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REPORT

ON THE

Vital and Sanitary Statistics

OF THE

BOROUGH OF LAMBETH

During the Year

1917.

[Including an account (1) of the work done (a) at the two Tuberculosis Dispensaries under the Lambeth Municipal Tuberculosis Dispensaries Scheme, (b) at the Municipal Milk Depôt and Infants Consultations Centre under the Lambeth Maternity and Child Welfare Scheme, (c) at the Municipal Bacteriological Laboratory and (d) by the Male and Female Sanitary Inspectors and Health Visitors and the Disinfecting Staff, and (2) of the proceedings taken under the Sale of Food and Drugs, the Factory and Workshop, and the Housing and other Special, Acts.]

BY

JOSEPH PRIESTLEY, B.A., M.D., D.P.H.,

Medical Officer of Health and Chief Executive Tuberculosis Officer, Metropolitan Borough of Lambeth.

PUBLIC HEALTH DEPARTMENT,
LAMBETH TOWN HALL,
BRIXTON HILL, S.W. 2.

May, 1918.

To the Mayor, Aldermen and Councillors
of the Metropolitan Borough of Lambeth.

MR. MAYOR AND GENTLEMEN,

The work of the year 1917 has been that of "carrying on," ensuring, on the one hand, as far as possible, the same high standard of sanitary administration being maintained throughout the Borough, but, on the other hand, avoiding the introduction of any new Schemes which would involve the Council in any serious increase of expenditure at the present time, under existing national (war) conditions.

The statistical results for the year 1917, as set out in the Report, speak for themselves, the slight increases in the general and zymotic death-rates being more *apparent* than real, due to the estimated civil population being somewhat low.

The infantile mortality rate is again further reduced for 1917. The tuberculosis death—and incidence—rates for 1917 deserve attention, the slight increases being, as in the cases of the general and zymotic rates, *apparent* rather than real, whilst the increase in the general tuberculosis (all forms) incidence rate is due to a larger number of patients being diagnosed as tubercular adenitis than formerly, chiefly noticeable in connection with the Outer Wards of the Borough.

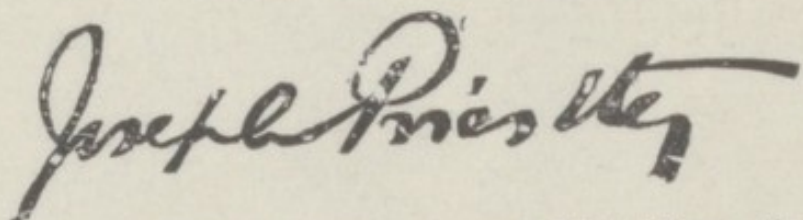
The typhoid fever (enteric fever), 1917, statistics, are as favourable as those for last year (1916), and better than those of any year previous to 1916-1917.

The Staffs of the Department have worked well, both the inspectorial and clerical, the former with its additional work connected with Food Control, and the latter despite its temporary (in part) officers, who are taking the places of regular clerks who left the employ of the Council *temporarily* on war work. To the Staffs, and to the Chiefs of the Departments, as also to the Members of the Council, my thanks are due for assistance readily given at all times in connection with the carrying out of my important duties as Medical Officer of Health of the Borough.

The Report has been further curtailed and condensed owing to the increased cost of production and the great scarcity of paper.

I am, Mr. Mayor and Gentlemen,

Your obedient Servant,



Medical Officer of Health and Chief Executive
Tuberculosis Officer.

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1. VITAL STATISTICS.

The *Estimated Civil Populations** of the Borough are as follows:—

ESTIMATED CIVIL POPULATIONS, 1917.

I. *Wards.*

Wards.	Males.	Females.	Total.
Marsh	9092	9979	19071
Bishop's	12750	15586	28336
Prince's	16955	21106	38061
Vauxhall	12609	15125	27734
Stockwell	12301	16957	29258
Brixton	16958	23639	40597
Herne Hill	12881	17574	30455
Tulse Hill	11922	16789	28711
Norwood	11989	17826	29815
<hr/>			
Borough of Lambeth ...	117457	154581	272038

II. *Registration Sub-Districts.*

Sub-Districts.	Males.	Females.	Total.
Lambeth Church	19403	22590	41993
Kennington	19394	24081	43475
Stockwell	24910	32082	56992
Brixton	29839	41213	71052
Norwood	23911	34615	58526
<hr/>			
Borough of Lambeth ...	117457	154581	272038

*N. B.—The estimates of populations for 1917 are estimates of civilian populations only. These estimates are based upon the estimate for the whole Country (England and Wales) and on the number of persons in the Borough of Lambeth according to the Census 1911 and the National Register in 1916, and on the number of persons registered under the Scheme for the rationing of Sugar.



III. *Parliamentary Divisions (Old).*

<i>Old</i> Parliamentary Divisions.	Males.	Females.	Total.
North	21532	25278	46810
Kennington	29228	35799	65027
Brixton	29381	40459	69840
Norwood	36093	51343	87436
Parliamentary Area of Lambeth	116234	152879	269113

N.B.—The Parliamentary Divisions have not been altered by the London Government Act, 1899, nor by the proceedings that fixed the Boundaries of the Metropolitan Borough, so that the above figures do not agree with those for the borough as a whole, but are comparable with those of the old Parish of Lambeth given in previous Reports.

IV. *Parliamentary Divisions (Adjusted).*

<i>*Adjusted</i> Parliamentary Divisions.	New Wards.	Total.
North	{ Marsh Bishop's }	47407
Kennington	{ Prince's Vauxhall }	65795
Brixton	{ Stockwell Brixton }	69855
Norwood	{ Herne Hill Tulse Hill Norwood }	88981
<i>*Adjusted</i> Parliamentary Area of Lambeth ...	—	272038

*N.B.—By the adjustment of the old Parliamentary Divisions so as to be co-terminous with the Wards.

TABLE A.

Giving number of Births and Birth-Rates in each Registration Sub-District of the Borough of Lambeth during 1917 (arranged Quarterly).

Registration Sub-Districts.	No. of Births.				Total for the Year 1917.
	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	
Lambeth Church*	527	530	501	469	2027
Kennington†	226	262	204	201	893
Stockwell§	507	495	460	426	1888
Brixton	345	300	275	258	1178
Norwood	242	246	209	186	883
Borough of Lambeth	1847	1833	1649	1540	6869

*Including Lying-in Hospital (797 cases, of which 179 belong to Lambeth). † Including Workhouse (192 cases, of which 126 belong to Lambeth). §Including Maternity Hospital (890 cases, of which 203 belong to Lambeth).

N.B.—The births are those of infants of (a) civilians and (b) non-civilians, and the population is that estimated by the Registrar-General for the Borough of Lambeth for the year 1917 for the purpose of calculating birth-rates, viz., 303,245, giving an uncorrected birth-rate of 22·6, and a corrected birth-rate (*i.e.*, after deducting 1,372 non-Lambethian Institutional births) of 18·1 per 1,000 population.

TABLE B

Showing Populations (Estimated), Uncorrected Births, Corrected Deaths at all ages, under 1 year, under 5 years, and from the 7 chief Zymotic diseases and Uncorrected Deaths in Public Institutions, in the Borough of Lambeth during 1917, and for the years 1911-1916, together with the averages for the two decennia 1891-1900 (Parish) and 1901-1910 (Borough).

Year.	Estimated Population.	Number of Births Registered.	Corrected Numbers of Deaths.				Deaths in Public Institutions in Lambeth (uncorrected).
			Total Ages.	Under 1 Year.	Under 5 Years.	Deaths from 7 Chief Zymotic Diseases.	
1917	272038	6869	4168	516	873	295	3106
1916	283729	7980	4212	565	854	248	3078
1915	284188	7878	4653	683	1047	335	2550
1914	297094	8188	4269	728	1020	375	2204
1913	297139	8341	4280	733	1094	369	2015
1912	297550	8168	3925	598	917	287	1872
1911	297957	8405	4380	899	1336	569	1862
Averages—							
1901-10 (Borough)	314566.8	8846.9	4709.6	1020.1	1503.5	475.1	1816.8
1891-1900 (Parish)	294049.7	9295.4	5405.3	1358.5	2070.2	700.4	1568.5

NOTE.—(a) Enumerated Population at Census 1901 was 301,895. (b) Enumerated Population at Census 1911 was 298,058. (c) Families or separate occupiers=70,887 (1901) and 70,827 (1911).

N.B.—The estimated populations for 1915 and 1916 are the estimates of civil populations only, based upon the estimate for the whole country (England and Wales), and on the numbers of persons in the Borough of Lambeth according to the Census, 1911, and the National Register in 1915 and 1916 respectively; whilst the estimated population of 1917 is also the estimate of civil population only, based upon the estimate for the whole country (England and Wales), and on the numbers of persons in the Borough of Lambeth according to the Census, 1911, and the National Register in 1917, and on the number of persons registered under the Scheme for the rationing of Sugar.

TABLE C.

Showing the Birth Rate (uncorrected) per 1,000 population, the General and Zymotic Death Rates (corrected) per 1,000 population, the Infantile Mortality Rates (corrected) per 1,000 total Births and per 1,000 total corrected Deaths, the Death Rate (corrected) for children under 5 years of age per 1,000 total corrected Deaths and the proportion of Deaths uncorrected in Public Institutions per 1,000 total uncorrected Deaths, in the Borough of Lambeth for the Year 1917 and for the Years 1911-1916, together with the averages for the two decennia 1891-1900 (Parish) and 1901-10 (Borough).

The Year.	Birth-Rate per 1,000 Population. (uncorrected).	Death-Rate per 1,000 Population (corrected.)	Corrected Deaths of Children under 1 Year per 1,000 total Births.	Deaths of Children under 1 year per 1,000 Deaths (corrected)	Deaths of Children under 5 years per 1,000 Deaths (corrected).	Zymotic Death-Rate per 1,000 Population. (corrected.)	Deaths in Public Institutions per 1,000 total Deaths (uncorrected.)
1917	22.6*	15.3	75.1	123.8	209.4	1.1	577.9
1916	25.8*	14.8	70.8	134.1	202.8	0.9	558.1
1915	27.7	16.4	86.7	146.8	225.0	1.2	479.1
1914	27.6	14.4	88.9	170.5	238.9	1.3	475.6
1913	28.1	14.4	87.9	171.3	255.6	1.2	450.2
1912	27.4	13.2	73.2	152.3	233.6	0.9	446.9
1911	28.2	14.7	106.9	205.2	305.0	1.9	406.2
Averages—							
1901-10 (Borough)	28.1	14.9	115.3	216.7	319.4	1.5	386.0
1891-1900 (Parish)	31.6	18.4	146.1	251.3	382.9	2.4	276.7

* N.B.—The birth-rate is calculated upon the special Borough populations estimated respectively for that purpose by the Registrar-General for the year 1916, and 1917, viz., 308,702, and 303,245, estimates of the total population based on the assumption that the ratio between the total and the civilian population is the same in the Borough of Lambeth as in England and Wales as a whole, the total population of England and Wales for this purpose having been calculated by adding to the published estimate for 1914 the natural increases up to the middle of the years 1916 and 1917.

BIRTHS, 1917.

The total number of Births registered is 6,869, of which full details are set out in Table A.

The birth-rate for Lambeth (Parish and Borough) has been recently slowly, but steadily, declining—a decline not peculiar to Lambeth, nor even to England, but to be found in nearly all civilised countries.

NOTIFICATION OF BIRTHS ACT.

The Notification of Births Act, 1907, was adopted throughout the Borough, and came into operation on March 9th, 1908.

Since the Act came into force, a total of 64,999 births have been notified up to the end of 1917, viz. : 3,473 in 1908 (10 months), 5,143 in 1909, 6,703 in 1910, 7,094 in 1911, 7,336 in 1912, 7,158 in 1913, 7,397 in 1914, 7,091 in 1915, 7,293 in 1916, and 6311 in 1917.

The notified cases are visited, or such other measures taken in connection therewith, in the way of distributing pamphlets, etc., as are found necessary. In the cases of notified infants who are visited, the methods of feeding are carefully inquired into and instruction given as required, breast-feeding being encouraged wherever possible; whilst the proper clothing and management of infants are also dealt with. Revisiting is carried out as far as is practicable with the staff at disposal.

It is impossible to give satisfactory statistics of the educational value of the visiting of houses wherein births have been notified, but there is no doubt as to the existence of such value—a result that would, naturally, be increased by systematic re-visiting in addition to the first visiting.

Returns of all Births (with addresses of mothers), registered in Lambeth, are obtained from the District Registrars week by week.

A list of all notified births is sent to the London County Council weekly in pursuance of sub-section 5, of section 2, of the Act, and the Medical Officers of Health concerned are written to in connection with babies born in Lambeth Public Institutions but belonging to Districts outside the Borough—similar information being obtained with regard to Lambethian babies born in institutions outside the Borough.

The Registrar-General provides particulars of transferable births registered, and for 1917 his figures for the Borough of Lambeth are as follows :—

	<i>Inward Transfers.</i>	<i>Outward Transfers.</i>
Legitimate Males	28	688
Legitimate Females	28	679
Illegitimate Males	14	170
Illegitimate Females	20	214
	<hr/>	<hr/>
Totals ...	90	1751
	<hr/> <hr/>	<hr/> <hr/>

The Registrar-General's corrected number of births is 5,232, differing slightly from the corrected number of births calculated locally and found in this Report, viz., 5,497.

LAMBETH MATERNITY AND CHILD WELFARE SCHEME.*

During 1917, the Lambeth Maternity and Child Welfare Scheme has continued to justify its inauguration on April 13th, 1916, the various voluntary centres carrying out useful work in the various areas allotted to them, such work being amalgamated and co-ordinated with the Council's Official Centre and Public Health Department. During 1917, a new voluntary centre was approved and opened in the Vauxhall Ward, known as the Springfield Maternity and Child Welfare Centre, whilst the Crèche (or Day Nursery) at 5, Railton Road, has been removed to larger and more suitable premises at 71, Effra Road, Brixton, S.W., where it is anticipated the work will be capable of considerable extension, and, consequently, be of greater corresponding value.

National Baby Week was celebrated within the Borough of Lambeth during 1917 (from July 1st to July 8th), by the formation of a Permanent Committee for the Borough, to be known as the Lambeth Maternity and Child Welfare Committee, such Committee to consist of representatives to be appointed by all the Voluntary Centres working within the Borough (one representative for each voluntary centre), the Mayor, for the time being, acting as Chairman. Arrangements were also made for the Voluntary Lambeth Centres to throw open to the public for inspection during the National Baby Week their premises, the Borough Council also arranging for the Municipal Milk Depot and the Infants Consultations Centre to be open also in the same way. These decisions were arrived at at a Conference which was called together by the Mayor for the purpose of ascertaining the views of the various Executive Committees of the

* In connection with the Scheme, the Council approved, during 1917, of the principle of making financial grants out of the Rates to the Voluntary Centres under certain conditions—a sum of £400 being voted for the year 1917-1918, half of this grant to be refunded by the Local Government Board.

Voluntary Centres as to the nature of any celebration that was to be arranged in connection with the Borough during the National Baby Week, the Conference being practically unanimous in deciding against any official part being taken by Lambeth in connection with a public pageant, or procession, it being felt that such display would not benefit the cause of maternity and child welfare in the way desired.

MUNICIPAL MILK DEPÔT.

(Inaugurated by the Council, 1903.)

RECORD OF WORK CARRIED OUT DURING 1917.

198 new infants and children were entered upon the Register and fed, their ages being at the time of commencing the milk :—

Under 3 months ...	92	9—12 months ...	22
3—6 months ...	51	Over 12 months and	7
6—9 months ...	26	under 2 years	<u> </u>
			<u>198</u>

Of the 92 infants under 3 months, 12 were aged 14 days or under.

These 198 infants and children (under 2 years) may be classified, as to their states of health at the time of being put upon the milk, as follows :—Healthy, *i.e.*, showing no sign of wasting or disease, though generally below par constitutionally 120, weakly 9, wasting 53, diseased 16. The diseases from which the 16 infants and children were actually suffering at the time of being put upon the milk were : Diarrhœa 1, bronchitis 1, enlarged glands 1, tabes mesenterica 1, gastritis 1, measles 1, whooping cough 2, indigestion 7, and unclassified 1.

An average of 109 infants and children (under 2 years) were fed per week at the Depôt, necessitating the distribution for the year of 178,614 bottles of milk mixture, whilst, in addition, milk was also supplied as follows :—

1. Lambeth Infirmary—using 36,822 pint bottles of milk mixture ;
2. Lambeth Workhouse—using 1,612 pint bottles of milk mixture ;

3. Invalids—using 2,446 pint bottles of milk mixture ;
4. Nursing mothers—using 769 pint bottles of milk mixture ;
5. Children over 2 years of age—using 8,538 pint bottles of milk mixture.

A total of 12,015½ gallons of milk and 571 pints of cream were used during 1917.

Weekly medical consultations* with mothers were held at the Dépôt, the babies being weighed, the weights and other details tabulated in the Register, whilst the babies were visited also at their homes by the Health Visitors when required.

Milk was distributed not only from the Dépôt, but also from the Moffatt Institute (Upper Kennington Lane), the latter branch dépôt (distributing centre) being used for the convenience of the mothers living in the Vauxhall District.

The most conclusive proof of the value of a Milk Dépôt, in so far as the infants and children fed are concerned, is to be found in the medical histories of individual cases, which show again and again, in the case of the Dépôt, that those infants and children who appear to be seriously ill and wasting, if not moribund, as the result of improper or irregular feeding, at the time of commencing the milk, actually recover and become strong and healthy.

The educational value, too, of a Milk Dépôt must not be lost sight of.

DEATHS, 1917.

The total number of deaths registered is 5,374. The deaths of all members of the armed forces of this or other countries are excluded and not only the deaths of those dying in Institutions as indicated in various tables throughout the body of the Report and in the special tables I. and III. of the Local Government Board (*vide* Appendix.

All death rates for 1917 are calculated upon civil populations (estimates).

*In connection with the Infants consultations at the Milk Dépôt, the Local Government Board has again given a financial grant in aid for the year 1917-18.

1.—GENERAL DEATH-RATES.

The uncorrected death-rate for Lambeth is 19.7 per 1,000 inhabitants. This rate is, however, uncorrected, and, on analysing the 5,374 total deaths registered, it is found that 1,975 represent deaths occurring within the Borough amongst persons not belonging thereto. These deaths are to be deducted, but, on the other hand, there are 769 deaths registered outside the Borough of persons belonging thereto, and these must be added, giving a net corrected number of deaths of 4,168, and a net corrected death-rate of 15.3 per 1,000 inhabitants, the slight increase being apparent rather than real, due to the low estimated civil population. The different districts are set out as usual in tabular form.

Whether the corrected or uncorrected death-rates for the Borough be taken, they are again satisfactory for the year 1917 (the seventeenth year of the existence of the Borough).

The figures* (corrected) for 1917 are :—

- (a) Inner Districts—17.7 per 1,000 population.
- (b) Outer Districts—13.6 per 1,000 population.
- (c) Whole Borough—15.3 per 1,000 population.

Age Periods of Corrected Deaths.

The 4,168 corrected deaths during 1917 may be further analysed, and tabulated as follows :—

- 516, *i.e.*, 12.4 per cent. of the total corrected deaths took place under 1 year of age.
- 357, *i.e.*, 8.5 per cent. between 1 and 5 years.
- 873, *i.e.*, 20.9 per cent. under 5 years.
- 233, *i.e.*, 5.6 per cent. between 5 and 20 years.
- 391, *i.e.*, 9.4 per cent. 20 to 40 years.
- 878, *i.e.*, 21.1 per cent. 40 to 60 years.
- 1,793, *i.e.*, 43.0 per cent. 60 and over.
- 3,295, *i.e.*, 79.1 per cent. over 5 years.

*N.B.—The rates are calculated upon the civil populations (estimated), and the deaths of all members of the armed forces are excluded.

TABLE D (1)

Shewing the corrected number of Deaths, with corrected Death-Sub-Districts of the Borough during 1917. The deaths are from by adding Lambethians who die outside the Borough, by omitting persons (who die in Public Institutions) amongst the Districts for treatment.

A. Registration

REGISTRATION SUB-DISTRICTS.	Total Deaths (corrected).	General corrected Death-rate per 1000 of the Population.	General corrected Death-rate per 1000 of the Population.		
			Small Pox.	Measles.	Scarlet Fever.
Lambeth Church ...	748	17.8	—	41	—
Kennington	857	19.7	—	21	1
Stockwell*	821	14.4	—	22	1
Brixton	1007	14.2	—	9	4
Norwood	735	12.5	—	15	—
Porough of Lambeth ...	4168	15.3	—	108	6

*Of the 821 deaths in Stockwell Registration Sub-District, 400

Inner Registration Sub-Districts—death rates

Outer Registration Sub-Districts—death rates

N.B.—Of the total deaths (corrected), 117 shew no addresses, and the Workhouse Infirmary (67), and in the

TABLE D (1).

rates (general, zymotic and diarrhoeal), in each of the Registration all causes, and from the 7 chief zymotic diseases, and are corrected strangers who die within the Borough, and by re-distributing from which they have been removed into such Public Institutions

Sub-Districts.

Diphtheria and Membranous Croup.	Whooping Cough.	Total Deaths (corrected) from					Total Zymotic Deaths.	Zymotic Death-rate per 1000 of the Population (corrected).	Diarrhoea Death-rate per 10000 of the Population (corrected).
		Typhus.	Typhoid or Enteric.	Continued Fever.	Cholera.	Diarrhoea.			
11	8	—	—	—	—	19	79	1.9	4.5
8	7	—	1	—	—	22	60	1.4	5.1
10	7	—	1	—	—	20	61	1.1	3.5
7	8	—	—	1	—	22	51	0.7	3.1
12	8	—	1	—	—	8	44	0.7	1.4
48	38	—	3	1	—	91	295	1.1	3.3

belong to the Inner and 421 to the Outer Stockwell Sub-District respectively.

(general, 17.7, zymotic, 1.5, diarrhoeal, 0.5, per 1,000 population).

(general, 13.6, zymotic, 0.7, diarrhoeal, 0.2, per 1,000 population).

have been included in Kennington Sub-District—having occurred in Workhouse (50) respectively.

TABLE D (2).

Shewing the corrected number of Deaths, with corrected of the Borough during 1917. The deaths are from all causes, Lambethians who die outside the Borough, by omitting strangers die in Public Institutions) amongst the Districts from which they

B. Wards.

WARDS.	Total Deaths (corrected).	General corrected Death-rate per 1000 of the Population.	Total		
			Small Pox.	Measles.	Scarlet Fever.
Marsh	296	15.5	—	26	—
Bishop's	519	18.3	—	14	—
Prince's	790	20.7	—	22	1
Vauxhall	400	14.4	—	13	1
Stockwell	421	14.4	—	9	—
Brixton	568	13.9	—	3	3
Herne Hill	439	14.4	—	5	1
Tulse Hill	356	12.4	—	7	—
Norwood	379	12.7	—	9	—
Borough of Lambeth ...	4168	15.3	—	108	6

Inner Wards—death rates per 1,000 population (general, 17.7; zymotic, general, 13.6; zymotic, 0.7; diarrhoeal, 0.2).

N.B.—Of the total deaths (corrected), 117 show no addresses, and occurred in the Workhouse Infirmary (67), and in the Workhouse

TABLE D (2).

Death-rates (general, zymotic and diarrhoeal), in each of the Wards and from the 7 chief zymotic diseases, and are corrected by adding who die within the Borough, and by re-distributing persons (who have been removed into such Public Institutions for treatment.

B. Wards.

WARDS.	Deaths (corrected) from							Total Zymotic Deaths.	Zymotic Death-rate per 1000 of the Population (corrected).	Diarrhoea Death-rate per 10,000 of the Population (corrected).
	Diphtheria and Membranous Croup.	Whooping Cough.	Typhus.	Typhoid or Enteric.	Continued Fever.	Cholera.	Diarrhoea.			
Marsh	7	—	—	—	—	—	7	40	2.1	3.6
Bishop's	6	7	—	1	—	—	11	39	1.4	3.9
Prince's	7	8	—	—	—	—	22	60	1.6	5.8
Vauxhall	3	6	—	1	—	—	13	37	1.3	4.7
Stockwell	5	3	—	—	—	—	7	24	0.8	2.4
Brixton	5	3	—	—	1	—	14	29	0.7	3.4
Herne Hill	2	3	—	—	—	—	11	22	0.7	3.6
Tulse Hill	2	5	—	—	—	—	2	16	0.5	0.7
Norwood	11	3	—	1	—	—	4	28	0.9	1.3
Borough of Lambeth ...	48	38	—	3	1	—	91	295	1.1	3.3

1.5; diarrhoeal, 0.5). Outer Wards—death rates per 1,000 population,

have been included in Bishop's and Prince's Wards, having (50) respectively.

CHANGES IN REGISTRATION OF DEATHS.

The Registrar-General decided to publish from January 1st, 1911, in his annual reports, an analysis of deaths according to administrative areas instead of registration areas as hitherto, and this decision necessitates a complete distribution of the deaths of persons dying away from their homes to the administrative areas in which they had previously resided.

Reports were received quarterly during 1917 from the Registrar-General—a total of 62 deaths—on slips, giving particulars of outside deaths assigned to the Borough, in addition to those reported in the usual way as having occurred in Metropolitan Institutions, which are situated outside the Borough.

The table for the year 1917 (and the previous 5 years) at the end of the Report (Appendix), known as the Local Government Board Table I, shews these corrected statistics of deaths within the Borough (differing slightly, in consequence, from the statistics in the body of the Report), the extra additional figures for the year 1917 being as follows :—

Age Periods.	Males.	Females.	Totals.
0—1 	1	2	3
1—2 	—	—	—
2—5 	—	2	2
5—15 	1	3	4
15—25 	—	—	—
25—45 	6	11	17
45—65 	13	5	18
65 and upwards 	13	5	18
Total all ages 	34	28	62

CAUSES OF THE 62 OUTSIDE DEATHS

Causes of Death.	Male.	Female.
Whooping Cough	—	1
Scarlet Fever	—	1
Influenza	—	—
Phthisis (Pulmonary Tuberculosis)	7	8
Other Tubercular diseases ...	—	2
Cancer, malignant disease ...	3	2
Heart disease	7	4
Bronchitis	—	—
Pneumonia	—	2
Broncho-Pneumonia	—	—
Other Lung diseases	—	1
Nephritis and Bright's disease ...	3	—
Diabetes mellitus	—	1
Violent deaths	2	—
Suicide	1	—
Appendicitis	—	—
Nervous diseases	4	5
Strangulated Hernia	1	—
Diseases of Digestive System ...	1	—
Syphilis	1	—
Wound (gun shot, shrapnel or bomb)	—	—
Not classified above	4	1
	34	28

2.—INFANTILE MORTALITY RATES.

Of the 4,168 corrected deaths, 516 are infants under one year of age. The total number of registered births is 6,869, and, of these, 618 occurred at the Lying-in Hospital, and belong to districts outside the Borough, 66 occurred at the Workhouse and belong to districts outside the Borough, and 688 occurred at the Maternity Hospital and belong to districts outside the Borough. In this way, the corrected number of births (*i.e.*, excluding all non-Lambeth Institutional births) for the Borough is 5,497*. The corrected infantile mortality (*i.e.*, rate of corrected deaths under one year per 1,000 corrected births) is, therefore, 93·9, the annual average for the decennium 1901-10 (Borough) being 122·7. In calculating this corrected infantile mortality it must be remembered that, whilst the institutional births, that belong to outside districts, are subtracted, the births of infants of Lambethian mothers who may happen to be residing outside the Borough at the times of such births are not

*The Registrar-General returns the corrected number of births for the Borough during 1917 as 5232.

added. Taking the uncorrected births and the corrected deaths under 1 year, the infantile mortality rate is 75.1 per 1,000, the annual average for the decennium 1901-10 (Borough), being 114.8.

Taking the uncorrected number of births (6869), and the uncorrected number of deaths under 1 year of age (728), the uncorrected infantile mortality is 105.9, the annual average for the decennium 1901-10 (Borough) being 123.8, and that for the decennium 1891-1900 (Parish) 150.5. The chief causes of these deaths under 1 year are debility, atrophy, and inanition, congenital malformations, measles, whooping-cough, syphilis, bronchitis and other diseases of the respiratory organs, diarrhoea, and prematurity.

In the Registration Sub-Districts, the uncorrected infantile mortality varied from 182.5 per 1,000 births in Kennington to 72.6 in Stockwell (the rates of 89.8 in Lambeth Church, 182.5 in Kennington, and 72.6 in Stockwell, being diluted owing to the fact that these Sub-Districts contain the General Lying-in Hospital, the Workhouse and the Maternity Hospital respectively), thus—

	Total No. of Births (uncorrected) 1917.	Total Deaths under 1 year (uncorrected). 1917.	Infantile Mortality per 1000 births (uncorrected). 1917.
Lambeth Church* ...	2027	182	89.8*
Kennington† ...	893	163	182.5†
Stockwell‡ ...	1888	137	72.6‡
Brixton ...	1178	171	145.2
Norwood ...	883	75	84.9
Lambeth ...	6869	728	105.9

§ Inner Districts—107.01, Outer Districts—104.6.

3.—ZYMOTIC DEATH-RATES.

The zymotic death rate is made up of the total deaths from the seven principal zymotic diseases, viz., smallpox, measles, scarlet fever, diphtheria (including membranous croup) whooping cough, "fever" (including typhus, typhoid or enteric and simple continued or ill-defined) and diarrhoea.

The total number of deaths registered from these diseases is 389—150 strangers belonging to other districts and 239 parishioners who died within the Borough; whilst, in addition, 56 parishioners

*Excluding all the Lying-In Hospital births, the rate is 147.9

†Excluding all the Workhouse births, the rate is 232.5.

‡Excluding all the Maternity Hospital births, the rate is 137.4.

§N.B.—The births and deaths in Stockwell Registration Sub-Districts are divided equally between the Inner and Outer Districts for the purpose of calculating infantile mortality rates for such Districts in this Table.

died from these diseases outside the Borough. Subtracting the strangers and adding the parishioners who died outside the Borough, there is a *corrected* total of 295, giving a zymotic death-rate (corrected) of 1·1 per 1,000 inhabitants. As in the case of the general death-rates, the zymotic death-rates vary in the inner and outer districts, viz., 1·5 as compared with 0·7 per 1,000 population respectively (*vide* Tables D. (1) and D (2)).

The different rates of mortality from different diseases and groups of diseases during 1916 and 1917 are given in terms of the total deaths (corrected) in Table E, whilst Table E gives also the corrected deaths from the chief infantile diseases, expressed in terms of the infantile population (*i.e.*, corrected number of births registered). The tuberculosis corrected death-rate for 1917 is 2·02, *i.e.*, 550 deaths from all forms of tuberculosis per 1,000 population, and the consumption (phthisis) death-rate, 1·5, *i.e.*, 411 deaths from pulmonary tuberculosis or consumption (phthisis) per 1,000 population.

The details of the tuberculosis deaths in the various Registration Sub-Districts are :—

Registration Sub-Districts.	Corrected Deaths from				
	Pul. Tub. or Phthisis (consumpt'n)	Other Forms Tuberculosis.	Total Deaths Tuberculosis (all forms)	Phthisis-rate per 1,000 population.	Tuberculosis rate per 1,000 population.
Lambeth Church	93	34	127	2·2	3·0
Kennington ...	198	31	129	2·2	2·9
Stockwell ...	78	21	99	1·4	1·7
Brixton ...	80	32	112	1·1	1·6
Norwood...	62	21	83	1·05	1·4
Borough of Lambeth	411	139	550	*1·5	†2·02

Rates for Inner Districts ... 2·03* and 2·7†.

Rates for Outer Districts ... 1·1* and 1·5†.

Fourteen of the total corrected deaths registered from tuberculosis (12 from phthisis or the pulmonary form) shew no addresses and have been included in Kennington Sub-District as Workhouse and Workhouse Infirmary deaths.

During the five quinquennia 1891-1895 (Parish), 1896-1900 (Parish), 1901-1905 (Borough), 1906-1910 (Borough), and 1911-1915 (Borough), the yearly averages of total deaths from (a) pulmonary tuberculosis or consumption (phthisis), and (b) tuberculosis (all forms) were (a) 478·8, 496·8, 462·8, 421·6 and 386·8, and (b) 675·0, 690·0, 647·4, 567·4 and 500·0 respectively, representing a steady decline in the tuberculosis death-rates during the last 20 years.

*† In calculating the death rates for the Registration Sub-Districts (Inner and Outer), the deaths registered in Stockwell Sub-District are divided equally between Inner and Outer Stockwell, as has been done in previous Reports.

TABLE E.

Shewing Classification of Causes of Deaths (corrected) in the Borough of Lambeth during 1916 and 1917.

A.—Total Deaths from all causes and at all ages with percentages of such deaths to total deaths (corrected).

CLASS OF DISEASE.	BOROUGH 1916.		BOROUGH 1917.	
	No. of Deaths (cor- rected).	Percent- age of Total Deaths (cor- rected).	No. of Deaths (cor- rected).	Percent- age of Total Deaths (cor- rected).
1.—Zymotic Diseases ...	379	8·9	419	10·05
Seven Principal ...	248	5·9	295	7·1
Influenza	56	1·3	56	1·3
II.—Parasitic	1	0·02	2	0·05
III.—Dietetic	12	0·3	5	0·1
IV.—Constitutional ...	946	22·4	996	23·9
Cancer	370	8·8	363	8·7
Phthisis	387	9·2	411	9·9
Tubercular Diseases, ex- cluding Phthisis ...	101	2·4	139	3·3
Rheumatism (Acute and Chronic) and Gout	22	0·5	23	0·5
V.—Developmental ...	353	8·4	287	6·9
Old Age	210	4·9	166	3·9
VI.—Local Diseases ...	2264	53·7	2212	53·1
Circulatory System ...	605	14·4	636	15·2
Bronchitis	376	8·9	322	7·7
Pneumonia and Bron- cho-Pneumonia ...	244	5·8	297	7·1
Pleurisy and Pleuro- Pneumonia	94	2·2	94	2·2
Respiratory System, ex- cluding Phthisis ...	766	18·2	770	18·5
VII.—Violence	173	4·1	178	4·3
Suicide	24	0·6	22	0·5
VIII.—Other Causes ...	83	1·9	69	1·6

TABLE E.—*continued.*

B.—Deaths (corrected) of Infants under One Year of age from the chief infantile diseases, and from all causes, expressed in terms of 1000 births (corrected).

	BOROUGH 1916.		BOROUGH 1917.	
	Total Deaths under One Year (Corrected)	Proportion to 1000 Births (Corrected).*	Total Deaths under One Year (Corrected).	Proportion to 1000 Births (Corrected).*
From all causes	565	87·8	516	98·6
Diarrhœa	83	12·9	56	10·7
Convulsions	25	3·9	11	2·1
Respiratory Diseases	92	14·3	111	21·2
Premature Births	106	16·5	89	17·01
Tubercular Diseases (including Phthisis) ...	11	1·7	17	3·2
Measles	6	0·9	18	3·4
Whooping Cough	21	3·3	10	1·9
Suffocation in Bed	4	0·6	12	2·3
Enteritis	11	1·7	6	1·1
Dentition	12	1·9	4	0·8

* N.B.—The above rates have been calculated upon the Registrar-General's corrected numbers of births.

TABLE F.

Shewing the number of Deaths (corrected) from the 7 principal zymotic diseases in the Borough of Lambeth during 1917 and during the five previous years 1912-16, together with the yearly averages during the two decennia 1891-1900 (Parish) and 1901-1910 (Borough).

Disease.	1912.	1913.	1914.	1915.	1916.	Total (corrected) Deaths in 1917.	Annual average of ten years 1901-1910 (Borough).	Annual average of ten years 1891-1900 (Parish).
Smallpox	—	—	—	—	—	—	6.8	1.1
Scarlet Fever	9	14	16	17	7	6	31.4	48.8
{ Diphtheria	29	36	50	45	41	48	41.6	124.5
{ Membranous Croup	—	1	—	—	—	—	1.5	6.8
{ Typhus	—	—	—	—	—	—	0.0	0.3
{ Typhoid or Enteric	13	7	15	9	1	3	16.7	34.7
{ Continued and Relapsing	1	—	—	—	—	1	0.7	1.7
Diarrhœa	82	166	196	124	105	91	172.9	196.5
Cholera	1	—	—	—	—	—	1.3	8.8
Measles	97	98	58	91	49	108	110.4	145.6
Whooping Cough	55	47	40	49	45	38	91.8	143.7
Borough of Lambeth ...	287	369	375	335	248	295	475.1	706.1

INFECTIOUS DISEASES.

1.—NOTIFIABLE DISEASES.

Under the Compulsory Notification Clauses of the Public Health (London) Act, 1891, and the Orders and Regulations made thereunder, 6,548 cases of infectious diseases (excluding tuberculosis) were reported, including cerebro-spinal fever, 31, poliomyelitis acuta, 9, ophthalmia neonatorum, 67, whooping cough, 902 measles, 3,224, and German measles, 1,241. These 6,548 cases occurred in 5,544 infected houses, and of the 6,548 cases 1,338, *i.e.*, 20·4 per cent., were removed to hospital, and 5,210, *i.e.*, 79·6 per cent., remained under treatment at their homes. If the included diseases mentioned be excluded so as to make the 1917 figures strictly comparable with those for previous years, the percentage of cases removed to hospital during 1917 was 80·1, as compared with 82·8, 82·8, 67·9, 54·7 and 31·5 for the five quinquennia 1911–15, 1906–10, 1901–5, 1896–1900 and 1891–5, respectively, *i.e.*, since the compulsory notification of infectious diseases came into force under the Public Health (London) Act, 1891.

Full particulars of all the notifiable infectious diseases are to be found in tabular form.

Nursing in connection with Measles, German Measles, Whooping Cough and Ophthalmia Neonatorum cases.

The Council on April 26th, 1917, gave instructions for arrangements to be made with Nursing Organisations, affiliated with the Central Council for District Nursing in London, for the nursing, free of cost, of patients notified or otherwise known to be suffering from Measles and German Measles, Whooping Cough and Ophthalmia Neonatorum, if (and as) required by the Medical Officer of Health and the necessary steps are being taken.*

At present, the routine in Lambeth Borough is for every case of Measles and German Measles, Whooping Cough and Ophthalmia Neonatorum, when notified, to be officially visited and such precautionary measures taken in connection therewith as may be found necessary, including, in the case of Measles, German Measles and Whooping Cough, the systematic exclusion of non-protected contact children (*i.e.*, children who have not previously had the disease) and all contact children under 5 years of age from schools, or, if desirable, the closing of an individual class room or class rooms.† There is no interference with medical treatment by the Council's Officers, but medical attendance is advised in all cases and nursing assistance offered in suitable cases and under certain conditions, free of cost, for the poorer inhabitants of the Borough.

* Temporary arrangements have been made with the South London District Nursing Association (109, North Side, Clapham Common, S.W.), and the Ranyard Nurses (25, Russell Square, W.C.). Such arrangements to come into operation on June 1st, 1918.

† During 1917, 78 Schools (80 class rooms) were dealt with, 875 children being excluded from the Infants' Departments in connection with 235 Measles cases reported.

TABLE G.

Shewing the total numbers of cases of infectious diseases notified *compulsorily* by Medical Practitioners under the Notification Clauses of the Public Health (London) Act, 1891, and the Orders and Regulations made thereunder, in the Borough of Lambeth, during 1917, together with the total numbers of deaths registered from the same diseases, the case mortality per 100 persons for each disease, the numbers of cases removed to hospital, and the numbers of infected houses.

	Cases notified.	Deaths registered.	Case Mortality per 100.	Cases removed to hospital.	Infected houses.	Per cent. of cases removed.
Cholera	—	—	—	—	—	—
Smallpox	—	—	—	—	—	—
Scarlet Fever	340	6	1·8	312	304	91·8
Diphtheria	563	48	8·5	493	469	83·3
Membranous Croup	7	—	0·0	6	7	85·7
Typhus	—	—	—	—	—	—
Typhoid or Enteric	17	3	17·7	14	16	82·4
Continued and Relapsing Fever	3	1	33·3	1	3	33·3
Erysipelas... ..	130	4	3·1	21	123	16·1
Puerperal Fever	14	8	57·1	13	14	92·8
*Plague	—	—	—	—	—	—
*Cerebro-Spinal Fever	31	16	51·6	24	29	77·4
*Poliomyelitis acuta	9	2	22·2	4	9	44·4
*Ophthalmia Neonatorum	67	—	0·0	—	67	—
*Whooping Cough	902	38	40·1	45	698	4·9
*†Measles	3,224	108	3·3	378	2,775	11·7
*†German Measles	1,241	—	0·0	27	1,030	2·2
*Tuberculosis—						
Pulmonary (primary)	1086	411	37·8	—	1,086	—
Non-pulmonary (primary)	444	139	31·3	—	444	—
*Chickenpox	—	—	—	—	—	—
Totals	8,078	784	9·7	1,338	7,074	16·6

* Plague was made compulsorily notifiable on September 19th, 1900, Cerebro-Spinal Fever on March, 12th 1907, Poliomyelitis acuta on September 1st, 1911, Ophthalmia Neonatorum on March 13th, 1911, and Tuberculosis (all forms) on February 1st 1913. Chicken-Pox was compulsorily notifiable as follows: 1902 (February 7th to December 31st), 1903 (January 1st to 6th), 1904 (April, 8th to November 8th), and 1911 (March 22nd to June 22nd), and 1915 (March 17th to June 30th), the numbers of cases notified being respectively, 1,560, 40, 556, 238, and 473. Whooping Cough was compulsorily notifiable from January 1st, 1913 to December 31st, 1917, the numbers of cases notified being as follows:—1913, 1,428; 1914, 1,389; 1915, 1,607; 1916, 1,576; and 1917, 902. Measles and German Measles became compulsorily notifiable on January 1st, 1916.

† Including 50 Military Measles and 50 Military German Measles cases. 106 Measles cases were notified by parents (or relatives), in addition to the above.

TABLE G (1).

Shewing the number of medical Certificates for the compulsorily Notifiable Infectious Diseases under the notification clauses of the Public Health (London) Act, 1891, or the Orders and Regulations made thereunder, received in the Borough of Lambeth during 1917 and during the five years 1912-1916, together with the averages for the two decennia 1891-1900 (Parish) and 1901-1910 (Borough).

Disease.	BOROUGH OF LAMBETH.						Annual Average, 1901-10 (Borough) 10 years.	Annual Average, 1891-1900 (Parish) 10 years.
	1912.	1913.	1914.	1915.	1916.	1917.		
Cholera	—	—	—	—	—	—	0·2	11·5
Smallpox	—	—	—	—	—	—	49·9	22·0
Scarlet Fever	604	1,370	1,745	900	501	340	1105·1	1331·3
Diphtheria	328	385	550	434	432	563	379·8	715·1
Membranous Croup	5	7	6	4	4	7	10·4	26·2
Typhus	—	—	—	—	—	—	0·1	1·1
Typhoid or Enteric	61	38	48	32	19	17	100·5	189·6
Continued and Relapsing	1	2	2	—	—	3	4·1	25·7
Erysipelas	216	206	231	177	122	130	241·4	347·0
Puerperal	24	25	23	26	20	14	17·0	18·9
*Plague... ..	—	—	—	—	—	—	—	—
*Cerebro-spinal Fever... ..	7	7	5	44	38	31	11·5	—
*Poliomyelitis acuta	10	6	10	4	12	9	—	—
*Ophthalmia Neonatorum	76	57	57	73	83	67	—	—
*Whooping Cough	—	1,428	1,389	1,607	1,576	902	—	—
*Measles	—	—	—	—	2,548	3224	—	—
*German Measles	—	—	—	—	1,212	1241	—	—
*Tuberculosis—								
Pulmonary (primary)	1,822	1,571	1,250	1,020	904	1,086	—	—
Non-pulmonary (primary)	—	456	273	298	362	444	—	—
*Chickenpox	—	—	—	473	—	—	—	—
Totals	3,154	5,558	5,589	5,092	7,833	8,078	1912·5	2658·4

*Plague was made compulsorily notifiable on September 19th, 1900, Cerebro Spinal Fever ("Spotted Fever") on March 12th, 1907, Poliomyelitis acuta on September 1st, 1911; Ophthalmia Neonatorum on March 13th, 1911, Pulmonary Tuberculosis (Poor Law cases) on Jan. 1st, 1909, Pulmonary Tuberculosis (Hospital cases) on May 1st, 1911, Pulmonary Tuberculosis (Private cases) on Jan. 1st, 1912, and Tuberculosis (Pulmonary and Non-pulmonary) on February 1st, 1913, Whooping Cough on January 1st, 1913, and Measles and German Measles on January 1st, 1916, whilst Chicken-pox was compulsorily notifiable as follows:—1902 (February 7th to December 31st), 1903 (January 1st to 6th), 1904 (April 8th to November 8th), 1911 (March 22nd to June 22nd) and 1915 (March 17th to June 30th).

N.B.—Of the patients removed to Hospital, the following were reported not to be suffering from the diseases notified:—Scarlet fever 9; diphtheria 9; typhoid or enteric 4; cerebro-spinal fever 4 and Measles 1.

METROPOLITAN BOROUGH OF LAMBETH.

TABLE

PUBLIC HEALTH (TUBERCULOSIS)

Summary of Notifications received during the period from the 29th

Age-Periods.	Number of Notifications on Form A.												*Total Notifications (i.e., including cases previously notified by other Doctors). (Medical.)
	Primary Notifications. (Medical.)											Total.	
	0 to 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 35.	35 to 45.	45 to 55.	55 to 65.	upwards.		
Pulmonary—													
Males ...	2	6	27	25	52	102	190	141	92	43	12	692	792
Females ...	—	13	25	28	31	42	111	69	33	17	15	384	453
Non-Pulmonary—													
Males ...	1	29	64	47	23	18	16	11	6	2	3	220	233
Females ...	3	22	63	45	16	11	20	7	4	3	6	197	215

* Re-notifications (Form A)=169 (males 100, females 69), pulmonary and 31

† Re-notifications (Form B)=2 (male 0), (female 2), non-pulmonary.

N.B.—Pulmonary—330 private, 426 hospitals, 320 dispensaries, 0 Poor Law A and B).

Non-Pulmonary—60 private, 144 hospitals, 212 dispensaries, 1 Poor Law B).

H.

REGULATIONS, 1912.

31st December, 1916, to the end of the week ending December, 1917.

Number of Notifications on Form B.				†Total Notifications (i.e., including cases previously notified by other Doctors). (Medical.)	Number of Notifications on Form C.		Number of Notifications on Form D.	
Primary Notifications (Medical.)					Cases admitted to		Cases discharged from	
Under 5.	5 to 10.	10 to 15.	Total.	Poor Law Institutions. (Medical.)	Sana-toria.	Poor Law Institutions. (Medical.)	Sana-toria.	
—	3	2	5	5	4	127	10	115
—	3	2	5	5	2	102	7	78
—	13	5	18	18	18	15	9	12
—	5	4	9	11	7	23	4	24

(males 13, females 18) non-pulmonary.

Officers and 10 schools=1086 total primary notifications (Forms

Officer and 29 schools=446 total primary notifications (Forms A and

METROPOLITAN BOROUGH OF LAMBETH.

TABLE H (1).

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notification Certificates (Forms A, B, C, D,) received during the period from December 31st, 1916, to the end of the week ending December 29th, 1917.

Wards. 1917.	TUBERCULOSIS (ALL FORMS.)															
	Pulmonary.								Non-Pulmonary.							
	A.		B.		C.		D.		A.		B.		C.		D.	
	Primary.	Total.	Primary.	Total.	Poor Law.	Sanatorium.	Poor Law.	Sanatorium.	Primary.	Total.	Primary.	Total.	Poor Law.	Sanatorium.	Poor Law.	Sanatorium.
Marsh	120	129	—	—	—	7	4	12	42	45	7	7	—	4	—	4
Bishop's	125	144	1	1	2	29	5	20	43	48	2	2	22	7	11	6
Prince's	120	145	2	2	1	19	3	19	34	35	6	7	—	7	—	6
Vauxhall	83	94	—	—	—	18	—	22	29	29	6	6	—	3	—	3
TOTAL INNER WARDS ...	448	512	3	3	3	73	12	73	148	157	21	22	22	21	11	19
Stockwell	106	125	—	—	—	28	—	26	48	52	2	2	—	5	1	3
Brixton	206	235	2	2	1	42	3	30	53	58	1	1	—	4	—	4
Herne Hill	103	134	2	2	—	37	—	30	52	56	1	1	—	3	—	3
Tulse Hill	130	145	2	2	1	37	—	29	59	62	2	3	—	2	—	2
Norwood	83	94	1	1	1	12	2	5	57	63	—	—	3	3	1	5
TOTAL OUTER WARDS ...	628	733	7	7	3	156	5	120	269	291	6	7	3	17	2	17
Borough of Lambeth...	1076	1,245	10	10	6	229	17	193	417	448	27	29	25	38	13	36

METROPOLITAN BOROUGH OF LAMBETH.

TABLE H (2).

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notification Certificates (Forms A, B, C, D,) received during the period from December 31st, 1916, to the end of the week ending December 29th, 1917.

Registration Sub-Districts.	TUBERCULOSIS (ALL FORMS).															
	Pulmonary.								Non-Pulmonary.							
	A.		B.		C.		D.		A.		B.		C.		D.	
1917.	Primary.	Total.	Primary.	Total.	Poor Law.	Sanatorium.	Poor Law.	Sanatorium.	Primary.	Total.	Primary.	Total.	Poor Law.	Sanatorium.	Poor Law.	Sanatorium.
Forms.																
{ Waterloo	120	129	—	—	—	7	4	12	42	45	7	7	—	4	—	4
{ Lambeth Church	105	124	1	1	1	19	2	12	28	33	2	2	16	7	6	4
Kennington	140	165	2	2	2	29	6	27	49	50	6	7	6	7	5	8
Stockwell (Inner)	83	94	—	—	—	18	—	22	29	29	6	6	—	3	—	3
TOTAL INNER DISTRICTS ...	448	512	3	3	3	73	12	73	148	157	21	22	22	21	11	19
Stockwell (Outer)	106	125	—	—	—	28	—	26	48	52	2	2	—	5	1	3
Brixton	309	369	4	4	1	79	3	60	105	114	2	2	—	7	—	7
Norwood	213	239	3	3	2	49	2	34	116	125	2	3	3	5	1	7
TOTAL OUTER DISTRICTS ...	628	733	7	7	3	156	5	120	269	291	6	7	3	17	2	17
Borough of Lambeth... ..	1,076	1,245	10	10	6	229	17	193	417	448	27	29	25	38	13	36

TABLE I.

LAMBETH MUNICIPAL TUBERCULOSIS DISPENSARIES SCHEME.

(Inaugurated by the Council, 1912.)

Local Government Board Table—FORM R.

RETURN AS TO WORK CARRIED OUT IN CONNECTION WITH THE TWO TUBERCULOSIS DISPENSARIES (CENTRAL AND BRANCH) FOR THE PERIOD FROM JANUARY 1ST TO DECEMBER 31ST, 1917.

	CENTRAL DISPENSARY.					BRANCH DISPENSARY.					TOTALS.
	Insured.		Uninsured.			Insured.		Uninsured.			
	Males.	Females.	Childr'n under 16.	Adults.		Males.	Females.	Childr'n under 16.	Adults.		
				Males.	Fe- males.				Males.	Fe- males.	
1. (a) Number of persons examined for the first time during the above period at or in connection with the Dispensaries	311	79	233	63	158	209	138	232	27	142	1592
(b) Number included under 1 (a) who were found to be suffering from pulmonary tuberculosis	109	37	21	18	28	82	35	9	13	33	385
(c) Number included under 1 (a) who were found to be suffering from non-pulmonary tuberculosis	2	5	133	2	8	8	14	57	1	9	239
(d) Number included under 1 (a) who were found to be non-tuberculous*	72	10	50	9	56	71	58	100	6	67	499
(e) Number included under 1 (a) in whom the diagnosis was found to be doubtful	128	27	29	34	66	48	31	66	7	33	469

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	CENTRAL DISPENSARY.		BRANCH DISPENSARY.		TOTALS.
	Insured.	Uninsured.	Insured.	Uninsured.	
2. (a) Total attendances at the Dispensary (including attendances at the Dispensary of persons included under 1 (a))	2892	5626	2458	2733	13709
(b) Number of the above attendances at which systematic physical examinations and records were made	618	860	683	833	2994
3. Number of visits to patients at their own homes by the Dispensary Medical Officers in connection with the supervision of home conditions†	19	90	—	—	109
4. Number of visits to patients at their own homes by the Dispensary Nurses in connection with the supervision of home conditions and "following up"‡	604		1029		1633
5. Number of persons suffering from or suspected to be suffering from tuberculosis referred to the Hospital to which the Dispensary is affiliated	15	10	103	112	240
6. Number of consultations with the—					
(a) Medical Adviser of the Insurance Committee	—	—	—	—	—
(b) Consulting Physicians at the Hospital to which the Dispensary is affiliated	—	—	—	—	—
(c) Practitioners at the homes of patients‡	4	5	—	—	9
7. Number of written reports concerning individual patients made to—					
(a) Public Authorities	445	182	362	89	1078
(b) Practitioners	310	99	211	69	689
8. Number of specimens examined	316	146	103	90	655

* From physical signs.

† Under the Lambeth Scheme, the Tuberculosis Medical Officer connected with the Branch Dispensary (St. Thomas's Hospital) does not visit at the patients' own homes, such visit to be paid, as required, by the Medical Officer connected with the Central Dispensary (73 Effra Road, Brixton).

‡ These numbers are approximate only, no exact figures for the Branch Dispensary being available, proper records not having been kept during the first half of the year 1917. Other visits, in addition, were made during 1917 by the Council's Health Visitors to houses, wherein tuberculosis patients were notified, as follows:—(a) area covered by the Central Dispensary, 1060; (b) area covered by the Branch Dispensary, 914; making a total of 1974.
N.B.—Nurse Mary S. Angus resigned her appointment as tuberculosis nurse at the Central Dispensary during 1917, and was succeeded by Nurse Cissy Small, appointed temporarily on April 26th, 1917, and permanently on October 19th, 1917.

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TABLE

Local Government Board Table.

BOROUGH OF LAMBETH. — Particulars of cases of acute notified within the Borough

	Total number of Cases notified.	NUMBER OF					
		0-1 year.		1-5 years.			
		M.	F.	M.	F.		
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
† Acute Polio-myelitis (Polio-encephalitis)	8	—	2	1	—	3	3
‡ Cerebro-Spinal Fever	25	4	2	4	3	2	7
Number of cases removed to Isolation Hospital.		*i.e., Recovered					
† Acute Polio-myelitis (Polio-encephalitis)		—	2	—	—	—	1
‡ Cerebro-Spinal Fever		3	4	3	—	—	7

N.B.—There were, in addition, during 1917, 7 military cases notified, 1 acute polio-myelitis (polio-encephalitis) case, and one cerebro-spinal fever case.

† Not including a death of a female child (5 years of age), who died at with whom an inquest was held and a verdict registered by the Coroner previously or subsequently received from a medical man.

‡ Including a death of a female child (9 months old), who died at connection with whom an inquest was held and a verdict registered by the notified by the medical man in attendance upon the child during its life.

J.

polio-myelitis, (polio-encephalitis) and cerebro-spinal fever, of Lambeth, during 1917.

CASES (excluding Military Cases).											
		5-10 years.		10-15 years.		15-20 years.		20-30 years.		Over 30 years.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1	1	—	—	2	1	1	—	—	—	—	—
—	—	2	2	3	1	—	—	—	—	2	1
with permanent Paralysis of one or more groups of muscles.											
1	—	—	—	1	—	—	—	—	—	—	—
—	—	2	—	3	—	—	—	—	2	—	—

polio-myelitis (polio-encephalitis) and 6 cerebro-spinal fever. The acute died. All the military cases were treated in hospital.

St. Thomas's Hospital, suddenly, on February 14th, 1917, and in connection of "death from acute polio-myelitis," no notification certificate having been

Belgrave Children's Hospital, suddenly, on December 30th, 1916, and in Coroner of "death from cerebro-spinal fever," the case being afterwards

2.—NON-NOTIFIABLE DISEASES.

CHICKENPOX.

524 cases of chickenpox were notified voluntarily.

DIARRHŒA.

There has been a marked decrease in the number of corrected deaths registered from diarrhœa—91, as compared with yearly averages of 191·6, 219·4, 208·6, 140·2 and 178·2 during the five quinquennia 1891-1895, 1896-1900, 1901-1905, 1906-1910 and 1911-1915, respectively. Of the 91 deaths registered during 1917, 71, *i.e.*, 78·02 per cent., occurred amongst children under 5 years of age 56, *i.e.*, 61·5, amongst infants under 1 year of age.

The 4 ft. earth thermometer first registered 56° F. on June 12th, rising to a maximum of 61·8° F. on August 8th, on one occasion only, and remaining at such maximum, and sinking to 56° F. again on October 12th. The readings of the 4 ft. earth thermometer were taken in Regent's Park, and the information was obtained through the courtesy of the Secretary of the Royal Botanical Society.

23 corrected deaths (6 infants under 1 year of age) were registered from enteritis.

Practical measures were again taken to prevent epidemic diarrhœa (and other diseases) in infants and to promote hygienic conditions in their feeding and environment, as follows:—

- (a) Visiting of houses wherein births were notified under the Notification of Births Act, 1907, or wherein deaths were registered as having occurred from epidemic diarrhœa ;
- (b) Teaching of proper feeding and care and management of infants at the Infants Consultations Centre held at 66, York Road, and at the various other Welfare Centres, which comprise the Lambeth Maternity and Child Welfare Scheme ;
- (c) Issuing of special leaflets or posters during the summer, dealing with (1) precautions to be taken against summer diarrhœa, (2) the danger of the areas of infection and the contamination of food by flies, (3) the importance of removing at once all accumulations of refuse and other offensive matters from the neighbourhood of dwellings, (4) the value of cleanliness generally, &c.
- (d) Feeding of Infants and young children at the Municipal Milk Depôt, 66, York Road.

3.—“ CONTACTS ” OR “ SUSPECTS ” AND “ CONVALESCENTS ”
(MILITARY).

Many “ contacts ” or “ suspects ” and “ convalescents ” (military) were watched in connection with different diseases as follows:—

- (a) *Cerebro-spinal or “ Spotted ” Fever (Epidemic Cerebro-spinal Meningitis)*, 5.
- (b) *Enteric or Typhoid Fever*, 22.
- (c) *Plague*, 3.
- (d) *Dysentery*, 26.

MUNICIPAL BACTERIOLOGICAL LABORATORY.

(Inaugurated by the late Vestry, 1899.)

Table shewing the numbers of pathological samples examined and the results obtained, at the Bacteriological Laboratory during 1917 and the previous 5 years 1912-1916, together with the averages for the 10 years 1901-1910 (Borough).

Year.	SPUTA. Suspected Tuberculosis. Tub.Bac.found.			BLOOD. Suspected Typhoid or Enteric Fever. Reaction obtained.			THROAT & NOSE. Membranes and Secretions. Suspected Diphtheria. Klebs-Lœffler Bac. found.			Other Sundry Samples. Result obtained.		
	Pos.	Neg.	Total	Pos.	Neg.	Total	Pos.	Neg.	Total	Pos.	Neg.	Total
1917	77	363	440	4*	9	13	32	468	500	2	8	10†
1916	126	346	472	5	23	28	33	407	440	—	6	6*
1915	155	390	545	12	34	46	99	937	1036	8	24	32
1914	411	733	1144	14	28	42	108	730	838	6	12	18
1913	614	870	1484	12	35	47	130	867	997	18	19	37
1912	296	305	601	31	26	57	55	442	497	12	10	22
Average of 10 years 1901-1910 (Borough)	62.8	124.4	187.2	19.4	39.6	59.0	36.6	448.6	485.2	3.7	9.1	12.8

* Two of the cases were paratyphoid B.

† Swabs for meningococcus, 4 (negative); cerebro-spinal fluid for meningococcus, 4 (1 positive and 3 negative); emycema pus for tubercle bacillus, 1 (negative); and faeces for tubercle bacillus, bacillus typhosus or Shiga bacillus, 1 (Shiga bacillus found). 40 vials of antitoxin were distributed free of cost during 1917, under the Antitoxin Order, 1910.

N.B.—Since the Bacteriological Laboratory was inaugurated in 1899 (up to the end of the year 1917), 20364 examinations have been conducted there in connection with the following suspected diseases, viz.:—tuberculosis, 7,463; typhoid or enteric fever, 1,117; diphtheria, 11,472; and others, 312.

TABLE K

[Local Government Board Old Table A.]

TABLE of DEATHS during the year 1917 in the Borough of Lambeth,

NAMES OF LOCALITIES adopted for the purpose of these Statistics, public institutions being shewn as separate localities.	MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.									(k)
	At all ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Royal Infirmary (Women and Children) ...	83	28	14	11	13	2	7	7	1	Under 5 5 upwds.
King George Hospital ...	271	—	—	—	115	146	10	—	—		Under 5 5 upwds.
General Lying-in Hospital, York Road ...	36	29	—	1	1	4	—	—	—	Under 5 5 upwds.
St. Thomas's Hospital ...	566	68	25	35	52	48	129	149	60	Under 5 5 upwds.
Remainder of Lambeth Church ...	343	57	33	20	19	13	43	74	84	Under 5 5 upwds.
Lambeth Workhouse ...	20	—	—	—	—	—	2	18	1	Under 5 5 upwds.
Lambeth Infirmary ...	1396	112	46	47	35	60	191	430	475	Under 5 5 upwds.
St. Peter's House ...	43	—	—	—	—	—	2	41	1	Under 5 5 upwds.
Remainder of Kennington	291	51	8	13	6	8	37	80	88	Under 5 5 upwds.
South-Western Hospital	151	13	17	44	54	10	12	1	—	Under 5 5 upwds.
Clapham Maternity ...	40	35	—	—	3	2	—	—	—	Under 5 5 upwds.
Remainder of Stockwell	479	89	24	13	9	11	47	116	170	Under 5 5 upwds.

TABLE K.

classified according to DISEASES, AGES, and LOCALITIES.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Total.
Scarlatina.	Diphtheria.	FEVERS.	Puerperal.	Enteric or Typhoid.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Influenza.	Injuries.	Cerebro-Spinal and Poliomyel.	Appendicitis.	All other Diseases.	Total.
—	2	—	—	—	—	1	7	—	1	11	—	—	—	3	2	—	26	53
—	—	—	—	—	—	—	—	1	1	6	4	—	—	—	—	—	18	30
—	—	—	—	—	—	—	—	—	—	4	10	4	—	232	1	—	20	271
—	—	1	—	—	—	—	—	—	—	1	—	—	—	1	—	—	28	30
—	6	—	—	—	3	1	8	—	—	18	—	—	—	14	7	—	71	128
—	1	3	1	—	1	—	2	—	18	16	37	—	—	62	8	23	266	438
—	1	—	—	—	23	6	3	—	—	28	—	—	—	9	—	—	40	110
—	—	—	—	—	4	—	—	1	32	46	43	3	29	—	—	—	75	233
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	5	14	—	—	—	—	—	1	20
—	1	—	—	3	11	7	47	—	5	60	1	—	5	2	—	63	205	
—	—	6	—	4	1	1	—	1	251	106	235	—	26	3	2	555	1191	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	12	8	1	—	—	—	—	—	—
—	—	—	—	—	11	5	8	—	—	19	—	—	—	2	—	—	27	72
6	36	—	—	16	3	1	—	—	26	55	37	6	5	—	—	—	89	219
12	27	6	3	1	1	—	—	—	—	1	1	1	—	1	10	—	2	74
—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	10	—	13	77
—	—	3	—	—	—	—	—	—	—	1	—	—	—	—	—	—	33	35
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	5
—	—	—	—	12	4	5	—	—	45	34	—	1	5	1	—	64	126	
—	—	—	—	2	—	1	—	—	—	75	63	9	12	—	1	144	353	

TABLE K.

[Local Government Board Old Table A.]

TABLE of DEATHS during the year 1917 in the Borough of Lambeth,

NAMES OF LOCALITIES adopted for the purpose of these Statistics, public institutions being shewn as separate localities.	MORTALITY FROM ALL CAUSES AT SURJOINED AGES.									(k)
	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
(a)	At all ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
King's College Hospital	206	33	12	16	32	18	33	40	22	Under 5 5 upwds.
Belgrave Hospital ...	89	58	11	10	10	—	—	—	—	Under 5 5 upwds.
1st London General Hospital ...	74	—	—	—	24	46	4	—	—	Under 5 5 upwds.
4th London General Hospital ...	73	—	—	—	25	40	8	—	—	Under 5 5 upwds.
Remainder of Brixton ...	621	80	16	24	12	19	52	164	254	Under 5 5 upwds.
Lambeth Workhouse Schools ...	52	24	12	12	4	—	—	—	—	Under 5 5 upwds.
British Home of Incurables ...	6	—	—	—	—	—	—	4	2	Under 5 5 upwds.
Remainder of Norwood	534	51	20	17	15	21	57	121	232	Under 5 5 upwds.
TOTALS ...	5374	728	238	263	262	378	846	1212	1447	Under 5 5 upwds.

The subjoined numbers have also to be

Deaths occurring outside the district among persons belonging thereto ...	769	56	25	29	26	35	140	215	243	Under 5 5 upwds.
Deaths occurring within the district among persons not belonging thereto ...	1975	268	81	117	140	260	489	398	222	Under 5 5 upwds.

TABLE K.

classified according to DISEASES, AGES, and LOCALITIES.

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Scarlatina.	Diphtheria.	FEVERS.																
		Puerperal.	Continued.	Enteric or Typhoid.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Influenza.	Injuries.	Cerebro-Spinal and Poliomyel.	Appendicitis.	All other Diseases.	Total.
—	2	—	—	—	—	—	8	—	—	5	4	1	—	10	3	1	32	61
—	1	—	—	—	—	—	—	—	—	—	5	15	—	41	1	7	70	145
—	—	—	—	—	—	1	1	13	—	1	19	—	—	—	3	—	41	79
—	1	—	—	—	—	—	—	—	—	—	2	—	—	1	2	—	4	10
—	—	—	—	—	—	—	—	—	—	—	10	2	1	—	—	—	14	74
—	—	—	—	—	—	—	—	—	—	1	9	12	—	—	—	—	—	—
—	1	—	1	—	6	5	8	—	—	29	—	2	—	27	—	—	63	120
—	—	—	—	—	1	1	4	5	46	107	109	13	9	—	—	—	206	501
—	—	—	—	—	—	7	—	9	—	—	11	1	—	—	—	—	20	48
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	4
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	2	—	—	—	—	12	6	3	—	1	22	1	—	—	—	—	5	6
—	1	—	—	—	—	—	1	—	—	45	68	96	18	8	—	—	39	88
6	51	—	1	—	3	102	39	119	—	8	258	4	3	57	28	1	549	1229
12	31	19	—	6	5	10	5	7	11	493	528	668	52	497	25	38	1738	4145

taken into account in judging of the above records of mortality.

1	7	—	—	—	17	5	4	—	2	23	1	—	1	2	—	47	110	
—	5	3	—	1	2	1	—	15	—	76	68	105	3	40	—	339	659	
4	28	—	—	3	21	9	52	—	4	76	3	—	17	17	1	231	466	
9	18	14	—	4	3	1	2	2	2	164	88	139	2	400	20	35	606	1509

TABLE L.

Table of Civil Population, Total Registered Births and New Cases of Infectious Sickness, coming to the knowledge of the Medical Officer of Health (by notification), during the year 1917, in the [Local Government Board Old Table B.]

Registration Sub-Districts.	Population at all Ages.		Total Registered Births 1917.	New Cases of Sickness in each the knowledge of the Medical during							
	Census 1911.	Estimated 1917. [Civil Population.]		1	2	3	Fevers.			7	8
				Scarlatina.	Diphtheria.	Membranous Group.	Typhoid or Enteric.	Continued & Relapsing.	Puerperal.	Erysipelas.	Cerebro-spinal Fever.
(a)	(b)	(c)	(d)								
LAMBETH CHURCH	47910	41993	2027	74	168	2	3	—	2	30	15
KENNINGTON ...	48609	43475	893	36	90	—	2	—	3	21	6
STOCKWELL ...	62608	56992	1888	79	96	2	5	—	2	21	3
BRIXTON ...	76650	71052	1178	103	104	3	6	—	3	41	4
NORWOOD ...	62281	55526	883	48	105	—	1	3	4	17	3
Totals ...	298058	272038	6869	340	563	7	17	3	14	130	31

N.B.—In addition to the above new cases of infectious sickness coming to cation under the Notification Clauses of the Public Health (London) Act, 1891, notified voluntarily, viz.: Chicken Pox 524, Measles 763 and Whooping

TABLE L.

of Infectious Sickness, coming to the knowledge of the Medical Borough of Lambeth, classified according to Diseases and Localities.

Locality, coming to Officer of Health 1917.					Number of such Cases removed from their Homes in the several Localities for Treatment in Isolation Hospital during 1917.												
9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13
Folio-myelitis Acuta.	Ophthalmia.	Whooping Cough.	Measles.	German Measles.	Scarlatina.	Diphtheria.	Membranous Group.	Fevers.			Erysipelas.	Cerebro-spinal Fever.	Folio-myelitis Acuta.	Ophthalmia.	Whooping Cough.	Measles.	German Measles.
								Typhoid or Enteric.	Continued & Relapsing.	Puerperal.							
4	21	155	707	326	74	159	2	2	—	2	6	10	3	—	10	51	4
2	11	167	584	209	36	85	—	2	—	2	3	6	2	—	16	59	3
1	12	206	599	199	75	90	1	4	—	3	4	3	—	—	8	48	3
1	19	168	618	202	86	80	3	5	—	2	5	2	—	—	7	207	14
1	4	206	716	305	41	79	—	1	1	4	3	3	—	—	4	13	3
9	67	902	3224	1241	312	493	6	14	1	13	21	24	5	—	45	378	27

the knowledge of the Medical Officer of Health by compulsory medical notification or the Orders and Regulations made thereunder, the following cases were Cough 368.

TABLE I.

VITAL STATISTICS OF THE BOROUGH OF LAMBETH DURING 1917 AND PREVIOUS FIVE YEARS (1912-16).

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN DISTRICT.		TRANSFERABLE DEATHS.†		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected. Number.	Nett.		Number. *	Rate.	of Non-residents registered in the District. †	of Residents not registered in the District. ‡	Under 1 Year of Age.		At all Ages.	
			Number. †	Rate.					Number. *	Rate per 1,000 Nett Births.	Number. *	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1912	297550	8168	6953	23·3	4189	14·1	823	634	600	86·3	4000	13·4
1913	297139	8341	7238	24·4	4476	15·1	883	780	737	74·2	4373	14·7
1914	297094	8188	7022	23·6	4630	15·6	1008	745	734	104·5	4367	14·7
1915	284188	7878	6573	23·1	5323	18·7	1313	762	685	97·6	4772	16·8
§1916	283729	7980	6435	22·7	5515	19·4	1929	693	567	88·1	4279	15·1
§1917	272038	6869	5208	19·1	5374	19·7	1975	831	519	99·6	4230	15·5

§N.B.—The populations estimated for 1915, 1916 and 1917 are the civil populations only.

NOTES.—This Table is arranged to show the gross births and deaths in the Borough, and the births and deaths properly belonging to it with the corresponding rates. For years before 1911 the corrected rates are slightly different. The rates are calculated per 1000 of the estimated gross population, and no deductions have been made from the population for large Public Institutions for the sick or infirm.

*In Column 6 are included the whole of the deaths registered during the year as having actually occurred within the Borough.

In Column 12 is entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by the addition of the deaths under 1 included in the number given in Column 9.

†Columns 8 and 9 are prepared from the returns made by the local Registrars of Deaths in accordance with the rule in the next paragraph; the Registrar-General supplied the particulars of extra transferable deaths (62) to be entered in Column 9; and all such deaths are included in this Column, unless an error

has been detected, and its correction has been accepted by the Registrar-General. For Column 4 the Registrar-General has furnished a statement of the number of births needing to be added to or subtracted from the total supplied by the local Registrar (1751 outward and 90 inward transfers).

“Transferable Deaths” are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence, e.g., casuals, are not included in Columns 8 or 9, except in certain instances. In Column 8 the number of transferable deaths of “non-residents” which are deducted and in Column 9 the number of deaths of “residents” registered outside the district which are added are stated in calculating the nett death-rate of the Borough.

Census, 1911. { Area of Borough in acres (exclusive of area covered by water), 4079·6
Average number of persons per house (estimated), 67.
Number of inhabited houses, 44123.
Total population at all ages, 298058.

TABLE II.

CASES OF INFECTIOUS DISEASE NOTIFIED WITHIN THE BOROUGH OF LAMBETH DURING THE YEAR 1917.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH LOCALITY. (e.g., Parish or Ward) of the District.					TOTAL CASES REMOVED TO HOSPITAL.	
	At all Ages.	At Ages—Years.							Lambeth Church.	Kennington.	Stockwell.	Brixton.	Norwood.		
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwds.							
Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous Croup)	570	13	178	253	64	57	5	—	170	90	98	107	105	—	493
Erysipelas	130	3	4	9	18	28	46	22	30	21	21	41	17	—	21
Scarlet Fever	340	2	82	193	38	24	1	—	74	36	79	103	48	—	312
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	17	—	3	3	3	8	—	—	3	2	5	6	1	—	14
Relapsing Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued Fever	3	—	—	1	—	—	2	—	—	—	—	—	—	—	1
Puerperal Fever... ..	14	—	—	—	3	11	—	—	2	3	2	3	4	—	13
Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis*	1076	2	19	105	227	511	185	27	225	140	189	309	213	—	—
Other Forms of Tuberculosis†... ..	417	4	51	216	68	54	15	9	70	49	77	105	116	—	—
Cerebro-spinal Fever	31	9	13	2	4	3	—	—	15	6	3	4	3	—	24
Polio myelitis acuta	9	2	3	1	2	1	—	—	4	2	1	1	1	—	4
Ophthalmia Neonatorum	67	67	—	—	—	—	—	—	21	11	12	19	4	—	—
Whooping Cough‡... ..	902	96	476	319	2	8	1	—	155	167	206	168	206	—	45
Measles §	3224	99	1211	1742	95	72	5	—	707	584	599	618	716	—	378
German Measles §	1241	22	205	518	266	217	12	1	326	209	199	202	305	—	27

Isolation Hospitals, Name and Situation—Hospitals of the Metropolitan Asylums Board (one situated in the Brixton Sub-District and Stockwell Ward of the Borough of Lambeth). Total available beds provided by the Board—8555. Number of Diseases that can be concurrently treated—All usual notifiable infectious diseases and (partly) Measles and Whooping Cough.

* Excluding all renotifications (169) of pulmonary tuberculosis, and notifications under Form C (235) and under Form D (210) of the 1912 Regulations.

† Excluding all renotifications (33) of non-pulmonary tuberculosis, and notifications under Form C (63) and under Form D (49) of the 1912 Regulations.

‡ Whooping Cough became compulsorily notifiable within the Borough of Lambeth on January 1st, 1913, for a period of 5 years.

§ Measles and German Measles became compulsorily notifiable within the Borough of Lambeth on January 1st, 1916.

CAUSES OF, AND AGES AT, DEATH (CORRECTED) DURING THE YEAR 1917.
BOROUGH OF LAMBETH.

CAUSES OF DEATH.	NET DEATHS AT THE SUBJOINED AGES OF " RESIDENTS " WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT (a).									TOTAL DEATHS WHETHER OF " RESIDENTS " OR " NON-RESIDENTS " IN INSTITUTIONS IN THE DISTRICT (b).
	All ages.	Under 1 year	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	
1	2	3	4	5	6	7	8	9	10	11
All causes { Certified (c) } 4168 ...	3851	463	174	162	131	134	453	951	1383	3106
{ Uncertified } ...	317	53	8	13	17	19	44	78	85	
Typhus Fever ...	—	—	—	—	—	—	—	—	—	—
Enteric Fever ...	3	—	—	—	1	—	1	—	1	4
Continued Fever ...	1	1	—	—	—	—	—	—	—	—
Small-pox ...	—	—	—	—	—	—	—	—	—	—
Measles ...	108	18	41	39	9	1	—	—	—	42
Scarlet Fever ...	6	—	1	2	3	—	—	—	—	18
Whooping Cough ...	38	10	10	15	3	—	—	—	—	15
Diphtheria and Croup (See note (d)) ...	48	3	5	22	18	—	—	—	—	77
Influenza ...	56	1	1	1	1	2	3	16	31	3
Erysipelas ...	4	—	—	—	—	—	1	2	1	7
Cerebro-Spinal Fever ...	16	6	3	3	3	1	—	—	—	49
Polio-myelitis acuta ...	2	1	—	—	1	—	—	—	—	2
Veneral Diseases ...	36	18	2	1	—	—	5	7	3	—
Phthisis (Pulmonary Tuberculosis) ...	411	2	1	3	10	62	175	133	25	302
Tuberculous Meningitis (See note (e)) ...	60	8	10	15	17	6	2	2	—	—
Other Tuberculous Diseases ...	79	7	8	4	17	12	18	7	6	—
Rheumatic Fever ...	9	—	—	—	2	3	1	2	1	4
Cancer, malignant disease (See note (f)) ...	363	—	1	1	—	1	38	188	134	—
Bronchitis ...	322	29	9	2	—	—	9	78	195	293
Broncho-Pneumonia ...	188	55	43	21	6	1	2	30	30	
Pneumonia (all other forms) ...	187	19	12	11	4	5	28	53	55	
Other diseases of Respiratory organs ...	73	8	4	3	4	4	7	19	24	—
Diseases of Circulatory System ...	636	2	—	—	7	13	57	172	385	356
Diseases of Nervous System ...	364	19	3	2	7	16	41	100	176	—
Diarrhoea (See note (g)) ...	91	56	10	5	—	1	3	10	6	94
Enteritis ...	23	6	—	1	—	1	5	7	3	—
Appendicitis and Typhlitis ...	4	—	—	—	2	—	1	1	—	37
Alcoholism (See note (h)) ...	3	—	—	—	—	—	2	—	1	—
Cirrhosis of Liver ...	22	—	—	—	—	—	2	16	4	—
Nephritis and Bright's Diseases ...	155	—	2	2	3	4	14	57	73	—
Puerperal Fever (See note (i)) ...	8	—	—	—	—	2	6	—	—	19
Other accidents and diseases of Pregnancy and Parturition ...	7	—	—	—	—	2	5	—	—	—
Congenital Debility and Malformation, including Premature Birth (See note (j)) ...	175	169	3	1	2	—	—	—	—	—
Violent Deaths, excluding Suicide ...	156	23	5	13	19	10	19	36	31	236
Suicides ...	22	—	—	—	—	2	10	9	1	
Other Defined Diseases ...	486	54	8	8	9	4	42	80	281	1548
Diseases ill-defined or unknown ...	6	1	—	—	—	—	—	4	1	

NOTES TO TABLE III.

(a) All " Transferable Deaths " of residents, *i.e.*, of persons resident in the District who have died outside it, are included with the other deaths in columns 2-10. Transferable deaths of non-residents, *i.e.*, of persons resident elsewhere in England and Wales who have died in the District, are in like manner excluded from these columns. For the precise meaning of the term " transferable deaths " see footnote to Table I.

The total deaths in column 2 of Table III. equal the figures for the year in column 12 of Table I.

(b) All deaths occurring in institutions for the sick and infirm situated within the district, whether of residents or non-residents, are entered in the last column of Table III.

(c) All deaths certified by registered Medical Practitioners and all Inquest cases are classed as " Certified "; all other deaths are to be regarded as " Uncertified."

(d) This heading includes all deaths from croup except those certified as due to " spasmodic," " stridulous," " catarrhal," or " false " croup.

(e) Under " Tuberculous Meningitis " are included deaths from Acute Hydrocephalus.

(f) Under " Cancer " are included deaths under such headings as Carcinoma, Scirrhus, Epithelioma, Rodent ulcer, Sarcoma, Cancer, and Malignant Disease.

(g) Under this heading are included deaths registered as due to Epidemic diarrhoea, Epidemic enteritis, Infective enteritis, Zymotic enteritis, Summer diarrhoea, Choleraic diarrhoea, Cholera (other than Asiatic), Gastro-enteritis, Gastro-intestinal catarrh, Muco-enteritis, Colitis, etc. Deaths from Diarrhoea secondary to some other well-defined disease are included under the latter.

(h) Under this heading are included deaths from Delirium tremens, acute and chronic alcoholism, etc., but not those certified as due to organic disease attributed to alcoholism. The number of the latter may with advantage be stated separately, though this statement cannot be included in Table III.

(i) Under " Puerperal Fever " are included deaths under such headings as Pyaemia, Septicaemia, Sepsaemia, Pelvic peritonitis, Peri- and Endo-metritis occurring in the Puerperium.

(j) Under this heading are included also deaths from Atrophy and Marasmus of Infants, and want of Breast-milk, but not from Atelectasis.

TABLE IV.

BOROUGH OF LAMBETH—INFANTILE MORTALITY, 1917.
 Nett Deaths from stated causes at various Ages under 1 Year of Age.

	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year.
All Causes { Certified	95	45	16	11	167	75	89	62	70	463
{ Uncertified	17	1	3	2	23	5	14	5	6	53
Simple Continued Fever	—	—	—	—	—	—	—	—	1	1
Measles	—	—	—	—	—	—	1	2	15	18
Diphtheria and Croup	—	—	—	—	—	1	—	1	1	3
Whooping Cough	—	—	—	—	—	1	1	4	4	10
Diarrhœa	—	—	1	2	3	12	29	10	2	56
Enteritis (Epidemic)	—	—	1	—	1	3	2	—	—	6
Influenza	—	—	—	—	—	—	—	—	1	1
Cerebro-Spinal Fever	—	—	—	—	—	—	1	1	4	6
Anterior Poliomyelitis	—	—	—	—	—	—	1	—	—	1
Tuberculous Meningitis	—	—	—	—	—	—	1	6	1	8
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases	1	—	—	1	2	1	3	—	3	9
Congenital Malformations	8	—	3	—	11	3	2	1	—	17
Premature Birth	57	19	4	2	82	5	2	—	—	89
Atrophy, Debility and Marasmus	12	8	3	4	27	18	10	5	1	61
Atelectasis	7	3	—	—	10	1	—	—	—	11
Erysipelas	—	—	—	—	—	—	—	—	—	—
Syphilis	2	—	2	2	6	7	4	—	1	18
Rickets	—	—	—	1	1	—	2	—	1	4
Meningitis (<i>not Tuberculous</i>)	—	—	—	—	—	1	1	3	—	5
Convulsions	1	2	2	—	5	1	3	—	2	11
Gastritis	—	—	—	—	—	1	—	1	—	2
Dentition	—	—	—	—	—	—	—	4	—	4
Laryngitis	—	—	—	—	—	—	—	—	1	1
Bronchitis	1	2	1	—	4	4	9	3	9	29
Pneumonia	2	2	—	—	4	4	2	4	2	16
Broncho Pneumonia	—	2	1	—	3	6	15	10	21	55
Pleuro "	—	—	—	—	—	1	1	—	1	3
Suffocation, overlaying	4	—	1	—	5	3	3	1	—	12
Accident, other than Suffocation	4	—	—	1	5	2	1	1	1	10
Other causes not classified above	13	8	—	—	21	5	9	10	4	49
Totals	112	46	19	13	190	80	103	67	76	516

LAMBETH BOROUGH.—Corrected Deaths

NOTE.—The Deaths of Non-Residents occurring in Public Institutions occurring in Public Institutions situated beyond the limits of the

(A.) REGISTRATION

	SUB-DISTRICTS.			
	Lambeth Church.		Kennington.	
	M.	F.	M.	F.
I. SPECIFIC FEBRILE, OR ZYMOTIC DISEASES	46	54	33	40
II. PARASITIC DISEASES	—	1	—	—
III. DIETETIC DISEASES	1	—	—	1
IV. CONSTITUTIONAL DISEASES	112	84	111	80
V. DEVELOPMENTAL DISEASES	19	27	29	33
VI. LOCAL DISEASES	194	157	199	172
VII. DEATHS FROM VIOLENCE	31	12	18	11
VIII. DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES	6	4	8	5
TOTALS	409	339	398	342

(B.) AGE

	AGE.									
	Under 1 Year.		1-2		2-5		Under 5 Years.		5-15	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
I. SPECIFIC FEBRILE OR ZYMOTIC DISEASES	59	56	31	42	41	47	131	145	18	21
II. PARASITIC DISEASES	—	—	—	—	—	—	—	—	—	—
III. DIETETIC DISEASES	1	1	—	—	—	—	1	1	—	—
IV. CONSTITUTIONAL DISEASES	14	8	11	12	15	11	40	31	24	25
V. DEVELOPMENTAL DISEASES	60	57	—	1	—	1	60	59	2	—
VI. LOCAL DISEASES	113	62	34	44	27	20	174	126	18	21
VII. DEATHS FROM VIOLENCE	15	8	3	2	5	8	23	18	15	4
VIII. DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES	4	1	—	—	—	—	42	22	—	—
TOTALS	303	213	80	102	88	87	471	402	77	71

registered from all causes during the year, 1917.

tions in the District are excluded, and the Deaths of Residents District are included.

SUB-DISTRICTS.

	SUB-DISTRICTS.										Total.
	Stockwell.		Brixton.		Norwood.		No Address.		All Ages.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
	47	44	37	44	34	34	5	1	202	217	419
	—	—	1	—	—	—	—	—	1	1	2
	1	—	—	—	—	2	—	—	2	3	5
	93	86	127	110	78	96	11	8	532	464	996
	17	28	34	38	15	35	5	7	119	168	287
	227	211	280	291	209	194	47	31	1156	1056	2212
	31	12	22	15	15	9	2	—	119	59	178
	18	6	3	5	10	4	—	—	45	24	69
TOTALS	434	387	504	503	361	374	70	47	2176	1992	4168

PERIODS.

	PERIODS.																		Total.
	15-20		20-25		25-40		40-45		45-60		60-65		65 and over.		Over 5 Years.		All Ages.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
	2	1	2	2	7	9	3	—	11	13	6	6	22	20	71	72	202	217	
	—	—	—	—	1	—	—	—	1	—	—	—	—	—	1	1	1	1	
	16	—	—	—	—	1	—	1	—	—	—	—	—	1	—	2	2	3	
	16	24	24	20	94	73	39	38	155	96	50	49	90	108	492	433	532	464	
	—	—	—	—	—	—	—	—	1	—	1	—	57	107	59	109	119	168	
	4	19	8	7	65	53	46	38	230	161	107	93	492	538	982	930	1156	1056	
	—	3	3	2	11	9	7	2	30	3	11	1	15	17	96	41	119	59	
	—	—	—	—	—	—	—	—	2	1	1	—	—	1	3	2	45	24	
TOTALS	38	47	37	31	177	146	95	79	429	275	175	150	677	791	1705	1590	2176	1992	

(C.) SUMMARY OF CORRECTED DEATHS.

	No. of Deaths.		Total.		No. of Deaths.		Total.
	M.	F.			M.	F.	
I.—Specific Febrile or Zymotic Diseases.							
1. Miasmatic Diseases	133	145	278				
2. Diarrhoeal "	38	53	91				
3. Malarial "	—	—	—				
4. Zoogenous "	—	—	—				
5. Venereal "	27	9	36				
6. Septic "	4	10	14				
II.—Parasitic Diseases	1	1	2				
III.—Dietetic Diseases	2	3	5				
IV.—Constitutional Diseases	532	464	996				
V.—Developmental Diseases	119	168	287				
VI.—Local Diseases.							
1. Diseases of Nervous System	179	185	364				
2. Diseases of Organs of Special Sense	5	4	9				
3. Diseases of Circulatory System	312	324	636				
4. Diseases of Respiratory System	423	347	770				
5. Diseases of Digestive System	96	85	181				
Carried forward	1871	1798	3669				
				Brought forward ...	1871	1798	3669
				VI.—Local Diseases—continued.			
				6. Diseases of Lymphatic System...	3	4	7
				7. Diseases of Gland-like Organs of Uncertain Use	1	5	6
				8. Diseases of Urinary System ...	123	78	201
				9. Diseases of Reproductive System			
				(a) Diseases of Organs of Generation	1	8	9
				(b) Diseases of Parturition ...	—	7	7
				10. Diseases of Bones and Joints ...	5	3	8
				11. Diseases of Integumentary System	8	6	14
				VII.—Violence.			
				1. Accident or Negligence	105	47	152
				2. Homicide... ..	1	2	3
				3. Suicide	12	10	22
				4. Execution	—	—	—
				5. Air raid	1	—	1
				VIII.—Ill-defined and not Specified Causes	45	24	69
				Total	2176	1992	4168

BOROUGH OF LAMBETH.

—

**SUMMARY OF VITAL AND MORTAL STATISTICS, etc.,
FOR 1917.**

Area of Borough—4,080·4 statute acres (inclusive of land and inland water, but exclusive of tidal water 82·1 and foreshore 31·1 statute acres respectively), divided into 5 Registration Sub-Districts, 4 Parliamentary Divisions, and 9 Wards. The Parliamentary Divisions and Wards are not co-extensive but the Registration Sub-Districts and the Wards are.

Civil Population—estimated 1917—272,038 (males 117,457, and females 154,581).

*Density—66·7 persons per statute acre (inclusive of land and inland water, but exclusive of tidal water and foreshore).

Births (uncorrected)—6,869 being 25·2 per 1,000 population.

Deaths (corrected)—4,168 being 15·3 per 1,000 population.

Infantile Mortality (corrected)—516 deaths (corrected) under 1 year, being 75·1 per 1,000 total (uncorrected) births, or 93·9 per 1,000 total (corrected) births.

Zymotic Death-rate (corrected)—1·1 per 1,000 population (total corrected zymotic deaths, 295).

* The densities (based upon the estimated civil populations) vary in the different Registration Sub-Districts as follows—Lambeth Church (354·3 acres) 118·5, Kennington (398·3 acres) 109·02, Stockwell (583 acres) 97·7, Brixton (1026·6 acres) 69·2, and Norwood 1718·2 acres) 34·1 per statute acre respectively.

II.—SANITARY WORK.

(Dealing with the sanitary circumstances and administration of the Borough of Lambeth.)

Return shewing the Number of Notices served in the Borough of Lambeth, from the 1st January to the 31st December, 1917.

Number of Notices served 19,023*

A. COMPULSORILY NOTIFIABLE INFECTIOUS DISEASES† (PUBLIC HEALTH (LONDON) ACT.)

No. of Notices served	...	...	...	...	...	6548
No. of Infected Houses	...	...	...	...	...	5543
Scarlet Fever	...	...	...	...	...	304
Typhoid	...	...	...	...	...	16
Diphtheria	...	...	...	...	...	469
Membranous Croup	...	...	...	...	...	7
Continued Fever	...	...	...	...	...	3
Puerperal Fever	...	...	...	...	...	14
Erysipelas	...	...	...	...	...	123
Cerebro-Spinal Fever	...	...	...	...	...	29
Acute Polio-Myelitis	...	...	...	...	...	9
Ophthalmia Neonatorum	...	...	...	...	...	66
Whooping Cough	...	...	...	...	...	698
† Measles	...	...	...	...	...	2775
‡ German Measles	...	...	...	...	...	1030

B. GENERAL NUISANCES AND DRAINAGE DEFECTS.

(Public Health (London) Act, and Metropolis Local Management Acts.)

No. of Notices served*	...	...	...	...	...	12475
WORKS, STRUCTURAL—						
Drainage Defective	...	...	...	...	...	1191
Intercepting Traps with Fresh Inlets required	...	...	...	...	...	198
Ventilating Pipes required	...	...	...	...	...	281
Indoor Sinks connected with Drain	...	...	...	...	...	296
Rain Water Stacks connected with Drain...	...	...	...	...	...	485
Bath Waste connected with Drain...	...	...	...	...	...	201
Traps Defective, or of Obsolete Pattern	...	...	...	...	...	976
Closet Pan and Connections Defective	...	...	...	...	...	1011
Water Supply to Closet Defective	...	...	...	...	...	2110
Closet Dilapidated	...	...	...	...	...	784
Draw-off Main for Drinking Purposes required	...	...	...	...	...	602
Dust Bins Defective	...	...	...	...	...	1101
Premises Dilapidated	...	...	...	...	...	1408
Ventilation under Floors required	...	...	...	...	...	409
Roofs Dilapidated	...	...	...	...	...	2019
Soil Pipes Defective	...	...	...	...	...	201

*Including Measles and German Measles.

† Excluding tuberculosis.

‡ Compulsorily notifiable from January 1st, 1916.

Paving Defective	...	...	...	...	...	...	2161
Damp and Unwholesome Houses	...	...	...	...	...	...	411
Dung Receptacles required	...	...	...	...	...	...	31
Defective Water Pipes	...	...	...	...	...	...	209
No W.C. Accommodation	...	...	...	...	...	...	18

16103

WORKS, NOT STRUCTURAL—

Cisterns Dirty	...	...	...	...	...	...	511
Manure Accumulations	...	...	...	...	...	...	81
Underground Rooms illegally occupied	...	...	...	...	...	...	49
Animals Improperly Kept	...	...	...	...	...	...	84
Stopped Drains	...	...	...	...	...	...	411
Overcrowding...	...	...	...	...	...	...	76
Foul Urinals	...	...	...	...	...	...	21
Refuse Accumulations	...	...	...	...	...	...	411
No Water Supply or Defective Water Supply	...	...	...	...	...	...	1101
Dirty Premises	...	...	...	...	...	...	1976

4721

PARTICULARS OF SANITARY WORK CARRIED OUT BY THE MALE SANITARY STAFF IN LAMBETH BOROUGH DURING 1917, AND DURING THE 5 PREVIOUS YEARS (1912-1916), TOGETHER WITH YEARLY AVERAGES FOR (a) THE 10 YEARS 1901-1910 (BOROUGH), AND (b) THE 24 YEARS 1877-1900 (PARISH).

Year.	Total Number of Notices (excluding those served under the Housing Acts).	Sanitary Works, Structural and Permanent.	Sanitary Works, Not Structural.
1917	19023*	16103*	4721*
1916	15015†	16175*	4651*
1915	12752	9757	7731
1914	15109	10175	6478
1913	14397	9167	5154
1912	12506	8679	4044
Yearly Average for 10 Years 1901-1910 (Borough)	13108·4	9348·4	3049·7
Yearly Average for 24 Years 1877-1900 (Parish)	5944·6	4756·9	2135·9

*Including Measles and German Measles.

†Excluding Measles and German Measles.

SANITARY INSPECTORIAL STAFF.

The Sanitary Inspectorial Staff consists of 12 district male Sanitary Inspectors and 1 special male Sanitary Inspector for Food and Drugs, 2 female Sanitary Inspectors (who also act as part-time Health Visitors*), and 3 female Health Visitors.† The work carried out during 1917 by these various officers is set out in tabular form.

SUMMARY OF WORK CARRIED OUT BY THE MALE SANITARY INSPECTORS DURING 1917.

Inspections	...	...	...	...	...	...	8357
Re-inspections	...	...	...	...	...	...	42587
Complaints attended to	...	...	...	...	...	...	2208
Water Certificates issued	...	...	...	...	...	...	14
Revenue Act Certificates dealt with	...	...	...	...	...	...	31
Drains tested (with chemical, water or smoke test)	...	...	...	...	...	...	3340
Sanitary Works completed	...	...	...	...	...	...	3995
Plans of drainage reconstructions received	...	...	...	...	...	...	98
Premises the Drains of which have been totally or partly reconstructed	...	...	...	...	...	...	115
Samples of Food and Drugs taken	...	...	...	...	...	...	1829
Notices—							
— Public Health (London) Act, 1891 (Preliminary or Intimation 8767 and Statutory 3704)	...	...	...	...	...	...	12471
Metropolis Local Management Acts	...	...	...	...	...	...	4
Sanitary Nuisances abated—							
(a) Structural	...	...	...	...	...	...	16103
(b) Non-Structural	...	...	...	...	...	...	4721
Summonses issued—							
Public Health Act	...	...	...	...	...	...	2
Food and Drugs Acts	...	...	...	...	...	...	40
Convictions obtained—							
Public Health Act	...	...	...	...	...	...	1
Food and Drugs Acts	...	...	...	...	...	...	33

N.B.—In addition to the above, the District Inspectors carried out, during 1917, routine duties connected with the inspecting of unsound and unwholesome food; the supervision of bakehouses, slaughter-houses, cow-houses, dairies, milk shops and milk stores, the market thoroughfares, outside urinals of public-houses, smoke, the male public conveniences, factories and workshops, and work places wherein males are employed, common lodging-houses, offensive trades, effluvium nuisances, houses let in lodgings, exempted tenements (Revenue Act), refuse and

* Re-arrangement of duties of the 2 female Sanitary Inspectors, who are now designated "Female Sanitary Inspectors and Health Visitors," was approved by the Local Government Board on February 9th, 1917.

† Miss Lillie Hoskin was appointed as an additional Health Visitor by the Council on April 26th, 1917 (temporarily), and on October 18th, 1917 (permanently).

manure depôts, etc. No new houses were registered under the by-laws for houses let in lodgings, and no routine house-to-house inspections were carried out under the Housing, Town Planning, etc., Act, 1909, the latter fact being on account of the war. Extra duties were thrown upon the 12 male district Sanitary Inspectors under the Local Authorities (Food Control) Order (No. 1), 1917, under which they were appointed to act by the Council on May 24th, 1917.

Infected Houses and Drainage Defects found by Male Inspectors.

A sanitary inspection made of infected houses, *i.e.*, houses at which infectious disease is notified compulsorily, and the sanitary inspection includes, in the large majority of cases, the testing of the drainage with the chemical test. Taking the ordinary notifiable infectious diseases, out of the 974* infected houses dealt with during 1917, the results are as follow, the averages being given in brackets for the past 25 years, 1891—1915 :—

- (a) 34, *i.e.*, 3.5 per cent. were found to have defective drains, *i.e.*, a result was obtained with the chemical test employed (average=14.3 per cent.).
- (b) 509, *i.e.*, 52.2 per cent. showed defects in drains, traps, fittings and appliances (average=53.1 per cent.).
- (c) 465, *i.e.*, 47.8 per cent. showed no defects (average=46.9 per cent.).

REGISTRATION OF COW-HOUSES, SLAUGHTER-HOUSES, COMMON LODGING-HOUSES, AND MILK SHOPS.

During 1917, the Cow-houses and Slaughter-houses, and Common Lodging-houses licences were renewed by the London County Council, with the following exceptions :—

- (a) Cow-house—156, Hamilton Road, West Norwood;
- (b) Slaughter-house—125, Hamilton Road, West Norwood;

whilst the applicants were registered by the Borough Council as milk-sellers or purveyors of milk at the following premises, which were passed as "suitable," *i.e.*, in accordance with the Council's requirements :—23, High Street (West Norwood), 2, Kennington Grove, 77, Larkhall Lane, and 75, Robsart Street. The following application was withdrawn :—20, Cornwall Road, Brixton Hill (Edward Richards).

* The above statistics do not include ophthalmia neonatorum, whooping cough, measles and German measles and tuberculosis, which have been omitted so as to keep the statistics for 1917 comparable with those for past years. The figures for (a) whooping cough and (b) measles and German measles infected houses during 1917 are :—(a) 41 and (b) 251 defective drains, and (a) 327 and (b) 1,587 defective traps and appliances, out of totals of (a) 698 and (b) 3,805 infected houses inspected, respectively. No testing of drains is carried out as a routine in the case of ophthalmia neonatorum and tuberculosis-infected houses.

REVENUE ACT, 1903

(and Section 35 of the Housing, Town Planning, etc., Act, 1909).

During 1917, 31 certificates were applied for in connection with tenements (or dwellings) so constructed as to afford suitable separate accommodation for each of the families inhabiting the same, with the following results:—

1. Certificates granted unconditionally	...	...	25*
2. Certificates granted conditionally	...	...	4†
3. Certificates refused	...	...	2‡

EFFLUVIUM NUISANCES.

During 1917, 3 effluvium nuisances were dealt with, viz. : (1) 39-41, Dunbar Street, West Norwood, a factory used for preparation of food for soldiers and sailors, vegetables (including onions) being dried and packed; (2) Royal Arsenal Co-operative Society's Bakery, Brixton Hill, a factory used for baking on a wholesale scale for civilians (the premises being in occupation for that purpose from 8 a.m. to 8 p.m.), and for military authorities (the premises being in occupation for that purpose from 8 p.m. to 8 a.m.), and causing chiefly a nuisance from noise and vibration of machinery; and (3) 25, Broad Street, a factory in the occupation of Corebind, Limited, of 5, Castle Street, Finsbury, the corebind, which is used as an improvement in casting, being made from liquid pine resin, which is evaporated in a vacuum boiler, poured into shallow trays and then placed in a drying gas oven to solidify, giving off effluvia at times during these processes, and being afterwards ground up with other materials (the trade secret) in a closed-in mixer or disintegrator. Petitions were received by the Council in connection with Nos. (1) and (2), necessitating action being taken under Section 21 of the Public Health (London) Act, 1891. A summons was taken out in regard to No. (1), the nuisance being due to the onion oil (allyl sulphide) escaping into the neighbourhood, was heard at Lambeth Police Court on July 25th, 1917, and was adjourned *sine die* on August 22nd 1917, the nuisance being, meanwhile, abated by ceasing the cutting up and drying of onions and the burning of the onion refuse; but no legal action was taken in connection with No. (2), the nuisance from noise and vibration not being one with which the Council could deal, and the premises being also found to be an exempted building (in the occupation of the military). The nuisance in connection with No. (3) was abated.

* *Granted unconditionally*—144-144A, Denmark Hill, 17, Effra Road, 26-28, Rosendale Road, 14-16, Victoria Road (West Norwood), and 53, Wilcox Road.

† *Granted conditionally*—2-4, Cranmer Road.

‡ *Refused*—39, Tulse Hill

SUMMARY OF WORK CARRIED OUT BY THE FEMALE SANITARY
INSPECTORS DURING 1917.

§ Workshops visited and inspected—

(a) Dressmakers	...	...	...	...	...	26
(b) Milliners	...	...	...	...	...	3
(c) Laundries	...	...	...	...	...	7
(d) Tailors	...	...	...	...	...	8
(e) Upholsterers	...	...	...	...	...	2
(f) Dyers	...	...	...	...	...	1
(g) Blouses	...	...	...	...	...	23
(h) Ties	...	...	...	...	...	4
(i) Others (<i>e.g.</i>), embroidery, toys, mineral waters, brushes, underclothing, overalls, munitions, &c.						39
Workshops §: workshops therein measured	...	...				104
Workshops § newly discovered and registered	...	...				8
* Premises visited, but not inspected, owing to the persons or patients concerned being out or, if employees, being no longer employed	...	...	...	...	...	1645
Female Conveniences visited and inspected—						
Public (visits paid)	...	...	...	...	...	263
Private	...	...	...	...	...	—
Schools visited—						
Public (visits paid)	...	...	...	...	...	81
Private	...	...	...	...	...	—
Special places visited and inspected—						
(a) Private Houses †	...	...	...	...	...	2520
(b) Outworkers	...	...	...	...	...	209
Outworkers and Private Houses † re-inspected	...	...				703
Written Intimation and Statutory Notices served	...					73
No. of Workshops, § etc., in which defects were found	...					73
No. of Workshops, § etc., in which no defects were found...						2852
Nuisances referred to M.O.H., for attention by male in- spectors	...	...	...	...	...	5

* Births (830), Workshops (45), Out-workers (241), Schools (7), Tuberculosis cases (443), and special Complaints (79).

† Births (1583), Diarrhoea cases (21), Tuberculosis cases (832), Puerperal fever (1), Ophthalmia cases (34), and special complaints (49).

‡ Births (143), Diarrhoea cases (1), Tuberculosis cases (425), Out-workers (7), Ophthalmia cases (120), and special Complaints (7).

§ Workshops include Work-places.

Particulars of Defects found by Female Inspectors.

Workshops, § etc.—	
Workrooms—	
Overcrowded, Damp or Dirty	36
Defective or dirty—	
Yards, Floors, Roofs, Windows, Ceilings, Sink Wastes, or Premises generally	41
Sanitary Appliances: Water Closets—	
Dirty, unventilated, choked, defective or with defective tanks or water supplies	29
Sanitary Appliances: Drainage—	
Defective	1
Sanitary Appliances: Dustbins—	
Wanting or Defective	7
No separate suitable sufficient W.C. accommodation for the sexes	2
Miscellaneous defects, e.g., accumulations, personal un- cleanliness, etc.	3

SUMMARY OF WORK CARRIED OUT BY THE FEMALE HEALTH
VISITORS* DURING 1917.

Births†	3,555	Tuberculosis cases ...	717
Ophthalmia cases	205	Depôt children visited	216
Diarrhœa cases	34	Infant Welfare Centres and Day Nurseries...	28
Milk Depôt (visits)—		Special cases	46
York Road (central)	58		
Moffatt Institute (branch)	318		

N.B.—In addition to the above, 1,115 visits were paid to houses, but no one found to be at home.

FACTORIES AND WORKSHOPS, 1917.

Factories.

17 new factories were added to the Register, dealing with (a) Marconi appliances, 1; (b) carpentry, 1; (c) soap and candle, 1; (d) mineral waters, 1; (e) cartridge boxes, 1; (f) compasses, 1; (g) book-binding, 1.

Workshops.

16 new workshops were added to the Register, dealing with: (a) dressmaking 2, tailoring 2, blouses 7, mantles 2, and not classified 3.

*Miss L. Hoskin commenced her duties as an additional Health Visitor (temporarily) on May 7th, 1917.

† Revisits, 1,327.

OUT-WORKERS, 1917.

13 February and 9 August lists were received, dealing with 143 and 121 out-workers respectively. Of the 264 out-workers, 129 belonged to Lambeth and 135 elsewhere. Particulars of the latter were sent to the Authorities concerned, whilst, in return, 137 lists were received from various outside authorities dealing with the 998 workers, of whom 926 belonged to Lambeth and 72 to districts outside Lambeth.

Of the total 1055 Lambeth out-workers reported, 112 were new out-workers, *i.e.*, out-workers not previously registered, as follow :—

Mantles	9	Feathers	1
Blouses and skirts ...	9	Millinery	3
Ties, belts, and braces ...	8	Dresses	3
Children's underclothing and costumes	6	Nurses' Uniforms ...	—
Women's clothing ...	7	Bag stringing	10
Tailors	17	Boxes and boxmaking ...	6
Embroidery	5	Button Making	1
Waistcoats	2	Brushes	2
Shirts	4	Artificial flowers	2
Fancy Goods	1	Paper Bags... ..	6
Button-hole Making ...	—	Sack Making	—
Boots and shoes	1	Printers	4
Collars	2	Corset Making	—
Hosiery	1	Cigarettes	2
		Total	<u>112</u>

The Wards, in which the houses (wherein the 112 new out-workers were found to be working) are situated, are as follow :—

WARDS.	No.	WARDS.	No.
Marsh	7	Herne Hill	16
Bishop's	8	Tulse Hill	9
Prince's	21	Norwood	5
Vauxhall	7		
Stockwell	15	Borough of Lambeth ...	<u>112</u>
Brixton	24		

FACTORIES AND WORKSHOPS REGISTERED DURING 1917.

Numbers of Rooms and Persons Employed.

Wards.	No. of Factories.	No. of Workshops.	No. of Workrooms.	Children.		Young Persons.		Adults.		TOTALS.		
				M.	F.	M.	F.	M.	F.	M.	F.	Total.
Marsh	2	1	9	—	—	—	—	80	52	80	52	132
Bishop's	1	—	6	—	—	20	20	160	70	180	90	270
Prince's	2	3	12	—	—	—	18	24	71	24	89	113
Vauxhall	—	1	4	—	—	—	2	—	9	—	11	11
Stockwell	—	3	3	—	—	—	—	2	13	2	13	15
Brixton	—	3	3	—	—	—	—	1	10	1	10	11
Herne Hill	—	1	1	—	—	—	—	—	3	—	3	3
Tulse-Hill	1	4	5	—	—	1	7	4	9	5	16	21
Norwood	1	—	2	—	—	—	—	18	2	18	2	20
Total	7	16	45	—	—	21	47	289	239	310	286	596

DISINFECTING DEPARTMENT, 1917.

Details of work done in connection with the Disinfecting Department are subjoined. A total of 8078 cases of infectious diseases, notified compulsorily by medical men, was reported and dealt with, including cases of cerebro-spinal fever (31), acute polio-myelitis (9), ophthalmia neonatorum (67), measles (3,224), German measles (1,241), whooping cough (902), and tuberculosis—pulmonary (1,086) and non-pulmonary (444), whilst the following diseases were, in addition, notified by school teachers and others, viz.: measles (763), chicken-pox (524), cancer (73), whooping cough (368), verminous houses (126), verminous rooms (465), verminous bedding (2,126 articles), or clothing (1,244 articles), and others (948*). 1,338 patients were removed to hospital.

*Summary of work carried out by the Disinfecting
Department during 1917.*

Total No. of rooms disinfected by Council	13132
Do. articles do.	24988
Cases in which bedding was disinfected at home†	5666
Do. do. do. at Chamber	2195
Do. do. do. destroyed (428§ articles)	53
Premises disinfected and disinfectants supplied	18381
Articles of bedding, etc. disinfected	24988
Articles of bedding, etc. destroyed	428
No. of Cleansing Notices served in connection with infected houses	1003
Certificates of Medical Practitioners received in lieu of disinfection by the Council	97
Schools disinfected‡ (83 rooms)	13
Certificates of disinfection left with occupiers of disinfected premises	7919
Library books disinfected (public)	234
Mattresses re-tabbed by Council	407

* Scabies, ringworm, diseases not stated, etc.

† The number is increased, compared with previous years, owing to bedding no longer being removed to the disinfecting station in the cases of Measles, Chicken-pox and Whooping Cough.

§ 97 certificates of medical practitioners received in lieu of official disinfection.

‡ Measles 12 (82 rooms), and diphtheria 1 (1 room).

ANALYSIS OF FOOD AND DRUGS AND WATER.

Samples of Food and Drugs procured, together with the results of the analyses, during the year 1917:—

Samples.	Formal.		Informal.	
	Number Analysed.	Number Adulterated.	Number Analysed.	Number Adulterated.
Milk	666	80	5	3
Butter	80	4	642	68
Lard	18	1	—	—
Coffee	1	—	21	—
Margarine	8	—	50	—
Mustard	—	—	42	2
Pepper... ..	—	—	32	—
Arrowroot	—	—	4	—
Vinegar	2	1	18	2
Sago	—	—	5	—
Oatmeal	—	—	5	—
Ground Rice	—	—	5	—
Flour	—	—	26	—
Dripping	21	—	—	—
Drugs*... ..	—	—	76	9
Rice	—	—	24	—
Olive Oil	—	—	10	—
Tapioca	—	—	4	—
Sugar	—	—	2	2
Syrup	—	—	1	—
Tea	—	—	1	—
Egg Powder	—	—	6	—
Baking Powder	—	—	17	—
Cream	—	—	27	12
Self-Raising Flour	—	—	4	—
Prescription	2	—	2	—
Cooking Fat	2	—	—	—
	800	86	1029	98

N.B.—40 summonses issued (33 convictions and 7 dismissals).

* The drugs (76) were:—Eucalyptus Oil (5), Epsom Salts (11), Gregory's Powder (17), Tartaric Acid (4), Ammoniated Tincture of Quinine (15), Boric Ointment (4), Cream of Tartar (4), Boric Acid (12), and Bicarbonate of Soda (4). Two samples of water were analysed and two margarine factories and wholesale dealers in margarine were registered, viz.:—Wessex House (Oakley Street) and 159, Westminster Bridge Road, butter-blending establishments.

PUBLIC HEALTH (MILK AND CREAM) REGULATIONS, 1912.*

All samples of milk are examined by the Public Analyst, as a routine, for the presence of preservatives, and, of the total samples of milk taken during 1917 (666 formal), in no single instance were preservatives found. No samples of cream were taken formally, but 27 samples were taken informally (12 being adulterated).

The action taken during 1917 under the Public Health (Milk and Cream) Regulations, 1912, may be tabulated as follows :—

HEADINGS OF REPORT OF ADMINISTRATION DURING 1917.

1. Milk ; and cream not sold as preserved cream :—

	(a)	(b)
	No. of samples examined for the presence of a preservative.	No. in which a preservative was reported to be present.
Milk	666	—
Cream	—	—

Nature of preservative in each case in column (b) and action taken under the Regulations in regard thereto—*Nil*.

2. Cream sold as preserved cream :—

(a) Instances in which samples have been submitted for analysis to ascertain if the statements on the label as to preservatives were correct :—

(1) Correct statements made	—
(2) Statements incorrect	—

Total	—
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(b) Determinations made of milk fat in cream sold as preserved cream :—

(1) Above 35 per cent.	—
(2) Below 35 per cent.	—

Total	—
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*The Amendment Order (February 8th, 1917) came into operation on April 2nd, 1917, and lays down a maximum of 0.4 per cent. of Boric Acid added to cream, such cream to be sold as preserved cream and to be labelled with the words, "Cream containing boric acid is unsuitable for infants and invalids."

- (c) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Article V. (1) and the proviso in Article V. (2) of the Regulations have not been observed *Nil.*
- (d) Particulars of each case in which the Regulations have not been complied with and action taken *Nil.*
3. Thickening substances.
Any evidence of their addition to cream or to preserved cream and action taken where found *Nil.*
4. Other observations (if any) *Nil.*

MORTUARIES AND CORONERS' COURTS.

DETAILS OF WORK CARRIED OUT DURING 1917.

- (a) Number of bodies received, 500—280 at High Street and 220 at Wanless Road.
- (b) Post-mortem examinations conducted, 204—122 at High Street and 82 at Wanless Road.
- (c) Number of Inquests held, 482—267 at High Street and 215 at Wanless Road.