

**Annual report for the year 1916 : (19th year of issue) / Metropolitan Asylums Board.**

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**Publication/Creation**

London : printed by Henderson & Spalding, 1917.

**Persistent URL**

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METROPOLITAN ASYLUMS BOARD.

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# ANNUAL REPORT

FOR THE YEAR

**1916.**

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(19th YEAR OF ISSUE.)

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OFFICE OF THE BOARD,  
EMBANKMENT, E.C.

PRINTED BY  
HENDERSON & SPALDING, LTD.,  
SYLVAN GROVE, OLD KENT ROAD, LONDON. S.E. 15.

1917.

**BIBLIOGRAPHICAL NOTE.**—Before the year 1886 no regular annual record of the work of the Board was published. (In the year 1871, however, and again in the years 1876 and 1877, the Chairman of the Board issued a report of the nature of an annual report, with some statistics.) For the years between 1886 and 1897, both inclusive, the Chairman of the Board issued an annual report and the Statistical Committee also issued a report, each separately. These reports may, together, be taken as the reports of the Board for those years.

For the year 1898, and for subsequent years, an annual report of the Board, and so called, has been issued, consisting of a summary of the work of the Board for the year, the reports of the several standing committees, and the report of the Statistical Committee. The reports for the four years 1898, 1899, 1900, and 1901 were issued in two volumes: vol. I. containing the report of the Board and the reports of the standing committees, except that of the Statistical Committee, which itself formed vol. II. The report for the year 1902 commenced a new series in one volume, bound in cloth and furnished with an index. The reports are sold to the public at 5s. a copy, in one volume or two as the case may be.

The separate reports of the Chairman of the Board above referred to and the first report of the Statistical Committee (1886) were of foolscap size; all the remainder are of the size of this volume.

In the report for 1888 a spot map showing smallpox admissions was included. In the report for 1889 spot maps showing admissions of all diseases to the Board's hospitals were included. In the report for 1890 were included spot maps of notifications also. In the reports for 1891 to 1902 spot maps of notifications but not of admissions were included. In the reports for 1903 to 1905 spot maps of notifications of smallpox and typhus cases only are included.

The following reports are nearly or wholly out of print:—The reports issued in 1871, 1876, and 1877. The report of the Statistical Committee for 1886. The report of the Board (two vols.) for 1900. (For this year—1900—however, all those parts of the report which referred to infectious diseases have been collected and separately printed, and copies may still be obtained. For the years 1899 and 1900 a somewhat similar collection was made as regards the imbecile asylums, and copies may still be obtained.)

From the years of the opening of the several institutions to 1885, annual reports of the medical superintendents, with statistics, and, in some cases, reports by the committees of management, were issued separately, and copies of many of them may still be had.

The annual reports of the Captain-Superintendent and Committee of the training ship Exmouth may be obtained in a separate form from 1877 to 1914; the reports of the Children's Committee from 1898 to 1914; the reports of the Ambulance Committee from 1884 to 1897; and the reports of the Finance Committee from 1900 to 1907.

On account of the War, the reports for 1915 and 1916 consist each of a small volume sewn in paper covers, without charts—preceding volumes having consisted of about 260 pages, with charts and tables, bound in full cloth.



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# ANNUAL REPORT.

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## REVIEW FOR THE YEAR.

1. At the time of compiling this report (July, 1917) the war which is still raging dwarfs every other topic. No extended account of the year's work will, in the circumstances, be looked for, nor would any such account be suitable.

### I. STAFF.

#### **Military service.**

2. As in 1915, various questions connected with staff claimed perhaps a larger amount of attention than any other subject, and that of military service not the least. At the end of 1915, as was indicated in the report for that year, the Managers had allowed all their eligible male employees of military age to attest for military service under Lord Derby's scheme. They prepared a list of those whom they considered indispensable for the carrying on of the service, and when the early groups were called up in January, 1916, it became necessary to make the first appeals for exemption. The Managers decided to enter all their claims with the City of London Local Tribunal. As a result of negotiation with the Advisory Committee for the City through the military representative, Major Lionel de Rothschild, M.P., an arrangement was entered into whereby about 130 employees received temporary exemption up to July, 1916, while a number of others were given shorter periods of exemption. The passing of the first Military Service Act in the spring of 1916 made little difference to the Managers' service in one way, because every permanent employee of military age and fitness had already volunteered, and had either been released or had attested and had been exempted. The exceptions did not exceed 3 in number. But in another way the Military Service Act had a serious effect. It indicated the grave need there was for men for the army and rendered it imperative that the Managers should not seek to obtain exemption for any man who was not absolutely indispensable. So thoroughly, however, had the scrutinising of the lists been carried out in 1915 and early in 1916, that when the claims were again submitted in June, 1916, the Advisory Committee found few cases to question, and fewer still in which they could safely refuse exemption. In fact, of the men originally listed in 1915 as indispensable very few indeed have been taken, except a few ambulance drivers, whom it was found possible to replace by



women, as is set out in paragraph 17 of this report. Exemption for a further period of six months was accordingly granted after considerable negotiations, which, however, did not at any stage necessitate a difference of opinion or recourse to the Tribunal.

In July, 1916, the second Military Service Act was passed, under which men who had previously been rejected from military service were rendered liable for re-examination. It must be remembered that the Board was relying on the retention of a number of these men, and it therefore became essential to enter appeals for several of this class. The cases in which appeals were accordingly entered were all granted exemption up to January, 1917.

On the whole the Managers claim that they have not sought exemption for any man who ought to have been released for the army, while, on the other hand, they have felt it their duty to endeavour to retain such as are necessary to enable the Board's work to go on as efficiently as could reasonably be expected under war conditions.

**General questions.**

3. Some of the questions connected with the staff, apart from those arising out of the voluntary, and subsequently of the compulsory, releasing of men for the army, were the making of arrangements for the employment of older men or women in their place; the employment of married women as temporary employees; the special difficulties with certain classes of employees; the difficulties in arranging for annual leave; the consideration of questions concerning the feeding of the staff; the efforts to expand and increase the amenities of office so as to attract new employees and so as to keep in the service those already there; and, above all, the question of remuneration, including the awarding of special bonuses to certain sections of the staff, in addition to the so-called "war bonus"—all of which called for much work, thought and care.

The position which these and other questions occupied at the close of the year is so different from that which they occupy at the date of this report that it seems a profitless task to summarize them; and to record decisions which have already become obsolete would seem to be a work of supererogation. Such a summary could hardly claim even an historical interest. When the present economic conditions show a sign of settlement there may, perhaps, be some value in reviewing what has been done.

**Cost and number of the staff.**

The annual cost of the staff may be taken at £465,926, some details of which are given in Table VII. The superannuation allowances now amount to £15,830, which is distributed among 340 pensioners. The deductions made during



the year under the Superannuation Acts from the pay of employees on the books amounted to about £8,000.

The staff numbered about 7,000, and some details will be found in Table iv.

## II. WORK IN CONNECTION WITH THE WAR.

**War refugees.** 4. The number of refugees under the Board's care has been considerably reduced, and at the end of the year only the camp at Earl's Court and the Edmonton Refuge were in use for their accommodation.

St. Anne's Home, Streatham Hill, which had been used for Belgian soldiers (*réformés* and conscripts), was closed and handed over to the Bermondsey Guardians, and the inmates of Millfield House were transferred during the summer to the Edmonton Refuge.

The Hackney Wick Refuge, which had been used for some time for the accommodation of families of refugees suffering from infectious disease, was also closed, and the buildings were lent to the Home Office for the accommodation of interned enemy aliens. Surrey House, Wandsworth, was taken into use in the place of the Hackney Wick Refuge.

Some statistics will be found in Table v.

At the Dispensary and Observation Hospital, Sheffield Street, W.C., a considerably larger number of cases were treated than during the previous year, as the following figures show :—

Total No. of cases registered at the Dispensary, 4,158, a daily average of 13·41  
 „ „ consultations ... .. 14,583 „ „ 47·04

In the Observation Hospital 288 cases were dealt with, of which the following are some particulars :—

	Male.	Female.	Total.
Total admissions ... ..	177	111	288
Transferred to M.A.B. institutions ... ..	45	25	70
„ „ other institutions ... ..	69	27	96
Discharged direct ... ..	52	52	104
Died ... ..	2	2	4
Remaining on 31 December, 1916 ... ..	10	6	16
Dental cases ... ..	42	137	179

**War hospitals and other accommodation.** 5. The other work of the Board in connection with the war may be summarised as follows :—

(1) The handing over to the Government of the Brook Hospital, Orchard Hospital, Grove Hospital, and part of the Southern Hospital. These hospitals contain a total of more than 4,400 beds.

Of these, the Brook and the Grove Hospitals (which latter was handed over in November, 1916) are to some extent managed by the Board for the Government, but the Board has no responsibility in the matter of the others.

(2) The allocation of part of the High Wood School for the accommodation of soldiers.



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(3) Accommodation and treatment of soldiers suffering from tuberculosis and other diseases.

(4) The reception of numbers of patients from the London County Council Asylums, with a view of enabling the Council to hand over one of their large asylums for military purposes.

(5) The reception of sane epileptics from the Belmont Institution, under the care of the Fulham Guardians, so that that institution might be handed over to the military authorities.

### III. FINANCIAL MATTERS.

#### Economies.

6. The Board have relaxed none of their efforts to conduct their work in as economical a manner as possible. It may, perhaps, be noted here that, in order to assist the Government as far as possible in conserving their coal supplies, the Board have made successful efforts at using coke instead of coal for stoking purposes, and have otherwise reduced the consumption of this important article.

#### Expenditure.

7. Table VII. sets out under the customary headings the figures for the year. The total expenditure amounted to £1,272,447, which is equal to a rate of 6·76d. in the pound.

The loan indebtedness was reduced in the year by £240,667, leaving £1,558,476 owing, which, with the exception of a small amount, will in the ordinary course be extinguished in about six years. No additional sums were borrowed during the year.

Some interesting financial statistics are given in Table VI., and the balance sheet is reproduced in Table VIII.

### IV. PATIENTS AND OTHER DEPENDENTS.

#### Summary.

8. The total number of persons admitted into the institutions of the Board during the year was (excluding war refugees) 37,010, which is 11,564 fewer than those admitted during the previous year. The total number remaining on 31 December was 13,486, which is 1,260 fewer than in the previous year. Particulars of the various classes will be found in the paragraphs following, and a reference to two new classes of patients in paragraph 24.

The average cost of maintenance of inmates was 9d. per head per day, which sum includes food, clothing and medicine, but neither attendance nor rent.

#### Infectious disease—Fever.

9. The care of persons suffering from infectious disease has always been, and still continues to be, the Board's chief concern. The admissions were 20,692 in number, and at the end of the year there remained 2,859 patients in the hospitals. Details will be found in Table x.



The admissions were 7,613 fewer than in 1915, and the number remaining under treatment at the end of the year was 1,166 fewer than last year. The lowest number under treatment at any one time was 2,495 (on 16 September), and the highest 4,093 (on 3 January).

The number of diphtheria cases received was 7,695, being 444 in excess of the previous year, and indeed the highest of any year on record. For the first time in the history of the Board the number of these cases has exceeded the number of scarlet fever cases.

This is the chief feature of the year's work in infectious disease; the other is the comparatively small number of scarlet fever admissions. The figures are remarkable. At the beginning of the year there were 2,420 cases under treatment. This number gradually declined to 967 on 15 September, and the usual autumnal increase which followed it was very slight, no higher figure than 1,199 being reached, which was on 14 November, after which it again rapidly declined, until at the end of the year there were only 926 scarlet fever cases under treatment.

This comparative paucity of scarlet fever cases has been a very great boon from several points of view, one of which is that it has enabled the Managers, notwithstanding great difficulties experienced in the securing of necessary staff, to accede to numerous requests of the army and naval authorities for the removal and treatment of soldiers and sailors suffering from various infectious diseases, chiefly measles.

The incidence of disease in the several months of the year is shown in Table XI., and its geographical distribution in Table XII., while Table XIII. gives the rates per cent. of mortality for five years.

**Infectious disease—Smallpox.** 10. One smallpox patient was admitted in May, and was discharged recovered in June. Residence, 30 days.

For particulars as to vaccination, see Table XIV.

**Infectious disease—Notification statistics.** 11. In the metropolitan area during the year 25,920 cases of infectious disease were notified, or 18,945 fewer than in 1915. Of these 18,924 were legally admissible to the Managers' hospitals, and 17,086, or 90.28 per cent., were actually admitted. Table IX. shows the number of cases of each disease notified, and the deaths from the principal diseases admissible to the Board's hospitals; also the ratio of such notifications and deaths to the population. The highest notification rates per 1,000 persons living were in Bethnal Green 7.3, Stepney 6.8, and Shoreditch 6.8, as compared with an average rate for London of 4.5. The average for 1915 was 6.2.



**Cost of infectious hospitals.** The amount spent on this branch of the work was £422,313.\*

**Tuberculous patients.** 12. Except the reception at the Northern Hospital of a small number of girls who need treatment and education at the same time, no extension of work in this direction has taken place during the year. The cost incidental to the treatment of tuberculous patients is defrayed as regards insured persons by the insurance committees concerned, and as regards uninsured persons partly by the Government and partly by the Board.

The cases treated during 1916 numbered more than 2,500, particulars of which will be found in Table xxiv., while other details will be found in Tables xv. to xxiii.

It will be seen that, adopting the usual method of calculating mortalities, the death rate on all cases was 9·9 per cent.

**Mental defectives.** 13. Table xxv. sets out the admissions, transfers, deaths, discharges, and numbers remaining in the Board's several asylums and industrial colonies according to the parishes and unions to which the maintenance of the patients was chargeable. Table xxvi. (which did not appear last year) sets out particulars for each asylum. Table xxvii. shows the movement of the asylums population during the year 1916. The direct admissions were 89 more and the indirect admissions 374 more than in the preceding year, while the total discharges were 36 more and the deaths 152 more than in the previous year; the result being a total decrease in the number remaining at the end of the year of 20.

These two tables refer to certified cases only; the uncertified or mentally deficient cases are dealt with in Table xxviii.

The cost of this section of the work was £257,582.\*

**Children's hospitals, schools, and homes.** 14. Table xxix. shows the direct admissions from the various parishes and unions during the past year, viz., 2,506, as compared with 2,181 in the preceding year. The total numbers remaining at the end of the year were 1,794. The cost of this part of the service was £115,748.\*

**Training ship Exmouth.** 15. As will be seen on reference to Tables xxx. and xxxi., 345 boys were admitted to the training ship during the year, a decrease compared with the previous year of 84. Of 394 boys discharged, 115 entered the Royal Navy and 98 the Mercantile Marine. At the end of the year 571 boys remained under training.

The new and most promising part of the work of training boys for the sea, namely, their practical experience in the new

\* Exclusive of war charges, head office and other central expenses.



sea-going tender provided in 1913, has been wholly suspended by reason of the war.

The cost of this part of the service was £23,203.\*

Distinctions have been gained in the war by old Exmouth boys, an account of which will be given in a future report.

**The casual poor.** 16. The number of this class received during the year was 9,865, while for 1915 the figures were 14,515. On the last day of the year there remained 91. Details are in Table xxxii.

The decrease in the number of inmates continued during 1916, the average number remaining on Friday night in each week being only 94, as compared with 132 during 1915 and 252 during 1914. At the end of the year only 6 of the 24 wards that were taken over in April, 1912, remained open. The various philanthropic agencies which undertook to receive suitable cases from the casual wards, and from the office used in connection with the scheme for dealing with homeless persons at night in Central London, continued their operations during the year.

The cost of the casual poor service was £17,201.\*

#### V. AUXILIARY SERVICES.

**Land and river ambulance services.** 17. One of the chief links in the chain of the Board's activities is the land ambulance service, and if this were to snap or even become seriously weakened, the most important part of their work would come practically to a standstill.

In the report for 1915 reference was made to the difficulties experienced in making good the losses of the driving staff of the ambulance service caused by so many of the men being called up for military service. The depletion had become very serious at the beginning of the year 1916, and an appeal by advertisement was made for the services of women motor drivers. The response was gratifying. The ambulance work of three stations was taken over by women, and has been carried on most satisfactorily. The duties are arduous, necessitating exposure to the inclemencies of weather at all hours of the day and night, and involve an appreciable risk of infection in carrying patients to and from the ambulances. More serious difficulties, however, developed in connection with the staff of mechanics employed in the work of repairing and overhauling the motor vehicles and maintaining them in running order. So many men left either to join H.M. Forces or to secure more highly paid work in the munition factories, that towards the end of the year it had become impossible to continue the maintenance of the fleet of ambulance vehicles in an efficient condition. Women could not take the

\* See footnote on p. 10.



place of these men, who were skilled mechanics. Earnest representations on the subject were made to the Local Government Board, the military authorities and the Ministry of Munitions, who all agreed that the work of the Board was of national importance and must be carried on; but all seemed equally powerless to supply the men required, and at the end of the year nothing had been settled.

Fortunately there was a lessened prevalence of infectious disease in London, the number of patients conveyed to hospitals and elsewhere by the Board's ambulances totalling 53,467, as compared with 66,807 in the previous year, and 81,305 in the year 1914.

A number of ambulances have been held at the disposal of the military and the police at times when Zeppelin attacks were expected, but on only one occasion were their services required, when nine injured persons were taken up after bomb explosions on the outskirts of London. These ambulances were in charge of women.

A summary of the work of the land ambulance service is given in Table xxxiii.

The cost of the land service was £34,931.

18. The steamboats of the river ambulance service conveyed 1,404 passengers to and from Long Reach. Of that number 1 was a case of smallpox and 985 were fever patients, all of whom were taken to the river hospitals, and 418 were visitors, staff, workmen, &c.

The vessels were under steam 6,999 hours, and under way 523 hours; they ran 5,452 miles, and consumed 177 tons of coal.

The cost of this part of the service was £7,417.

**Works  
department.**

19. The cost of the minor works carried out by the direction of the Engineer-in-Chief, under contracts made by the Board (mostly for the upkeep of the fabric of institutions), was about £20,000, of which £13,000 was due to building works and repairs, and the remainder to engineering works and repairs. Besides this amount, a certain sum, not easily ascertainable, was incurred for work done by the staff of the institutions under the direction of the Engineer-in-Chief, and, in addition, the sum of £2,600 was spent on cleaning and painting works during the year.

The last report gave a list of works which had been postponed on account of the war, and noted that the following were then in progress:—

Extension of Tooting Bec Asylum...	...	...	£171,000
Extension of East Cliff House	...	...	£34,000
Engineering works at the North-Western Hospital			£9,000



The work in connection with the first of these was entirely suspended towards the middle of the year by the order of the Government, but the other two were proceeded with; the last was quite finished at the end of the year, and the other nearly so.

**Supply department.** 20. The work of the department entrusted with the duty of arranging for the Board's supplies has throughout the year again been specially onerous by reason of the conditions arising from the war.

The following is a classification of some of the principal contracts for supplies entered into during the year :

	<i>Number of contracts.</i>	<i>Approximate total value.</i>
Bread (monthly contracts) ... ..	—	£30,100
Flour ( " " ) ... ..	—	17,100
Potatoes (fortnightly contracts) ... ..	—	9,900
Bacon (weekly contracts) ... ..	—	11,500
Eggs ( " " ) ... ..	—	11,200
Other provisions ... ..	208	150,000
Necessaries ( <i>i.e.</i> , soap, soda, oilman's goods, paints, and the like) ... ..	35	12,900
Stores goods ( <i>i.e.</i> , cotton, linen and woollen goods, clothing, hardware, boots and shoes, crockery, &c.) ... ..	74	34,900
Coal and coke ... ..	56	104,000

In addition, 77 other contracts for various supplies were made, of which no estimate of value sufficiently reliable for any useful purpose can be given. There were also made centrally through the Contract Department upwards of 7,800 purchases of miscellaneous goods, of values ranging from £1 or less to £100, or, in some cases, more, required at different institutions and not obtainable under contract. Owing to the fact that a considerable proportion of the Board's supplies, obtained in normal conditions under periodical contracts, including delivery, were on account of war conditions necessarily purchased during the year under review as and when they could be obtained—which in many cases meant purchase in bulk where produced, or on rail or ex wharf or warehouse—no accurate statement of the gross total cost of the supplies arranged for centrally can be given.

It may be said, however, that the total exceeded £600,000, the increase over previous years' amounts being largely due to war prices.

The following table shows the number of samples and classes of supplies analysed during the year and the results of analysis :—

<i>Description.</i>	<i>Satisfactory.</i>	<i>Unsatisfactory.</i>	<i>Total.</i>
Milk ... ..	4	2	6
Provisions ... ..	550	13	563
Necessaries ... ..	397	15	412
<b>Totals ...</b>	<b>951</b>	<b>30</b>	<b>981</b>



Unsatisfactory samples represent 3·06 per cent. of the total number analysed, a decrease of 5·44 on the previous year's percentage of 8·5. All deliveries of milk at the Board's institutions are tested with the Gerber apparatus before acceptance, so that samples are sent for professional analysis only in special circumstances.

**Bacteriological laboratories.**

21. The work of this department is best set forth in the words of the bacteriologist and the bacteriological adviser, and the following is their report for the year :—

DIPHTHERIA ANTITOXIN.

(1) The preparation of diphtheria antitoxin has been carried out much on the lines of former years. The number of doses supplied during 1916 to the various institutions of the Board was 37,446 doses, each of 4,000 units, or, in all, 149,784,000 units.

During the year 9,019 cases, including 540 in which diphtheria bacilli were found to be present, although they manifested no clinical evidence of the disease, were treated for diphtheria in the Board's hospitals. It is calculated that, on the average, 16,607 units were used for each patient. The corresponding figures for 1915 were 159,844,000 units for a total of 8,172 patients treated, or 19,559 units per patient.

In addition to the Board's institutions, two hospitals not under the Board, viz., the Middlesex Hospital and the Hospital for Sick Children, Great Ormond Street, were, as in previous years, provided with diphtheria antitoxin, the total amount supplied during 1916 being 300,000 units. The quantity supplied during 1915 was 600,000 units.

DIAGNOSTIC WORK.

(2) During the past year 449 specimens, mainly swabs from the throat, nose, or ear of patients in the hospitals of the Board, have been examined for the presence of virulent diphtheria bacilli. These specimens were derived from 254 patients in whom diagnosis was doubtful, or who were awaiting their discharge from hospital. Specimens from 2·8 per cent. of the diphtheria patients treated in the Board's hospitals were thus examined at the laboratories, the remainder probably being cases in which the diagnosis was simple and straightforward. In 1915 the corresponding figures were 845 specimens from 416 patients, or 5·09 per cent. of the total cases treated.

In addition, 51 specimens from patients in the children's institutions and 10 specimens from the war refugees have been similarly examined.

(3) During 1916, 333 samples of blood taken from typhoid patients in the Board's fever hospitals have been examined for the determination of the agglutinative reaction upon the typhoid bacilli of the serum from these samples, with the object of corroborating or correcting the diagnosis of enteric fever (Widal's reaction). These specimens were derived from 301 patients.

49 samples of blood from 48 inmates of the Board's asylums and 2 samples from other institutions under the Board were tested in a similar manner.

171 samples of blood have also been examined for their agglutinative reaction upon organisms allied to typhoid bacilli, viz., the members of the paratyphoid group.

(4) Of fæces 53 samples, and of urine 54 samples, from 19 cases in the



Board's hospitals were examined for the presence of typhoid bacilli, and 5 samples of fæces and 5 samples of urine from 2 cases were similarly examined for the Board's asylums.

(5) Of sputum, 5,079 samples were examined microscopically for the presence of tubercle bacilli. These specimens were derived from patients in the Downs Sanatorium, Northern Hospital, Queen Mary's Hospital, and the War Refugees' Dispensary. In addition, 54 specimens from cases suspected to be suffering from tuberculosis have been examined for various institutions under the Board.

(6) Of cerebro-spinal fluid from cases suspected to be suffering from cerebro-spinal meningitis, 127 samples were submitted for examination during the year.

(7) Other samples (10 in number) were received at the laboratories and there examined with the object of separating and, if possible, identifying the organisms present. In 11 cases standardized vaccines designed for use in the treatment of these cases were prepared from the bacteria isolated from the material submitted for examination, and in 3 cases vaccines prepared from organisms, cultures of which are maintained at the laboratory, were supplied.

(8) 1 sample of excreta was examined for the presence of the dysentery bacillus, and 4 examinations for the gonococcus have been carried out. 1 sample of urine was examined for the presence of albumen and casts.

(9) 92 specimens have been examined for the Wassermann reaction.

(10) The water supplies of certain of the Board's institutions have been kept under observation during the past year, 31 samples of potable water taken from 4 institutions being brought under examination.

(11) The sterilizing plant at Leavesden Asylum has been tested once during the year.

(12) Outfits necessary for diagnostic work and a large quantity of various culture media and tuberculin dilutions were supplied to the Board's institutions.

**Pathological  
laboratories.**

22. The Board's Research Pathologist (Dr. Mair) has continued his research work on behalf of the Board at the Lister Institute, and early in the year submitted a paper "On the Etiology of Scarlet Fever," which subsequently appeared in vol. xx. of the Journal of Pathology and Bacteriology. The work which Dr. Mair has accomplished during the past three years will be of great value as a preparation for further investigations into the causation of infectious diseases.

**VI. THE BOARD OF MANAGEMENT AND ITS WORK.**

23. A list of the members of the Board, with their addresses and the unions or parishes they represent, is given in Table II. The present Board was elected in 1913, and in the ordinary course of events a new election would have fallen due in 1916, but in consequence of the war, the continuance in office of the present members was extended for another year, *i.e.*, until May, 1917. In like manner, the *status quo* with regard to the Committees, the chairman and vice-chairman of the Board, and the chairmen



of the committees and sub-committees has been preserved. Several changes have taken place owing to resignation, and one to death, viz., that of Mr. W. F. Penfold, who represented the Wandsworth Guardians for 24 years.

24. When the Board was first formed its only duties were to provide accommodation for imbeciles and for fever and smallpox patients of the poor law class, but the number of classes now cared for by the Board is about 20, and during the year two further classes have been added, viz., sane epileptics, for whom the Board have on several occasions during the past few years been asked to provide, and parturient women suffering from venereal disease. The first class will be accommodated in the Epileptic Colony at Edmonton and in the Children's Home at Hanwell, and it is hoped to arrange for the reception and treatment of the parturient women in the City of London guardians' establishment at Thavies Inn, but at the end of the year admissions had not actually commenced.

A general description of the work of the Board is given in No. I. of the Appendices and Tables, while No. III. gives certain details of each of the institutions controlled by the Board.

25. Most of the work of the Board is done by committees (and their sub-committees), of which the following is a list :—

General Purposes Committee, a committee of the whole Board, to whom are referred all questions of policy and all questions affecting the Board's work as a whole. This committee has 4 sub-committees.

Finance Committee (12 members), whose duties are sufficiently indicated by its name.

Hospitals Committee (36 members), who manage the infectious hospitals, a list of which is included in Table III. This committee works through 14 sub-committees.

Asylums Committee (30 members), who manage the imbecile asylums and the industrial and epileptic colonies. A list of these institutions is included in the same table. This committee has 7 sub-committees.

Children's Committee (36 members), who manage the hospitals, schools and homes for sick children, a list of which is given in the same table. This committee has 10 sub-committees.

Sanatorium Committee (9 members), to manage the sanatoria mentioned in the same table.

Works Committee (16 members), who supervise building and engineering work. One sub-committee.

Contract Committee (18 members), who arrange for the supplies needed at the several institutions. One sub-committee.

Ambulance Committee (12 members), who control the land ambulance service.

Training Ship Exmouth Committee (12 members), who manage the training ship. Three sub-committees.

Casual Wards Committee (12 members), who control the casual wards.

Statistical Committee (12 members), whose principal function is to supervise the issue of the annual report of the Board, of which this is the nineteenth consecutive issue, but which, as already explained, now appears in a much diminished form.

(Signed) R. WOOLLEY WALDEN,  
*Chairman of the Board.*

(Signed) E. C. BOUSFIELD,  
*Chairman of the Statistical Committee.*

(Signed) DUNCOMBE MANN,  
*Clerk to the Board.*

OFFICE OF THE BOARD,  
EMBANKMENT, LONDON, E.C.

20 July, 1917.





APPENDICES AND TABLES.

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## I.

CONSTITUTION AND DUTIES OF THE METROPOLITAN ASYLUMS BOARD.

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## CONSTITUTION.

The Metropolitan Asylums Board was established by an Order of the Poor Law Board, dated 15 May, 1867, pursuant to the provisions of the Metropolitan Poor Act, 1867 [30 & 31 Vic., c. 6]. This Act empowered the Poor Law Board to combine into districts the unions and parishes of the metropolis as they should think fit, for the purpose of establishing "asylums" for the reception and relief of the sick, insane or infirm, or other class or classes of the poor, and to issue Orders controlling the action of the Managers of any such district.

The Metropolitan Asylum District embraces all the unions and parishes in London, and the Board deal with those matters which it is considered can best be transacted by a central authority for the whole of the metropolis rather than by each separate board of guardians acting locally. The Poor Law Board and their successors, the Local Government Board, have from time to time issued Orders for the direction and guidance of the Metropolitan Asylums Board.

The Board is composed of 73 members, 55 being elected by the metropolitan boards of guardians and 18 nominated by the Local Government Board.

## DUTIES.

(i.) *Infectious diseases.*

The first Order already referred to, dated 15 May, 1867, constituted the Board

for the reception and relief of the classes of poor persons chargeable to some union or parish in the said district respectively, who may be infected with, or suffering from, fever, or the disease of smallpox, or may be insane.

The Diseases Prevention (London) Act, 1883 [46 & 47 Vic., c. 35], removed the civil disabilities which had till then been attached to admission into the Board's hospitals.



In 1888 the Board was authorised to admit diphtheria patients, and by the Poor Law Act, 1889 [52 & 53 Vic., c. 56], they were empowered to admit non-pauper cases of fever, diphtheria, and smallpox.

These provisions with regard to the removal and reception of fever, diphtheria, and smallpox patients were subsequently incorporated in the Public Health (London) Act, 1891 [54 & 55 Vic., c. 76].

By Order dated 18 February, 1911, the Local Government Board sanctioned the admission to any of the infectious hospitals of poor persons suffering from such infectious or contagious diseases other than those above mentioned as they might thereafter determine. On 22 February, 1912, the Board sanctioned the admission of poor children suffering from measles or whooping cough received through the metropolitan poor law authorities, while by further Orders, dated 30 May, 1911, and 9 August, 1912, issued pursuant to the provisions of the Public Health (London) Act, 1891, sec. 80, the Local Government Board sanctioned the admission, subject to certain restrictions, of non-pauper cases of measles and whooping cough respectively.

On 2 July, 1912, the Local Government Board (under their Order of 18 February, 1911) authorised the Managers to receive into their infectious hospitals poor persons suffering from puerperal fever through the poor law authorities, and by Order dated 20 August, 1912, prescribed that, subject to certain restrictions, non-pauper cases should also be admitted.

Provision is made at the infectious hospitals for the instruction of medical students and of candidates for the diploma of public health. Provision is also made for bacteriological work and for research work into the causation of infectious disease.

The Board receives from the several medical officers of health notifications of infectious disease occurring in the metropolis, and publishes information relating thereto. [Infectious Disease (Notification) Act, 1889 (52 & 53 Vic., c. 72), and Public Health (London) Act, 1891 (54 & 55 Vic., c. 76), s. 55, s.s. (4).]

#### (ii.) *Sanatoria and hospitals for tuberculous patients.*

The Board has entered into arrangements under which it provides accommodation for tuberculous patients in the county of London as required by the Insurance Committee for the county [National Insurance Acts, 1911 to 1913, 1 & 2 Geo. 5, c. 55, and 3 & 4 Geo. 5, c. 37]. Accommodation for non-insured persons is also provided, the cost being borne partly by the Government and partly by the Board.

#### (iii.) *Ambulance service.*

By the Poor Law Act, 1879 [42 & 43 Vic., c. 54, s. 16], superseded by sec. 79 of the Public Health (London) Act, 1891, the Board was empowered to provide an ambulance service for the removal of patients.

#### (iv.) *The mentally defective.*

The Local Government Board Order, dated 15 May, 1867, included the "insane" amongst the classes of poor for whose reception and relief the Board was constituted.

A further Order, dated 18 May, 1875, defined the persons to be admitted into the Board's imbecile asylums as

such harmless persons of the chronic or imbecile class as could be lawfully retained in a workhouse; but no dangerous or curable persons such as would under the statutes in that behalf require to be sent to a lunatic asylum shall be admitted.

A Local Government Board Order, dated 2 April, 1897, included feeble-minded children amongst the classes of poor persons to be received by the Board, and authority was subsequently given for the retention of these



cases after 16 years of age. The provisions in this behalf are now incorporated in an Order dated 29 December, 1911, and called the Metropolitan Asylums (Mentally Defective Persons) Order, 1911, which defines the mentally defective persons to be received as

persons not certified as lunatics, who by reason of mental defect are incapable of receiving proper benefit from ordinary instruction, or cannot be properly trained in association with other persons in ordinary schools or institutions, or are incapable of using ordinary means or precautions for protecting themselves from injury or improper usage or treatment, or are incapable of maintaining themselves by work; provided that any such poor person on admission into an asylum belonging to the Metropolitan Asylum Managers shall not exceed 21 years of age.

(v.) *Boys for training.*

The provision of a training ship for the training of boys for sea service was sanctioned by the Local Government Board in 1875, under the terms of the Metropolitan Poor Amendment Act, 1869 [32 & 33 Vic., c. 63, s. 11.]

(vi.) *Sick children.*

By Orders of the Local Government Board, dated 2 April, 1897, and 11 September, 1908, the Board was constituted as the central metropolitan authority for dealing with various classes of poor law children, the sick and convalescent, those suffering from ophthalmia and ringworm and the mentally defective (see above). Under the first of these Orders the Board also provided for juvenile offenders from 1902 to 1910, when this branch of work was transferred to the London County Council.

(vii.) *Casual poor.*

On 10 November, 1911, the Local Government Board issued the Metropolitan Casual Paupers Order, 1911, forming a district conterminous with the existing Metropolitan Asylum district for the relief of the casual poor of the metropolis. The Order also provided under section 10 of the Pauper Inmates Discharge and Regulation Act, 1871 [34 & 35 Vic., c. 108], that the Managers of the Metropolitan Asylum district should be the Managers of the new district. Prior to the issue of this Order, every metropolitan board of guardians was required by the Metropolitan Houseless Poor Act, 1864 [27 & 28 Vic., c. 116], to provide casual wards for "destitute wayfarers and foundlings."

As contemplated in the Casual Paupers Order, the Local Government Board on 28 March, 1912, issued the Metropolitan Casual Wards (Transfer) Order, 1912, transferring to the Managers on terms prescribed therein those of the casual wards provided under the Act quoted, which it was proposed to continue.

The effect of these two Orders was to centralise the control under the Board, from 1 April, 1912, of most of the casual wards administered prior to that date by the separate boards of guardians.

In connection with the casual wards the Board has undertaken the management of a scheme for dealing, in co-operation with the police and voluntary agencies, with the homeless poor at night.

(viii.) *Parturient women suffering from venereal disease.*

The Local Government, in September, 1916, issued an order adding this class to those for whom provision is made by the Managers, and arrangements are being made for the treatment of such cases in the City of London guardians' institution at Thavies Inn.



*(ix.) Sane epileptics.*

In 1916 the Managers, on the suggestion of the Local Government Board, undertook to receive sane epileptic children in a portion of one of their children's homes, and subsequently they agreed also to arrange for the care of male adult sane epileptics. Early in 1917 the Local Government Board issued an order adding sane epileptics to the classes of poor persons for whose maintenance the Metropolitan Asylum District is deemed to be formed.

*(x.) Summary of duties.*

The work of the Board now includes the following and the administration of the institutions, particulars of which are shown in Table III. :—

*Infectious diseases*—fourteen hospitals for smallpox, scarlet fever, diphtheria, enteric (or typhoid) fever, typhus fever, measles, whooping cough and puerperal fever (with arrangements for dealing with plague and cholera).

*Bacteriological establishment and laboratories.*

*Sanatoria* for tuberculous patients (National Insurance Act, 1911-1913)—two institutions and part of one of the infectious hospitals.

*Parturient women with venereal disease*—to be treated in the first instance for the Managers by the Guardians of the City of London Union.

*Notification of infectious disease*—the collection and distribution of information in this matter.

*Mentally defective*—four asylums for imbeciles, including infirmary for aged patients, two industrial colonies for improvable imbeciles and feeble-minded.

*Sane epileptics*—one colony and part of a children's home.

*Sick children*—two hospitals for sick children, four sanatoria and homes (three at the seaside), one home for ringworm and other skin diseases, and two ophthalmia schools.

*Boys*—a training ship Exmouth I. and its tender Exmouth II.

*Casual poor*—eighteen (12 closed) casual wards for homeless poor; homeless poor night office.

*Ambulance services*—seven ambulance stations, three riverside wharves, with motor ambulances and ambulance steamers.

*Central stores*—for reception of goods and their distribution to the various institutions.



TABLE II.

*List of members of the Board at the close of the year 1916.*

## MANAGERS ELECTED BY THE SEVERAL METROPOLITAN BOARDS OF GUARDIANS.

UNION OR PARISH.	NAME OF MANAGER.	ADDRESS.
Bermondsey ..	Ecroyd, W. H., J.P. .. ..	10, Burghill Road, Sydenham, S.E. 26
Bethnal Green ..	Eickhoff, Walter .. ..	"Clovelly," Devonshire Road, Forest Hill, S.E. 23
Camberwell ..	Brown, Richard .. ..	32, East Dulwich Road, S.E. 22
" ..	Sayer, Samuel .. ..	302, Southampton Street, Camberwell, S.E. 5
Chelsea ..	Crosse, T. Warren .. ..	10, Cresswell Gardens, South Kensington, S.W. 5
City of London ..	Benson, C. J. .. ..	18, Camomile Street, E.C. 3
" ..	Doughty, Rev. Geo. Bell .. ..	27, Westbourne Gardens, W. 2
" ..	Spaul, H. B. .. ..	"Hallingbourne," 5, Halesworth Road, Lewisham, S.E. 13
" ..	Turner, Benjamin .. ..	218, Lordship Road, Stoke Newington, N. 16
" ..	Wilkinson, Cuthbert .. ..	2, Mitre Court, Fleet Street, E.C. 4
City of Westminster ..	Heilbuth, Geo. H. .. ..	15, Walbrook, E.C. 4
" ..	Hilliersdon, Rev. F. Harcourt, J.P., M.A. (Chairman, General Purposes Committee) .. ..	73, Ridgmount Gardens, W.C. 1
" ..	Smith, William .. ..	88, Cambridge Street, S.W. 1
" ..	Thomson, H. Lyon, J.P. .. ..	34, St. James' Street, S.W. 1
" ..	Walden, R. Woolley, J.P. (Chairman of the Board) .. ..	"Bella Vista," Upper Warringham
" ..	Winch, Henry, J.P. .. ..	Members' Mansions, 36, Victoria Street, S.W. 1
Fulham ..	Botterill, Charles (Vice-Chairman, General Purposes Committee) .. ..	St. Botolph's, Fulham Palace Road, Fulham, S.W. 6
Greenwich ..	Oldman, F. J. .. ..	Troutbeck House, 39, Troutbeck Road, New Cross, S.E. 14
Hackney ..	Bates, Thomas .. ..	67, Clifden Road, Lower Clapton, N.E.
" ..	Parker, Richard .. ..	102, Downs Park Road, Hackney Downs, N.E. 5
Hammersmith ..	Seager, Osmund .. ..	3, Girdler's Road, West Kensington, W. 14
Hampstead ..	Sheffield, Col. Frank .. ..	"Palaspai," Daleham Gardens, Hampstead, N.W. 3
Holborn ..	Garrity, Edward, F.J.I. .. ..	Accrington House, 70, Winston Road, Green Lanes, N. 16
" ..	Mount-Somerby, Herbert S. .. ..	32, Great Ormond Street, W.C. 1
" ..	Smith, Col. William R., J.P., D.L., M.D. .. ..	37, Russell Square, W.C. 1
Islington ..	Clarke, J. .. ..	5, Gladsmuir Road, Upper Holloway, N. 19
" ..	Lander, James B. .. ..	30, Whitehall Park, Archway Road, N. 19
" ..	Walkley, Alfred .. ..	Tower House, 17, Cromartie Road, Hornsey Rise, N. 19
Kensington ..	Fleming, Sir Francis, K.C.M.G. .. ..	9, Sydney Place, South Kensington, S.W. 7
" ..	Webb, Col. R. F., J.P., D.L. .. ..	6, West Cromwell Road, South Kensington, S.W. 5
" ..	Wilde, Miss M. J. .. ..	84, Lexham Gardens, W. 8
Lambeth ..	Clark, Arthur .. ..	"Lynton," Crane's Park, Surbiton
" ..	Thimm, Captain F. K., R.N.R. .. ..	3, Court Road, West Norwood, S.E. 27
" ..	West, F. H. .. ..	24, Haycroft Road, Brixton Hill, S.W. 2
Lewisham ..	Baxter, H. A. .. ..	"Kildare," Forest Hill, S.E. 23
Mile End Old Town ..	Boustred, G. R. .. ..	83, Clark Street, Stepney, E. 1
Paddington ..	Graham, Henry .. ..	182, Fernhead Road, W. 9
" ..	Vaughan-Owen, David .. ..	16, Harrow Road, W. 2
Poplar ..	Hunt, Rev. W. H. .. ..	St. Mark's Vicarage, Victoria Park, N.E. 9
St. George-in-the-East ..	Reidy, Mrs. F. .. ..	314, Commercial Road, E. 1
St. Marylebone ..	Broadbent, Miss M. E. .. ..	9, York Terrace, Regent's Park, N.W. 1
" ..	Browne, Elliott S., L.R.C.S.I., L.R.C.P.I. .. ..	146, Gt. Portland Street, W. 1
" ..	Morris, Francis, J.P. .. ..	14, St. John's Wood Park, N.W. 8
St. Pancras ..	Cosburn, G. F., J.P. .. ..	83, Judd Street, W.C. 1
" ..	Dauntton, G. S. .. ..	1, Guilford Street, W.C. 1
" ..	Oakley, Miss F. C. E. .. ..	4, Albert Terrace, Regent's Park, N.W. 1
Shoreditch ..	Tyrie, George .. ..	Hastings Villa, Richmond Road, Dalston, N.E. 8
Southwark ..	Cornell, Thomas .. ..	"Ingleside," 32, Dornton Road, Balham, S.W. 12
" ..	Devereux, J. O. .. ..	20, Nelson Square, Blackfriars Road, S.E. 1
Stepney ..	Higley, Rev. F. H. .. ..	636, Commercial Road East, E. 14
Wandsworth ..	Fowle, G. J. .. ..	67, Erpingham Road, Putney, S.W. 15
" ..	Norman, J. .. ..	6, Ulva Road, Putney, S.W. 15
" ..	Sullivan, Alfred .. ..	"Sunnydene," 3, St. Nicholas Road, Balham, S.W. 1
Whitechapel ..	Bailey, William .. ..	"Harefield," Romford, Essex
Woolwich ..	Imrie, Andrew .. ..	60, Heavittree Road, Plumstead, S.E. 18

## MANAGERS NOMINATED BY THE LOCAL GOVERNMENT BOARD.

NAME OF MANAGER.	ADDRESS.
Acworth, W. M. .. ..	The Albany, Piccadilly, W. 1
Baker, Miss I. M. .. ..	37, Brooke Street, Holborn, E.C. 1
Bousfield, E. C., L.R.C.P., M.R.C.S., D.P.H. .. ..	6, De Crespigny Park, Denmark Hill, S.E. 5
Curtis, Rev. Canon Hubert, M.A. .. ..	The Vicarage, Mallwood Road, Balham Hill, S.W. 12
Doneraile, The Viscount .. ..	91, Victoria Street, Westminster, S.W. 1
Drage, Geoffrey .. ..	29, Cadogan Square, S.W. 1
Gell, H. W., M.B. .. ..	28, Colehill Gardens, Fulham, S.W. 6
Elliott, G. S., J.P. .. ..	14, Upper Street, Islington, N. 1
Henderson, Admiral W. H. .. ..	3, Onslow Houses, S.W. 7
Hubbard, N. W., J.P. .. ..	"Hawarden," 41, Chestnut Road, West Norwood, S.E. 27
Hunt, Jackson, J.P. .. ..	23, Montagu Square, W. 1
Meinertzhagen, E. L., J.P. .. ..	4, Cheyne Walk, Chelsea, S.W. 3
Portman, Berkeley .. ..	38, Hurlingham Court, S.W. 6
Puxley, Miss Zoë L. .. ..	"Ty-Bach," Pinner, Middlesex
Ritchie, Gerald .. ..	55, Oakley Street, Chelsea, S.W. 3
Scovell, Sir Augustus, J.P. .. ..	8, Primrose Mansions, Battersea Park, S.W. 11
Sprankling, The Very Rev. Canon (Vice-Chairman of the Board) .. ..	St. Charles, Heath Road, Weybridge
Shaw, Lauriston E., M.D. .. ..	12, Park Square West, N.W. 1



TABLE III.—List of the institutions

No.	Name of institution.	Where situated.
1	Central stores .. .. .	Soloman's Passage, Peckham Rye, S.E. 15..
2	Bacteriological establishments .. ..	Sutton, Surrey .. .. .
	<b>Infectious hospitals.</b>	
3	Eastern Hospital .. .. .Fever	Homerton Grove, E. 9 .. ..
4	North-Eastern Hospital .. .. "	S. Ann's Road, South Tottenham, N. 15 ..
5	North-Western .. .. .	Lawn Road, Hampstead, N.W. 3 .. ..
6	Western .. .. .	Seagrave Road, Fulham, S.W. 6 .. ..
7	South-Western .. .. .	Lander Road, Stockwell, S.W. 9 .. ..
8	*Grove .. .. .	Tooting Grove, Tooting Graveney, S.W. 17
9	South-Eastern .. .. .	Avonley Road, New Cross, S.E. 14 .. ..
10	Park .. .. .	Hither Green, Lewisham, S.E. 13 .. ..
11	*Brook .. .. .	Shooters Hill, Woolwich, S.E. 18 .. ..
12	Northern (part of) .. .. .	Winchmore Hill, N. 21 .. ..
13	Southern Upper .. .. .	Dartford, Kent .. .. .
13	* " Lower .. .. .	
14	Joyce Green .. .. .Fever or smallpox	" .. .. .
	<b>River hospitals.</b>	
15	Long Reach Pier Buildings .. .. Smallpox	" .. .. .
16	Long Reach Hospital .. .. .	" .. .. .
16	*Orchard Hospital .. .. .Fever or smallpox	" .. .. .
	<b>Sanatoria.</b>	
17	Northern Hospital (part of) .. ..	Winchmore Hill, N. 21 .. ..
18	Downs Sanatorium .. .. .	Sutton, Surrey .. .. .
18	St. George's Home .. .. .	Milman's Street, Chelsea, S.W. 10 .. ..
	<b>Imbecile asylums.</b>	
19	Tooting Bec Asylum and Children's Re- ceiving Home .. .. .	Tooting, S.W. 17 .. .. .
20	Leavesden Asylum .. .. .	King's Langley, Herts .. .. .
21	Caterham .. .. .	Caterham, Surrey .. .. .
22	Fountain (temporary) Asylum .. ..	Tooting Graveney, S.W. 17 .. ..
23	Belmont Asylum .. .. .	Sutton, Surrey .. .. .
24	Edmonton .. .. .	Silver Street, Edmonton, N. 18 .. ..
	<b>Industrial colonies.</b>	
25	Darenth—(i.) Imbeciles .. ..	Dartford, Kent .. .. .
25	(ii.) Feeble-minded .. ..	
26	Bridge—Feeble-minded .. ..	Witham, Essex .. .. .
	Edmonton—Sane epileptics .. ..	Silver Street, Edmonton, N. 18 .. ..
27	<b>Training ship Exmouth</b> † .. ..	Grays, Essex .. .. .
27	Infirmery .. .. .	" .. .. .
27	<b>Exmouth II.</b> , sea-going tender .. ..	" .. .. and cruising .. .. .
	<b>Children's institutions.</b>	
28	Queen Mary's Hospital for sick or convalescent children .. .. .	Carshalton, Surrey .. .. .
29	The Children's Home .. .. .	Hanwell, W. 13 .. .. .
30	The Children's Infirmery .. .. .	Cleveland Street, W. 1 .. ..
31	S. Anne's Home .. .. .	Herne Bay, Kent .. .. .
32	East Cliff House .. .. .	Margate, Kent .. .. .
33	Millfield .. .. .	Rustington, near Littlehampton .. ..
34	Goldie Leigh Homes, for ringworm & skin diseases	Abbey Wood, S.E. 2 .. ..
35	White Oak School, for ophthalmia .. ..	Swanley Junction, Kent .. ..
36	High Wood .. .. .	Brentwood, Essex .. .. .
	<b>Casual wards.</b>	
37 to 54	18 wards .. .. .	Various parts of the metropolis .. ..
	<b>Ambulance stations.</b>	
55	Eastern Ambulance Station .. ..	Brooksby's Walk, Homerton, E. 9 .. ..
56	North-Western .. .. .	Lawn Road, Hampstead, N.W. 3 .. ..
57	Western .. .. .	Seagrave Road, Fulham, S.W. 6 .. ..
58	South-Western .. .. .	Lander Road, Stockwell, S.W. 9 .. ..
59	South-Eastern .. .. .	New Cross Road, S.E. 14 .. ..
60	Brook .. .. .	Shooters Hill, Woolwich, S.E. 18 .. ..
61	Mead .. .. .(motor workshop)	Carnwath Road, Fulham, S.W. 6 .. ..
62	<b>Wharves, piers, and steamers.</b>	
	North Wharf .. .. .	Managers' Street, Blackwall, E. 14 .. ..
63	South .. .. .	Trinity Street, Rotherhithe, S.E. 16 .. ..
64	West .. .. .	Carnwath Road, Fulham, S.W. 6 .. ..
—	Five ambulance steamers .. .. .	" .. .. .

\* Temporarily occupied by the army medical authorities.

† The present training ship Exmouth was built for the Board in 1905.

‡ 54 acres of meadow land adjoining is also rented.



of the Board.

No.	Date of opening.	Acreage.	Accommodation.		
			Total number of beds.	No. of beds in special wards (isolation, separation, discharge, &c.)	No. of beds in ordinary wards.
1	September, 1908 .. .. .	2 a. 2 r. 0 p. .. .. .	..	..	..
2	May, 1907 .. .. .	2 a. 2 r. 0 p. .. .. .	..	..	..
3	1 February, 1871 .. .. .	9 a. .. .. .	375	67	308
4	8 October, 1892 .. .. .	33 a. 0 r. 6 p. .. .. .	623	149	474
5	25 January, 1870 .. .. .	12 a. 1 r. 19 p. .. .. .	464	100	364
6	10 March, 1877 .. .. .	13 a. 2 r. 35 p. .. .. .	456	54	402
7	31 January, 1871 .. .. .	8 a. 1 r. 20 p. .. .. .	347	77	270
8	17 August, 1899 .. .. .	22 a. 3 r. 3 p. .. .. .	537	121	416
9	17 March, 1877 <i>(Reconstructed 1904-1906 and re-opened 2 July, 1906)</i>	10 a. 2 r. 0 p. .. .. .	496	72	424
10	8 November, 1897 <i>(Used for sick and convalescent children from Nov., 1910, to Oct., 1914)</i>	19 a. 1 r. 6 p. .. .. .	548	132	416
11	31 August, 1896 .. .. .	29 a. 1 r. 2 p. .. .. .	580	104	476
12	25 September, 1887 .. .. .	35 a. 2 r. 38 p. .. .. .	475	85	390
13	October, 1890 .. .. .	160 a. 0 r. 16 p. .. .. .	922	166	756
14	Erected 1902 .. .. .		610	42	568
14	28 December, 1903 .. .. .	254 a. 1 r. 18 p. .. .. .	940	184	756
			7,373	1,353	6,020
15	27 February, 1902 .. .. .	24 a. 0 r. 37 p. .. .. .	50 beds.		
16	Erected spring, 1902 .. .. .	63 a. 0 r. 18 p. .. .. .	300	"	"
	(see above) .. .. .	(see above) .. .. .	800	"	1,150
17	26 February, 1903 .. .. .	19 a. 1 r. 24 p. .. .. .	262	"	"
18	14 May, 1914 .. .. .	.. .. .	366	"	"
			50	"	678
19	19 January, 1903 .. .. .	28 a. 3 r. 18 p. <i>(including Bushey Down)</i>	†1,114	"	"
20	October, 1870 .. .. .	143 a. 2 r. .. .. .	2,195	"	"
21	" .. .. .	§154 a. 1 r. 32 p. .. .. .	2,109	"	"
22	" 1893 <i>(Used as a fever hospital until 1911, then as home for defectives during part of 1912)</i>	10 a. (about) .. .. .	666	"	"
23	Purchased 1902 .. .. .	93 a. .. .. .	*Let to Fulham Grdns.		
24	" 1914 .. .. .	23 a. .. .. .	Used for war refugees.		
25	November, 1878 .. .. .	164 a. 1 r. 0 p. .. .. .	1,668	beds.	7,752
26	12 February, 1901 <i>(Used for ringworm cases until 1906, then as a home for defectives until 1911)</i>	7 a. 1 r. 0 p. .. .. .	630	beds.	840
	Purchased 1914 .. .. .	10 a. .. .. .	210	"	358
27	March, 1876† .. .. .	.. .. .	700	boys.	"
	August, 1905† .. .. .	6 a. 2 r. 13 p. .. .. .	34	beds.	"
	July, 1913† .. .. .	.. .. .	80	boys.	814
28	29 January, 1909 .. .. .	136 a. 0 r. 0 p. .. .. .	850	beds.	"
29	January, 1916 <i>(Trans. to Board temporarily)</i>	10 a. (about) .. .. .	300	"	"
30	May, 1916 .. .. .	1 a. (about) .. .. .	234	"	"
31	26 December, 1897 .. .. .	2 a. 3 r. 0 p. .. .. .	134	"	"
32	26 June, 1898 .. .. .	3 a. 2 r. 20 p. .. .. .	270	"	"
33	6 April, 1904 .. .. .	5 a. 2 r. 0 p. .. .. .	120	"	"
34	1 November, 1914 .. .. .	32 a. .. .. .	280	"	"
35	20 March, 1903 .. .. .	49 a. 2 r. 10 p. .. .. .	360	"	"
36	26 July, 1904 .. .. .	28 a. .. .. .	**360	"	2,888
37 to 54	Transferred to the Asylums Board, 1 April, 1912.	.. .. .	1,253	beds.	"
55	20 June, 1885 .. .. .	The areas of these sites are included in those of the adjoining hospitals (see above).	..	..	..
56	1 September, 1897 .. .. .		..	..	..
57	9 July, 1884 .. .. .		..	..	..
58	2 May, 1898 .. .. .		..	..	..
59	1 October, 1883 .. .. .		..	..	..
60	18 August, 1896 .. .. .	On part of the West Wharf site ..	..	..	..
61	April, 1902 .. .. .		..	..	..
62	Purchased January, 1884 .. .. .	— 2 r. 0 p. .. .. .	9	beds.	"
63	" December, 1883 .. .. .	2 a. 1 r. 0 p. .. .. .	24	"	"
64	" February, 1885 .. .. .	2 a. 2 r. 10 p. .. .. .	..	..	..
—	May, 1884, to March, 1902 .. .. .	.. .. .	178	beds.	"

† Temporarily increased to 1,149.

‡ On completion of reconstruction now in progress.

\*\* A portion temporarily occupied by military authorities.



TABLE IV.

*Numbers and classification of the staff as on 1 Jan., 1917.*

	Infectious hospitals and sanatoria.		Asylums.		Children's institutions and Exmouth.		Ambulance and other services.		Head office.		TOTAL.	
	Per.	Tem.	Per.	Tem.	Per.	Tem.	Per.	Tem.	Per.	Tem.	Per.	Tem.
<b>MALES.</b>												
Principal officers ...	37	—	17	1	10	1	16	—	—	—	80	2
Medical and dental staff ...	51	12	13	10	29	8	7	—	1	—	101	20
Attendants and instructors ...	24	5	423	237	41	19	14	5	—	—	502	266
Clerical staff ...	42	26	25	6	18	4	14	2	94	15	193	55
Engineering staff ...	105	49	58	23	29	12	18	4	—	—	210	8
Motor drivers ...	1	—	4	—	1	—	65	4	—	—	71	4
Porters ...	196	157	60	36	34	24	13	4	4	3	307	224
Garden and farm staff ...	45	20	52	28	14	9	—	—	—	—	109	57
Others ...	70	41	111	39	26	15	33	15	6	3	246	115
<b>TOTAL ...</b>	<b>569</b>	<b>310</b>	<b>763</b>	<b>380</b>	<b>202</b>	<b>92</b>	<b>180</b>	<b>34</b>	<b>105</b>	<b>21</b>	<b>1,819</b>	<b>837</b>
<b>FEMALES.</b>												
Principal officers ...	13	—	5	—	8	—	8	—	—	—	34	—
Medical staff ...	14	9	—	—	1	—	—	—	—	—	15	9
Nursing staff ...	1,466	33	469	27	228	9	9	—	—	—	2,172	69
Teaching staff ...	—	1	41	1	21	3	—	—	—	—	62	5
Motor drivers ...	—	—	—	—	—	—	—	51	—	—	—	51
Kitchen staff ...	98	2	28	8	29	—	5	—	—	—	160	10
Domestic staff...	652	115	69	19	164	66	25	10	12	3	922	213
Needleroom staff ...	93	3	15	2	24	2	1	—	—	—	133	1
Laundry staff ...	173	3	58	17	38	5	—	—	—	—	269	25
Clerical and telephone staff...	14	15	—	12	2	4	5	5	14	35	35	71
<b>TOTAL ...</b>	<b>2,523</b>	<b>181</b>	<b>685</b>	<b>86</b>	<b>515</b>	<b>89</b>	<b>53</b>	<b>66</b>	<b>26</b>	<b>38</b>	<b>3,802</b>	<b>460</b>
<b>TOTAL MALE AND FEMALE...</b>											<b>5,621</b>	<b>1,297</b>
<b>TOTAL ...</b>											<b>6,918</b>	

TABLE V.

*War refugees.*

	No. received during the year.				No. remaining 31 December, 1916.			
	Men.	Women.	Children.	Totals.	Men.	Women.	Children.	Totals.
Earl's Court Camp	4,847	2,622	3,388	10,857	408	243	372	1,023
Edmonton Refuge	166	233	394	793	117	100	155	372
Millfield House ...	525	2	9	536	—	—	—	—
Hackney Wick Refuge ..	12	22	76	110	—	—	—	—
Surrey House ...	1	3	11	15	—	1	3	4
<b>Totals for 1916</b>	<b>5,551</b>	<b>2,882</b>	<b>3,878</b>	<b>12,311</b>	<b>525</b>	<b>344</b>	<b>530</b>	<b>1,399</b>
„ 1915	32,530	12,744	13,200	58,474	658	439	624	1,721
„ 1914	20,854	14,778	16,137	51,769	Not	reco	ded.	4,323
<b>Grand totals...</b>	<b>58,935</b>	<b>30,404</b>	<b>33,215</b>	<b>122,554</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>



TABLE VI.

*Summary of the main financial statistics of the district.*

**NOTE.**—Unless otherwise stated the following statistics relate to the financial year ended 30 September, 1916.

The Metropolitan Asylum district is coterminous with that of the metropolitan unions and parishes, *i.e.*, the Metropolis, excluding the Inns of Court (Inner and Middle Temples, Gray's Inn and Lincoln's Inn), which during the continuance of certain payments are extra parochial.

The population of the district, as estimated by the Registrar-General at the middle of 1915, and retained for 1916, was 4,310,030.

The rateable value of the district was £45,126,449 on the 6 April, 1916, being a decrease of £120,515 (0·26 per cent.) during the year then ending.

The produce of one penny in the £ on the rateable value of the district at 30 September, 1916, represents £188,026.

The precepts levied by the Managers on the constituent parishes and unions of the district for the year work out at 6½d. in the £, and the average for the past five years was 5½d. in the £.

The total expenditure for the year was £1,308,164 (Loan £35,717, and General £1,272,447), and the average for the past five years £1,252,581 (Loan £41,530, and General £1,211,051).

The expenditure on general account for the year was £1,272,447, as against the year's income of £1,377,396.

The rateable value of the property occupied by the Board is £176,513, and the amount of the rates paid last year was £55,384, of which £28,001 was paid to metropolitan authorities, and £27,383 to provincial authorities.

The borrowing powers are limited to one-fifth of the rateable value of the district.

No loans were raised during the year.

No amount was borrowed during the year. The total amount borrowed to 30 September, 1916, was £5,814,449. The amount repaid in the year was £240,667, making the total amount of loans discharged £4,255,973.

The amount of loans outstanding at 30 September, 1916, was £1,558,476, and works out at £3 10s. 0d. for every £100 of rateable value, and is £0·36 per head of the population of the district as estimated by the Registrar-General at the middle of 1916.

The rates of interest on loans vary from £2 15s. 0d. per cent. to £4 5s. 0d. per cent. and the average rate of interest at 30 September, 1916, was 3½ per cent.

The institutions under the control of the Managers are shown in Table III.

The average daily number of inmates maintained was in—

1912	...	...	...	...	...	...	...	15,191
1913	...	...	...	...	...	...	...	15,406
1914	...	...	...	...	...	...	...	16,619
1915	...	...	...	...	...	...	...	16,295
1916	...	...	...	...	...	...	...	14,514

The number of persons in receipt of superannuation allowances at the end of the year was 340, and the superannuation payments, excluding compensation, amounted to £15,830 for the year.

The percentage deductions from the pay of the staff under the Poor Law and Asylums Officers' Superannuation Acts during the year amounted to £8,022, after allowing for contributions refunded.



Dr.

TABLE VII.—Income and Expenditure Account

Year 1914-1915.	EXPENDITURE.	£	£
£	<b>To Maintenance, &amp;c., of inmates:—</b>		
183,725	Provisions, necessaries, clothing, and funerals ... ..	186,832	
1,849	Clothing for discharged inmates, expenses of boys going to sea and of children to and from Homes, and certification of imbeciles...	1,377	
<b>185,574</b>			<b>188,209</b>
	<b>Salaries, establishment, &amp;c., charges:—</b>		
	<b>Maintenance of officers and servants—</b>	£	
298,852	Salaries and wages (including allowances) ...	282,598	
25,821	Pay of employees with H.M. forces, less army pay and allowances ... ..	25,653	
106,777	Provisions ... ..	109,104	
2,041	Necessaries ... ..	2,038	
8,876	Uniforms and sundries ... ..	8,725	
<b>442,367</b>		<b>428,118</b>	
	<b>Buildings and establishment—</b>		
	<b>WORKS—</b>		
28,206	Wages, £13,353; Contracts and materials, £10,296 ... ..	23,649	
	<b>GARDENING—</b>		
5,082	Wages, £5,112; Plants, seeds, &c., £304 ...	5,416	
	<b>FURNITURE—</b>	£	
20,208	Furniture and other articles ... ..	11,544	
14,963	Bedding and linen ... ..	12,290	
2,732	Earthenware ... ..	2,666	
1,574	Hardware ... ..	1,523	
<b>39,482</b>		<b>28,023</b>	
	<b>HEATING, LIGHTING, AND CLEANSING—</b>		
16,892	Wages of engineering staff ... ..	19,343	
80,855	Coal and coke ... ..	95,496	
37,180	Gas, electric light, water and other supplies ... ..	35,766	
<b>134,933</b>		<b>150,605</b>	
<b>207,704</b>			<b>207,693</b>
<b>70,981</b>	<b>Rates, rent, taxes and insurance ... ..</b>		<b>68,020</b>
<b>11,336</b>	<b>Medicines and medical and surgical appliances</b>		<b>11,747</b>
	<b>Miscellaneous expenses—</b>		
8,853	Printing, stationery, postage and office expenses	7,297	
	Other charges—running expenses of ambulance vehicles and travelling, Managers' and sundry expenses (including Managers' contributions under the National Insurance Act, 1911, £1,703) ...	20,486	
<b>17,315</b>			<b>27,783</b>
<b>26,168</b>	<b>Sundry general expenses—</b>		
228,542	Repayment of loans ... ..	240,666	
64,093	Interest on loans ... ..	58,556	
21,769	Law expenses, pensions, notification fees, &c. ...	19,514	
<b>314,404</b>			<b>318,736</b>
<b>1,072,954</b>			<b>1,062,097</b>
	<b>Deduct—</b>		
10,015	Balances on industrial, &c., accounts ... ..	7,976	
7,537	Services of nurses engaged in ambulance work and fees for hire of ambulances ...	7,074	
<b>17,552</b>			<b>15,050</b>
<b>1,055,402</b>			<b>1,047,047</b>
	<b>Expenditure of a special character—</b>		
50,918	Buildings—contract and non-contract ... ..	27,855	
42,923	Furniture, &c. ... ..	9,336	
<b>93,841</b>			<b>37,191</b>
<b>1,149,243</b>			<b>1,084,238</b>
<b>1,334,817</b>	<b>Net total expenditure ... ..</b>		<b>1,272,447</b>
<b>76,330</b>	<b>Balance carried down, being income in excess of expenditure for year</b>		<b>104,949</b>
<b>£1,411,147</b>			<b>£1,377,396</b>

To **Balance** on current account on 30 September, 1916, carried to balance sheet (Table VIII.) ... £265,325

**£265,325**



for year ended 30 September, 1916.

Cr.

INCOME.		Year 1914-1915.
	£	£
<b>By contributions</b> from parishes and unions in the district :—		
In respect of direct charges and common charges (on rateable value) ... ..	1,284,711	1,318,297
<b>Amounts from</b> extra metropolitan and other authorities—		
For maintenance of patients in hospitals and schools ...	21,126	21,798
„ boys on Exmouth ... ..	8,290	7,504
„ patients in sanatoria ... ..	39,446	40,956
	68,862	70,258
<b>Interest</b> on balances in hands of bankers, &c ... ..	8,624	5,124
<b>Sundry receipts</b> :—		
Rents of buildings and land (net) ... ..	5,215	5,938
Sale of ambulance vehicles and sundry receipts ... ..	175	383
Value of furniture and other stocks brought into account during year ... ..	1,787	2,639
Superannuation contributions ... ..	8,022	8,508
	15,199	17,468
<b>Total income</b> ... ..	1,377,396	1,411,147
<b>Balance</b> carried down, being expenditure in excess of income for year ... ..		

## HEADS OF EXPENDITURE.

1914-1915.			1915-1916.	
Amount.	Rate in the £		Amount.	Rate in the £
£	d.		£	d.
239,878	1·28	Imbeciles and feeble-minded ...	257,582	1·37
		Infectious sick—		
514,687	2·73	{ Fever ... .. }	422,313	2·25
		{ Smallpox ... .. }		
36,664	0·19	Ambulance service—		
9,332	0·05	Land ... ..	34,931	0·18
20,190	0·11	River (including wharves) ...	7,417	0·04
100,326	0·53	Boys on training ship ... ..	23,203	0·12
18,609	0·10	Children of various classes ...	115,748	0·61
		Casual poor ... ..	17,201	0·09
		General expenses (including repayment of and interest on loans, printing, &c., and head office salaries and expenses) ... ..	369,852	1·97
363,910	1·93	The Downs and St. George's Home		
30,621	0·16	Sanatoria ... ..	24,200	0·13
<b>£1,334,817</b>	<b>7·08</b>		<b>£1,272,447</b>	<b>6·76</b>
		Less—		
92,850	0·49	Income other than from rates ...	92,685	0·49
<b>£1,241,967</b>	<b>6·59</b>	<b>Net Expenditure</b> ... ..	<b>£1,179,762</b>	<b>6·27</b>

£1,377,396

£1,411,147

**By Balance** brought down, being income in excess of expenditure for year ... .. £104,949

**By Balance** on current account on 1 October, 1915, brought forward ... .. 160,376

£265,325



## LIABILITIES.

## LOAN ACCOUNT.

## Loans.

	£	£
Loans outstanding 30 September, 1915 .. .. .	1,799,143	
Less instalments of loans repaid during year .. .. .	240,667	
Loans outstanding 30 September, 1916 .. .. .		1,558,476
London County Council .. .. .	£1,453,963	
Public Works Loan Commissioners .. .. .	73,546	
Other mortgagees .. .. .	30,967	
	<u>£1,558,476</u>	
<b>Balance.</b>		
Instalments repaid .. .. .	4,255,973	
Expenditure paid out of current account, and sundry receipts .. .. .	453,098	
	<u>4,709,071</u>	
<b>Total on Loan Account.. .. .</b>		<b>£6,267,547</b>

## GENERAL ACCOUNT.

## Suspense Adjustment Account.

	£
Amounts due from other authorities for maintenance and treatment of inmates, to be credited to parishes and unions when received .. .. .	8,834

## Sundry Creditors.

Tradesmen's accounts and other amounts owing .. .. .	98,384
--	--------

## Legacies.

	£
Captain Brown's legacy to the Training Ship (£119), less legal expenses .. .. .	119
William Thomas Ferguson's legacy to the Homerton Smallpox Hospital (£100), and accumulated income (£68) with unapplied interest (£2) .. .. .	170
George Dryden's legacy to the Stockwell Smallpox Hospital, and interest (£8) unapplied, less books purchased for hospital ships .. .. .	122
George Cook's legacy to Darenth Asylum (£100), and interest (£5) unapplied, less legal expenses .. .. .	78
Mrs. M. E. Bates' legacy to the Eastern Hospital (£100), and interest (£2) unapplied, less books purchased .. .. .	95
Mrs. E. R. Johnson's legacies (£7,000) and accumulated income (£264), with unapplied interest (£620) .. .. .	7,884
Mrs. A. Charlton's legacy (£200) and accumulated income (£2), with unapplied interest (£17) .. .. .	219
	<u>8,687</u>

## Students' Fees for Clinical Instruction.

	Total at 30 Sept., 1915.	In Year to 30 Sept., 1916.	Total at 30 Sept., 1916.
Amounts received from students .. .. .	£25,743	£1,027	£26,770
Less amounts paid to medical superintendents for clinical instruction .. .. .	16,003	691	16,694
	<u>£9,740</u>	<u>336</u>	<u>10,076</u>

## Less

Amount transferred in reduction of outlay as estimated cost of provision of buildings for instruction (Park Hospital, £1,750, and Grove Hospital, £750) .. .. .	£2,500
Amount applied towards cost of erection of bacteriological laboratories .. .. .	5,000
Amount of out-of-pocket expenses on reproduction of work, "The Diagnosis of Smallpox" .. .. .	143

7,643

2,433

## Balance on Current Account.

Balance in favour of parishes and unions in the district .. .. .	265,325
<b>Total on General Account .. .. .</b>	<b>383,663</b>
<b>Grand Total .. .. .</b>	<b>£6,651,210</b>

\* In addition to these figures, large amounts of expenditure of a capital nature



at 30 September, 1916.

## PROPERTY ASSETS AND CAPITAL OUTLAY.

## LOAN ACCOUNT.

## Capital Outlay.

Land, buildings, fittings, and furniture (original cost)	..	..	..	..	..	£
						* 6,267,547

Total on Loan Account .. £6,267,547

## GENERAL ACCOUNT.

## Stock.

Goods at central stores and at the various institutions, including unused railway tickets and postage stamps	..	..	..	..	..	..	£
							198,855

## Sundry Debtors.

Other authorities and sundry debtors	..	..	..	..	..	..	37,138
--------------------------------------	----	----	----	----	----	----	--------

## Legacies (Investment Accounts) at cost.

Brown's legacy—£104 14s., 3½ per cent. stock, London County Council (Metropolitan Board of Works)	..	..	..	..	..	£
						115
Ferguson's legacy—£173 17s. 2d., consols	..	..	..	..	..	168
Dryden's legacy—£124 3s., consols	..	..	..	..	..	114
Cook's legacy—£75 18s. 4d., consols	..	..	..	..	..	73
Bates' legacy—£100, 3 per cent. stock, London County Council	..	..	..	..	..	94
Charlton's legacy—£277 18s., 2½ per cent. stock, Corporation of London						202
Johnson's legacy—£9,984 3s. 9d., 2½ per cent. stock, Corporation of London						7,264
						8,030

## Cash.

London County and Westminster Banking Company, Limited—	£	£
Balances in their hands	..	177,284
Less unrepresented cheques	..	43,333
		133,951
Cheques drawn in advance for payments for ensuing year	1,836	
		135,787
Accounting officers—balances in their hands	..	3,853
		139,640

Total on General Account .. 383,663

Grand Total .. £6,651,210

exceeding £500,000 have from time to time been defrayed out of the current rates.

(Signed) MORRIS HEYES, A.C.A.,  
Treasurer and Accountant to the Board.



TABLE IX.—Cases of infectious diseases notified, and deaths therefrom, in London in 1916.

[illegible]

**NOTE.**—Whooping cough was a notifiable disease in Holborn, Lambeth and Greenwich during the year, and 21, 1,599 and 240 cases respectively were notified.  
Measles " " Paddington up to the 22nd January, and 25 cases were notified up to that date.  
Zymotic enteritis " " Poplar and Greenwich during June, July, August and September. 1,343 cases were notified.  
Wrobbish during the year. 80 cases were notified.



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TABLE X.—Admissions, discharges, and deaths at fever hospitals during 1916.

EASTERN HOSPITAL.									
DISEASES.	Re- main- ing on 31 Dec., 1915.	Adm'd during 1916.		Total under treatment during 1916.	Disch. during 1916.		Died during 1916.	Mort. per cent.	Re- main- ing on 31 Dec., 1916.
		Direct from homes.	From other hosps.		Re- cov'd.	To other Board hosps.			
Scarlet fever ..	148	902	..	1,050	287	661	21	2.24	81
Diphtheria ..	118	768	..	886	532	185	46	6.00	122
Diph. (bacteriol. only)	10	80	..	90	68	15	5	5.95	2
Enteric ..	8	55	..	63	50	..	4	7.34	9
Puerperal ..	1	7	..	8	4	..	1	16.66	3
Measles ..	..	171	..	171	112	..	18	11.96	41
Whooping cough ..	3	6	..	9	9	..	..	64.51	..
Cerebro-spinal fever	..	17	..	17	4	..	10	64.51	3
Poliomyelitis ..	..	1	..	1	..	..	1	100.00	..
	288	2,007	..	2,295	1,066	861	106	6.67	262
Other diseases ..	25	354	..	379	331	2	17	4.83	20
Totals ..	313	2,361	..	2,674	1,397	863	123	..	291
NORTH-EASTERN HOSPITAL.									
Scarlet fever ..	320	983	..	1,303	547	671	25	2.24	60
Diphtheria ..	202	1,016	..	1,218	725	234	70	6.84	189
Diph. (bacteriol. only)	9	52	..	61	42	13	..	..	6
Enteric ..	1	3	..	4	3	..	1	28.55	..
Puerperal ..	..	1	..	1	1	..	..	..	..
Measles ..	7	337	..	344	233	4	33	10.87	74
Whooping cough ..	1	84	..	85	44	20	9	11.46	12
Cerebro-spinal fever	1	9	..	10	8	..	1	11.11	1
Poliomyelitis ..	..	3	..	3	3	..	..	..	..
	541	2,488	..	3,029	1,606	942	139	5.37	342
Other diseases ..	32	446	..	478	430	..	10	2.25	38
Totals ..	573	2,934	..	3,507	2,036	942	149	..	380
NORTH-WESTERN HOSPITAL.									
Scarlet fever ..	173	1,035	3	1,211	310	831	19	1.72	51
Diphtheria ..	*125	1,025	..	1,150	379	591	78	7.52	102
Diph. (bacteriol. only)	*9	177	1	187	135	35	3	1.71	14
Enteric ..	5	42	..	47	32	..	7	17.28	8
Puerperal ..	2	7	..	9	7	..	1	13.33	1
Measles ..	1	128	..	129	97	1	7	6.00	24
Whooping cough ..	..	96	1	97	81	6	5	5.29	5
Cerebro-spinal fever	1	15	..	16	6	..	7	50.00	3
Poliomyelitis ..	1	3	..	4	4	..	..	..	..
	317	2,528	5	2,850	1,051	1,464	127	4.90	208
Other diseases ..	27	503	..	530	446	..	24	4.92	60
Totals ..	344	3,031	5	3,380	1,497	1,464	151	..	268
WESTERN HOSPITAL.									
Scarlet fever ..	202	1,036	22	1,260	390	735	15	1.36	120
Diphtheria ..	140	992	18	1,150	446	472	77	7.68	155
Diph. (bacteriol. only)	1	34	..	35	30	5	..	..	..
Enteric ..	7	33	1	41	30	..	6	17.14	5
Puerperal ..	1	18	2	21	16	..	2	10.52	3
Measles ..	10	150	..	160	136	..	14	9.33	10
Whooping cough ..	..	134	..	134	98	7	13	10.31	16
Cerebro-spinal fever	1	21	1	23	14	..	7	32.55	2
Poliomyelitis ..	..	2	..	2	2	..	..	..	..
	362	2,420	44	2,826	1,162	1,219	134	5.38	311
Other diseases ..	18	331	..	349	368	..	15	4.58	26
Totals ..	380	2,751	44	3,175	1,470	1,219	149	..	337
SOUTH-WESTERN HOSPITAL.									
Scarlet fever ..	*149	632	14	795	517	185	13	1.91	80
Diphtheria ..	88	593	..	681	500	13	58	9.97	110
Diph. (bacteriol. only)	..	31	..	31	31	..	..	..	..
Enteric ..	8	36	1	45	33	..	8	20.51	4
Puerperal ..	4	10	..	14	11	..	2	17.39	1
Measles ..	12	164	1	177	151	..	10	6.13	16
Whooping cough ..	1	62	..	63	46	6	11	17.60	..
Cerebro-spinal fever	..	21	..	21	9	..	9	46.15	3
Poliomyelitis ..	..	..	..	..	..	..	..	..	..
	262	1,549	16	1,827	1,298	204	111	6.98	214
Other diseases ..	*22	349	..	371	343	..	15	4.24	13
Totals ..	284	1,898	16	2,198	1,641	204	126	..	227



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TABLE X. (continued).—Admissions, discharges, and deaths at fever hospitals during 1916.

GROVE HOSPITAL.									
DISEASES.	Re- maining on 31 Dec., 1915.	Adm'd during 1916.		Total under treatment during 1916.	Disch. during 1916.		Died during 1916.	Mort. per cent.	Re- maining on 31 Dec., 1916.
		Direct from homes.	From other Board hosps.		Re- cov'd.	To other Board hosps.			
Scarlet fever.. ..	210	687	..	897	378	510	9	1·13	..
Diphtheria .. ..	157	484	..	641	330	257	54	9·60	..
Diph. (bacteriol. only)	4	51	..	55	54	1	..	..	..
Enteric .. ..	2	15	..	17	14	2	1	6·25	..
Puerperal .. ..	..	6	..	6	1	2	3	50·00	..
Measles .. ..	1	124	..	125	112	4	9	7·22	..
Whooping cough ..	6	101	..	107	88	12	7	6·73	..
Cerebro-spinal fever	1	7	..	8	4	1	3	40·00	..
Poliomyelitis ..	1	..	..	1	1	..	..	..	..
Other diseases ..	382	1,475	..	1,857	982	789	86	5·16	..
Totals .. ..	14	283	..	297	291	..	6	2·07	..
	396	1,758	..	2,154	1,273	789	92	..	..
SOUTH-EASTERN HOSPITAL.									
Scarlet fever.. ..	*191	1,366	7	1,564	595	830	29	2·05	110
Diphtheria .. ..	*179	1,270	..	1,449	1,048	116	70	5·59	215
Diph. (bacteriol. only)	1	39	..	40	36	1	..	..	3
Enteric .. ..	5	15	..	20	17	1	..	..	2
Puerperal .. ..	1	10	..	11	7	..	4	38·09	..
Measles .. ..	1	33	3	37	20	..	4	13·33	13
Whooping cough ..	4	149	11	164	97	37	12	7·84	18
Typhus .. ..	..	1	..	1	..	..	..	..	1
Cerebro-spinal fever	..	8	..	8	5	..	2	26·66	1
Poliomyelitis ..	..	..	..	..	..	..	..	..	..
Other diseases ..	382	2,891	21	3,294	1,825	985	121	4·14	363
Totals .. ..	*11	296	..	307	277	..	11	3·76	19
	393	3,187	21	3,601	2,102	985	132	..	382
PARK HOSPITAL.									
Scarlet fever.. ..	*213	726	..	939	394	451	9	1·14	85
Diphtheria .. ..	*166	1,042	..	1,208	687	221	64	6·36	236
Diph. (bacteriol. only)	*8	30	..	38	33	2	..	..	3
Enteric .. ..	..	..	..	..	..	..	..	..	..
Puerperal .. ..	..	..	..	..	..	..	..	..	..
Measles .. ..	1	47	..	48	25	2	2	5·26	19
Whooping cough ..	5	102	..	107	93	..	14	13·4	..
Cerebro-spinal fever	..	2	..	2	1	..	1	50·0	..
Other diseases ..	393	1,949	..	2,342	1,233	676	90	4·56	343
Totals .. ..	*20	210	..	230	201	5	5	2·38	19
	413	2,159	..	2,572	1,434	681	95	..	362
JOYCE GREEN HOSPITAL.									
Scarlet fever.. ..	201	278	824	1,303	1,249	2	9	0·76	43
Diphtheria .. ..	35	11	878	924	836	3	..	..	85
Diph. (bacteriol. only)	4	..	36	40	21	1	..	..	18
Enteric .. ..	..	3	..	3	3	..	..	..	..
Measles .. ..	..	17	3	20	19	..	..	..	1
Whooping cough ..	..	..	36	36	35	1	..	..	..
Other diseases ..	240	309	1,777	2,326	2,163	7	9	0·42	147
Totals .. ..	8	301	1	310	241	..	1	0·36	68
	248	610	1,778	2,636	2,404	7	10	..	215
NORTHERN HOSPITAL.									
Scarlet fever.. ..	252	1	2,288	2,541	2,402	3	2	0·04	134
Diphtheria .. ..	42	..	662	704	636	1	..	..	67
Diph. (bacteriol. only)	..	..	26	26	26	..	..	..	..
Measles .. ..	..	..	3	3	3	..	..	..	..
Whooping cough ..	..	..	41	41	40	1	..	..	..
Other diseases ..	294	1	3,020	3,315	3,107	5	2	0·06	201
Totals .. ..	..	..	2	2	2	..	..	..	..
	294	1	3,022	3,317	3,109	5	2	..	201



TABLE X. (continued).—Admissions, discharges, and deaths at fever hospitals during 1916.

SOUTHERN HOSPITAL.									
DISEASES.	Re- main- ing on 31 Dec., 1915.	Adm'd during 1916.		Total under treatment during 1916.	Disch. during 1916.		Died during 1916.	Mort. per cent.	Re- main- ing on 31 Dec., 1916.
		Direct from homes.	From other Board hosps.		Re- cov'd.	To other Board hosps.			
Scarlet fever .. ..	361	..	1,722	2,083	1,919	1	1	0.03	162
Diphtheria .. ..	26	..	535	561	530	..	..	..	31
Diph. (bacteriol. only)	..	..	10	10	8	..	..	..	2
Enteric .. ..	..	..	1	1	1	..	..	..	..
Measles .. ..	..	..	1	1	1	..	..	..	..
Whooping cough ..	..	..	1	1	1	..	..	..	..
Other diseases .. ..	387	..	2,270	2,657	2,460	1	1	0.04	195
Totals .. ..	387	2	2,274	2,663	2,465	1	1	0.04	196
SUMMARY.									
Scarlet fever .. ..	*2,420	7,646	..	10,066	8,988	..	152	1.81	926
Diphtheria .. ..	*1,278	7,201	..	8,479	6,649	..	517	7.19	1,313
Diph. (bacteriol. only)	*46	494	..	540	484	..	8	1.62	48
Enteric .. ..	36	202	..	238	183	..	27	13.11	28
Puerperal .. ..	9	59	..	68	47	..	13	21.85	8
Measles .. ..	33	1,171	..	1,204	909	..	97	8.91	198
Whooping cough ..	20	734	..	754	632	..	71	9.88	51
Typhus .. ..	..	1	..	1	..	..	..	..	1
Cerebro-spinal fever	4	100	..	104	51	..	40	41.89	13
Poliomyelitis .. ..	2	9	..	11	10	..	1	10.0	..
Totals .. ..	3,848	17,617	..	21,465	17,953	..	926	5.07	2,586
Other diseases .. ..	*177	3,075	..	3,252	2,875	..	104	3.43	273
Grand totals .. ..	4,025	20,692	..	24,717	20,828	..	1,030	..	2,859

NOTES.—The mortalities returned as above include all deaths occurring from intercurrent diseases.

The mortality rates are calculated according to the Registrar-General's formula—i.e., by dividing the deaths, multiplied by 100, by half the sum of the admissions, discharges, and deaths for the year.

\* These figures differ from those given in the Board's report for 1915, pp. 41-43, owing to the subsequent correction of errors of diagnosis.



TABLE XI.—Summary of monthly admissions, transfers, discharges, and deaths at fever hospitals during 1916.

ADMISSIONS.																							
MONTH.	Scarlet.		Diphtheria.		Diphtheria bacterio-logical.		Enteric.		Puerperal.		Measles.		Whooping cough.		Typhus.	Cerebro-spinal fever.		Polymyellitis.		Other diseases.		Totals.	
	Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.		Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.	Direct.	Transfers.
January ..	1,012	588	704	175	51	2	22	1	4	..	38	..	132	..	..	9	..	1	..	275	1	2,248	767
February ..	787	509	690	212	42	7	23	..	5	..	60	2	90	35	..	4	..	..	..	234	..	1,935	765
March ..	818	424	561	202	51	4	15	..	3	..	120	..	98	22	..	17	..	1	..	280	1	1,964	655
April ..	699	386	486	142	50	3	19	..	5	..	89	1	75	5	..	19	..	..	..	360	..	1,802	537
May ..	587	419	537	131	37	4	9	..	13	..	139	..	107	15	..	12	..	1	..	411	..	1,853	569
June ..	601	428	547	175	41	6	15	..	4	..	129	2	75	1	..	5	..	..	..	216	2	1,633	614
July ..	628	383	571	141	24	4	16	..	2	..	134	..	58	..	..	4	..	1	..	198	2	1,636	530
August ..	487	309	519	154	35	5	14	..	1	..	97	..	29	..	..	5	..	1	..	154	..	1,342	468
September ..	538	311	614	116	31	2	19	..	6	..	38	1	12	..	..	5	..	3	..	202	..	1,468	430
October ..	621	419	778	266	58	9	18	2	6	2	33	3	14	12	..	5	1	..	..	211	..	1,745	714
November..	499	425	650	222	55	16	19	..	3	..	112	2	21	..	..	9	..	..	..	238	..	1,606	665
December ..	369	279	544	157	19	11	13	..	7	..	182	..	23	..	1	6	..	..	..	296	1	1,460	448
Totals	7,646	4,880	7,201	2,093	494	73	202	3	59	2	1,171	11	734	90	1	100	1	9	..	3,075	7	20,692	7,160

DISCHARGES.																							
MONTH.	Scarlet.		Diphtheria.		Diphtheria bacterio-logical.		Enteric.		Puerperal.		Measles.		Whooping cough.		Typhus.	Cerebro-spinal fever.		Polymyellitis.		Other diseases.		Totals.	
	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.		Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.	Recovered.	To other hospitals of the Board.
January ..	1,229	588	617	175	44	2	20	1	8	..	34	..	6	..	..	3	..	2	..	231	1	2,194	767
February ..	977	509	570	212	45	7	16	..	3	..	25	2	12	35	..	2	..	..	..	221	..	1,871	765
March ..	1,047	424	654	202	41	4	25	..	5	..	75	..	51	22	..	3	..	1	..	236	1	2,138	653
April ..	804	386	529	142	52	3	23	..	2	..	61	1	71	5	..	6	..	1	..	307	..	1,856	537
May ..	863	419	598	131	53	4	13	..	3	..	91	..	110	15	..	6	..	1	..	418	..	2,156	569
June ..	675	428	446	175	33	6	7	..	8	..	97	2	92	1	..	13	..	..	..	285	2	1,656	614
July ..	630	383	519	141	25	4	11	..	3	..	122	..	82	..	..	2	..	..	..	214	2	1,608	530
August ..	671	309	535	154	30	5	17	..	3	..	106	..	66	..	..	3	..	..	..	172	..	1,603	468
September ..	542	311	559	116	39	2	15	..	..	..	108	1	69	..	..	4	..	1	..	173	..	1,510	430
October ..	485	419	494	266	30	9	11	2	3	2	61	3	38	12	..	3	1	2	..	192	..	1,319	714
November..	536	425	600	222	40	16	11	..	6	..	44	2	22	..	..	3	..	1	..	199	..	1,462	665
December ..	529	279	528	157	52	11	14	..	3	..	85	..	13	..	..	3	..	1	..	227	1	1,455	448
Totals	8,988	4,880	6,649	2,093	484	7	183	3	47	2	909	11	632	90	..	51	1	10	..	2,875	7	20,828	7,160



TABLE XI. (continued).—Summary of monthly admissions, transfers, discharges, and deaths at fever hospitals during 1916.

DEATHS.										
MONTH.	Scarlet.	Diphtheria.	Diphtheria bacteriological.	Enteric.	Puerperal.	Measles.	Whooping cough.	Typhus.	Cerebro-spinal fever.	Totals.
January	24	65	1	3	1	3	3	..	1	110
February	19	64	1	..	..	2	10	..	3	113
March	17	49	1	1	1	9	10	..	6	103
April	24	48	1	1	1	9	16	..	9	123
May	13	30	1	4	1	13	12	..	6	94
June	8	24	..	..	3	8	7	..	3	59
July	14	49	1	1	3	13	8	..	3	98
August	5	31	..	2	1	7	1	..	3	54
September	5	23	..	2	..	6	2	..	..	46
October	10	45	2	6	..	3	..	..	1	72
November	6	43	..	5	1	7	1	..	2	71
December	7	46	..	2	1	17	1	..	3	87
Totals	152	517	8	27	13	97	71	..	40	1,030

  

MORTALITIES PER CENT.										
MONTH.	Scarlet.	Diphtheria.	Diphtheria bacteriological.	Enteric.	Puerperal.	Measles.	Whooping cough.	Typhus.	Cerebro-spinal fever.	Totals.
January	2.12	9.37	2.08	1.33	15.30	8.00	4.25	..	15.30	4.83
February	2.13	9.66	2.27	..	..	4.59	17.85	..	66.66	5.76
March	1.80	7.75	2.14	4.87	22.22	8.82	12.57	..	46.15	4.89
April	3.14	9.03	1.94	4.65	25.00	5.66	19.75	..	52.94	6.50
May	1.77	5.15	2.19	3.07	11.76	10.69	10.48	..	50.00	4.58
June	1.24	4.71	..	..	40.00	6.83	8.04	..	28.57	3.52
July	2.20	8.60	.04	7.15	75.00	9.66	10.81	..	66.66	5.86
August	.85	5.71	..	12.12	20.00	6.66	2.08	..	46.15	3.60
September	.92	3.84	..	11.11	..	7.89	4.81	..	..	3.04
October	1.41	6.83	4.44	34.28	..	6.18	..	..	22.22	4.59
November	1.15	6.65	..	28.57	20.00	8.58	4.54	..	28.57	4.52
December	1.54	8.22	..	13.79	18.18	11.97	2.70	..	50.00	5.79
Totals	1.81	7.19	1.63	13.11	21.85	8.91	9.89	..	41.89	4.84



TABLE XII.—Summary of admissions and deaths of fever patients during 1916 grouped in parishes and unions.

PARISHES AND UNIONS.	ADMISSIONS.							DEATHS.																
	Scarlet.	Diphtheria.	Diphtheria bacteriolog.	Enteric.	Puerperal.	Measles.	Whooping cough.	Typhus.	Cerebro-spinal fever.	Polio-myelitis.	Other diseases.	Total admissions.	Scarlet.	Diphtheria.	Diphtheria bacteriolog.	Enteric.	Puerperal.	Measles.	Whooping cough.	Typhus.	Cerebro-spinal fever.	Polio-myelitis.	Other diseases.	Total deaths.
Kensington ..	157	104	6	6	2	3	1	..	6	..	30	315	2	9	..	1	..	..	..	..	1	..	..	13
Hammersmith ..	183	192	4	3	1	11	7	..	2	..	37	440	3	11	..	1	..	..	..	..	1	..	3	20
Fulham ..	254	262	5	2	13	12	16	..	4	1	52	621	4	18	..	..	2	..	1	..	2	..	2	29
Paddington ..	239	168	18	8	..	8	37	..	4	1	49	532	4	10	..	..	..	..	4	..	3	..	1	22
Chelsea ..	93	97	21	..	..	23	57	..	1	..	30	322	..	17	..	..	..	1	8	..	1	..	3	30
Westminster ..	144	160	20	7	1	26	29	..	6	..	175	568	1	9	..	3	..	2	..	..	..	..	5	20
St. Marylebone ..	102	119	15	6	1	43	36	..	1	1	54	378	1	5	..	1	..	4	3	..	..	..	3	17
St. Pancras ..	364	287	47	17	5	54	2	2	8	..	146	930	9	18	2	3	1	5	..	..	1	..	9	48
Hampstead ..	100	58	13	3	..	3	3	..	3	..	20	203	..	3	..	..	..	2	..	..	3	..	..	8
Islington ..	508	424	42	10	2	70	49	..	8	2	200	1,315	17	34	..	1	..	1	2	..	1	..	12	68
Hackney ..	378	352	36	17	2	116	58	..	8	2	145	1,114	9	21	2	2	..	12	2	..	5	..	6	58
Tottenham ..	273	277	7	5	..	..	1	..	..	..	62	625	4	23	..	2	..	13	3	..	..	..	..	29
Holborn ..	221	204	40	7	1	68	20	..	4	1	137	703	9	21	1	1	..	..	..	..	1	1	1	51
London, City of ..	39	22	3	2	..	1	..	..	..	..	10	77	..	2	..	1	..	..	..	..	1	..	1	5
Shoreditch ..	248	226	12	12	..	46	6	..	4	..	98	652	7	16	1	2	..	6	1	..	3	..	4	40
Bethnal Green ..	335	296	12	4	4	194	74	..	1	..	145	1,065	8	18	..	..	1	10	9	..	..	..	7	53
Whitechapel ..	171	220	31	2	..	27	14	..	..	..	98	563	2	9	1	..	..	2	..	..	..	..	5	19
St. George's East ..	143	98	3	2	..	19	8	1	..	..	44	318	3	1	..	..	..	3	1	..	..	..	1	9
Stepney ..	129	152	12	3	1	3	21	..	..	..	28	349	6	10	..	..	..	..	3	..	..	..	..	19
Mile End Old Town ..	218	230	14	3	..	32	23	..	1	..	87	608	4	9	..	..	..	2	2	..	..	..	2	19
Poplar ..	249	252	9	9	..	8	40	..	3	..	62	632	6	18	1	1	..	1	6	..	..	..	4	37
Southwark ..	239	376	10	7	4	28	19	..	4	..	105	792	4	33	..	1	1	3	4	..	1	..	6	53
Bermondsey ..	227	218	8	3	1	10	13	..	1	..	48	529	4	19	..	1	..	1	1	..	..	..	3	29
Lambeth ..	426	402	9	6	5	122	99	..	7	..	239	1,315	8	41	..	..	1	4	9	..	4	..	6	73
Wandsworth ..	848	651	48	23	9	25	38	..	15	1	339	1,997	9	66	..	2	3	7	4	..	10	..	9	110
Camberwell ..	403	367	7	4	2	24	16	..	2	..	79	904	9	21	..	..	2	2	2	..	..	..	2	38
Greenwich ..	405	501	25	8	1	33	7	..	2	..	70	1,052	8	26	..	3	2	4	1	..	..	..	2	44
Woolwich ..	195	200	8	5	1	29	2	..	3	..	52	495	5	9	..	1	1	..	3	..	1	..	3	20
Lewisham ..	296	247	6	6	3	10	8	..	2	..	150	728	2	19	..	..	..	11	2	..	..	..	1	27
Local Government Board ..	20	17	..	1	..	105	26	..	..	..	50	219	3	1	..	..	..	..	2	..	..	..	..	18
London County Council ..	1	..	..	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
War Office ..	8	8	2	5	..	10	1	..	..	..	50	84	..	..	..	..	..	..	..	..	..	..	..	..
Beyond metropolitan area ..	30	14	1	6	..	7	3	..	..	..	184	245	1	..	..	1	1	..	..	..	..	..	1	4
TOTALS ..	7,646	7,201	494	292	59	1,171	734	1,100	9	3,075	20,692	152	517	8	27	13	97	71	40	1	104	1,030		



TABLE XIII.

*Mortality from infectious disease.*

	1912.	1913.	1914.	1915.	1916.
Scarlet fever	1.6	1.3	1.4	2.03	1.81
*Diphtheria ...	6.2	6.2	7.9	7.9	6.8
Enteric ...	17.8	16.2	17.1	16.73	13.11
Cerebro-spinal	—	60.0	16.7	44.66	41.89
Measles ...	10.5	11.3	9.3	10.30	8.91
Whooping cough	8.5	12.8	10.8	10.98	9.88

\* includes bacteriological cases. See Table I.

TABLE XIV.

*Condition as to vaccination of patients admitted as suffering from smallpox during the year.*

	Admissions.	Deaths.	Mortality per cent.
A. Vaccinated class :—			
A 1. Half and upwards of half square inch total area of cicatrices ...	*1	—	—
A 2. One-third, but less than half ditto ...	—	—	—
A 3. Less than one-third ditto ...	—	—	—
A 4. Area not recorded ...	—	—	—
Total of vaccinated class ...	1	—	—
B. Doubtful class ...	—	—	—
C. Unvaccinated class ...	—	—	—
Totals ...	1	—	—

\* The smallpox case admitted in May was a female, aged 28, from Fulham, vaccinated in infancy (4 scars, total area 0.562, half of total area foveated). Discharged recovered.



TABLE XV.—Admissions (classified), discharges and deaths at sanatoria during 1916.

## THE DOWNS SANATORIUM.

Admissions.	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not ascertained.	Tubercular other than pulmonary.	Admissions.	Discharges.	Deaths.
<i>Age groups.</i>																		
From 16 to 20 years	4	32	9	...	2	39	21	1	...	5	13	1	2	3	2	134	150	5
" 20 " 25 "	12	53	8	...	4	67	26	...	...	7	8	...	2	8	1	196	222	9
" 25 " 30 "	2	41	6	...	4	75	27	...	1	28	19	...	4	2	...	209	200	13
" 30 " 35 "	4	41	4	...	3	62	22	...	1	29	17	...	4	3	1	191	189	17
" 35 " 40 "	5	33	2	...	1	56	12	...	2	34	23	1	6	3	...	178	165	14
" 40 " 45 "	2	14	1	...	2	29	7	...	5	26	15	...	2	1	...	104	107	8
" 45 " 50 "	...	16	1	...	2	14	6	...	3	19	5	...	5	1	...	72	79	3
" Over 50 "	...	6	...	...	...	14	2	...	...	22	5	...	1	1	...	51	45	5
Totals ...	29	236	31	...	18	356	123	1	12	170	105	2	26	22	4	1,135	1,157	74

## NORTHERN HOSPITAL.

<i>Age groups.</i>	Under 16	From 16 to 20 years	" 20 " 25 "	" 25 " 30 "	" 30 " 35 "	" 35 " 40 "	" 40 " 45 "	" 45 " 50 "	Over 50 "	Totals
Under 16	11	1	...	...	...	...	...	...	...	168
From 16 to 20 years	43	11	6	1	10	2	10	17	12	109
" 20 " 25 "	47	11	9	...	20	11	22	10	11	109
" 25 " 30 "	27	4	7	1	22	10	15	13	25	109
" 30 " 35 "	27	2	5	...	14	7	9	15	25	109
" 35 " 40 "	6	1	1	...	8	7	3	9	25	109
" 40 " 45 "	5	1	7	...	7	5	9	9	25	109
" 45 " 50 "	2	2	2	...	8	5	2	2	25	109
" Over 50 "	...	1	...	1	3	...	2	2	...	109
Totals ...	168	34	37	3	109	59	78	120	83	761



TABLE XVI.—Discharges from sanatoria during 1916, classified as to condition.  
THE DOWNS SANATORIUM.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not ascertained.	Tubercular other than pulmonary.	Discharges.
Much improved ...	...	57	7	...	...	42	17	...	...	13	...	...	...	...	2	138
Improved ...	...	24	136	14	10	261	67	...	7	114	...	...	...	...	1	648
In statu quo ...	...	10	52	10	8	64	41	...	2	49	33	...	...	...	1	270
Worse ...	...	...	1	3	...	3	13	...	...	6	22	...	...	...	...	48
Diagnosis not confirmed	...	...	...	...	...	...	...	...	...	...	...	...	33	...	...	33
Diagnosis not ascertained	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	20
Total discharges ...	34	246	34	...	18	370	138	...	9	182	69	...	33	20	4	1,157

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	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not ascertained.	Tubercular other than pulmonary.	Discharges.
Much improved ...	...	138	10	7	2	66	15	5	44	11	3	...	19	2	6	328
Improved ...	...	36	10	18	1	40	20	17	48	30	17	...	13	...	2	252
In statu quo ...	...	10	1	9	...	7	8	11	33	19	22	...	3	2	3	128
Worse ...	...	2	...	2	...	1	3	18	5	3	19	...	...	...	...	53
Diagnosis not confirmed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diagnosis not ascertained	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total discharges ...	186	21	36	3	114	46	51	...	130	63	61	...	35	4	11	761

TABLE XVII.—Deaths at sanatoria during 1916, and numbers remaining 31 December, 1916.  
THE DOWNS SANATORIUM.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Deaths.
Deaths ...	...	...	...	...	...	...	...	...	...	...	...	...	74
Remaining 31 Dec., 1916	1	28	5	...	4	70	16	1	2	20	16	...	166 Remaining.

## NORTHERN HOSPITAL.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Deaths.
Deaths ...	...	...	...	...	...	...	...	...	...	...	...	...	68
Remaining 31 Dec., 1916	23	12	8	...	23	20	17	...	15	28	17	...	167 Remaining.



TABLE XVIII.--Discharges and deaths at sanatoria during 1916, classified on examination of sputum.

## DOWNS SANATORIUM.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not other than pulmonary.	Discharges and deaths.
Tubercle bacilli found ...	6	145	30	...	4	308	133	...	6	165	114	1	...	...	912
" " not found	23	78	5	...	12	53	8	...	3	16	3	...	33	5	240
Not examined ...	5	23	...	...	2	12	5	...	...	6	5	1	...	...	79
Totals ...	34	246	35	...	18	373	146	1	9	187	122	2	33	20	1,231

## NORTHERN HOSPITAL.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not other than pulmonary.	Discharges and deaths.
Tubercle bacilli found ...	43	9	25	1	54	34	41	...	65	52	47	...	...	...	58
" " not found	76	5	6	...	30	5	2	...	37	8	7	...	15	5	4
No expectoration ...	67	7	5	2	30	7	8	...	28	3	7	...	20	6	6
Totals ...	186	21	36	3	114	46	51	...	130	63	61	...	35	11	68

TABLE XIX.--Reasons for discharge, 1916.

## DOWNS SANATORIUM.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not other than pulmonary.	Discharges and deaths.
Fit for work ...	28	156	11	...	13	199	27	...	7	67	...	...	...	...	509
Fit for light work	4	34	8	...	5	96	33	...	2	47	4	...	...	...	233
Further treatment	...	20	9	...	...	49	72	...	...	49	58	...	...	3	260
Against advice ...	1	31	5	...	...	19	6	...	...	17	7	...	...	...	105
Misconduct	1	5	1	...	...	7	...	...	...	2	...	...	...	...	17
Contagious disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diagnosis not confirmed...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	34	246	34	...	18	370	138	...	9	182	69	...	33	20	1,157

## NORTHERN HOSPITAL.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub>	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not other than pulmonary.	Discharges and deaths.
Fit for work ...	99	3	6	...	45	5	2	...	22	2	...	...	17	2	206
Fit for light work	66	11	7	...	38	14	10	...	49	11	3	...	6	...	219
Further treatment	11	5	21	...	30	25	37	...	54	48	55	...	4	1	297
Against advice ...	6	1	2	...	...	2	2	...	4	2	2	...	...	...	21
Transferred to St. George's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Home ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Fit for school	4	1	...	...	1	...	...	...	1	...	...	...	8	1	16
Diagnosis not ascertained	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Totals ...	186	21	36	3	114	46	51	...	130	63	61	...	35	4	761



TABLE XX.

*Errors in diagnosis of patients admitted to sanatoria in 1916.***DOWNS SANATORIUM.**

No obvious disease ... ..	5	Cardiac disease ... ..	2
Bronchitis ... ..	8	Syphilis (tertiary) ... ..	1
Fibrosis of lungs ... ..	7	Glosso-pharyngeal paralysis ... ..	1
Chronic pleurisy... ..	5		
Unresolved pneumonia... ..	2	Total ... ..	33
Empyema ... ..	2		

**NORTHERN HOSPITAL.**

Tuberculous in nature.				Non-tuberculous in nature.			
Empyema ... ..	1			Albuminuria ... ..	2		
Fistula in ano ... ..	1			Asthma and bronchitis... ..	1		
Lupus ... ..	2			Bronchiectasis ... ..	2		
Pyo-pneumothorax ... ..	1			Bronchitis ... ..	4		
Adenitis ... ..	3			Chorea ... ..	1		
Arthritis ... ..	4			Epilepsy ... ..	1		
Dactylitis ... ..	1			Hysteria (pronounced) ... ..	1		
Enteritis ... ..	4			Mitral disease ... ..	7		
Laryngitis ... ..	25			Phlebitis ... ..	1		
Peritonitis ... ..	1			Uterine fibro-sarcoma ... ..	1		
Ulcer of tongue ... ..	1						
Total ... ..	44			Total ... ..	21		

Among children attending school.

Tuberculous mesenteric glands ... 2

TABLE XXI.

*Number of patients whose diagnosis was corrected after admission in 1916.***NORTHERN HOSPITAL.**

Tuberculous in nature.				Non-tuberculous in nature.			
Adenitis ... ..	7			Bronchiectasis ... ..	1		
Hip ... ..	1			Diagnosis not entertained ... ..	3		
Ovaries ... ..	1			Gastric ulcer ... ..	1		
Rib ... ..	1			Mitral disease ... ..	1		
				Laryngitis ... ..	1		
Total ... ..	10			No obvious disease ... ..	19		
				Oral sepsis ... ..	2		
				Pelvic metritis ... ..	1		
				Rheumatoid arthritis ... ..	1		
				Total ... ..	30		

Among children attending school.

Tuberculous adenitis ... ..	1	Diagnosis not entertained ... ..	1
		No obvious lesion ... ..	8
Total ... ..	1	Total ... ..	9



TABLE XXII.—Duration of stay in sanatoria, 1916.  
DOWNS SANATORIUM.

	L <sub>1</sub>	L <sub>1</sub> s	L <sub>1</sub> S	L <sub>1</sub> S	L <sub>2</sub>	L <sub>2</sub> s	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>2</sub> S	L <sub>3</sub> s	L <sub>3</sub> S	L <sub>3</sub> S	Diagnosis not confirmed.	Diagnosis not ascertained.	Tubercular other than pulmonary.	Admissions.	Discharges.	Deaths.	
Under 1 week ...	3	14	...	...	3	10	2	...	1	3	1	( <sup>1</sup> )	...	2	20	...	...	59	1	
1 to 2 weeks ...	1	11	2	...	4	6	...	...	...	1	( <sup>2</sup> )	( <sup>1</sup> )	...	2	...	...	...	27	4	
2 " 3 " ...	1	9	...	...	...	11	( <sup>1</sup> )	...	...	3	1	( <sup>4</sup> )	...	...	...	...	...	25	6	
3 " 4 " ...	13	24	2	...	4	20	4( <sup>1</sup> )	...	3	11	3	( <sup>4</sup> )	...	6	...	...	...	90	5	
1 " 2 months ...	10	74	6	...	7	105	23( <sup>4</sup> )	...	3	61( <sup>2</sup> )	19( <sup>19</sup> )	...	...	18	...	2	...	328	25	
2 " 3 " ...	6	77	9( <sup>1</sup> )	...	...	132( <sup>1</sup> )	45	...	2	54( <sup>1</sup> )	19( <sup>7</sup> )	...	...	5	...	1	...	350	10	
3 " 4 " ...	...	31	5	...	...	57( <sup>1</sup> )	30( <sup>1</sup> )	...	...	35( <sup>1</sup> )	16( <sup>8</sup> )	...	...	...	...	( <sup>1</sup> )	...	174	12	
4 " 5 " ...	...	3	2	...	...	18( <sup>1</sup> )	17( <sup>1</sup> )	...	...	10	4( <sup>5</sup> )	...	...	...	...	...	...	54	7	
5 " 6 " ...	...	1	7	...	...	7	5	...	...	1	2	...	...	...	...	...	...	23	...	
6 " 7 " ...	...	1	1	...	...	...	9	...	...	1( <sup>1</sup> )	...	...	...	...	...	...	...	12	1	
7 " 8 " ...	...	1	...	...	...	4	1	...	...	2	1( <sup>2</sup> )	...	...	...	...	...	...	9	2	
8 " 9 " ...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	3	...	
9 " 10 " ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	
10 " 11 " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 " 12 " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Over 12 " ...	...	...	...	...	...	...	...	...	...	...	...	1( <sup>1</sup> )	...	...	...	1	...	2	1	
Totals ...	34	246	34( <sup>1</sup> )	...	18	370( <sup>5</sup> )	138( <sup>8</sup> )	( <sup>1</sup> )	9	182( <sup>5</sup> )	69( <sup>33</sup> )	( <sup>2</sup> )	...	33	20	4( <sup>1</sup> )	...	1,157	74	

The figures in brackets refer to deaths.

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Under 1 week ...	...	...	...	...	1	...	2	...	2	2	...	...	2	...	...	...	...	10	6
1 to 2 weeks ...	5	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	10	3
2 " 3 " ...	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	4
3 " 4 " ...	9	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52	5
1 " 2 months ...	47	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	187	24
2 " 3 " ...	93	9	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	317	17
3 " 4 " ...	21	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	110	3
4 " 5 " ...	7	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39	3
5 " 6 " ...	2	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	2
6 " 7 " ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1
7 " 8 " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
8 " 9 " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Over 9 " ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	186	21	36	3	114	46	51	...	130	63	61	...	...	35	4	11	...	761	68

TABLE XXIII.

*St. George's Home (all advanced cases of tuberculosis).*

Age groups.	Admissions.			Discharges.			Deaths.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Under 16 years ...	5	17	22	2	10	12	3	13	16
From 16 to 20 " ...	...	15	15	...	10	10	...	8	8
" 20 " 25 " ...	...	14	14	...	7	7	...	6	6
" 25 " 30 " ...	...	27	27	...	9	9	...	12	12
" 30 " 35 " ...	...	15	15	...	8	8	...	10	10
" 35 " 40 " ...	...	22	22	...	11	11	...	12	12
" 40 " 45 " ...	...	8	8	...	6	6	...	3	3
" 45 " 50 " ...	...	8	8	...	4	4	...	3	3
Over 50 " ...	...	6	6	...	2	2	...	2	2
Totals ...	5	132	137	2	67	69	3	69	72

TABLE XXIV.

*Admissions, discharges, and deaths at sanatoria in 1916.*

	Remaining 31 Dec., 1915.			Admissions.			Discharges.			Deaths.			Remaining 31 Dec., 1916.		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Ttl.	M.	F.	Total
The Downs Sanatorium	262	...	262	1,135	...	1,135	1,157	...	1,157	74	...	74	166	...	166
Northern Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(part of) ...	16	138	154	121	721	842	84	677	761	35	33	68	18	149	167
St. George's Home	2	34	36	5	132	137	2	67	69	3	69	72	2	30	32
Totals ...	280	172	452	1,261	853	2,114	1,243	744	1,987	112	102	214	186	179	365



TABLE XXV.

*Number of admissions, transfers, discharges, and deaths (exclusive of feeble-minded patients) at the Board's several imbecile asylums during 1916, according to the parishes and unions, also the number remaining under treatment at the end of the year.*

PARISHES & UNIONS.	No. remaining at asylum on 1 January, 1916.			Admitted.			Died.			Discharged.			Transferred to other asylums of the Board.			No. remaining at asylum on 31 December, 1916.		
	Direct and Indirect.			From other asylums of the Board.														
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Kensington ..	100	89	189	(1) 18	30	48	15	4	19	15	16	31	(1) 4	(1) 5	9	15	4	19
Hammersmith ..	46	53	99	17	26	43	(1) 4	(1) 9	13	16	17	27	4	9	13	4	9	13
Fulham ..	75	68	143	10	17	27	9	7	16	9	15	24	5	5	10	9	7	16
Paddington ..	77	58	135	11	19	30	(1) 4	8	12	10	11	21	4	6	10	4	8	12
Chelsea ..	42	59	101	15	14	29	7	5	12	7	12	19	(1) 2	(1) 4	7	4	5	12
Westminster, City of ..	129	130	259	(2) 13	28	41	(1) 8	12	20	18	24	42	(1) 2	(1) 3	7	8	12	20
St. Marylebone ..	83	94	177	(1) 44	29	73	12	6	18	23	17	40	(2) 3	(1) 5	8	12	6	18
St. Pancras ..	297	339	636	(3) 50	51	101	24	17	41	51	56	107	(1) 12	(1) 8	20	24	17	41
Hampstead ..	25	34	59	7	16	23	4	6	10	7	10	17	(1) 1	(1) 1	2	4	6	10
Islington ..	171	180	351	21	24	45	24	22	46	32	21	53	(1) 5	9	14	24	22	46
Hackney ..	169	190	359	29	56	85	12	(1) 15	27	33	39	72	(1) 5	7	12	12	15	27
Holborn ..	192	199	391	23	30	53	16	8	24	30	43	73	(2) 6	4	10	16	8	24
London, City of ..	95	54	149	9	6	15	6	(1) 2	8	12	7	19	5	..	5	6	2	8
Shoreditch ..	129	98	227	13	16	29	9	10	19	21	8	29	6	..	6	9	10	19
Bethnal Green ..	91	94	185	20	19	39	(1) 4	(1) 10	23	13	13	26	1	..	1	9	9	19
Whitechapel ..	119	103	222	(1) 27	11	38	15	7	22	18	14	32	(1) 5	(2) 3	8	4	19	23
St. George's, E. ..	63	63	126	7	11	18	4	7	11	7	7	14	(1) 3	(1) 2	5	4	7	11
Stepney ..	65	66	131	(1) 4	9	13	3	5	8	12	16	28	(1) 2	(1) 2	4	3	5	8
Mile End ..	97	98	195	(2) 9	18	27	5	(1) 11	16	19	15	24	(1) 4	3	7	5	11	16
Poplar ..	150	207	357	27	41	68	9	17	26	26	36	62	(2) 6	(1) 6	12	9	17	26
Southwark ..	204	166	370	(1) 26	29	55	(1) 17	15	32	51	24	75	(1) 3	(1) 5	8	17	15	32
Bermondsey ..	142	138	280	22	29	51	22	16	38	24	20	44	(1) 1	(1) 7	8	22	16	38
Lambeth ..	277	306	583	54	95	149	30	20	50	46	72	118	(3) 14	(1) 13	27	30	20	50
Wandsworth ..	197	233	430	(1) 19	52	71	18	(1) 24	42	19	20	39	14	(1) 5	19	18	24	42
Camberwell ..	198	227	425	(1) 15	38	53	10	15	25	31	26	57	7	(1) 4	10	10	15	25
Greenwich ..	123	127	250	(1) 16	17	33	16	9	25	12	5	17	..	6	4	16	9	25
Woolwich ..	83	80	163	13	23	36	10	10	20	10	16	26	6	6	12	10	10	20
Lewisham ..	63	51	114	7	18	25	5	8	13	10	9	19	7	(1) 7	13	5	8	13
Local Government Board ..	..	..	..	(1) 1	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Extra-Metropolitan ..	13	18	31	48	10	58	..	8	8	4	5	9	1	1	2	..	8	8
Totals ..	3,515	3,622	7,137	595	794	1,389	322	322	644	570	594	1,164	137	108	245	322	322	644
				</														

NOTE.—The small figures in brackets represent alterations in chargeability after admission.



TABLE XXVI.—General table, showing the movement of the asylum population during 1916.

	TOOTING BEC										LEAVESDEN ASYLUM.						CATERHAM ASYLUM.						DARENTH INDUSTRIAL COLONY.						FOUNTAIN (temporary) ASYLUM.						
	ASYLUM.					RECEIVING HOME FOR CHILDREN.					M.			F.			M.			F.			M.			F.			M.			F.			
	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.	M.	F.	TL.					
On the asylums registers, 1 Jan., 1916 .. ..	477	522	999	..	..	..	17	16	33	..	..	..	965	1052	2017	..	..	..	908	1005	1913	..	..	..	816	724	1540	..	..	332	303	635	..	..	
Total cases admitted during the year .. ..	358	419	777	..	..	..	114	78	192	..	..	..	154	264	418	..	..	..	168	248	416	..	..	..	59	48	107	..	..	64	59	123	..	..	
Total cases under treatment during the year ..	..	..	..	835	941	1776	..	..	..	131	94	225	..	..	..	1119	1316	2435	..	..	..	1076	1253	2329	..	..	..	875	772	1647	..	..	396	862	758
Cases discharged as transferred during the year as:																																			
Not insane .. ..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Recovered .. ..	5	2	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Relieved .. ..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3	..	..	..	2	2	4	..	..	..	26	17	43	..	..	7	13	20	..	..	..
Not improved .. ..	*178	208	386	..	..	..	113	77	190	..	..	..	28	29	57	..	..	..	30	4	34	..	..	..	128	44	72	..	..	38	32	70	..	..	..
Died during the year ..	228	253	481	..	..	..	..	2	2	..	..	..	144	139	283	..	..	..	157	160	317	..	..	..	23	19	42	..	..	18	21	39	..	..	..
Total cases discharged, transferred, and died during the year .. ..	..	..	..	411	463	874	..	..	..	114	79	193	..	..	..	174	169	343	..	..	..	190	167	357	..	..	..	77	80	157	..	..	63	66	129
On the asylums registers, 31 Dec., 1916 .. ..	..	..	..	424	478	902	..	..	..	..	..	..	..	..	..	945	1147	2092	..	..	..	886	1086	1972	..	..	..	798	692	1490	..	..	333	296	629
Average daily number on the registers during the year .. ..	..	..	..	453	528	981	..	..	..	..	..	..	..	..	..	943	1113	2056	..	..	..	925	1078	2003	..	..	..	799	697	1496	..	..	325	298	623
Certified persons (i.e., separate persons in contrast to "cases" which may include the same individual more than once):																																			
Under care during year	834	937	1771	..	..	..	129	94	223	..	..	..	1119	1316	2435	..	..	..	1076	1253	2329	..	..	..	875	772	1647	..	..	378	358	736	..	..	..
Admitted .. ..	358	419	777	..	..	..	114	78	192	..	..	..	154	264	418	..	..	..	168	248	416	..	..	..	59	48	107	..	..	46	55	101	..	..	..
Recovered .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

† Includes 3 escapes.

\* Includes 2 escapes.



TABLE XXVII.

*Summary showing the movement [i.e., admission, discharges, &c.] of the asylums population (exclusive of feeble-minded patients) during 1916.*

	M.	F.	Total.	M.	F.	Total.
In the asylums 1 January, 1916 ... ..				3,515	3,622	7,137
Total cases admitted during the year—						
Direct cases ... ..	483	480	963			
Indirect cases ... ..	112	314	426			
				595	794	1,389
Total cases under treatment during the year ...				4,110	4,416	8,526
Discharged or transferred* during the year as—						
Not insane ... ..	1	—	1			
Recovered ... ..	6	3	9			
Relieved ... ..	37	33	70			
Not improved ... ..	†93	72	165			
Died ... ..	570	594	1,164			
Total cases discharged, transferred, and died during the year ... ..				707	702	1,409
Remaining in the asylums 31 December, 1916 .. ..				3,403	3,714	7,117
Average number resident during the year ... ..				3,462	3,728	7,190

\* Exclusive of transfers between the Board's own asylums.

† Includes 5 escapes.

TABLE XXVIII.

*Table showing the total admissions, deaths, and discharges of feeble-minded patients during 1916.*

	M.	F.	T.
Remaining 31 December, 1915 ... ..	374	303	677
Admitted ... ..	52	46	98
Total cases under treatment during the year ...	426	49	775
Discharged ... ..	63	20	83*
Died ... ..	2	1	3
	65	21	86
Remaining 31 December, 1916 ... ..	361	328	689

\* Of this number 6 were transferred to the imbecile section of Darenth Industrial Colony and the remainder left at the desire of their relatives, themselves, or the guardians of their respective unions.

TABLE XXIX.

*Admissions, discharges, and deaths at the hospitals, schools, and homes for sick children during 1916.*

Institution.	Remaining at beginning of year.	Admissions.		Discharges.		Deaths.	Remaining 31 Dec., 1916.
		Direct.	From other institutions of the Board.	Direct.	To other institutions of the Board.		
<b>I. SICK, DEBILITATED, AND CONVALESCENT CHILDREN.</b>							
<i>(a) Inland—</i>							
Queen Mary's Hospital, Carshalton, Surrey	865	516	130	515	104	79	813
Children's Home, Hanwell, W.	...	316	7	238	31	1	53
Children's Infirmary, Cleveland Street, W.	...	285	31	40	76	27	173
Totals	865	1,117	168	793	211	107	1,039
<i>(b) Seaside—</i>							
St. Anne's Home, Herne Bay	128	246	35	246	31	...	132
East Cliff House, Margate	37	121	6	141	23	...	...
Millfield, Rustington ...	119	121	10	106	24	...	120
Totals	284	488	51	493	78	...	252
<b>II. CONTAGIOUS DISEASES OF THE SKIN OR SCALP.</b>							
Goldie Leigh Homes, Abbey Wood	180	640	76	642	86	...	168
Totals	180	640	76	642	86	...	168
<b>III. OPHTHALMIA.</b>							
White Oak School, Swanley	188	221	48	227	15	2	213
Highwood School, Brentwood	200	40	3	89	32	...	122
Totals	388	261	51	316	47	2	335
Grand totals	1,717	2,506	346	2,244	422	109	1,794



TABLE XXX.  
*Training Ship Exmouth, Boys admitted and discharged—1876 to 1916.*

YEAR	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	T'ls.																																									
Admitted ..	104	494	188	210	289	226	348	350	326	267	374	241	301	329	290	223	322	299	307	278	347	325	323	341	423	413	329	223	294	277	279	242	297	311	322	282	394	368	250	429	345	12,670																																									
Discharged to Royal Navy	1	6	1	8	72	85	155	141	95	128	114	95	87	104	108	89	83	102	133	163	137	129	123	149	115	151	116	42	103	96	58	88	86	70	*73	105	109	98	135	85	115	3,953																																									
Discharged to mercantile marine ..	53	19	126	115	105	107	109	96	106	91	107	93	141	171	134	75	69	90	87	96	109	112	112	135	145	146	112	93	105	123	115	144	96	94	165	147	179	171	219	123	98	4,733																																									
Discharged to Army as musicians ..	9	11	9	31	17	27	46	74	61	43	55	36	18	56	48	42	66	28	26	37	49	28	32	58	93	56	101	51	17	12	39	13	17	9	11	4	10	7	16	14	13	1,390																																									
Discharged to situations ..	1	..	2	..	3	..	..	..	2	..	..	..	..	..	..	1	..	..	1	..	1	..	..	1	..	1	..	..	1	..	..	..	..	2	..	..	..	..	1	8	25																																										
Discharged to Exmouth H. as apprentices.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	..	..	9																																										
Discharged to unions by order of guardians or committee	21	23	47	30	61	43	27	33	52	39	49	44	45	44	36	18	51	34	54	41	51	29	39	29	39	31	50	47	30	25	69	40	43	53	47	64	51	94	57	100	160	1,940																																									
Died ..	..	..	2	1	..	4	1	..	2	2	5	1	2	1	1	..	1	3	2	1	3	2	1	1	1	2	2	1	2	..	1	..	1	..	1	2	..	..	..	..	..	49																																									
Total discharges and deaths ..	85	59	187	185	258	266	338	344	318	303	330	269	293	376	327	225	270	257	303	338	350	300	307	373	393	387	381	234	258	256	282	285	243	226	299	322	349	370	436	323	394	12,099																																									
Total number of boys discharged (including deaths)																																										..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12,099		
Remaining under training 31 December, 1916																																										..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	571	
Total																																										..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12,670

\* Includes 15 to Canadian Navy.

Total number of boys discharged (including deaths)

Remaining under training 31 December, 1916

Total number of boys discharged (including deaths)

Remaining under training 31 December, 1916 ..

• Includes 15 to Canadian Navy.

Total

.. 12,099  
 .. 571  
 .. 12,670





TABLE XXXII.  
Admissions and discharges during 1916 (casual poor).

CASUAL WARDS.	Remaining 1 Jan., 1916.				Admissions.				Discharges.				Remaining 31 Dec., 1916.			
	Men.	Women.	Children.	Totals.	Men.	Women.	Children.	Totals.	Men.	Women.	Children.	Totals.	Men.	Women.	Children.	Totals.
Bethnal Green	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hackney	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stepney	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poplar	9	1	..	10	831	158	5	994	828	159	5	992	12	..	..	12
Strand	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Holborn	27	1	..	28	1,480	278	12	1,770	1,493	278	12	1,783	14	1	..	15
Bloomsbury	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chelsea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fulham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wandsworth	2	1	..	3	215	38	7	260	218	38	7	263	..	..	..	..
St. Pancras	14	1	..	15	1,111	117	2	1,230	1,111	117	2	1,230	14	..	..	15
St. Marylebone	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Paddington	19	..	..	19	1,247	182	6	1,435	1,248	181	6	1,435	18	1	..	19
Lambeth	26	..	..	26	2,371	..	..	2,371	2,375	..	..	2,375	22	..	..	22
Southwark	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Camberwell	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Greenwich	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lewisham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Woolwich	15	2	..	17	1,618	170	17	1,805	1,625	172	17	1,814	8	..	..	8
Totals	112	6	..	118	8,873	943	49	9,865	8,098	945	49	9,892	88	3	..	91
Totals for 1915	213	26	..	239	12,877	1,593	45	14,515	12,978	1,613	45	14,636	112	6	..	118

TABLE XXXIII.

*Work of the land ambulance service during 1916.*

<i>Fever patients.</i>							
Removals to acute hospitals...	...	...	...	...	...	...	20,480
Transfers to convalescent hospitals	...	...	...	...	...	...	7,272
Removals of recovered patients from convalescent hospitals	...	...	...	...	...	...	8,237
Retransfers, &c.	...	...	...	...	...	...	422
							<hr/> 36,411
<i>Smallpox patients.</i>							
Removals to and from hospitals	...	...	...	...	...	...	9*
<i>Mental defectives and children.</i>							
Removals to and from the institutions	...	...	...	...	...	...	3,445
<i>Tuberculosis patients.</i>							
Removals to and from the sanatoria	...	...	...	...	...	...	1,264
<i>Private removals.</i>							
Infectious cases (including naval and military cases)	...	...	...	...	...	...	2,320
Non-infectious cases	...	...	...	...	...	...	4,752
							<hr/> 7,072
<i>Other removals.</i>							
War refugees	...	...	...	...	...	...	355
Naval and military	...	...	...	...	...	...	4,679
Casual poor	...	...	...	...	...	...	48
Other removals	...	...	...	...	...	...	184
							<hr/> 5,266
							<hr/> 53,467

\* Of the 5 patients admitted 4 were found to be cases of wrong diagnosis.

In conveying goods between the Central Stores, Darenth Industrial Colony, and the other institutions, 2,314 journeys were made, totalling 40,027 miles.

The total mileage (including vehicles at Country institutions) was 523,541.



TABLE XXXIV.  
Bacteriological Laboratories.  
Return of work done and antitoxin supplied during 1916.

Institutions.	Antitoxin supplied.			Media, etc., supplied.						Tubercu- lins, etc.		Bacteriological work.										Other exami- nations.										
	No. of doses each con- taining 4,000 A. U.	Total No. of units supplied during 1916.	Total No. of units supplied during 1915.	Serum tubes.	Swabs.	Beef broth tubes.	Veal broth tubes.	Agar agar.	Gelatin.	Other media.	B. E.	T. A.	Diphtheria.	Faeces.	Urine.	Widal.	Para- typhoid.	Agglu- tinations.	Micro- only.	Ordinary.	Cerebro spinal meningitis.		Isolation, etc., of cultures.	Special. Vaccines.	Stock.	Dysentery.	Urine.	Gonococcus.	Water.	Test steriliser.		
Leavesden Asylum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Caterham	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Darenton L. Colony	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Fountain Asylum	4,000	16,000,000	13,100,000	800	750	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Eastern Hospital	8,350	33,400,000	31,300,000	11,100	200	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
North-Eastern Hospital	4,650	18,600,000	28,200,000	3,850	3,950	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
North-Western	3,007	20,028,000	16,800,000	3,000	3,050	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Western	2,450	9,800,000	9,100,000	1,000	1,000	1 litre	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
South-Western	2,100	8,400,000	16,600,000	2,300	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Grove	5,600	22,400,000	20,300,000	2,150	1,800	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
South-Eastern	4,600	18,400,000	14,100,000	11,150	150	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Park	150	600,000	1,600,000	400	400	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Northern	225	900,000	2,300,000	4,011	3,750	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Southern	125	500,000	800,000	3,650	3,400	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Joyce Green.	87	348,000	196,000	450	450	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Queen Mary's	75	300,000	..	50	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Children's Infirmary	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Millfield Home	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
St. Anne's	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
T.S. Exmouth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Downs Sanatorium	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
St. George's Home	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Earl's Court Camp	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
War Ref. Dispensary	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Brook War Hospital	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Totals M.A.B. institutions	37,446	149,784,000	*150,814,000	44,311	19,600	42 & 1 litre	24	9624	36	..	6	3	510	58	59	384	171	5079	54	127	10	11	2	12	2	1	4	31	1	92		
Total .. 64,133											Total examinations .. 6,594											Total examinations .. 6,594										

\* Includes 48,000 units supplied to White Oak School and Goldie Leigh Home during 1915.

\* Includes 48,000 units supplied to White Oak School and Goldie Leigh Home during 1915.

TABLE XXXV.  
Results of bacteriological examinations, 1916.

(i.) DIPHTHERIA.	Totals.
Virulent diphtheria bacilli ... ..	47
Probable non-virulent diphtheria bacilli ... ..	24
Rods present resembling diphtheria bacilli unable to be separated in a pure culture ... ..	175
No rods resembling diphtheria bacilli present ... ..	264
Total	510

(ii.) WIDAL REACTION.	Totals.
Complete clumping in all dilutions ( $\frac{1}{20}$ : $\frac{1}{80}$ : $\frac{1}{160}$ ) ... ..	26
Complete clumping in $\frac{1}{20}$ and $\frac{1}{40}$ dilutions, and incomplete clumping $\frac{1}{80}$ ... ..	27
Complete clumping $\frac{1}{20}$ dilution only, and incomplete clumping $\frac{1}{40}$ and $\frac{1}{80}$ or $\frac{1}{160}$ only ... ..	25
Incomplete clumping $\frac{1}{20}$ and $\frac{1}{40}$ dilutions or $\frac{1}{20}$ dilution only ... ..	103
Negative in all dilutions ... ..	203
Total	384

(iii.) FÆCES AND URINE.			
	Positive.	Negative.	Totals.
Fæces ... ..	4	54	58
Urine ... ..	6	53	59

TABLE XXXVI.  
Summary of bacteriological examinations, 1916.

Institutions.	Diphtheria.	Typhoid.		Widal reaction.	Paratyphoid reaction.	Sputa.	Other examinations.	Total examinations.
		Fæces.	Urine.					
Asylums ... ..	—	5	5	49	—	—	29	88
Infectious hospitals ...	449	53	54	333	171	—	146	1,206
Children's institutions	51	—	—	1	—	678	150	880
Sanatoria ... ..	—	—	—	—	—	4,333	2	4,335
War refuges ... ..	10	—	—	1	—	68	6	85
Brook War Hospital...	—	—	—	—	—	—	—	—
Totals . . .	510	58	59	384	171	5,079	333	6,594



