1898 | ...         | ...    | ...     | ...   | ...      | ...     |
| 20  | 1899 | ...         | ...    | ...     | ...   | ...      | ...     |
| 21  | 1900 | ...         | ...    | ...     | ...   | ...      | ...     |
| 22  | 1901 | ...         | ...    | ...     | ...   | ...      | ...     |
| 23  | 1902 | ...         | ...    | ...     | ...   | ...      | ...     |
| 24  | 1903 | ...         | ...    | ...     | ...   | ...      | ...     |
| 25  | 1904 | ...         | ...    | ...     | ...   | ...      | ...     |
| 26  | 1905 | ...         | ...    | ...     | ...   | ...      | ...     |
| 27  | 1906 | ...         | ...    | ...     | ...   | ...      | ...     |
| 28  | 1907 | ...         | ...    | ...     | ...   | ...      | ...     |
| 29  | 1908 | ...         | ...    | ...     | ...   | ...      | ...     |
| 30  | 1909 | ...         | ...    | ...     | ...   | ...      | ...     |
| 31  | 1910 | ...         | ...    | ...     | ...   | ...      | ...     |
| 32  | 1911 | ...         | ...    | ...     | ...   | ...      | ...     |
| 33  | 1912 | ...         | ...    | ...     | ...   | ...      | ...     |
| 34  | 1913 | ...         | ...    | ...     | ...   | ...      | ...     |
| 35  | 1914 | ...         | ...    | ...     | ...   | ...      | ...     |
| 36  | 1915 | ...         | ...    | ...     | ...   | ...      | ...     |
| 37  | 1916 | ...         | ...    | ...     | ...   | ...      | ...     |
| 38  | 1917 | ...         | ...    | ...     | ...   | ...      | ...     |
| 39  | 1918 | ...         | ...    | ...     | ...   | ...      | ...     |
| 40  | 1919 | ...         | ...    | ...     | ...   | ...      | ...     |
| 41  | 1920 | ...         | ...    | ...     | ...   | ...      | ...     |
| 42  | 1921 | ...         | ...    | ...     | ...   | ...      | ...     |
| 43  | 1922 | ...         | ...    | ...     | ...   | ...      | ...     |
| 44  | 1923 | ...         | ...    | ...     | ...   | ...      | ...     |
| 45  | 1924 | ...         | ...    | ...     | ...   | ...      | ...     |
| 46  | 1925 | ...         | ...    | ...     | ...   | ...      | ...     |
| 47  | 1926 | ...         | ...    | ...     | ...   | ...      | ...     |
| 48  | 1927 | ...         | ...    | ...     | ...   | ...      | ...     |
| 49  | 1928 | ...         | ...    | ...     | ...   | ...      | ...     |
| 50  | 1929 | ...         | ...    | ...     | ...   | ...      | ...     |
| 51  | 1930 | ...         | ...    | ...     | ...   | ...      | ...     |
| 52  | 1931 | ...         | ...    | ...     | ...   | ...      | ...     |
| 53  | 1932 | ...         | ...    | ...     | ...   | ...      | ...     |
| 54  | 1933 | ...         | ...    | ...     | ...   | ...      | ...     |
| 55  | 1934 | ...         | ...    | ...     | ...   | ...      | ...     |
| 56  | 1935 | ...         | ...    | ...     | ...   | ...      | ...     |
| 57  | 1936 | ...         | ...    | ...     | ...   | ...      | ...     |
| 58  | 1937 | ...         | ...    | ...     | ...   | ...      | ...     |
| 59  | 1938 | ...         | ...    | ...     | ...   | ...      | ...     |
| 60  | 1939 | ...         | ...    | ...     | ...   | ...      | ...     |
| 61  | 1940 | ...         | ...    | ...     | ...   | ...      | ...     |
| 62  | 1941 | ...         | ...    | ...     | ...   | ...      | ...     |
| 63  | 1942 | ...         | ...    | ...     | ...   | ...      | ...     |
| 64  | 1943 | ...         | ...    | ...     | ...   | ...      | ...     |
| 65  | 1944 | ...         | ...    | ...     | ...   | ...      | ...     |
| 66  | 1945 | ...         | ...    | ...     | ...   | ...      | ...     |
| 67  | 1946 | ...         | ...    | ...     | ...   | ...      | ...     |
| 68  | 1947 | ...         | ...    | ...     | ...   | ...      | ...     |
| 69  | 1948 | ...         | ...    | ...     | ...   | ...      | ...     |
| 70  | 1949 | ...         | ...    | ...     | ...   | ...      | ...     |
| 71  | 1950 | ...         | ...    | ...     | ...   | ...      | ...     |
| 72  | 1951 | ...         | ...    | ...     | ...   | ...      | ...     |
| 73  | 1952 | ...         | ...    | ...     | ...   | ...      | ...     |
| 74  | 1953 | ...         | ...    | ...     | ...   | ...      | ...     |
| 75  | 1954 | ...         | ...    | ...     | ...   | ...      | ...     |
| 76  | 1955 | ...         | ...    | ...     | ...   | ...      | ...     |
| 77  | 1956 | ...         | ...    | ...     | ...   | ...      | ...     |
| 78  | 1957 | ...         | ...    | ...     | ...   | ...      | ...     |
| 79  | 1958 | ...         | ...    | ...     | ...   | ...      | ...     |
| 80  | 1959 | ...         | ...    | ...     | ...   | ...      | ...     |
| 81  | 1960 | ...         | ...    | ...     | ...   | ...      | ...     |
| 82  | 1961 | ...         | ...    | ...     | ...   | ...      | ...     |
| 83  | 1962 | ...         | ...    | ...     | ...   | ...      | ...     |
| 84  | 1963 | ...         | ...    | ...     | ...   | ...      | ...     |
| 85  | 1964 | ...         | ...    | ...     | ...   | ...      | ...     |
| 86  | 1965 | ...         | ...    | ...     | ...   | ...      | ...     |
| 87  | 1966 | ...         | ...    | ...     | ...   | ...      | ...     |
| 88  | 1967 | ...         | ...    | ...     | ...   | ...      | ...     |
| 89  | 1968 | ...         | ...    | ...     | ...   | ...      | ...     |
| 90  | 1969 | ...         | ...    | ...     | ...   | ...      | ...     |
| 91  | 1970 | ...         | ...    | ...     | ...   | ...      | ...     |
| 92  | 1971 | ...         | ...    | ...     | ...   | ...      | ...     |
| 93  | 1972 | ...         | ...    | ...     | ...   | ...      | ...     |
| 94  | 1973 | ...         | ...    | ...     | ...   | ...      | ...     |
| 95  | 1974 | ...         | ...    | ...     | ...   | ...      | ...     |
| 96  | 1975 | ...         | ...    | ...     | ...   | ...      | ...     |
| 97  | 1976 | ...         | ...    | ...     | ...   | ...      | ...     |
| 98  | 1977 | ...         | ...    | ...     | ...   | ...      | ...     |
| 99  | 1978 | ...         | ...    | ...     | ...   | ...      | ...     |
| 100 | 1979 | ...         | ...    | ...     | ...   | ...      | ...     |





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PHYSICS DEPARTMENT  
CHICAGO, ILL.

RECORD OF EXPERIMENTS

| No. | Date    | Time  | Temp. | Pressure | Volume | Weight | Remarks |
|-----|---------|-------|-------|----------|--------|--------|---------|
| 1   | 10/1/19 | 10:00 | 20.0  | 760      | 100    | 1.000  | Initial |
| 2   | 10/1/19 | 11:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 3   | 10/1/19 | 12:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 4   | 10/1/19 | 13:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 5   | 10/1/19 | 14:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 6   | 10/1/19 | 15:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 7   | 10/1/19 | 16:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 8   | 10/1/19 | 17:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 9   | 10/1/19 | 18:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 10  | 10/1/19 | 19:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 11  | 10/1/19 | 20:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 12  | 10/1/19 | 21:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 13  | 10/1/19 | 22:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 14  | 10/1/19 | 23:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 15  | 10/1/19 | 00:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 16  | 10/1/19 | 01:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 17  | 10/1/19 | 02:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 18  | 10/1/19 | 03:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 19  | 10/1/19 | 04:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 20  | 10/1/19 | 05:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 21  | 10/1/19 | 06:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 22  | 10/1/19 | 07:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 23  | 10/1/19 | 08:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 24  | 10/1/19 | 09:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 25  | 10/1/19 | 10:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 26  | 10/1/19 | 11:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 27  | 10/1/19 | 12:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 28  | 10/1/19 | 13:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 29  | 10/1/19 | 14:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 30  | 10/1/19 | 15:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 31  | 10/1/19 | 16:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 32  | 10/1/19 | 17:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 33  | 10/1/19 | 18:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 34  | 10/1/19 | 19:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 35  | 10/1/19 | 20:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 36  | 10/1/19 | 21:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 37  | 10/1/19 | 22:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 38  | 10/1/19 | 23:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 39  | 10/1/19 | 00:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 40  | 10/1/19 | 01:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 41  | 10/1/19 | 02:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 42  | 10/1/19 | 03:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 43  | 10/1/19 | 04:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 44  | 10/1/19 | 05:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 45  | 10/1/19 | 06:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 46  | 10/1/19 | 07:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 47  | 10/1/19 | 08:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 48  | 10/1/19 | 09:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 49  | 10/1/19 | 10:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 50  | 10/1/19 | 11:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 51  | 10/1/19 | 12:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 52  | 10/1/19 | 13:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 53  | 10/1/19 | 14:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 54  | 10/1/19 | 15:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 55  | 10/1/19 | 16:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 56  | 10/1/19 | 17:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 57  | 10/1/19 | 18:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 58  | 10/1/19 | 19:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 59  | 10/1/19 | 20:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 60  | 10/1/19 | 21:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 61  | 10/1/19 | 22:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 62  | 10/1/19 | 23:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 63  | 10/1/19 | 00:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 64  | 10/1/19 | 01:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 65  | 10/1/19 | 02:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 66  | 10/1/19 | 03:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 67  | 10/1/19 | 04:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 68  | 10/1/19 | 05:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 69  | 10/1/19 | 06:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 70  | 10/1/19 | 07:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 71  | 10/1/19 | 08:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 72  | 10/1/19 | 09:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 73  | 10/1/19 | 10:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 74  | 10/1/19 | 11:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 75  | 10/1/19 | 12:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 76  | 10/1/19 | 13:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 77  | 10/1/19 | 14:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 78  | 10/1/19 | 15:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 79  | 10/1/19 | 16:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 80  | 10/1/19 | 17:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 81  | 10/1/19 | 18:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 82  | 10/1/19 | 19:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 83  | 10/1/19 | 20:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 84  | 10/1/19 | 21:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 85  | 10/1/19 | 22:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 86  | 10/1/19 | 23:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 87  | 10/1/19 | 00:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 88  | 10/1/19 | 01:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 89  | 10/1/19 | 02:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 90  | 10/1/19 | 03:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 91  | 10/1/19 | 04:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 92  | 10/1/19 | 05:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 93  | 10/1/19 | 06:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 94  | 10/1/19 | 07:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 95  | 10/1/19 | 08:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 96  | 10/1/19 | 09:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 97  | 10/1/19 | 10:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 98  | 10/1/19 | 11:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 99  | 10/1/19 | 12:00 | 20.0  | 760      | 100    | 1.000  | Control |
| 100 | 10/1/19 | 13:00 | 20.0  | 760      | 100    | 1.000  | Control |

# SEVERALLS ASYLUM.

TABLE D 2.

Showing the Principal cause of death in each death during the year 1914, together with the ages at death in quinquennial periods. (Voluntary Boarders excepted).

| Principal Causes of Death.          | Ages at Death in Quinquennial periods. |    |        |    |        |    |        |    |        |    |        |    |        |    |        |    |        |    |        |    |        |    |        |    |        |    |             |    | Total |    |    |     |   |   |
|-------------------------------------|----------------------------------------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|--------|----|-------------|----|-------|----|----|-----|---|---|
|                                     | Less than 10.                          |    | 10-14. |    | 15-19. |    | 20-24. |    | 25-29. |    | 30-34. |    | 35-39. |    | 40-44. |    | 45-49. |    | 50-54. |    | 55-59. |    | 60-64. |    | 65-69. |    | 70 and over |    | M.    | F. | T. |     |   |   |
|                                     | M.                                     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.     | F. | M.          | F. |       |    |    | T.  |   |   |
| Pulmonary Tuberculosis .. .. .      | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | 1      | 1  | 1      | 1  | 1      | 1  | ..     | 2  | ..     | 1  | 1      | 1  | ..     | .. | 1      | 1  | ..     | 3  | ..          | 1  | 5     | 12 | 17 |     |   |   |
| Chronic Bright's Disease .. .. .    | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | 1  | ..     | .. | ..     | 1  | ..     | .. | 2      | 2  | ..     | 3  | 2      | 1  | ..          | .. | 4     | 8  | 12 |     |   |   |
| Acute Military Tuberculosis .. .. . | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | 1  | ..     | .. | ..     | .. | ..          | .. | ..    | 1  | 1  |     |   |   |
| Dysentery .. .. .                   | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 5  | 5  |     |   |   |
| Carcinoma of Breast .. .. .         | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | 2  | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 1  | 1  |     |   |   |
| Sarcoma of Femur .. .. .            | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 1  | 1  |     |   |   |
| New Growth of Duodenum .. .. .      | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 1  | 1  |     |   |   |
| Broncho-Pneumonia .. .. .           | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 4  | 4  |     |   |   |
| Bronchitis .. .. .                  | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 1  | 2  |     |   |   |
| Epilepsy .. .. .                    | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 3  | 4  |     |   |   |
| Senile Decay .. .. .                | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 5  | 11 | 17  |   |   |
| Arterio Sclerosis .. .. .           | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 1  | 4  | 6   |   |   |
| Exhaustion from Mania .. .. .       | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | 2  | 1  | 2   |   |   |
| Lobar Pneumonia .. .. .             | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | 1  | 3   | 5 |   |
| Carcinoma of Uterus .. .. .         | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | 1  | 1   | 1 |   |
| Gangrene of Lung .. .. .            | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | 1  | 1   | 1 |   |
| Fatty Degeneration of Heart .. .. . | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | 1  | 2   | 3 |   |
| Morbus Cordis Valvular .. .. .      | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 4 | 5 |
| Perforated Duodenal Ulcers .. .. .  | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| Pernicious Anæmia .. .. .           | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| Exophthalmic Goitre .. .. .         | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| General Paralysis .. .. .           | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 9   | 9 | 9 |
| Carcinoma of Asophagus .. .. .      | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| Cerebral Softening .. .. .          | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| Carcinoma of Pancreas .. .. .       | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| Pyelo-Nephritis .. .. .             | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| Exhaustion from Melancholia .. .. . | ..                                     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..     | .. | ..          | .. | ..    | .. | .. | 1   | 1 | 1 |
| <b>Totals .. .. .</b>               | ..                                     | .. | ..     | .. | ..     | .. | ..     | 2  | ..     | 3  | 4      | 1  | 2      | 2  | 5      | 3  | 3      | 5  | 5      | 3  | 7      | 2  | 7      | 8  | 11     | 7  | 8           | 9  | 15    | 45 | 67 | 112 |   |   |

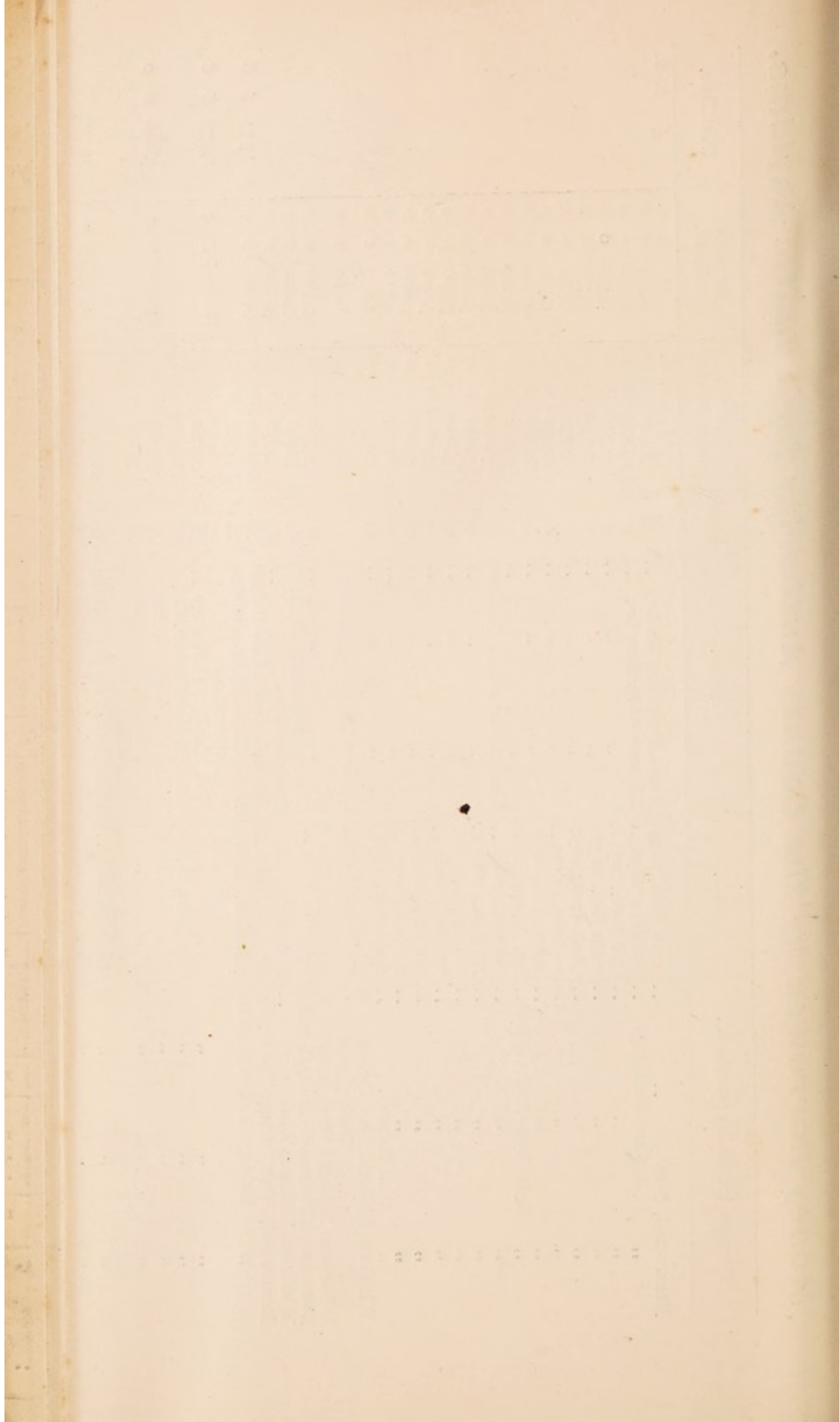
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**Money Borrowed by the County Authority for Lunatic Asylums.**

| Purpose for which borrowed.                   | Date.            | Lender.                                                 | Rate. | Amount Borrowed. | Amount Paid off. | Still Due.  |
|-----------------------------------------------|------------------|---------------------------------------------------------|-------|------------------|------------------|-------------|
|                                               |                  |                                                         |       | £ s. d.          | £ s. d.          | £ s. d.     |
| Brentwood, Site                               | 13th Feb., 1849  | Essex Provident Society                                 | 4 1/2 | 8,500 0 0        | 8,500 0 0        |             |
| " " Asylum Buildings                          | 1st July, 1851   | Alliance Assurance Co.                                  | 4     | 19,500 0 0       | 19,500 0 0       |             |
| " " " "                                       | 3rd Nov., 1851   | " " " "                                                 | 4     | 9,750 0 0        | 9,750 0 0        |             |
| " " " "                                       | 14th Jan., 1852  | " " " "                                                 | 4     | 9,750 0 0        | 9,750 0 0        |             |
| " " " "                                       | 30th April, 1852 | " " " "                                                 | 4     | 9,750 0 0        | 9,750 0 0        |             |
| " " " "                                       | July, 1852       | " " " "                                                 | 4     | 9,750 0 0        | 9,750 0 0        |             |
| " " " "                                       | 18th Nov., 1853  | " " " "                                                 | 4     | 14,000 0 0       | 14,000 0 0       |             |
| " " " "                                       | 8th Nov., 1856   | " " " "                                                 | 4     | 8,000 0 0        | 8,000 0 0        |             |
| " " " "                                       | 1st Oct., 1868   | Clerical Assurance Society                              | 4 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 1st Jan., 1869   | " " " "                                                 | 4 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 1st April, 1869  | " " " "                                                 | 4 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 1st July, 1869   | " " " "                                                 | 4 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 1st Oct., 1869   | " " " "                                                 | 4 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 1st Jan., 1870   | " " " "                                                 | 4 1/2 | 1,750 0 0        | 1,750 0 0        |             |
| " " " "                                       | 15th Aug., 1873  | " " " "                                                 | 4 1/2 | 4,650 0 0        | 4,650 0 0        |             |
| Wickham Bishop's, Site, £5,000                | 1st May, 1877    | Dunmow Friendly Society                                 | 4     | 8,000 0 0        | 8,000 0 0        |             |
| Wickham Bishop's Well, £3,000                 | 6th Jan., 1880   | " " " "                                                 | 4     | 3,500 0 0        | 3,500 0 0        |             |
| Wickham Recreation Hall, £4,000               | 17th May, 1881   | Clerical Assurance Society                              | 4 1/2 | 3,500 0 0        | 3,500 0 0        |             |
| Wickham Bishop's Well                         | 1st July, 1885   | Prisons Funds                                           | 4     | 3,500 0 0        | 3,500 0 0        |             |
| Brentwood, Water Tower, &c.                   | 1st July, 1885   | Norwich Union Life Office                               | 3 1/2 | 10,000 0 0       | 9,666 13 4       | 333 6 8     |
| " " " "                                       | 14th Oct., 1886  | Royal Exchange Assurance                                | 3 1/2 | 13,333 6 8       | 18,666 13 4      | 1,333 6 8   |
| " " " "                                       | " " " "          | Mrs. Corporation Trustees                               | 3 1/2 | 6,666 13 4       | 6,666 13 4       |             |
| " " " "                                       | 28th June, 1887  | Hand in Hand Insur. Co.                                 | 3 1/2 | 15,000 0 0       | 15,000 0 0       |             |
| " " " "                                       | " " " "          | The late T. Kemble, Esq.                                | 3 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | " " " "          | W. B. Blood, Esq., and another                          | 3 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 3rd July, 1888   | Royal Exchange Assurance                                | 3 1/2 | 20,000 0 0       | 20,000 0 0       |             |
| " " " "                                       | " " " "          | The Rev. T. L. Papillon                                 | 3 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | " " " "          | W. B. Blood, Esq., and another                          | 3 1/2 | 5,000 0 0        | 5,000 0 0        |             |
| " " " "                                       | 7th Jan., 1890   | Mrs. R. J. Buxton's Trustees and T. Fowell Buxton, Esq. | 3 1/2 | 13,500 0 0       | 11,250 0 0       | 2,250 0 0   |
| Adjustment with County Borough of West Ham    | 6th July, 1897   | Prudential Assurance Co.                                | 4 1/2 | 9,000 0 0        | 5,100 0 0        | 3,900 0 0   |
| Colchester, Site                              | 1st Jan., 1903   | Prudential Assurance Co.                                | 3 1/2 | 31,000 0 0       | 21,600 0 0       | 9,400 0 0   |
| " " Foundations                               | 14th April, 1905 | " " " "                                                 | 3 1/2 | 10,000 0 0       | 4,200 0 0        | 5,800 0 0   |
| " " " "                                       | 8th April, 1907  | " " " "                                                 | 3 1/2 | 18,000 0 0       | 4,200 0 0        | 13,800 0 0  |
| " " " "                                       | 12th July, 1909  | " " " "                                                 | 3 1/2 | 40,000 0 0       | 6,666 13 4       | 33,333 6 8  |
| " " " "                                       | 27th Oct., 1909  | " " " "                                                 | 3 1/2 | 40,000 0 0       | 6,666 13 4       | 33,333 6 8  |
| " " " "                                       | 19th April, 1909 | " " " "                                                 | 3 1/2 | 20,000 0 0       | 2,666 13 4       | 17,333 6 8  |
| " " " "                                       | 10th Jan., 1911  | " " " "                                                 | 3 1/2 | 45,000 0 0       | 6,000 0 0        | 39,000 0 0  |
| " " " "                                       | 8th July, 1911   | " " " "                                                 | 3 1/2 | 8,500 0 0        | 2,666 13 4       | 5,833 6 8   |
| Brentwood, Kitchens at Asylum                 | 1st Jan., 1912   | General County Capital Fund Account                     | 3 1/2 | 31,000 0 0       | 6,200 0 0        | 24,800 0 0  |
| Colchester, Equipment                         | 20th Jan., 1912  | Prudential Assurance Co.                                | 3 1/2 | 9,500 0 0        | 950 0 0          | 8,550 0 0   |
| " " Detached Buildings                        | 8th July, 1912   | " " " "                                                 | 3 1/2 | 14,338 0 0       | 955 4 0          | 13,372 16 0 |
| " " Superstructure                            | " " " "          | " " " "                                                 | 3 1/2 | 1,672 0 0        | 111 9 4          | 1,560 10 8  |
| " " Detached Buildings                        | 8th Oct., 1912   | " " " "                                                 | 3 1/2 | 10,000 0 0       | 656 13 0         | 9,343 6 8   |
| " " Roads                                     | " " " "          | " " " "                                                 | 3 1/2 | 14,000 0 0       | 1,272 14 8       | 12,727 8 0  |
| " " Furniture and Fadded Rooms                | 27th Mar., 1913  | " " " "                                                 | 3 1/2 | 10,000 0 0       | 1,333 6 8        | 8,666 13 4  |
| " " Stewards' Stores                          | 20th May, 1913   | " " " "                                                 | 3 1/2 | 3,224 0 0        | 214 18 8         | 2,909 1 4   |
| " " Detached Buildings                        | " " " "          | " " " "                                                 | 3 1/2 | 44,287 0 0       | 1,473 6 8        | 42,813 13 4 |
| " " Superstructure                            | 14th Oct., 1913  | " " " "                                                 | 3 1/2 | 1,000 0 0        | 33 6 8           | 966 13 0    |
| " " Roads, &c.                                | " " " "          | " " " "                                                 | 3 1/2 | 3,641 0 0        | 364 2 0          | 3,276 18 0  |
| " " Pump, Well and Air Compressor Plant       | " " " "          | " " " "                                                 | 3 1/2 | 295 0 0          | 13 8 3           | 281 11 0    |
| " " Additional Accommodation for Officers     | " " " "          | " " " "                                                 | 3 1/2 | 1,851 0 0        | 98 1 4           | 1,752 18 8  |
| Brentwood, Conversion of Kitchen              | 1st Jan., 1914   | General County Capital Fund Account                     | 3 1/2 | 1,719 0 0        | 57 6 0           | 1,661 14 0  |
| Colchester, Chapel Wards                      | 30th Jan., 1914  | Prudential Assurance Co.                                | 4     | 2,435 0 0        | 243 10 0         | 2,191 10 0  |
| " " Buildings                                 | " " " "          | " " " "                                                 | 4     | 6,893 0 0        | 689 6 0          | 6,203 14 0  |
| " " Redemption Land Tax                       | " " " "          | " " " "                                                 | 4     | 2,657 0 0        | 132 17 0         | 2,524 3 0   |
| " " Additional Roads                          | " " " "          | " " " "                                                 | 4     | 1,985 0 0        | 95 5 0           | 1,889 15 0  |
| " " Superstructure                            | 12th June, "     | " " " "                                                 | 4     | 6,500 0 0        | 6,500 0 0        |             |
| " " Furniture, Main Building                  | 20th Feb., 1915  | " " " "                                                 | 4     | 2,820 0 0        | 2,820 0 0        |             |
| " " General Electrical Work                   | " " " "          | " " " "                                                 | 4     | 65 0 0           | 65 0 0           |             |
| " " Motor for Laundry                         | " " " "          | " " " "                                                 | 4     | 240 0 0          | 240 0 0          |             |
| " " Planting and Laying-out Grounds           | " " " "          | " " " "                                                 | 4     | 1,320 0 0        | 1,320 0 0        |             |
| " " Detached Buildings Paths                  | " " " "          | " " " "                                                 | 4     | 285 0 0          | 285 0 0          |             |
| " " Steam-heated Oven                         | " " " "          | " " " "                                                 | 4     | 310 0 0          | 310 0 0          |             |
| " " Working Patients Villa                    | " " " "          | " " " "                                                 | 4     | 126 0 0          | 126 0 0          |             |
| " " Cable to Farm Buildings                   | " " " "          | " " " "                                                 | 4     | 400 0 0          | 400 0 0          |             |
| " " Farm Bailiff's House                      | " " " "          | " " " "                                                 | 4     | 387 0 0          | 387 0 0          |             |
| " " Cowsheds                                  | " " " "          | " " " "                                                 | 4     | 601 0 0          | 601 0 0          |             |
| " " Water Main, Farm Buildings                | " " " "          | " " " "                                                 | 4     | 107 0 0          | 107 0 0          |             |
| " " Farm Cottages                             | " " " "          | " " " "                                                 | 4     | 917 0 0          | 917 0 0          |             |
| " " Inspecting House                          | " " " "          | " " " "                                                 | 4     | 493 0 0          | 493 0 0          |             |
| " " Grass Meadow                              | " " " "          | " " " "                                                 | 4     | 150 0 0          | 150 0 0          |             |
| " " Drainage of Cemetery                      | " " " "          | " " " "                                                 | 4     | 200 0 0          | 200 0 0          |             |
| " " Detached Buildings, Laying-out of Grounds | " " " "          | " " " "                                                 | 4     | 265 0 0          | 265 0 0          |             |
|                                               |                  |                                                         |       | 771,342 0 0      | 311,195 13 7     | 460,146 6 5 |





# Ordinary (Maximum) Dietary for Patients at Brentwood and Severalls Asylums.

These issues are not to be made in full unless they are actually required. Issues less than the full quantities allowed by the scale must be approved by the Medical Superintendent and be reported to the House Committees.

## BREAKFAST,

Every day for both Sexes.

COCOA, TEA OR COFFEE... .. 1 pint. BREAD .. .. 6 oz. (males) 5 oz. (females). MARGARINE .. .. ½ oz.  
Patients who commence work before 6.30 a.m. an early breakfast may be issued consisting of half the ordinary breakfast issues. Biscuits may be substituted for bread at the early breakfast.

## TEA.

Every day for both Sexes.

|                                                                                                                                       |                                                                                                                                 |
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| <p>TEA .. .. . 1 pint.<br/>BREAD .. .. . 5 oz. (males), 4 oz. (females).<br/>MARGARINE .. .. . ½ oz.<br/>or<br/>JAM .. .. . 3 oz.</p> | <p>* CAKE, not to exceed a cost (when made at the Asylum) of 1s. per lb. .. .. . 3 oz.<br/>or<br/>EXTRA BREAD .. .. . 3 oz.</p> |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|

4 oz. Seewed Fruit or Rhabarb (grown on the Estate), sweetened with 1 oz. sugar, may be issued in lieu of Margarine or Jam or Cake.

## DINNER.

Males.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                             |
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| <p>POOK, BEEF, MUTTON OR BACON (roast or boiled) .. .. . 3 oz. cooked meat free from bone (equal for purposes of issue to 3½ oz. cooked meat with bone).<br/>MEAT PIES AND POTATO PIES .. .. . 6 oz. cooked (including bone).<br/>FISH (baked, fried or boiled) (Melted Butter to be served with boiled fish only) .. .. . 1 pint.<br/>IRISH STEW, SCOTCH BROTH OR PEA SOUP .. .. . 7 oz. uncooked, peeled (except Irish Stew Pea Soup, and Potato Pie).<br/>POTATOES .. .. . 4 oz. uncooked.<br/>OTHER VEGETABLES .. .. . ½ pint or half-pound. (See formulae).<br/>PUDDINGS .. .. . 4 oz.<br/>BREAD .. .. . 4 oz. (no bread to be issued with Meat Pies or Potato Pies).</p> | <p>Females.<br/>Same as Males, except following allowances reduced.<br/>POOK, BEEF, MUTTON, OR BACON .. .. . 2½ oz. cooked meat free from bone (equal for purposes of issue to 3 oz. cooked meat with bone).<br/>FISH .. .. . 5 oz. cooked (including bone).<br/>POTATOES .. .. . 4½ oz. uncooked, peeled.<br/>OTHER VEGETABLES .. .. . 4 oz. uncooked.</p> |
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Females.

Same as Males, except following allowances reduced.

Notes

On four days a week a roast or boiled meat dinner is to be given. On the three remaining days the diet is to consist either of meat pies, fish, or Irish stew, broth or pea soup. When puddings are not issued for dinner on any day, the allowances of meat must be doubled for each patient, also the allowance of other vegetables. When pea soup is issued for dinner a second course of pudding must always be given.

**Working Patients**—To those Patients who do useful work the following allowances are given:—

|                                                                                                                                                                                                  |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p>Luncheon, consisting of—<br/>Bread (1 oz.) and Cheese (1 oz.) and<br/>½ pint of Lime Juice, Oatmeal, or Barley Water, or<br/>½ pint of Tea, or Coffee, or<br/>½ pint of Oatmeal Porridge.</p> | <p style="text-align: center;"><b>BRENTWOOD ASYLUM.</b></p> <p>Farm Patients are allowed<br/>½ pint of Tea morning and<br/>afternoon.</p> | <p><i>Male Patients</i>.—Tobacco weekly, as directed by the House Committee, or the equivalent in value (in kind). Patients who do early or special work may have extra Tobacco weekly, in addition to the general allowance to workers, or the equivalent in value (in kind).<br/><i>Female Patients</i>.—½ pint Tea every afternoon, or 2 oz. Dry Tea and 8 oz. Sugar, with 14 oz. Milk weekly.</p> |
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The puddings are to be made in accordance with one or other of the following formulae.

New Milk is always to be used if possible and condensed milk may be used only in the event of a shortage of New Milk.

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| <p><b>Bread Pudding.</b></p> <p>1. Per 100 lb. :—<br/>Bread .. .. . 25 lb.<br/>Flour .. .. . 3½ lb.<br/>Raisins or Currants .. .. . 6½ lb.<br/>Dripping .. .. . 6½ lb.</p> <p>or</p> <p>2. Per 100 lb. :—<br/>Bread .. .. . 34 lb.<br/>Currants .. .. . 7½ lb.<br/>Dripping .. .. . 7½ lb.<br/>Sugar .. .. . 7½ lb.<br/>Milk .. .. . 45 pts.</p> <p>or</p> <p>Milk (condensed) .. .. . 7½ lb.<br/>Spice and Salt (as necessary)<br/>Served with white sauce :—<br/>Cornflower .. .. . 1 lb.<br/>Sugar .. .. . 14 lb.<br/>Essence, third part of a bottle</p> <p><b>Cornflower Pudding.</b></p> <p>3. Per 100 lb. :—<br/>Cornflower .. .. . 9½ lb.<br/>Milk .. .. . 67½ pts.</p> <p>or</p> <p>Milk (condensed) .. .. . 11½ lb.<br/>Sugar .. .. . 3 lb.<br/>Served with Jam or Treacle .. .. . 12½ lb.</p> <p><b>Currant Pudding.</b></p> <p>4. Per 100 lb. :—<br/>Currants .. .. . 15 lb.<br/>Sugar .. .. . 5 lb.<br/>Bread .. .. . 15 lb.<br/>Flour .. .. . 31 lb.<br/>Suet .. .. . 5 lb.<br/>Baking Powder .. .. . ½ lb.</p> <p>or</p> <p>5. Per 100 lb. :—<br/>Flour .. .. . 53 lb.<br/>Sugar .. .. . 6½ lb.<br/>Yeast .. .. . 24 oz.<br/>Dripping or Lard .. .. . 8 lb.<br/>Currants .. .. . 12½ lb.</p> | <p><b>Fruit Pudding.</b></p> <p>6. Per 100 lb. :—<br/>Crust .. .. . 37½ lb.<br/>Fruit .. .. . 50 lb.<br/>Sugar .. .. . 12½ lb.</p> <p>To make 1 lb. crust :—10 oz. flour,<br/>3 oz. suet,<br/>about 3 oz. water.</p> <p style="text-align: center;"><i>Jam Roll.</i></p> <p>7. Per 100 lb. :—<br/>Flour .. .. . 41 lb.<br/>Jam .. .. . 15 lb.<br/>Suet .. .. . 6½ lb.</p> <p><b>Marmalade Pudding.</b></p> <p>8. Per 100 lb. :—<br/>Marmalade .. .. . 11 lb.<br/>Sugar .. .. . 5 lb.<br/>Bread .. .. . 20 lb.<br/>Flour .. .. . 31 lb.<br/>Suet .. .. . 5 lb.</p> <p>or</p> <p>9. Per 100 lb. :—<br/>Marmalade .. .. . 15 lb.<br/>Suet .. .. . 25 lb.<br/>Flour .. .. . 25 lb.<br/>Bread .. .. . 15 lb.<br/>Sugar .. .. . 5 lb.<br/>Baking Powder .. .. . ½ lb.</p> <p><b>Rhabarb Tart.</b></p> <p>10. Per 100 Patients. (½ lb. crust and ½ lb. fruit per patient) :—<br/>Rhabarb (trimmed) .. .. . 50 lb.<br/>Sugar .. .. . 12½ lb.<br/>Crust .. .. . 25 lb.</p> <p>To make 1 lb. crust :—12 oz. flour,<br/>4 oz. dripping.</p> <p>This formula may be used for apple and other fruit pies by substituting for the specified quantity of rhabarb an equal quantity of apples (peeled and cored) or other fruit.</p> | <p><b>Rice Pudding.</b></p> <p>11. Per 100 pints :—<br/>Rice .. .. . 14½ lb.<br/>Milk .. .. . 67½ pts.<br/>or<br/>Milk (condensed) .. .. . 11½ lb.<br/>Sugar .. .. . 3½ lb.</p> <p>or</p> <p>12. Per 100 lb. :—<br/>Rice .. .. . 18½ lb.<br/>Milk .. .. . 75 pts.<br/>or<br/>Milk (condensed) .. .. . 12½ lb.<br/>Sugar .. .. . 9½ lb.</p> <p><b>Rice and Currants.</b></p> <p>13. Per 100 lb. :—<br/>Rice .. .. . 15½ lb.<br/>Currants .. .. . 9½ lb.<br/>Sugar .. .. . 4 lb.<br/>Milk .. .. . 25½ pts.</p> <p>or</p> <p>Milk (condensed) .. .. . 4½ lb.</p> <p><b>Rice and Rhabarb.</b></p> <p>14. Per 100 lb. (½ pint pudding and 6 oz. cooked rhabarb per patient) :—<br/>Rice .. .. . 22½ lb.<br/>Rhabarb (trimmed) .. .. . 28 lb.<br/>Sugar .. .. . 30 lb.<br/>Milk .. .. . 30 pts.</p> <p>or</p> <p>Milk (condensed) .. .. . 5 lb.</p> <p><b>Rice and Jam or Treacle.</b></p> <p>15. Per 100 lb. :—<br/>Rice .. .. . 15½ lb.<br/>Milk .. .. . 25½ pts.<br/>or<br/>Milk (condensed) .. .. . 4½ lb.<br/>Jam or Treacle .. .. . 12½ lb.</p> | <p><b>Suet Pudding.</b></p> <p>16. Per 100 lb. :—<br/>Flour .. .. . 46 lb.<br/>Suet .. .. . 19 lb.<br/>Sugar, Dry (for each patient) .. .. . 1 oz.</p> <p>or</p> <p>17. Per 100 lb. :—<br/>Flour .. .. . 59 lb.<br/>Sugar .. .. . 6½ lb.<br/>Yeast .. .. . 24 oz.<br/>Dripping or Lard .. .. . 8 lb.<br/>Served with Jam .. .. . 12½ lb.<br/>Or with Treacle .. .. . 25 lb.</p> <p><b>Tapioea Pudding.</b></p> <p>18. Per 100 lb. :—<br/>Tapioea .. .. . 13 lb.<br/>Milk .. .. . 67½ pts.<br/>or<br/>Milk (condensed) .. .. . 11½ lb.<br/>Sugar .. .. . 3 lb.</p> <p>or</p> <p>19. Per 100 pints :—<br/>Tapioea .. .. . 12½ lb.<br/>Milk .. .. . 67½ pts.<br/>or<br/>Milk (condensed) .. .. . 11½ lb.<br/>Sugar .. .. . 3½ lb.<br/>Lemons .. .. . 4 lb.</p> <p><b>Treacle Pudding.</b></p> <p>20. Per 100 lb. :—<br/>Treacle .. .. . 11½ lb.<br/>Sugar .. .. . 5 lb.<br/>Bread .. .. . 20½ lb.<br/>Suet .. .. . 5 lb.<br/>Flour .. .. . 31 lb.</p> <p>or</p> <p>21. Per 100 lb. :—<br/>Treacle .. .. . 11½ lb.<br/>Suet .. .. . 19½ lb.<br/>Flour .. .. . 22½ lb.<br/>Bread .. .. . 19 lb.<br/>Sugar .. .. . 5 lb.</p> |
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| <p><b>Lime Juice</b>—for one gallon of beverage :—<br/>½ pint of Lime Juice.<br/>½ lb. Sugar.</p> <p><b>Tea</b>—per 100 patients :—<br/>13 oz. Tea.<br/>4 lb. Sugar.<br/>14 gal. Milk.</p> <p><b>Coffee</b>—per 100 patients :—<br/>1 lb. Coffee.<br/>½ lb. Chicory.<br/>4 lb. Sugar.<br/>14 gal. Milk.</p> | <p><b>Cocoa</b>—per 100 patients :—<br/>2 lb. Cocoa.<br/>1 lb. Arrowroot.<br/>4 lb. Sugar.<br/>14 gal. Milk.</p> <p><b>Irish Stew</b>—per 100 patients :—<br/>Liquor of meat from previous boiled meat dinner, thickened with :—<br/>Dry Vegetables .. .. . 6½ lb.<br/>Green Vegetables .. .. . 25 lb.<br/>Potatoes .. .. . 37½ lb.<br/>Uncooked Meat .. .. . 15½ lb.</p> | <p><b>Scottish Broth</b>—per 100 patients :—<br/>Neck of Mutton .. .. . 18½ lb.<br/>Onions .. .. . 6½ lb.<br/>Barley .. .. . 6½ lb.<br/>Potatoes .. .. . 18½ lb.</p> <p><b>Pea Soup</b>—per 100 patients :—<br/>Liquor of meat from previous boiled meat dinner, thickened with :—<br/>Split Peas .. .. . 12½ lb.<br/>Pea Meal .. .. . 31 lb.<br/>Vegetables .. .. . 25 lb.</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Potato Pie**—per 100 patients :—

|                                |                 |
|--------------------------------|-----------------|
|                                | Males. Females. |
| Flour .. .. .                  | 22 lb. 20 lb.   |
| Dripping .. .. .               | 6 lb. 6 lb.     |
| Beet, uncooked, free from bone | 17 lb. 14 lb.   |
| Potatoes .. .. .               | 90 lb. 75 lb.   |
| Onions .. .. .                 | 3 lb. 2 lb.     |

**Meat Pie**—Males and Females.  
2½ oz. uncooked Meat (free from bone) for each patient and 4 oz. paste for pie crust.  
**Meat Pie**—per 100 lb. crust :—  
Flour .. .. . 58 lb.  
Dripping, Lard or Suet .. .. . 25 lb.

The following Special Diets may be ordered :—

**Liquid Diet**—3 pints Milk and 2 Eggs per day.

|                                                                                                                                                                                                |                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;"><b>Males.</b></p> <p>Meat .. .. . 3 oz.<br/>Potatoes, peeled (uncooked) .. .. . 6 oz.<br/>Other Vegetables (uncooked) .. .. . 4 oz.<br/>Bread .. .. . 5 oz.</p> | <p style="text-align: center;"><b>Females.</b></p> <p>Meat .. .. . 3 oz.<br/>Potatoes, peeled (uncooked) .. .. . 4 oz.<br/>Other Vegetables (uncooked) .. .. . 4 oz.<br/>Bread .. .. . 3 oz.</p> |
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**Fish Diet**—Same as ordinary Fish Dinner—detailed above.

**Sick Diet**—½ pint Pudding and 2 pints Milk are issued in lieu of ordinary dinner only.

**Mince Diet.**

When pudding is not issued with Mince Diet the amount of Meat issued to each patient is to be doubled and also the allowance of other Vegetables.

## NOTES.

**Bread**—Extra Bread may be issued if required beyond the usual allowance.  
**Potatoes**—After 10th June in each year new Potatoes are to be issued in the event of the old Potatoes being unsatisfactory.

**For Severalls**.—(\*) Seed Cake to be issued six days each week. (†) Fruit Cake to be issued one day each week. (‡) When Fish is issued for dinner, allowance of Potatoes to be increased, viz. :—  
Males, 11 oz.; Females, 8½ oz., no other Vegetables being issued.









