

[Report of the Medical Officer of Health for Lewisham Borough].

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BOROUGH OF LEWISHAM.

ANNUAL REPORT

ON THE

VITAL STATISTICS & SANITARY CONDITION

OF THE

BOROUGH OF LEWISHAM

AND

REPORT OF THE PUBLIC ANALYST

For the Year 1911,

BY

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of Lewisham;*

*Fellow and Member of the Council of the Royal Sanitary Institute;
Fellow of the Royal Society of Medicine;*

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Formerly

*Medical Officer of Health for the Borough and Port of Southampton
and Medical Superintendent of the Southampton Small-Pox and
Fever Hospitals, &c.*



BOROUGH OF LEWISHAM.

EPITOME OF VITAL STATISTICS, 1911.

Area in acres	...	...	...	...	...	...	6,991
Population :—							
Census, 1901	...	...	...	...	...	...	127,495
„ 1911	...	...	...	...	...	...	160,834
Estimated to the middle of 1911	...	...	...	...	...	...	161,677
Average number of persons per house (Census, 1901)	...	...	...	...	...	...	5·6
Births	...	...	...	...	...	...	3,421
Birth Rate	...	...	...	...	...	...	21·22
Deaths	...	...	...	...	...	...	1,842
Death-rate	...	...	...	...	...	...	11·43
Deaths of infants under 1 year of age	357
Infant mortality	per 1,000 Births	104
Zymotic Death-rate	1·16

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*To the Mayor, Aldermen, and Councillors of the Metropolitan
Borough of Lewisham.*

Gentlemen,

I have the honour to submit to you my Report on the Vital Statistics and Sanitary Condition of the Borough for the year 1911, together with the Returns required by the Local Government Board and the Home Office.

The Vital Statistics for the year under review show that Lewisham continues to retain its position as the second healthiest Borough in the Metropolis.

The corrected death-rate from all causes amounted to 11·4 per 1,000 persons living at all ages, compared with 15·5 per 1,000 for the 77 Great Towns and 15·8 per 1,000 for the County of London.

The lowest death-rate in London, 10·9 per 1,000, was recorded in the Borough of Hampstead.

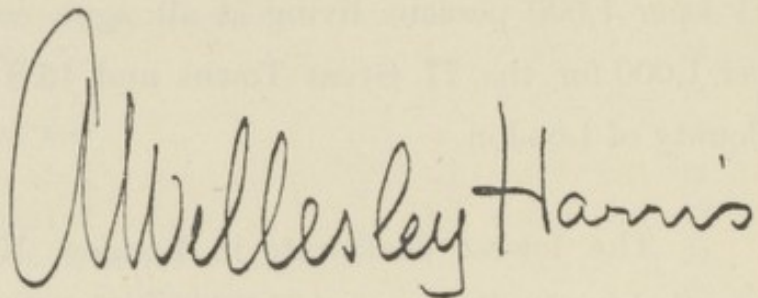
Owing to the exceptionally high temperature existing during the summer months, epidemic diarrhœa and enteritis were very prevalent throughout the country. In this Borough 113 deaths among children under one year of age were caused by this disease, which had the effect of raising the infant mortality rate to 104 per 1,000 births, compared with 79 per

1,000 in 1910. During this outbreak special efforts were made by your women inspectors to pay repeated visits to certain homes of infants under one year of age selected from our records. Their good work was greatly enhanced by the untiring efforts and valuable nursing assistance given by the nurses working in the district under the auspices of the Ranyard Nursing Association.

I desire to record my appreciation of the excellent work performed by the whole of the staff of the Public Health Department, and the cordial support I have invariably received.

I am, Gentlemen,

Your obedient Servant,

A handwritten signature in dark ink, reading "A. Wellerley Harris". The signature is written in a cursive style with a large, looping initial "A".

Medical Officer of Health.

May, 1912.

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REPORT
OF THE
Medical Officer of Health
FOR THE YEAR 1911.

AREA AND POPULATION.

The City of New York, as defined by the City Charter, is bounded by the Hudson River to the west, by the East River to the east, by the Harlem River to the north, and by the City of New York to the south.

PART 1.

VITAL STATISTICS.

TABLE I. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE II. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE III. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE IV. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

PART II.

VITAL STATISTICS.

TABLE V. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE VI. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE VII. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE VIII. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE IX. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

TABLE X. - *Continued*

Population, 1900, by sex and race, and by age and sex, for the United States, and for the several States, Territories, and Possessions, and for the District of Columbia.

REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1911.

AREA AND POPULATION.

The population of the Borough at the Census taken on April 3rd, 1911, was **160,834**.

The estimated population to the middle of the year 1911, based upon the figures given by the Census of 1911 and that of 1901, is 161,677, and this figure is used in calculating the birth and death rates given in this Report.

The area of the Borough is 7,014 acres, and the density of the population, based upon the above estimate, is 23 persons per acre. In 1901 the density was equivalent to 18·3 persons per acre.

In the years from 1901 to 1911, the population of the Borough increased from 127,495 to 160,834, a total increase of 33,339 persons.

In the **Catford Ward**, during the ten years, the population rose from 23,203 to 39,012, an increase of 15,809 persons, or 68 per cent. No other Ward in the Borough showed so great a proportional increase, although **Lewisham Park Ward**, with an increase of 50 per cent., was very near.

Two Wards showed a **decrease** in population, viz., Church Ward, Lee, and Blackheath.

Table 1 shows in detail the population of the various Wards.

Table 1.

Population of the Borough, in Wards.

Ward.	Area in acres.	Enumerated Population Census, April, 1901.	Enumerated Population Census, April, 1911.			In the 10 years 1901-11.				Estimated Population June, 1911.
						Increase.		Decrease.		
			Males.	Females.	Total Persons.	No. of Persons.	Per centage.	No. of Persons	Per centage.	
Church	202	6412	2392	3583	5975	—	—	437	6·8	5964
Manor	175	6734	3574	4476	8050	1316	19·5	—	—	8083
South	878	5503	2762	3577	6339	836	15·2	—	—	6360
Blackheath ...	369	6729	2753	3817	6570	—	—	159	2·2	6566
Lewisham Village	279	13842	6803	7935	14738	896	6·5	—	—	14761
Lewisham Park ...	350	11145	8015	8734	16749	5604	50·0	—	—	16891
Brockley	512	10952	6941	8063	15004	4052	37·0	—	—	15106
Catford	2541	23203	18217	20795	39012	15809	68·0	—	—	39412
Forest Hill	624	18051	9158	11646	20804	2753	15·2	—	—	20874
Sydenham	1084	24924	12165	15428	27593	2669	10·7	—	—	27660
Whole Borough ...	7 014	127495	72780	88054	160834	33339	26·0	—	—	161677

BIRTH RATE.

Number of births...	...	...	...	3421
Average number of births in previous 10 years				3521
Birth rate per 1,000 in 1911		...	...	21·22
Birth rate, County of London		...	...	24·8
„ 77 Great Towns		...	...	25·6
„ England and Wales		...	...	24·4

The total number of Births registered in the Borough during the year amounted to **3,397**. A number of children are registered every year in the Borough, whose parents are only temporarily residing in the district; on the other hand, children are born in other boroughs, in various nursing homes and Lying-in Institutions, whose parents really belong to this Borough. In previous years no corrections have been made for these transferable births, but now, by the courtesy of the Registrar General, we are supplied with the figures necessary to make these corrections. During 1911 five births registered in in Lewisham were transferred to other districts, and 29 outside births transferred to this Borough. The corrected number of births is therefore **3,421**, compared with 3,412 in 1910, a very slight increase, or probably no increase at all, if figures for correction had been available in the previous year. In 1901, 3,320 births were registered, so that in ten years the annual number of births has increased by only 101. The number of females born in 1911 was 1,641, and males 1,780.

The birth rate for the year is **21·22 per 1,000** of the estimated population. In 1901, the previous Census year, the birth rate was 25·9 per 1,000, a decrease of 4·7 having taken place in the ten years.

The birth rate for the County of London was 24·8 per 1,000, and for the 77 Great Towns 25·6 per 1,000.

Illegitimacy.—The illegitimate births numbered 101.

MARRIAGE RATE.

The number of Marriages in the Borough during the year was **1,061**, compared with 1,015 in 1910 and 966 in 1909.

The Marriage Rate was equal to **6·5** per 1,000 of the population.

Of the 1061 marriages in this Borough, 630 were solemnized at the Established Church, 134 at Nonconformist Places of Worship, and 297 at the Register Office.

MORTALITY.

Nett number of deaths, 1911	...	...	1842
Death rate per 1,000, 1911...	...	...	11·43
„ County of London	...	...	15·8
„ 77 Great Towns	...	...	15·5
„ England and Wales	...	...	14·6

The total number of Deaths registered in the Borough during the year was **1,879**.

After deducting the deaths of non-residents dying within the Borough (255), and adding those of residents of the Borough dying outside (218), a corrected total of **1,842** is obtained, compared with 1,590 in the previous year.

Prior to 1911, corrections for deaths of residents dying outside the Borough have been confined to residents dying in the Metropolis and in Public Institutions belonging to the Metropolis. The Registrar General has now made arrangements to supply particulars of residents dying in other parts of the country, and thus the number of deaths of actual residents can be arrived at with greater accuracy. These further corrections have only been made for the first three quarters of the year, as

the preparation of the Report was commenced before the corrections for the fourth quarter had come to hand.

The corrected death rate for the Borough equalled **11·43** per 1,000 of the population. In 1901 the death rate was 13·0 per 1,000.

The death rate for the County of London was 15·8 per 1,000, and that for the 77 Great Towns, 15·5 per 1,000.

With the exception of Hampstead (10·9) our death rate is the lowest of all Metropolitan Boroughs.

Ages at Death.—A division of the deaths at various age periods is arranged in Table 2. The percentage of deaths under one year of age is slightly higher than in any previous year since 1906.

Seasonal Mortality.—

In the <i>first quarter</i>	the deaths numbered	...	486
„ „ <i>second quarter</i>	„ „ „	...	398
„ „ <i>third quarter</i>	„ „ „	...	508
„ „ <i>fourth quarter</i>	„ „ „	...	450

Table 2.

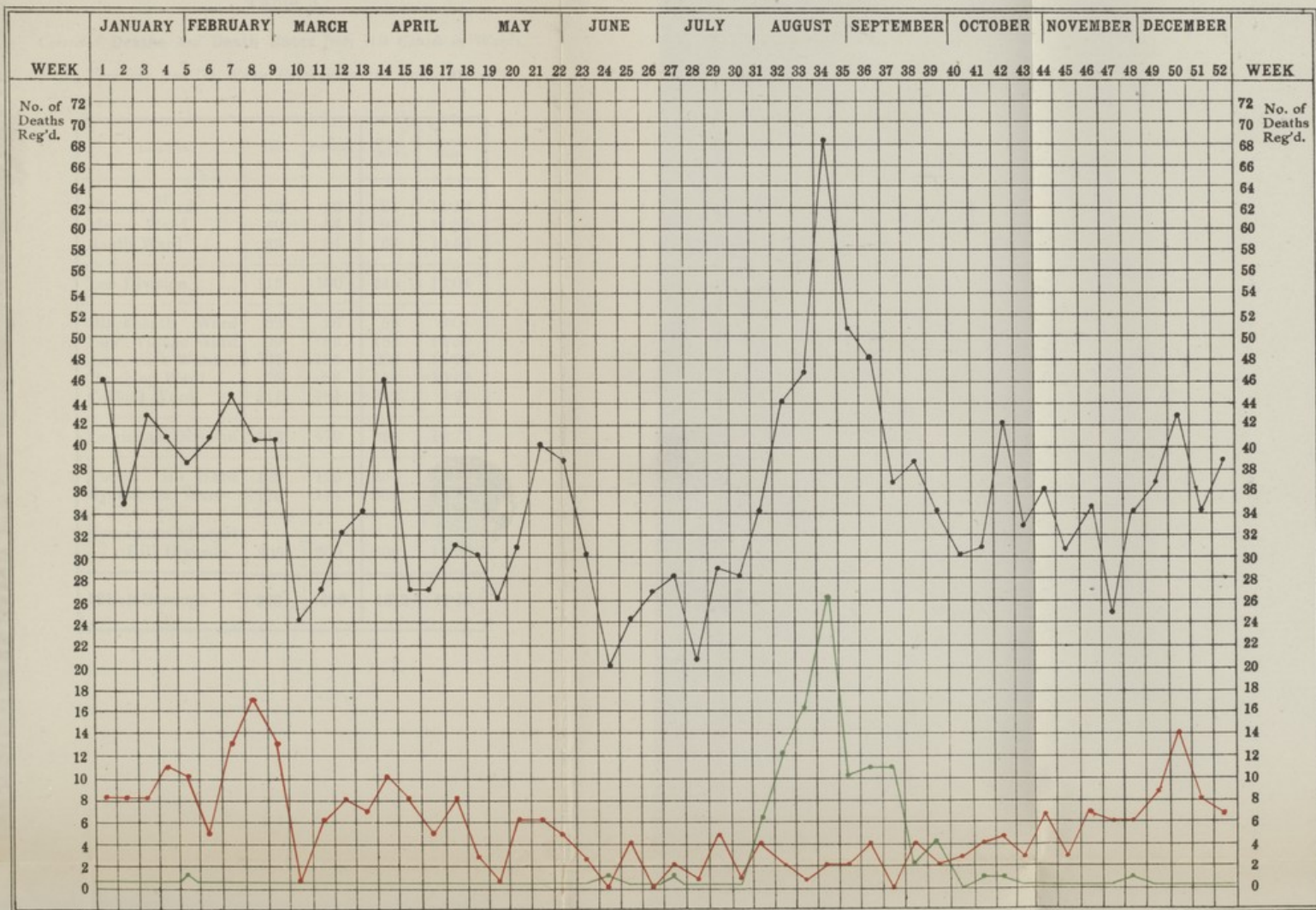
ANALYSIS OF DEATHS.

Number of Deaths at Various Age Periods and their Percentage to Corrected Total Deaths during the years 1904-1911.

AGE PERIOD.	1904.		1905.		1906.		1907.		1908.		1909.		1910.		1911.	
	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.	Number of Deaths.	Percentage to Total Deaths.
Deaths under 1 yr.	440	26·21	338	19·99	391	22·00	325	18·58	315	17·93	262	15·75	271	17·04	357	19·38
Over 1 & under 5 yrs.	140	8·34	130	7·69	160	9·00	146	8·35	163	9·28	102	6·13	112	7·04	130	7·05
„ 5 „ 15 „	39	2·32	59	3·49	57	3·21	60	3·43	64	3·64	65	3·91	66	4·17	75	4·07
„ 15 „ 25 „	85	5·06	63	3·72	68	3·83	65	3·72	61	3·47	54	3·25	60	3·77	67	3·63
„ 25 „ 65 „	470	27·99	547	32·35	596	33·54	577	32·99	593	33·75	562	33·77	522	32·83	623	33·07
Over 65 years	505	30·08	554	32·76	505	28·42	576	32·95	561	31·93	619	37·20	559	35·15	590	32·03
Total ...	1679	100·0	1691	100·0	1777	100·0	1749	100·0	1757	100·0	1664	100·0	1590	100·0	1842	100·00

CHART A.

Showing Weekly Total Deaths from All Causes, from Respiratory Diseases, and from
Infantile Diarrhœa, for the 52 Weeks ended December 30th, 1911.



REFERENCE.

Deaths from All Causes shown in Black, thus:—

Deaths from Respiratory Diseases in Red, thus:—

Deaths from Infantile Diarrhœa (Epidemic) in Green, thus:—

CHART A

Showing Weekly Total Deaths from All Causes from Respiratory Diseases and from Tubercular Disposition for the 52 Weeks ending January 31st, 1911

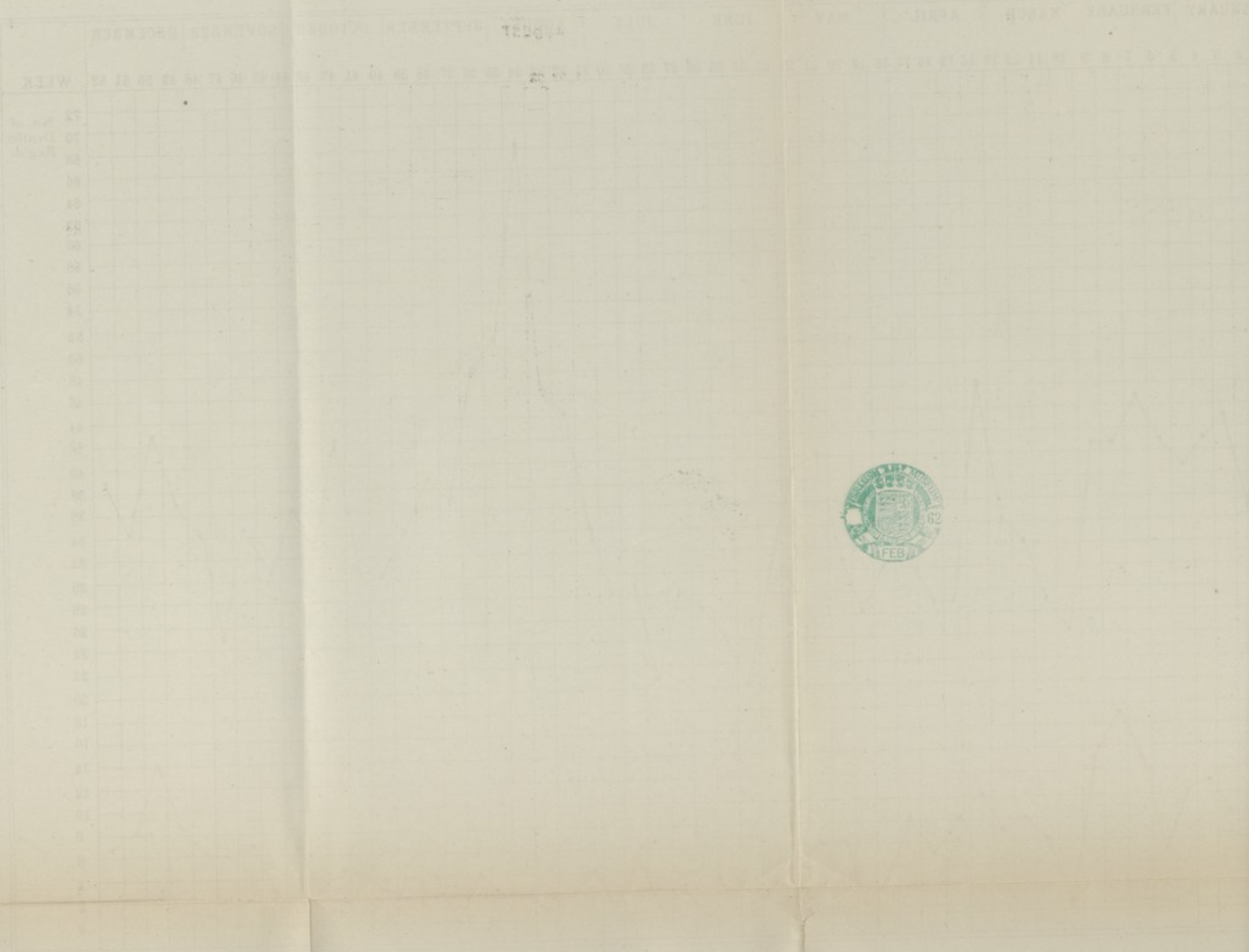


Table 3.

*Corrected Deaths and Death Rates from All Causes in Wards,
Divisions, and the Whole Borough, in the Year 1911.*

Localities.	Males.	Females.	Total Deaths.	Death Rates.
Church Ward ...	42	42	84	14·12
Manor Ward ...	40	54	94	11·66
South Ward ...	33	34	67	10·56
Lee Division ...	115	130	245	12·04
Blackheath Ward	33	26	59	9·01
Lew. Village Ward	99	85	184	12·50
Lew. Park Ward...	97	105	202	11·99
Brockley Ward ...	73	82	155	10·29
Catford Ward ...	211	181	392	9·97
Lewisham Division	513	479	992	10·73
Forest Hill Ward	129	126	255	12·25
Sydenham Ward	176	174	350	12·70
Sydenham & Forest Hill Division	305	300	605	12·50
Whole Borough	933	909	1842	11·43

ZYMOTIC DEATH RATE.

The zymotic death rate is calculated upon the number of deaths occurring at all ages from the principal infectious diseases, viz. :—Small-Pox, Measles, Diphtheria, Scarlet, Typhus and Typhoid Fevers, Whooping Cough, Dysentery, Epidemic Diarrhœa and Epidemic Enteritis.

During the year under review the deaths from zymotic diseases amounted to 187, compared with 85 deaths in 1910. This increase is accounted for by the fact that 115 deaths were certified to be due to Epidemic Diarrhœa and Enteritis, an unfortunate result of the extraordinarily hot and dry weather experienced in the summer months.

The zymotic death rate for the Borough was 1·16 per 1,000. In 1901, in which year 103 deaths from Epidemic Diarrhœa occurred, the zymotic rate was 1·62 per 1,000.

The rate for the County of London was 2·17 and for the 77 Great Towns, 2·29 per 1,000.

It will be seen from Table 6 that the great majority of the deaths from zymotic diseases were of children under one year of age.

Table 4.

*Deaths and Death Rates from Principal Zymotic Diseases in
Wards, during the year 1911.*

Localities	Small-Pox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Enteric Fever	Epidemic Diarrhoea & Epidemic Enteritis	Totals	Death Rates from Principal Zymotic Diseases.
Church Ward ...	—	1	—	—	2	—	4	7	1.17
Manor Ward ...	—	5	—	1	—	—	7	13	1.61
South Ward ...	—	3	—	—	—	—	4	7	1.10
Lee Division ...	—	9	—	1	2	—	15	27	1.33
Blackheath Wd.	—	—	—	2	—	—	2	4	0.61
Lew. Vill. Wd.	—	—	1	2	—	—	8	11	0.75
Lew. Pk. Wd....	—	6	—	5	2	—	14	27	1.60
Brockley Ward	—	—	—	2	—	—	12	14	0.90
Catford Ward ...	—	1	1	6	3	1	31	43	1.09
Lewisham Div.	—	7	2	17	5	1	67	99	1.07
Forest Hill Wd.	—	—	—	2	1	1	15	19	0.91
Sydenham Ward	—	3	3	7	9	2	18	42	1.52
Sydenham and Forest Hill Div.	—	3	3	9	10	3	33	63	1.30
Whole Borough	—	19	5	27	17	4	115	187	1.16

Table 5.

Death Rates from principal Zymotic Diseases and Phthisis, and Infantile Mortality in the Borough and its Divisions, for the Year 1911.

Disease.	Lee Division.	Lewisham Division.	Sydenham and Forest Hill Div.	Whole Borough
Small-Pox	—	—	—	—
Measles	0·44	0·07	0·06	0·12
Scarlet Fever	—	0·02	0·06	0·03
Diphtheria	0·05	0·18	0·18	0·17
Whooping Cough	0·09	0·05	0·20	0·10
Enteric Fever	—	0·01	0·06	0·02
Epidemic Diarrhœa and Enteritis	0·73	0·72	0·68	0·71
Total Zymotic Death Rates	1·33	1·07	1·30	1·16
Infantile Mortality Rate	111	99	111	104
Phthisis Death Rate ...	0·64	0·51	0·74	0·64

Comparative Rates for other Boroughs will be found in Table 12.

Table 6.

*Deaths from Principal Zymotic Diseases arranged in Age Groups,
for the year 1911.*

Ages.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Epidemic Diarrhoea and Enteritis.	Totals in Age Groups.
Under 1 year	—	3	—	1	5	—	102	111
1 and under 2 years ...	—	7	—	3	5	—	6	21
2 and under 5... ..	—	8	2	8	6	—	1	25
5 and under 15 ...	—	1	3	15	1	—	1	21
15 and under 25 ..	—	—	—	—	—	1	—	1
25 years and upwards...	—	—	—	—	—	3	5	8
Total all ages 1911	—	19	5	27	17	4	115	187
Total all ages 1910	—	12	12	19	26	3	11	85

ANALYSIS OF DEATHS IN DISEASE GROUPS.

Infective Diseases.—209 deaths.

Enteric Fever.—Only four fatal cases of this disease occurred.

Measles was certified to be the cause of 19 deaths, compared with 12 in 1910.

Scarlet Fever.—Five deaths from this disease occurred, and 12 in 1910.

Whooping Cough was the cause of 17 deaths, 16 of the victims being under five years of age, and 10 under two years. In 1910, 26 deaths were due to this disease.

Diphtheria was the cause of 27 deaths, eight more than last year.

Epidemic Diarrhœa and Enteritis.—The number of deaths due to these diseases was 115, and of these, 108 were under the age of two years.

Tuberculous Diseases.—140 deaths.

Phthisis or *Pulmonary Tuberculosis*, was the cause of 104 deaths, or 14 more than in 1910. Seventy-one of the victims were under 45 years of age.

This mortality is equal to a death rate of 0·64 per 1,000. In 1901, 120 deaths from *Phthisis* were recorded, and the death rate was 0·93 per 1,000, showing that in ten years the death rate from this disease has decreased by over 30 per cent.

In the County of London, 6,084 deaths occurred from *Phthisis*, equal to a death rate of 1·35 per 1,000.

Malignant Diseases.—171 deaths.

Cancer was the cause of 136 deaths, or 17 more than last year, and equal to a death rate of 0·84 per 1,000. In 1901 the rate was 0·93 per 1,000.

Diseases of the Nervous System.—85 deaths. Eighty-five deaths were certified in this Class, 27 being due to *Insanity*, 16 to *Meningitis*, and 11 to *Epilepsy*.

Diseases of the Heart and Circulatory System.—302 deaths. The deaths in this Class represent 16 per cent. of the total. Diseases of the *Valves of the Heart* were responsible for 91 deaths, and *Cerebral Hæmorrhage*, 64.

Respiratory Diseases.—286 deaths. *Bronchitis* (136 deaths) and *Pneumonia* (119 deaths) are the cause of the majority of deaths from diseases of the respiratory organs, and the first three months of the year prove the most fatal, especially to aged people, 77 of the victims of bronchitis being over 65 years of age.

Diseases of the Digestive System.—141 deaths.

Diseases of the Urinary Organs.—66 deaths. *Nephritis* and *Bright's Disease* were the certified causes of 42 deaths.

Diseases of Generative Organs.—7 deaths.

Unclassified Diseases.—362 deaths. 151 persons died from *Old Age*, 43 from *Premature Birth*, and 80 from *Congenital Debility and Malformation* (73 being under one year old).

Accidents.—57 deaths. *Burning and Scalding*, 7 deaths, *Overlaying*, 6, *Poison*, 1, and *Drowning*, 3.

Deaths from Violence.—16 deaths. Sixteen persons committed suicide.

Table 7.

Deaths and Death Rates in Disease Groups in each Division of the Borough for the year 1911.

Disease Groups.	Lee Division.		Lewisham Division.		Sydenham and Forest Hill Division.		Whole Borough.	
	Deaths.	Death Rate. per 1000.	Deaths.	Death Rate. per 1000.	Deaths.	Death Rate. per 1000.	Deaths.	Death Rate. per 1000.
Infective	30	1.47	112	1.21	67	1.38	209	1.29
Tuberculous	18	0.88	77	0.83	45	0.93	140	0.87
Malignant	25	1.22	94	1.01	52	1.07	171	1.06
Nervous System	9	0.44	48	0.51	28	0.57	85	0.53
Heart and Circulatory	29	1.42	168	1.81	105	2.17	302	1.92
Respiratory System	38	1.86	147	1.59	101	2.08	286	1.77
Digestive System	20	0.98	71	0.76	50	1.04	141	0.88
Urinary Organs	17	0.83	30	0.32	19	0.39	66	0.41
Generative	1	0.05	3	0.03	3	0.06	7	0.04
General and Unclassified	53	2.65	200	2.16	109	2.22	362	2.25
Accidents	3	0.14	36	0.38	18	0.37	57	0.35
Violence	2	0.10	6	0.06	8	0.17	16	0.09
Totals... ..	245	12.04	992	10.73	605	12.50	1842	11.43

CHART B.

Showing the principal causes of Death during the year 1911.

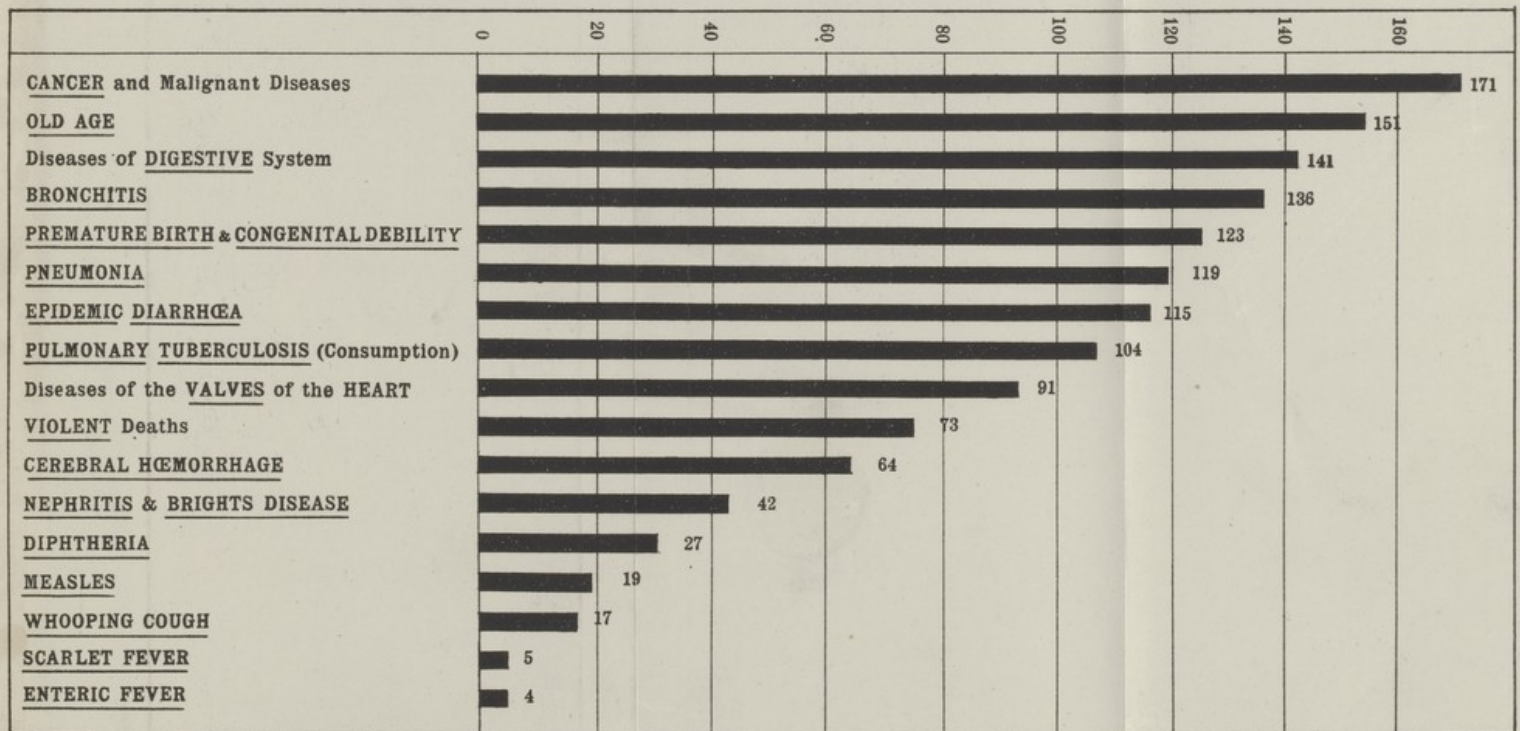
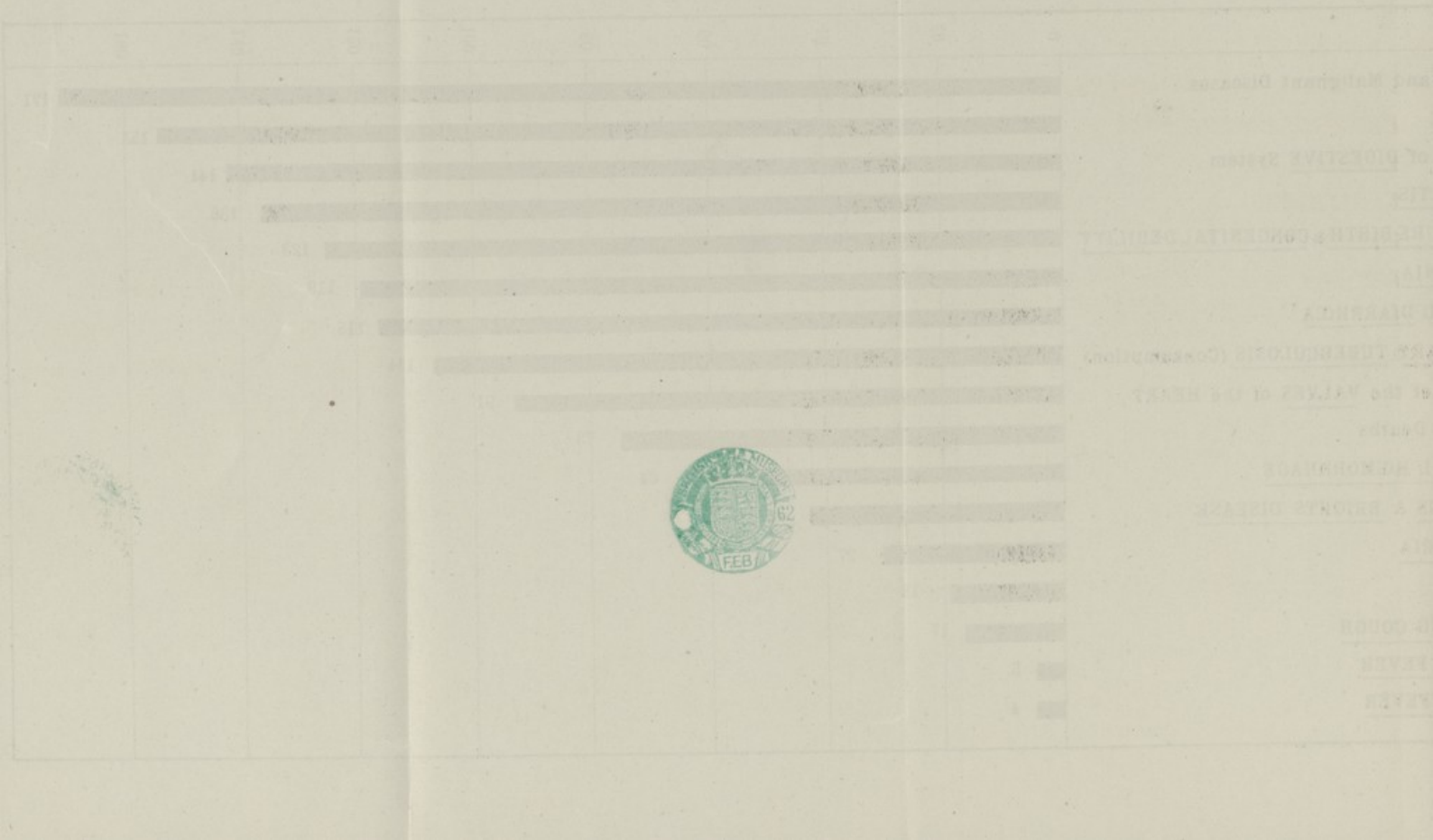


CHART B.

Showing the principal causes of Death during the year 1911.



INFANT MORTALITY.

The infant mortality rate represents the proportion of deaths of children under one year of age to every thousand births registered.

During 1911, 357 children died before reaching the age of one year, or nearly 20 per cent. of the whole of the deaths in the Borough. The infant mortality rate is therefore 104 per 1,000 births, which is much higher than the rate for the previous year (79), but is only very slightly higher than the average for the previous ten years. The rate for the County of London was 129 per 1,000, and for the 77 Great Towns, 140 per 1,000.

Causes of Death.—The following list shows the principal causes of the deaths of infants under one year of age during 1911 :—

Epidemic Diarrhœa and Enteritis	...	...	114
Debility and Marasmus	...	...	59
Premature Birth	...	...	43
Whooping Cough	...	...	5
Measles	...	...	3
Bronchitis	...	...	24
Pneumonia	...	...	25
Suffocation in bed with parents	...	...	6
Congenital Malformations	...	...	14
Atelactasis and Injury at Birth	...	...	6
Other causes	...	...	58
			357
			357

Table 8.

Percentage of Deaths under one year of age to Total Deaths in
Wards and Divisions for the years 1904-1911.

District.	1904.	1905.	1906.	1907.	1908.	1909.	1910	1911.
	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.	per cent.
Church Wd.	19·7	12·7	18·4	14·3	10·8	8·3	12·9	17·8
Manor Ward	26·0	9·4	20·5	20·0	12·7	8·0	12·4	18·0
South Ward	13·3	11·8	17·3	5·6	12·1	11·6	14·3	11·9
Lee Division	20·7	11·3	19·0	14·5	11·8	9·1	13·1	16·3
Blackheath Ward	13·9	17·0	17·3	8·8	15·3	10·5	10·3	10·2
Lew. Village Ward	27·6	20·7	19·3	18·0	21·2	16·8	23·4	17·9
Lew.Pk. Wd.	31·5	20·5	21·9	20·0	19·6	21·7	16·7	16·3
Brockley Ward	27·2	15·7	22·7	20·8	17·2	14·2	22·0	29·0
Catford Wd.	31·3	26·0	24·9	19·8	20·3	21·8	18·8	21·4
Lew. Div.	28·2	21·5	22·0	18·7	19·5	18·8	18·9	20·4
Forest Hill Ward	18·6	17·5	20·0	19·1	17·7	10·7	14·2	20·0
Sydm. Ward	29·1	22·4	25·1	20·7	17·1	15·2	16·4	18·3
Sydm. & Forest Hill Division	24·8	20·2	23·1	20·0	17·4	13·4	13·4	19·0
Whole Borough	26·21	19·99	22·0	18·6	17·9	15·7	17·0	19·4

Table 9.

Analysis of Deaths under one year of age, during the years 1905-1911.

DISEASE.	1905.		1906.		1907.		1908.		1909.		1910.		1911.	
	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.	Number of Deaths under 1 year.	Percentage Deaths to total Deaths under 1 year.
Common Infectious Diseases	23	6.8	17	4.3	20	6.2	25	7.9	13	5.0	18	6.6	9	2.5
Diarrhœal Diseases	59	17.5	123	31.5	41	12.6	49	15.6	32	12.2	22	8.1	114	31.9
Wasting Diseases...	139	41.1	147	37.6	162	49.8	140	44.4	137	52.3	143	52.8	116	32.5
Tuberculous Diseases	10	3.0	14	3.6	9	2.8	13	4.1	7	2.7	6	2.2	6	1.7
Respiratory Diseases	43	12.7	46	11.8	50	15.4	47	14.9	35	13.4	45	16.6	52	14.6
Diseases classified under other headings	64	18.9	44	11.3	43	13.2	41	13.0	38	14.5	37	13.2	60	17.0
Total ...	338	100.0	391	100.0	325	100.0	315	100.0	262	100.0	271	100.0	357	100.0

Note.—For detailed list of these diseases see Table IV. of the Local Government Board Tables (page 90).

Table 10.

Causes of, and Ages at, Death in the Borough of Lewisham during the year ended December 30th. 1911.

CAUSES OF DEATH			DEATHS WHOLE BOROUGH								BOROUGH DIVISIONS							
			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 years and upwards	Total all Ages	Lee	Lewisham	Sydenham and Forest Hill	Deaths of Residents in Public Institutions in the Borough	Deaths of Residents outside the Borough	Deaths of Non-residents in the Borough.	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Class A.—Infective Diseases	1 Enteric Fever	...	—	—	—	—	1	2	—	1	4	—	1	3	—	4	—	—
	2 Small-Pox	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3 Measles	...	3	7	8	1	—	—	—	—	19	9	7	3	—	3	4	—
	4 Scarlet Fever	...	—	—	2	3	—	—	—	—	5	—	2	3	—	4	—	—
	5 Whooping Cough	...	5	5	6	1	—	—	—	—	17	2	5	10	1	5	1	—
	6 Diphtheria	...	1	3	8	15	—	—	—	—	27	1	17	9	—	21	1	—
	7 Croup	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	8 Influenza	...	2	—	—	1	—	1	—	1	5	—	4	1	—	—	—	—
	9 Erysipelas	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	10 Cerebro-spinal Fever	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	11 Epidemic Diarrhoea	...	57	2	1	—	—	—	—	2	62	12	32	18	11	—	5	1
	12 Epidemic Enteritis	...	45	4	—	1	—	1	2	—	53	3	35	15	12	2	5	1
	13 Dysentery	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14 Venereal Diseases	...	3	—	—	—	—	—	—	—	3	—	1	2	—	1	5	—
	15 Puerperal Disease	...	—	—	—	—	1	2	—	—	3	—	1	2	2	1	—	—
	16 Septicæmia	...	—	2	1	—	—	3	—	—	6	2	4	—	2	3	1	—
	17 Pyæmia	...	1	—	—	—	—	—	—	—	1	—	1	—	—	1	2	—
	18 Infective Endocarditis	...	—	—	—	—	—	1	—	—	1	—	1	—	—	1	2	—
	19 Other Infective Diseases	...	—	—	—	1	—	—	1	1	3	1	1	1	—	1	1	—
Class B.—Tuberculous Diseases	20 Phthisis (Pulmonary Tuberculous)	...	—	—	—	2	21	48	25	8	104	13	55	36	26	17	5	1
	21 Meningitis	...	4	6	6	3	—	1	—	—	20	4	8	8	5	1	3	1
	22 Peritonitis	...	1	1	1	1	1	1	—	—	6	—	6	—	1	2	2	—
	23 Scrofula	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class C.—Malignant Diseases	24 Other Tuberculous Diseases	...	2	—	—	4	1	3	—	—	10	1	8	1	2	2	6	—
	25 Cancer, Carcinoma	...	—	—	—	1	—	13	64	58	136	20	78	38	26	10	5	1
	26 Sarcoma	...	—	—	2	1	1	4	1	2	11	—	6	5	4	2	—	—
	27 Other Malignant Diseases	...	—	—	—	—	—	1	12	11	24	5	10	9	2	2	—	—
Class D.—Nervous Diseases	28 Meningitis (not Tuberc.)	...	3	2	3	2	4	1	1	—	16	—	13	3	4	2	—	—
	29 Insanity	...	—	—	—	—	1	5	11	9	26	3	14	9	4	15	2	—
	30 Epilepsy	...	—	—	—	—	3	3	3	2	11	—	4	7	2	3	2	—
	31 Convulsions	...	7	—	1	—	—	—	—	—	8	—	3	5	—	—	—	—
Class E.—Diseases of Heart and Blood Vessels	32 Locomotor Ataxy	...	—	—	—	—	—	—	2	1	3	1	2	—	1	—	—	—
	33 Paraplegia (Dis. of Cord)	...	—	—	—	—	—	1	1	2	4	1	3	—	1	1	—	—
	34 Other Nervous Diseases	...	1	—	—	2	—	3	8	3	17	4	9	4	2	6	2	—
	35 Valvular Disease, Endocarditis	...	—	—	—	6	9	16	28	32	91	10	47	34	18	7	7	2
	36 Cerebral Hæmorrhage	...	—	—	—	—	—	3	28	33	64	4	38	22	12	3	11	—
	37 Thrombosis	...	—	—	—	—	—	—	2	4	6	1	3	2	—	—	—	—
	38 Apoplexy, Hemiplegia	...	—	—	—	—	—	2	6	13	21	1	13	7	4	1	—	—
	39 Aneurysm	...	—	—	—	—	—	—	5	1	6	—	6	—	1	3	—	—
	40 Embolism	...	—	—	—	—	—	2	2	2	6	2	1	3	2	—	—	—
	41 Thrombosis, not Cereb.	...	—	—	—	—	—	—	—	1	1	—	1	—	—	—	—	—
	42 Pericarditis	...	—	—	—	—	—	1	—	—	1	—	1	—	—	—	1	—
	43 Other Dis. of Heart and Blood Vessels	...	6	1	—	1	3	12	33	50	106	11	58	37	12	18	8	—

Table 10—continued.

CAUSES OF DEATH		DEATHS WHOLE BOROUGH								BOROUGH DIVISIONS							
		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 years and upwards	Total all Ages	Lee	Lewisham	Sydenham and Forest Hill	Deaths of Residents in Public Institutions in Borough	Deaths of Residents outside the Borough	Deaths of Non-residents in the Borough	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Class F.— Respiratory Diseases	44 Croup (Spasmodic, &c.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	45 Bronchitis ...	24	5	2	1	—	4	23	77	136	17	72	47	28	1	31	—
	46 Broncho-pneumonia ...	17	15	4	1	—	2	2	8	49	5	25	19	5	4	13	1
	47 Pneumonia (all other forms) ...	8	1	4	4	4	18	19	12	70	9	36	25	21	6	11	—
	48 Asthma, Emphysema...	—	—	—	—	—	1	4	3	8	3	4	1	1	—	—	—
	49 Pleurisy ...	—	—	—	—	—	2	1	—	3	1	2	—	—	1	—	—
	50 Other Respiratory Dis.	11	—	—	1	—	4	1	3	20	3	8	9	4	—	2	—
	51 Enteritis(not Epidemic)	4	2	1	—	—	—	1	1	9	1	6	2	—	—	8	—
	52 Gastro-enteritis ...	8	3	1	1	—	1	1	5	20	2	12	6	2	1	4	—
	53 Gastro-intestinal Catar.	—	—	—	—	—	1	—	2	3	—	2	1	—	—	—	—
Class G.— Digestive Diseases	54 Peritonitis (not Puerperal) ...	—	—	—	1	—	—	1	1	3	—	2	1	—	2	—	—
	55 Appendicitis & Typhlitis	—	—	1	5	6	2	4	1	19	5	11	3	8	6	1	—
	56 Gastric Ulcer ...	1	—	—	—	1	3	3	2	10	3	5	2	5	1	1	—
	57 Cirrhosis of Liver ...	—	—	—	—	—	1	9	7	17	2	7	8	2	—	—	—
Class H.— Urinary Diseases	58 Other Diseases of Liver	1	—	—	—	—	2	4	5	12	1	6	5	—	1	—	—
	59 Other Digestive Diseases	7	3	3	1	2	1	9	22	48	6	20	22	11	6	7	1
Class I.— General Diseases	60 Nephritis and Bright's Disease ...	—	—	—	1	2	10	18	11	42	12	17	13	11	6	3	—
	61 Other Urinary Diseases	—	—	—	—	—	2	10	12	24	5	13	6	12	2	1	—
	62 Generative Organs, Diseases of ...	—	—	—	—	—	2	5	—	7	1	3	3	3	2	—	—
	63 Old Age ...	—	—	—	—	—	—	1	150	151	27	83	41	57	5	25	—
Class J.— General Diseases	64 Premature Birth ...	43	—	—	—	—	—	—	—	43	8	24	11	1	1	1	1
	65 Congenital Debility and Malformation ...	73	4	3	—	—	—	—	—	80	6	49	25	28	2	42	1
	66 Chronic Rheumatism...	—	—	—	—	—	—	1	2	3	—	1	2	—	—	—	—
	67 Rheumatic Fever ...	—	—	—	4	—	—	1	—	5	—	3	2	—	—	—	—
	68 Diseases and Accidents of Parturition ...	1	—	—	—	1	3	—	—	5	—	1	4	1	—	—	—
	69 Alcoholism ...	—	—	—	—	—	1	1	—	2	—	2	—	1	—	—	—
	70 Gout ...	—	—	—	—	—	—	1	1	2	—	1	1	1	—	—	—
	71 Diabetes Mellitus ...	—	—	—	2	—	6	12	4	24	1	14	9	6	3	—	—
	72 All Other Diseases ...	8	2	2	4	1	4	16	10	47	11	22	14	12	6	4	—
	73 Burning and Scalding	2	—	1	—	1	1	—	2	7	—	7	—	4	—	—	—
Class K.— Accidents	74 Overlaying ...	6	—	—	—	—	—	—	—	6	—	2	4	—	—	—	—
	75 Poison ...	—	—	—	—	—	1	—	—	1	1	—	—	—	1	—	—
	76 Drowning ...	1	—	—	—	—	1	1	—	3	—	2	1	—	2	—	—
	77 Other Accidents	1	—	1	3	2	10	12	11	40	2	25	13	13	12	6	3
	78 Homicide ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	79 Suicide ...	—	—	—	—	1	9	5	1	16	2	6	8	2	5	—	2
Grand Totals ...		357	68	62	75	67	222	401	590	1842	245	992	605	396	218	239	16

Table 11.

Metropolitan Boroughs.—*Population, Birth and Death Rates and Infantile Mortality.*

BOROUGH.		Population estimated to the middle of 1911.	Births.	Deaths.	Birth Rate.	Death Rate.	Deaths of Infants under 1 year of age.	
							Number.	Rate per 1000 Births.
COUNTY OF LONDON	...	4521301	111738	67826	24·8	15·8	14440	129
West.								
Paddington	...	142513	3038	1897	21·4	14·3	387	127
Kensington	...	172203	3252	2349	18·9	14·7	432	133
Hammersmith	...	121766	2927	1891	24·1	16·2	428	146
Fulham	...	153705	4121	2203	26·9	15·0	517	125
Chelsea	...	66189	1269	1020	19·2	16·0	138	109
City of Westminster	...	159662	2358	1383	14·8	14·0	244	103
North.								
St. Marylebone	...	117761	2376	1772	20·2	16·1	257	108
Hampstead	...	85589	1276	923	14·9	10·9	99	78
St. Pancras	...	217941	5559	3371	25·6	16·2	624	112
Islington	...	327203	8108	4853	24·8	15·5	1032	127
Stoke Newington	...	50614	1045	658	20·7	13·6	107	102
Hackney	...	222623	5226	3185	23·5	15·0	621	119
Central.								
Holborn	...	49092	945	768	19·3	16·9	109	115
Finsbury	...	87566	2674	1728	30·6	20·5	418	156
City of London	...	19466	226	293	11·6	16·6	28	124
East.								
Shoreditch	...	111199	3533	2226	31·9	21·1	601	170
Bethnal Green	...	128144	4029	2320	31·5	18·3	610	151
Stepney	...	279309	8743	4833	31·4	18·1	1261	144
Poplar	...	162274	5015	3054	31·0	19·5	787	157
South.								
Southwark	...	191531	5693	3509	29·8	19·2	818	144
Bermondsey	...	125775	3908	2311	31·2	18·9	609	156
Lambeth	...	297957	7292	4430	24·5	15·4	897	123
Battersea	...	167712	4372	2391	26·1	15·3	540	124
Wandsworth	...	313453	6747	3743	21·6	12·6	823	122
Camberwell	...	261380	6399	3724	24·5	14·8	696	109
Deptford	...	109472	3000	1706	27·5	16·4	425	142
Greenwich	...	95973	2376	1409	24·8	15·0	305	128
Lewisham	...	161677	3420	1842	21·2	11·4	354	104
Woolwich	...	121487	2811	1555	23·2	13·7	273	97

Table 12.

Metropolitan Boroughs.—*Principal Infectious Diseases, Number of Deaths, and Rates per 1,000 of the Population.*

BOROUGH.	Enteric Fever.		Smallpox.		Measles.		Scarlet Fever.		Whooping Cough.		Diphtheria		Diarrhœa & Enteritis (under 2).		Phthisis.	
	Number.	Rate.	Number.	Rate.	Number.	Rate.	Number.	Rate.	Number.	Rate.	Number.	Rate.	Number.	Rate.	Number.	Rate.
COUNTY OF L'ND'N	144	0·03	9	0·00	2570	0·57	172	0·04	1038	0·23	612	0·14	5313	1·18	6084	1·35
West.																
Paddington ...	5	0·04	—	—	48	0·34	3	0·02	44	0·31	11	0·08	134	0·94	173	1·22
Kensington ...	4	0·02	—	—	94	0·55	2	0·01	54	0·31	18	0·10	146	0·85	159	0·93
Hammersmith ...	7	0·06	—	—	36	0·30	5	0·04	35	0·29	28	0·23	178	1·47	153	1·26
Fulham ...	8	0·05	—	—	64	0·42	7	0·05	28	0·18	27	0·18	213	1·39	224	1·46
Chelsea ...	—	—	—	—	30	0·45	1	0·02	10	0·15	5	0·08	55	0·83	96	1·45
City of Westm'er	4	0·03	—	—	23	0·14	3	0·02	26	0·16	14	0·09	63	0·40	193	1·21
North.																
St. Marylebone...	2	0·02	—	—	66	0·56	7	0·06	28	0·24	5	0·04	83	0·71	172	1·46
Hampstead ...	2	0·02	—	—	14	0·16	—	—	3	0·04	17	0·20	22	0·26	52	0·61
St. Pancras ...	7	0·03	—	—	108	0·50	12	0·06	55	0·25	37	0·17	201	0·92	342	1·57
Islington ...	12	0·04	—	—	130	0·40	21	0·06	70	0·21	51	0·16	365	1·12	405	1·24
Stoke Newington	1	0·02	—	—	28	0·55	3	0·06	18	0·36	3	0·06	28	0·55	55	1·09
Hackney ...	8	0·04	—	—	148	0·67	11	0·05	58	0·26	20	0·09	195	0·88	311	1·40
Central.																
Holborn ...	3	0·06	—	—	15	0·31	3	0·06	3	0·06	3	0·06	34	0·69	102	2·08
Finsbury ...	8	0·09	—	—	79	0·90	6	0·07	24	0·27	17	0·19	142	1·63	163	1·87
City of London...	—	—	—	—	1	0·05	1	0·05	1	0·05	1	0·05	10	0·52	31	1·60
East.																
Shoreditch ...	1	0·01	—	—	128	1·15	6	0·05	32	0·29	24	0·22	222	2·00	204	1·84
Bethnal Green ...	3	0·02	—	—	130	1·02	5	0·04	49	0·38	21	0·16	248	1·94	208	1·63
Stepney ...	6	0·02	7	0·03	303	1·09	7	0·03	49	0·18	32	0·11	468	1·68	493	1·77
Poplar ...	14	0·09	2	0·01	225	1·39	10	0·06	44	0·27	44	0·27	316	1·95	213	1·32
South.																
Southwark ...	5	0·03	—	—	120	0·63	6	0·03	64	0·34	30	0·16	298	1·56	326	1·71
Bermondsey ...	5	0·04	—	—	55	0·44	6	0·05	50	0·40	13	0·10	212	1·69	223	1·78
Lambeth...	12	0·04	—	—	112	0·38	8	0·03	67	0·23	43	0·14	336	1·13	419	1·41
Battersea ...	3	0·02	—	—	112	0·67	4	0·02	36	0·22	20	0·12	222	1·33	223	1·33
Wandsworth ...	9	0·03	—	—	230	0·74	10	0·03	70	0·22	33	0·11	293	0·94	277	0·89
Camberwell ...	5	0·02	—	—	112	0·43	7	0·03	45	0·17	25	0·10	276	1·06	350	1·34
Deptford ...	2	0·02	—	—	69	0·63	7	0·06	37	0·34	15	0·14	171	1·57	139	1·27
Greenwich ...	3	0·03	—	—	41	0·43	3	0·03	14	0·15	16	0·17	152	1·59	112	1·17
Lewisham ...	4	0·03	—	—	19	0·13	5	0·03	17	0·11	27	0·17	108	0·66	104	0·64
Woolwich ...	—	—	—	—	28	0·23	3	0·02	6	0·05	11	0·09	102	0·84	162	1·34

Table 13.

Residents and Non-Residents dying in Public Institutions situated in the Borough.

Institution.	Deaths of Residents.	Deaths of Non-Residents.	Total.
The Park Children's Hospital	2	110	112
Lewisham Union Infirmary	343	20	363
Lewisham Union Workhouse	28	1	29
Bermondsey (St. Olave's) Workhouse	—	74	74
St. John's Hospital ...	13	13	26
Home for Sick Children, Lower Sydenham ...	10	16	26
Greenwich Union Workhouse, Grove Park ...	—	3	3
Flower House, Southend Catford	—	2	2
Totals	396	239	635

Deaths of Residents

Of the Borough occurring in Public Institutions, etc., in districts outside, during the year 1911.

Fever Hospitals:— Brook, 23; South-Eastern, 14; South Western, 2; East Ham, 1.

Asylums for the Insane:— Banstead Asylum, 3; Bethlehem Royal Hospital, 2; Brookwood, 1; Cane Hill, 5; Camberwell House, 1; Caterham, 3; City of London Asylum, Stone, 1; Claybury, 2; Dartford Heath, 23; Hants County, 1; Horton, (Epsom) 2; Leavesden, 1; Long Grove, 2; Maidstone, 1; Manor, (Epsom) 1; Peckham House, 2; Tooting Bec, 1; Whitecroft, Carisbrooke, 1.

Hospitals and other Public Institutions. — Guy's, 18 ; Evelina, 6 ; St. Thomas's, 5 ; Cancer Hospital, Chelsea, 4 ; Charing Cross, 3 ; Seaman's Hospital, Greenwich, 3 ; Children's Hospital, Great Ormonde Street, 2 ; London, 2 ; Metropolitan, 2 ; Miller, 2 ; Royal Waterloo, 2 ; St. Bartholomew's, 2 ; Westminster, 2 ; Bermondsey Infirmary, Bristol Royal Infirmary, Bromley (Kent) Infirmary, Brompton Hospital, Camberwell Infirmary, Clapham Maternity Hospital, Eltham Cottage Hospital, Friedenheim Hospital, German Hospital, Great Northern Hospital, Greenwich Workhouse, Heart Hospital, Soho ; Home Hospital, Fitzroy Square ; Infant's Hospital, Vincent Square ; King Edward Hospital, Windsor ; King's College Hospital, Queen Mary's Hospital, Carshalton ; Royal Free Hospital, St. George's Hospital, St. Joseph's Hospice, Hackney ; Hospital of St. John and St. Elizabeth, and Sick Asylum, Bromley, E., 1 death in each.

Deaths of fifty residents occurred in various other places outside the Borough.

Table 14.**Meteriological Table for 1911.***(Records taken at Greenwich).*

1911. MONTH.	Barometer.	AIR TEMPE- RATURE.		Rainfall.	Bright Sunshine.	
	Mean pressure at 32° F. at Station Level (Bar. 159 ft. above M.S.L.)	Mean of			Total observed	Per cent. of possible.
		Maximum	Minimum			
	Ins.	o	o	Ins.	Hours	%
January ...	30·147	42·0	34·2	1·23	33	13
February ...	30·009	46·0	35·3	1·38	64	23
March ...	29·738	48·4	35·8	1·66	76	21
April ...	29·846	55·3	38·6	1·73	151	37
May ...	29·815	68·1	46·3	1·88	221	46
June ...	29·827	70·9	50·3	2·10	225	45
July ...	29·990	81·1	55·0	0·27	334	67
August ...	29·845	81·1	57·0	1·34	260	58
September ...	29·892	72·1	47·9	1·34	234	62
October ...	29·742	57·4	43·9	3·30	97	29
November ...	29·569	49·2	38·4	3·42	55	21
December ...	29·577	48·6	39·7	4·02	41	17
MEANS ...	29·833	60·0	43·5	23·67	1791	—
				TOTAL	TOTAL	

NOTIFIABLE INFECTIOUS DISEASES.

PART 2.

INFECTIOUS DISEASES.

NOTIFIABLE INFECTIOUS DISEASES.

The infectious diseases notifiable under Section 55 of the Public Health (London) Act, 1891, are:—Small-Pox, Cholera, Diphtheria, Membranous Croup, Erysipelas, the diseases known as Scarlatina or Scarlet Fever, and the Fevers known by any of the following names:—Typhus, Typhoid, Enteric, Relapsing, Continued or Puerperal. Cerebro-Spinal Meningitis, Ophthalmia Neonatorum, and Polio-Myelitis or Polio-Encephalitis, have now been added to this list.

The total number of cases notified during the year amounted to 860, of which number 630, or 73·25 per cent., were removed for isolation to the Metropolitan Asylums Board's Hospitals or other Institutions. In 25 instances, or 3·96 per cent. of the cases removed, the Hospital authorities returned the patient as *not suffering* from any notifiable disease. Deducting these from the gross total, we have a corrected total of 835 cases of infectious disease notified as occurring in the Borough during the year, a decrease of 13 compared with the total for the preceding year, which was 848. In 1909, 1,390 cases were notified.

Owing to a slight outbreak of Small-Pox in London, Chicken-Pox was made compulsorily notifiable for a period of three months, from 22nd March to 22nd June. During this time 129 cases were notified.

Age Periods.—41·24 per cent. of the Scarlet Fever cases, compared with 48·7 per cent. in 1910, and 49·84 per cent. of the Diphtheria cases, compared with 47·6 per cent. in 1910, occurred among children aged six years and under.

The following figures show the percentage of cases occurring among children of the age of six years and under to the total notifications of Scarlet Fever and Diphtheria :—

Age.	Scarlet Fever.			Diphtheria.		
	1909.	1910.	1911.	1909.	1910.	1911.
6 years and under	45.6%	48.7%	41.24%	49.9%	47.6%	49.84%
5 " "	35.3%	37.0%	30.56%	37.1%	34.7%	35.56%
4 " "	25.5%	24.1%	20.47%	25.2%	23.3%	24.92%

Table 15.

Age Periods of Scarlet Fever and Diphtheria, notified during the year 1911.

AGE PERIODS.	SCARLET FEVER.		DIPHTHERIA	
	Number of Cases.	Percentage to Total Cases	Number of Cases.	Percentage to Total Cases.
Under 1 year	4	1.18	7	2.06
1 to 2 years	11	3.26	7	2.06
2 " 3 "	16	4.74	19	5.77
3 " 4 "	17	5.04	16	4.86
4 " 5 "	21	6.23	33	10.03
5 " 10 "	166	49.25	153	46.50
10 " 15 "	65	19.29	55	16.71
15 " 25 "	25	7.42	24	7.29
25 years and over	12	3.59	15	4.56
At all ages	337	100.00	329	100.00

Attack Rates represent the number of cases occurring to every 1,000 persons living at all ages. These rates are useful for comparison with other Boroughs in regard to the incidence of infectious diseases. (*See Table 18*).

The attack rate from all infectious diseases (excluding Puerperal Fever) during the year amounted to 5.11 per 1,000 of the population, compared with 5.12 in 1910, and 8.64 in

1909. The attack rate for the County of London was 5·31, compared with 4·43 in 1910.

The attack rates for the Wards will be found in Table 17. It will be seen that Lewisham Park Ward had the largest number of cases in proportion to its population, having an attack rate of 6·82 per 1,000. The lowest attack rate was in South Ward, 2·84 per 1,000.

Table 16.

Number of Cases of Infectious Diseases notified in the Ten Wards and the Whole Borough during the Year 1911.

Wards.	Scarlet Fever	Diphtheria.	Enteric Fever	Erysipelas.	Puerperal Fever.	Cerebro-Spinal Fever.	Ophthalmia Neonatorum.	Polio-Myelitis or Polio-Encephalitis	Total.
1 Church	8	11	1	2	—	—	—	—	22
2 Manor	22	17	1	7	—	—	—	—	47
3 South	9	7	—	2	—	—	—	—	18
Lee Division	39	35	2	11	—	—	—	—	87
4 Blackheath	10	8	—	5	1	—	2	—	26
5 Lewisham Village	15	25	2	13	1	—	4	—	60
6 Lewisham Park	41	54	2	15	2	—	2	1	117
7 Brockley	46	15	—	5	—	—	1	—	67
8 Catford	89	78	15	16	1	—	2	2	203
Blackheath & Lewisham Division	201	180	19	54	5	—	11	3	473
9 Forest Hill	28	45	4	18	—	—	2	—	97
10 Sydenham	69	69	10	20	6	1	3	—	178
Sydenham & Forest Hill Division	97	114	14	38	6	1	5	—	275
Whole Borough ...	337	329	35	103	11	1	16	3	835

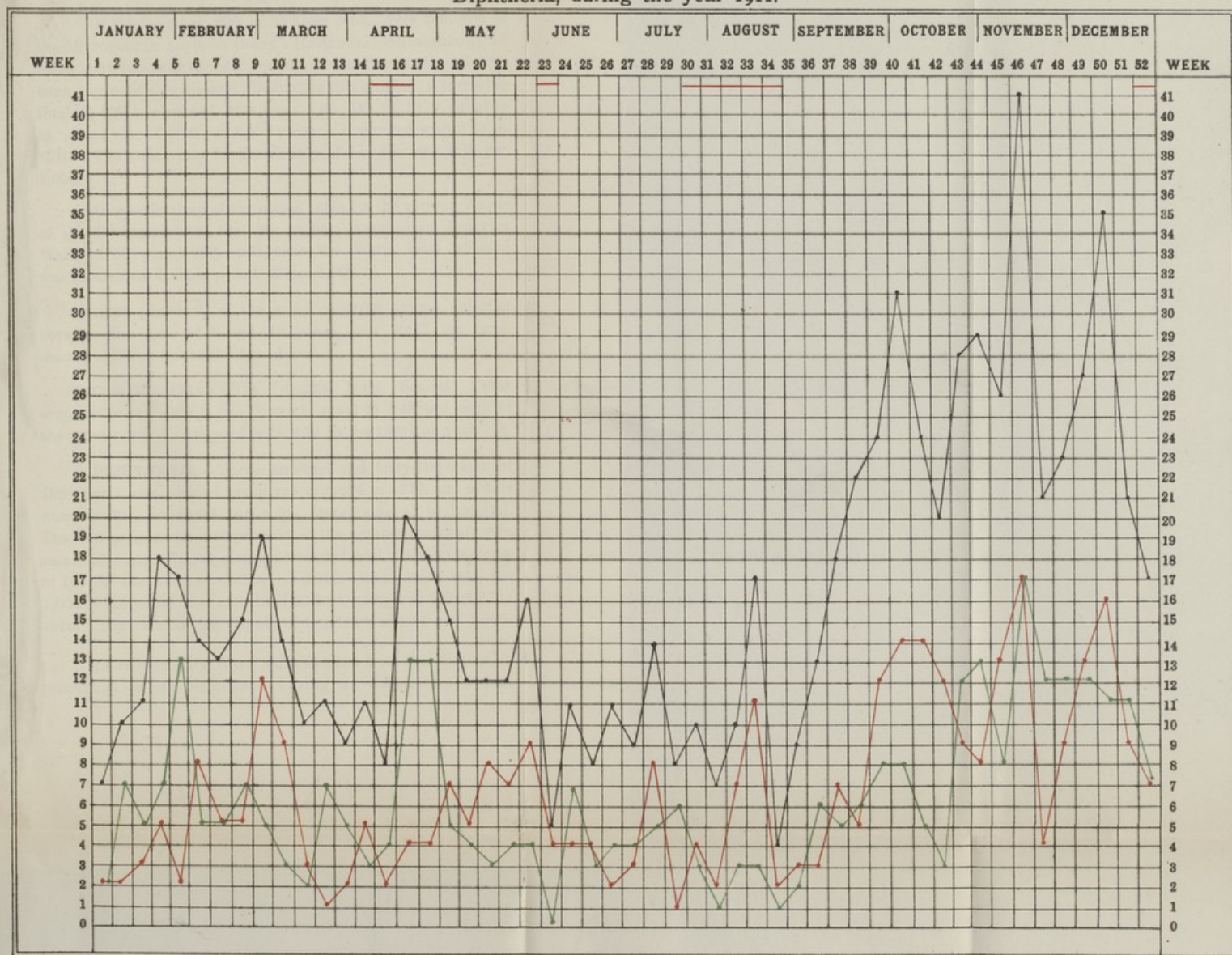
Table 17.

Attack rates from the Principal Infectious Diseases per 1,000 of the population for the ten Wards, and the whole Borough in the years 1908-1911.

WARDS.	DISEASES															
	Scarlet Fever				Diphtheria				Enteric Fever				Erysipelas			
	1908	1909	1910	1911	1908	1909	1910	1911	1908	1909	1910	1911	1908	1909	1910	1911
Church	3·34	3·50	4·01	1·34	0·55	2·24	0·69	1·35	0·26	—	—	0·16	0·69	0·14	0·27	0·33
Manor	4·43	4·19	4·12	2·73	1·56	2·88	0·64	11	—	0·26	0·25	0·12	0·78	1·17	0·90	0·87
South	5·94	7·05	2·80	1·42	2·77	1·76	0·17	1·10	0·52	—	0·52	—	0·69	1·23	—	0·31
Blackheath	3·27	4·77	2·30	1·53	2·71	0·72	1·29	1·22	—	0·14	0·14	—	0·28	1·01	0·43	0·76
Lewisham Village	4·14	2·54	1·74	1·02	3·82	1·69	0·64	1·70	0·06	—	0·12	0·13	0·64	0·39	0·38	0·88
Lewisham Park	4·31	7·91	4·48	2·43	2·71	2·15	1·16	3·21	0·53	0·05	0·14	0·11	0·75	0·82	0·58	0·89
Brockley	2·89	6·16	2·79	3·05	4·13	2·16	1·07	0·99	0·08	0·08	—	—	0·49	0·99	0·16	0·33
Catford	5·27	5·95	2·54	2·26	3·60	2·75	1·17	1·98	0·11	0·11	0·22	0·38	0·55	0·56	0·28	0·41
Forest Hill	3·09	3·96	2·54	1·34	2·72	1·95	1·18	2·16	0·26	0·16	0·05	0·19	0·53	0·54	0·43	0·86
Sydenham	1·82	6·95	4·83	2·50	2·15	2·48	2·43	2·50	0·16	0·13	0·19	0·36	0·43	0·53	0·35	0·72
Whole Borough	3·77	5·63	3·29	2·09	2·87	2·25	1·27	2·04	0·19	0·10	0·16	0·22	0·56	0·65	0·37	0·64

CHART C.

Showing Weekly Notifications of all Infectious Diseases and of Scarlet Fever and Diphtheria, during the year 1911.



REFERENCES.

Total Notifications	shown in	Black	●—●—●—●
Scarlet Fever	"	Red	●—●—●—●
Diphtheria	"	Green	●—●—●—●
School Holidays	shown thus		— — — — —

CHART C

Showing Weekly Notifications of all Infectious Diseases and of Scarlet Fever and
Exanthematous conditions the year 1911

FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



SCARLET FEVER.—The total number of cases notified during the year amounted to 348, compared with 573 in 1910.

Of this number, 290, or 83·3 per cent., were removed to the Metropolitan Asylums Board's Hospitals. Subsequently 11 cases were returned to their homes and stated not to be suffering from any notifiable disease. Deducting this number, a corrected total of 337 is obtained, compared with 542 in 1910, equal to an attack rate of 2·09 per 1,000 persons, compared with 3·29 in 1910. The attack rate for the County of London was 2·33 per 1,000.

An examination of the attack rates for the various Wards of the Borough shows that the highest occurred in Brockley Ward (3·05 per 1,000) and that the Ward least affected was Lewisham Village, with 1·02 per 1,000.

49·25 per cent. of the cases occurred among children between the ages of 5 and 10 years, and 20·47 per cent. among children under the age of five.

Case Mortality.—Five deaths from Scarlet Fever occurred to residents in the Borough, equal to 1·48 per cent. of the cases notified, compared with 2·21 in the previous year.

DIPHTHERIA.—Three hundred and forty-two cases of Diphtheria were notified, compared with 224 in 1910, and of this number 291, or 85·08 per cent., were removed to hospital. Thirteen patients (or 4·46 per cent. of the number removed) were returned as not suffering, giving a corrected total of 329, an increase of 119 on the number notified in 1910. The attack rate per 1,000 of the population amounted to 2·04, compared with 1·27 in 1910. The rate for the County of London was 1·64 per 1,000.

Lewisham Park Ward suffered most from this disease, in proportion to its population, having an attack rate of 3·21

per 1,000. Brockley Ward, Lee, was least affected, having an attack rate of 0·99 per 1,000.

Case Mortality.—Twenty-seven deaths occurred from this disease, equal to 8·20 per cent. of the cases notified, compared with 9·05 per cent. in 1910.

ENTERIC or TYPHOID FEVER.—Thirty-six cases were notified, 22 of which were removed to Hospital. One case was returned home as not suffering, giving a corrected total of 35, an increase of 8 on the previous year.

The attack rate for the whole Borough was 0·22 per 1,000, compared with 0·16 in 1910.

The case mortality equalled 11·4 per cent., against 11·1 per cent. in 1910.

ERYSIPELAS.—103 cases of Erysipelas were notified, compared with 62 in the preceding year. Sixteen cases were removed to the Lewisham Infirmary and other Institutions.

PUERPERAL FEVER.—Eleven cases of Puerperal fever were notified, five of which were removed to the Infirmary for treatment. Three of the cases proved fatal

CEREBRO-SPINAL FEVER.—One case of Cerebro-Spinal Fever was notified during the year. The patient was removed to the South Eastern Hospital for treatment.

OPHTHALMIA NEONATORUM.—Since the date that Ophthalmia Neonatorum became notifiable (13th March, '11), sixteen cases were notified, 5 of which were removed to Hospital for treatment.

POLIO-MYELITIS or POLIO-ENCEPHALITIS.—This disease was made notifiable 1st September, '11. Since then three cases have been notified. All of the patients were treated at home.

Table 18.

Attack Rates per 1,000 persons living at all ages from Small-Pox, Scarlet Fever and Diphtheria in the Metropolitan Boroughs and the County of London for the Years 1908-1911.

Borough.	Small-Pox.				Scarlet Fever.				Diphtheria.				All Notifiable Infectious Diseases.			
	1908.	1909.	1910.	1911.	1908.	1909.	1910.	1911.	1908.	1909.	1910.	1911.	1908.	1909.	1910.	1911.
Battersea ...	—	—	—	—	6.16	3.95	2.60	2.12	1.96	1.55	1.21	1.34	9.18	6.71	5.06	4.65
Bermondsey ...	—	—	0.01	—	4.93	3.61	2.87	2.42	1.94	1.55	1.65	2.03	8.68	6.60	5.90	5.88
Bethnal Green...	—	0.01	—	0.03	7.58	4.32	1.80	1.91	2.09	1.40	1.39	1.58	12.19	7.29	5.45	5.71
Camberwell ...	—	0.00	—	0.01	3.70	3.62	1.79	2.44	1.40	1.33	0.95	1.35	6.09	6.00	3.82	4.90
Chelsea ...	—	—	—	—	2.28	4.09	1.59	2.17	1.85	1.31	1.10	1.26	5.07	6.13	3.21	4.34
Deptford ...	—	—	—	0.01	6.05	3.16	2.52	3.43	1.74	1.65	1.09	1.51	9.48	6.72	5.06	6.75
Finsbury ...	—	—	—	0.01	4.19	2.53	1.75	2.05	1.74	1.76	1.59	2.05	7.44	5.88	5.53	7.58
Fulham...	—	—	—	—	3.42	2.91	1.96	2.49	2.29	1.83	1.42	2.05	6.76	5.82	4.22	5.56
Greenwich ...	—	—	—	—	3.86	3.52	1.52	3.16	2.01	1.47	1.49	3.26	6.32	6.21	4.02	7.79
Hackney ...	0.01	0.00	—	0.02	5.34	3.31	1.68	2.77	1.63	1.11	0.79	1.42	8.31	5.87	3.87	6.10
Hammersmith...	—	—	—	—	3.12	3.10	2.68	1.97	1.62	1.53	1.30	1.61	5.59	5.48	4.80	4.63
Hampstead ...	—	—	—	—	2.97	2.76	1.51	1.52	0.68	0.50	0.53	1.77	4.34	3.80	2.61	4.04
Holborn ...	—	0.02	—	—	3.51	1.81	1.28	2.45	0.90	0.88	0.85	1.74	5.73	3.85	3.39	5.19
Islington ...	—	0.01	0.00	0.00	3.98	3.67	2.07	2.47	1.49	1.23	1.34	1.82	6.46	5.85	4.32	5.36
Kensington ...	—	—	—	—	2.44	2.29	1.43	1.37	1.28	0.97	0.84	1.28	4.73	4.30	3.31	3.52
Lambeth ...	—	—	—	0.00	4.45	3.62	2.78	2.58	1.06	1.17	1.00	1.36	6.44	5.58	4.67	4.99
Lewisham ...	—	—	—	—	3.77	5.63	3.29	2.09	2.87	2.25	1.27	2.04	7.41	8.64	5.12	5.11
London, City of	—	0.06	—	—	2.71	2.09	1.23	1.18	1.48	1.05	1.17	1.18	5.06	4.03	3.63	3.54
Paddington ...	—	—	—	0.01	4.45	4.16	1.71	1.60	0.98	1.21	0.79	1.21	6.36	6.28	3.47	3.92
Poplar ...	—	—	0.01	0.01	7.34	4.26	2.73	2.32	1.81	1.24	1.02	1.77	10.68	6.92	5.44	5.82
St. Marylebone	—	—	—	—	3.19	3.64	1.67	2.80	0.92	0.90	1.02	1.15	5.42	5.80	3.85	5.06
St. Pancras ...	0.01	0.00	—	—	3.95	3.26	2.87	2.04	1.28	1.35	1.11	1.94	6.18	5.53	5.11	5.22
Shoreditch ...	—	—	0.02	0.03	5.12	2.97	1.87	2.16	1.79	1.62	1.15	1.58	8.94	6.42	4.67	5.42
Southwark ...	—	0.01	—	—	3.62	2.80	1.98	2.48	1.26	1.22	1.34	1.54	6.26	5.29	4.82	5.94
Stepney ...	—	0.03	—	0.14	7.45	3.33	1.77	1.68	2.08	1.87	1.29	1.86	11.23	7.07	4.75	5.75
Stoke Newington	—	—	—	—	3.68	2.03	1.55	1.96	1.18	0.52	0.97	1.58	5.59	3.32	3.32	4.49
Wandsworth ...	—	—	—	—	4.28	3.36	2.23	2.78	2.01	1.25	0.94	1.64	7.25	5.58	4.02	5.27
Wtmstr., City of	0.01	0.01	0.01	0.01	3.61	3.50	1.48	1.60	1.08	1.34	0.89	0.92	5.44	5.64	3.08	3.24
Woolwich ...	—	—	0.01	—	4.50	7.72	3.89	4.24	2.76	2.01	1.27	1.96	8.13	10.65	5.79	7.03
London County	0.00	0.00	—	0.02	5.53	3.58	2.16	2.33	1.64	1.39	1.13	1.64	7.36	6.12	4.43	5.31

NOTE.—These rates do not include Chicken-pox, which was made notifiable for a period of three months from 22nd March to 22nd June, 1911.

NON-NOTIFIABLE INFECTIOUS DISEASES.

The principal infectious diseases which are not compulsorily notifiable by medical practitioners, are Measles, Whooping Cough, Chicken-Pox, Mumps, and Ringworm. The existence of these diseases in children attending the elementary schools is brought to our notice by the Head Teachers, and, also, in the case of Measles, by the School Attendance Officers.

The following is a summary of the cases notified from Schools:—

			Number of children suffering.	Children excluded on account of infection in their homes.
Measles	...	...	2047	871
Whooping Cough	...	...	208	44
Chicken-Pox	...	...	410	155
Mumps	...	...	216	4
Ringworm	...	...	181	—

Measles.—The number of measles cases notified was much in excess of previous years, 2,047 cases being brought to our notice compared with 1,001 in 1910. Fortunately, in comparison with the large number of cases which existed, the mortality was very low, only nineteen deaths being recorded, and, according to the Registrar General's figures, the death rate from this disease was lower in this Borough than in any of the Metropolitan Boroughs.

The outbreak occurred in January, and was most severe during February. The disease is not notifiable by medical practitioners, and we were greatly indebted to the School Teachers for the prompt manner in which they notified actual or suspected cases, which enabled us to follow up cases at the homes of the infected or suspected children. In this work your women sanitary inspectors rendered most valuable assistance.

After personal investigation it was necessary in several cases to temporarily close certain class-rooms, or exclude all

infants under the age of five, from Schools in the infected areas, notwithstanding the fact that in some cases the London County Council, as the Education Authority, attempted to deal with the position by ordering the exclusion only of unprotected children, in my opinion a useless measure owing to the impossibility of ascertaining which children are unprotected. Many parents still fail to recognise the seriousness of measles, and are not disposed to admit that their children are unprotected, knowing that they will be excluded. Experience has shown us that it is useless to rely on this system. The only way to check the spread of the disease is to close the affected classrooms sufficiently early and to exclude altogether infants under five, who run the greatest risk in continuing school attendance in an affected area.

Much benefit has followed the recent provision by the Metropolitan Asylums Board of Hospital accommodation for cases which could not properly be treated in their own homes.

SCHOOLS.

The following is a list of Schools in which classrooms were closed with a view of preventing the spread of infection.

On account of Measles

BROWNHILL ROAD COUNCIL SCHOOL.—Whole of Infants Department, three weeks, 23rd February.

CHRIST CHURCH SCHOOL, FOREST HILL.—Classroom A, Infants' Department, three weeks, 10th March.

CHURCH STREET SCHOOL, LEE.—Infants' Department closed three weeks, 24th January.

DALMAIN ROAD COUNCIL SCHOOL.—Classrooms F and H, Infants' Department, three weeks, 16th May.

KILMORIE ROAD COUNCIL SCHOOL.—Classroom B, Infants' Department, three weeks, 22nd February.

NORTHBROOK SCHOOL, LEE.—Classrooms A, B, C and D, Infants' Department, three weeks, 10th January.

RATHFERN ROAD COUNCIL SCHOOL.—Classroom B, Infants' Department, three weeks, 1st December.

SANDHURST ROAD COUNCIL SCHOOL.—Classroom C, Infants' Department, three weeks, 20th February.

SANDHURST ROAD COUNCIL SCHOOL.—Whole of Infants' Department, three weeks, 27th February.

STILLNESS ROAD COUNCIL SCHOOL.—Classroom B, Infants' Department, three weeks, 23rd February.

TORRIDON ROAD COUNCIL SCHOOL.—Classroom E, Junior Mixed Department, three weeks, 20th February.

On account of Diphtheria.

ST. BARTHOLOMEW'S SCHOOL, SYDENHAM.—Infant's Department, three weeks, 4th December.

Exclusion of Infant Scholars from School:—

In the following Schools all children under the age of compulsory school attendance, *i.e.*, five years old, were excluded for periods of three weeks, when Measles was prevalent in the neighbourhood.

All Saints' School, Blackheath, 15th March and 29th May.
Baring Road Council School, 13th March.

Brockley Road Council School, 20th March and 3rd May.

Brownhill Road Council School, 15th March.

Christ Church School, Forest Hill, 28th February.

Church Street School, Lee, 18th January and 10th June.

Dalmain Road Council School, 1st March.

The "Ennersdale" Council School, 1st February and
28th February.

Gordonbrock Council School, 24th May and 6th March

Haseltine Road Council School, 20th March and 1st May.

Hither Green Council School, 15th March and 24th May.

Holbeach Road Council School, 20th February.

Holy Trinity School, Forest Hill, 15th March.
 Kilmorie Road Council School, 15th March.
 Lewisham Bridge Council School, 8th March.
 Northbrook School, Lee, 28th February and 4th July.
 Plassy Road Council School, 27th February and 15th May.
 Rathfern Road Council School, 15th March, 4th May, and
 15th November.
 St. Mary's School, Lewisham, 8th February, 15th March,
 and 24th May.
 St. Mary Magdalene R.C. School, Brockley, 21st March.
 St. Phillip's School, Wells Road, Sydenham, 1st February
 and 25th May.
 St. Stephen's School, Lewisham, 15th March and 11th
 November.
 Sandhurst Road Council School, 15th March.
 Stillness Road Council School, 15th March and 24th May.
 Torridon Road Council School, 15th March.

PULMONARY TUBERCULOSIS.

During the year 348 notifications of Pulmonary Tuberculosis were received, relating to 213 fresh cases. 95 of these cases were notified by Poor Law Medical Officers, 89 by the Medical Officers of various Hospitals and Sanatoria, and 29 voluntarily by medical practitioners.

In some instances of voluntarily notified cases, requests were made by the medical practitioner certifying, that no visit should be made to the home by officers of the Public Health Department.

From the remainder, 165 cases were selected in which it was thought a visit would be beneficial, and the women inspectors made 218 visits for this purpose, giving advice as to precautions to be adopted in the home. Of the 165 cases so visited, it was found that in 92 instances previous cases of the disease had existed in the same family. In many cases it was found to be difficult to obtain separate sleeping accommodation for the sufferer, and of the 165 cases visited separate accom-

modation could only be secured in 67 instances. There is every reason to believe that the visits to the homes made by the women inspectors, and the advice and instruction given by them, proved beneficial. The establishment of a Central Tuberculosis Dispensary in the Borough, and greater facilities for the admission of suitable cases to Sanatoria, are urgently needed.

BACTERIOLOGICAL EXAMINATIONS.

Facilities were continued for the examination of specimens from doubtful cases of Diphtheria, Phthisis and Typhoid Fever. The total number of specimens examined was 662, compared with 466 in the previous year. The details of the examinations were as follows :—

		1905.	1906.	1907.	1908.	1909	1910.	1911.
<i>re</i> Diphtheria	<i>negative</i>	72	148	248	269	392	237	369
	<i>positive</i>	34	68	93	144	146	79	125
	<i>doubtful</i>	1	1	2	4	12	10	16
<i>re</i> Phthisis	<i>negative</i>	22	41	55	50	48	74	79
	<i>positive</i>	7	20	21	36	26	38	48
<i>re</i> Typhoid Fever	<i>negative</i>	4	6	15	21	19	23	14
	<i>positive</i>	2	3	3	9	2	5	11
	<i>doubtful</i>	—	—	—	1	2	—	—
Food Samples, &c.		2	9	13	4	3	—	—
Totals		144	296	450	538	650	466	662

SMALL-POX AND PLAGUE CONTACTS.

Information was received from various Port Medical Officers of the arrival in this district of persons who had been in contact with small-pox and plague patients, or had come from an infected port. These persons were immediately visited, and kept under observation during the full period of incubation. In no case was there any development of the disease. The number of contacts visited was :—Small-pox 8, and Plague 2.

Table 19.

Water Consumption Granted the various industries and

the City of New York from 1900 to 1909.

1900-1909.

Water Consumption Granted

1900 1901 1902 1903 1904 1905 1906 1907 1908 1909

City

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

PART 3.

GENERAL.

Table 19.

Water Certificates Granted *after inspection in accordance with*
Section 48 of the Public Health (London) Act, 1891, during
the years 1905-1911.

Ward.	Number of Water Certificates Granted.						
	1905	1906	1907	1908	1909	1910	1911
Church	40	23	33	29	17	24	2
Manor	9	7	46	101	68	34	43
South	33	47	13	17	10	7	6
Lee Division	82	77	92	147	95	65	51
Blackheath ...	5	1	—	—	4	—	23
Lewisham Village	10	5	24	11	15	20	9
Lewisham Park	67	114	55	87	17	29	30
Brockley ...	154	120	84	72	94	76	68
Catford	297	258	322	177	122	90	108
Lewisham Division	533	498	485	347	252	215	238
Forest Hill ...	95	63	30	42	8	22	9
Sydenham ...	208	156	157	98	57	99	40
Sydenham & Forest Hill Division ...	303	219	187	140	65	121	49
Whole Borough	918	794	764	634	412	401	338

Table 20.

**Houses Examined and Certified under the Customs and Inland
Revenue Acts during 1911.**

Name of Street or Road.	Applications Received.		Certificates Granted.		Certificates Refused.	
	Number of Houses.	Number of Tenements	Number of Houses.	Number of Tenements	Number of Houses.	Number of Tenements
Belmont Park ...	1	3	1	3	—	—
Benin Street ...	9	18	7	14	2	4
Blashford Street ...	5	10	5	10	—	—
Burnt Ash Hill ...	4	8	4	8	—	—
Butterfield Street ...	8	8	8	8	—	—
Elthruda Road ...	2	4	2	4	—	—
Fransfield Grove ...	2	4	2	4	—	—
George Lane ...	6	12	6	12	—	—
Glenton Road ...	7	14	7	14	—	—
Handen Road ...	1	2	1	2	—	—
High Road, Lee ...	8	16	7	14	1	2
Hither Green Lane ...	10	20	10	20	—	—
Holmshaw Road ...	3	6	3	6	—	—
Lanier Road ...	6	12	4	8	2	4
Leyland Road ...	3	7	3	7	—	—
Littlewood ...	11	22	11	22	—	—
Manor Park ...	1	3	1	3	—	—
Marlborough Road ...	1	2	1	2	—	—
Mount Pleasant Road...	2	4	2	4	—	—
Ronver Road ...	51	55	51	55	—	—
Bushey Green ...	1	2	—	—	1	2
Woodlands Street ...	6	12	6	12	—	—
Totals ...	148	244	142	232	6	12

SANITARY INSPECTION.

During the year the district Sanitary Inspectors, inspected 5,531 premises, necessitating 17,224 subsequent visits to examine works ordered to be carried out to remedy the nuisances discovered. The details are set out in Table 25.

THE HOUSING, TOWN PLANNING, &c. ACT, 1909.

Sections 15 and 17 of the Housing, Town Planning, &c. Act

Section 15 of the Act provides for the keeping of houses let to persons of the working class in all respects in a fit state for habitation, where any house or part of a house is let at a rental not exceeding £40 per annum, and for a term of less than three years.

Authority is given for entry at all reasonable times of the day by any persons authorised in writing by the Local Authority, on 24 hours written notice being given to the tenant.

The Local Authority are authorised to require the landlord to execute the necessary works within 31 days by notice.

If the landlord fails to comply with the notice within the time specified, the Local Authority may enter and do the work, and recover the expenses from the landlord.

The landlord may appeal to the Local Government Board against the notice of the Local Authority or their demand for expenses in carrying out the work.

Section 17 imposes upon the Local Authority the duty of causing to be made from time to time an inspection of their district with a view of ascertaining whether any house is in such a state as to be unfit for habitation, and specifies the procedure for closing houses unfit for habitation.

Taking these Sections into consideration, together with the Circular letter issued by the Local Government Board with

the Inspection of District Regulations, there is no doubt that the Local Government Board will require a more extensive inspection of working class dwellings throughout the district than has hitherto been made. It is also probable that the Health Insurance Commissioners will also insist upon increased inspection.

The number of houses in the Borough in March 1911 is estimated from the rate-books to be 32,453. Of this number 29,300 are let at a rental not exceeding £40 per annum. A knowledge of the condition of these houses, and the particulars required by the Local Government Board, can only be obtained by systematic inspection.

Of the 29,300 houses let at rentals not exceeding £40, a very large number are let for periods of less than three years.

The mere inspection by an officer does not present any great difficulty. It is the keeping of the records, the service of notices, the frequent subsequent visits to see that the required works are executed which takes the time. Recognising this fact, your Council have appointed an additional Inspector for this special work.

The details of the records which must be kept, and the items upon which particular information is required, are set out in Articles II. and III. of the Inspection of District Regulations, as follows :—

1. The situation of the dwelling-house, and its name or number,
2. The name of the officer who made the inspection.
3. The date when the dwelling-house was inspected.
4. The date of the last previous inspection and a reference to the record thereof,

5. The state of the dwelling-house in regard to each of the matters referred to in Article II. of these Regulations,
6. Any action taken by the Medical Officer of Health, or other Officer of the local authority, either independently or on the directions of the local authority,
7. The result of any action so taken,
8. Any further action which should be taken in respect of the dwelling-house.

There is little doubt that in the Borough of Lewisham there exists ample housing accommodation for the working classes. It may fairly be stated that the supply up to the present has exceeded the demand, less marked perhaps since the advent of electric tramways in Catford.

The condition of the premises can only be ascertained by a house-to-house inspection, and at present we have two Inspectors engaged in this duty. During the year 1911, 781 houses were inspected. The nuisances found during these inspections were chiefly dirty premises, due to the filthy habits of the tenants.

Overcrowding was found in seven instances only. This is a condition which can seldom be detected in the ordinary course of the inspection, without some outside information, and is exceedingly difficult to prove, as an inspection cannot be made at night, the only time at which overcrowding can be proved.

During 1911 representations were made in respect to five houses, with a view to closing orders being made, and closing orders were made in regard to the following premises :—

20a, Dalmain Road, Forest Hill.

28, Russell Street, Sydenham.

For many years one Inspector has been employed in house-to-house inspection in such portions of the Borough as was, from time to time, deemed necessary. The inspections are made with the view of discovering any nuisances, or conditions, prejudicial to the health of the occupants. These investigations practically cover the details set out in Article II, of the Housing Regulations, issued by the Local Government Board in 1910.

HOUSE TO HOUSE INSPECTION.

The following is a list of the roads in which a systematic inspection was carried out during the year 1911, by the house-to-house Inspector :—

			No. of houses in street.
Beadnell Road, Forest Hill	...	...	72
Boones Road, Lee	...	...	40
Church Street, Lee	...	...	61
Dalmain Road, Forest Hill	...	...	123
Edney Street, Sydenham	...	...	18
Ewart Road, Forest Hill	...	...	123
Malham Road, Forest Hill	...	...	130
Royal Oak Place, Lee	...	...	19
Springfield, Sydenham	...	...	48
Taunton Road, Lee	...	...	124
Turner Road, Lee	...	...	49

In 97 of these houses no nuisance was found, and the following is a summary of the defects discovered, and for

which it was necessary to serve notices upon the respective owners :—

Dirty premises	...	...	...	382
Drains defective	...	...	...	36
Vent shafts and soil pipes defective	..			170
Water closets and apparatus foul or defective				170
Water closets with insufficient water supply				130
Sink waste pipes defective or non-existent...				123
Yard traps and gullies defective	...	...		20
Rain-water pipes defective	...	...		104
Rain-water gutters defective	...	...		116
Floors, walls, &c., dilapidated	...	...		145
Roofs leaky and defective	...	...		215
Window frames, &c., defective	...	...		109
Walls damp	...	...	...	133
Floors insufficiently ventilated	...	...		24
Ashpit accommodation, absence of	..			191
Yard paving defective or dilapidated	...			159
Drinking water cisterns, absence of cover	...			172
Accumulations of refuse	...	...		5
Other nuisances	...	...	...	74
Total				2,391

569 houses each contained *one* family.

209 „ „ „ *two* families.

3 „ „ „ *three* „

COMBINED DRAINAGE.

The combined drains of the undermentioned premises were found to be in bad order and condition, and by order of the Council notices were served upon the respective owners,

under the provisions of the Metropolis Management Acts, requiring the necessary alteration and amendment of the drains. In the case of the premises marked with an asterisk, the notices were not complied with and the work was subsequently executed by the Council and the cost of the same charged to and recovered from the respective owners:—

“Suffield” and “Claremont,” Addington Grove* ; Nos. 4 and 6, Brownhill Road ; Nos. 24, 26, 28 and 30, Church Road, Forest Hill ; Nos. 1, 3 and 5, Cranston Road* ; Nos. 33, 35, 37 and 39, Cressingham Road* ; Nos. 194 and 196, Devonshire Road* ; Nos. 1, 2, 3, 4 and 5, Longton Grove Terrace* ; Nos. 26, 28, 30, 32 and 34, Perry Hill* ; Nos. 12, 14, 16, 18, 20, 22 and 24, Sandrock Road* ; Nos. 24 to 40, Springfield, and 1, 2, 3 and 4, Springfield Cottages* ; Nos. 4, 5 and 6, Albert Villas, and Durham and Plumbley Cottages, Sydenham Hill Road* ; Nos. 54, 56, 58 and 60, Vancouver Road* ; Nos. 73 and 75, Willow Walk, Sydenham* ; Nos. 9, 11, 13, 15, 17 and 19, Wisteria Road ; Nos. 19 and 20, Wynell Road.*

SMOKE NUISANCES.

The Inspector entrusted with the duty of keeping observation for the emission of black smoke, made 317 investigations during the year, compared with 259 during 1910. The details of his observations are as follows:—laundries 91, breweries 5, silk mills 2, preserve works 88, flour mills 22, railway locomotives 24, saw mills 4, public institutions 40, bakehouses 8, sewer works 50, miscellaneous premises 9.

The duration of the observations varied from $\frac{1}{4}$ -an-hour to 1 hour each. In consequence of offences observed, 11 intimation notices were served and 1 statutory notice. No legal proceedings were instituted.

CORONER'S COURT AND MORTUARY.

One hundred and fifty-two bodies were removed to the public Mortuary, eighteen being from districts outside the Borough. Inquests were held on 141 cases, and 78 *post-mortem* examinations made. The portion of the mortuary specially allocated for infectious cases was not used.

DISINFECTION.

During the year 2,638 rooms were disinfected by formalin spray, and textile articles such as bedding, clothing, &c., (in all 31,298 articles), removed from infected homes to the Council's Disinfecting Station for treatment in the steam disinfecter.

UN SOUND FOOD.

The following articles of food were surrendered by the owners as unfit for human food and subsequently destroyed:—

1½-stones hake; 206 lbs. beef; 1 box kippers; 12 boxes tomatoes; 2 boxes codfish; 1 sack winkles; 1 sack potatoes; 1 box codlings; ½-stone soles; 1 box haddock; 1 trunk haddock; 1 box mackerel.

THE NOTIFICATION OF BIRTHS ACT, 1907.

During the year 3455 notifications of births were received, in addition to 97 notifications relating to stillborn children. In 425 cases the notification was only received after a letter had been sent to the father from this Department, the Registrar's returns having revealed the fact that no notification had been received. In these instances of failure to notify, ignorance of the Act was pleaded in almost every case.

Certain homes were selected to which it was considered that a visit from the woman sanitary inspector would be useful, and during the year 1125 visits were made for this purpose.

ADMINISTRATION OF THE FACTORY AND WORKSHOP ACT, 1910.

Workshops:—There are in the borough 560 workshops, containing 873 workrooms to which the provisions of the Factory and Workshop Act apply. The number of workers found on inspection amounted to 1879, of which 452 were men, 1058 women, and 369 young persons. The largest proportion of these workers were engaged in the dressmaking, laundry, and millinery trades, there being 1044 women, 333 young persons and 31 men so employed. These premises are inspected by the women sanitary inspectors (see “Work of women sanitary inspectors,” page 66), together with the workshops employing women in other trades. Only 14 women and 36 young persons were employed in all other trades.

Domestic and Part-Time Work Places.—There are 237 part-time and domestic workplaces, *i.e.*, private houses, places or rooms, where no power is used, and in which only the occupiers themselves are employed. Besides these there are 49 restaurants and 40 stable yards, contractors’ yards, &c., which might be termed workplaces. For the purpose of their inspection a special clause was added to section 2 of the Public Health (London) Act.

In addition to the above, there are 89 bakehouses in the Borough, of which 20 are underground.

On the whole the sanitary condition of the workshops in the Borough is very satisfactory.

Table 21.**Inspection of Factories, Workshops & Workplaces.***(Home Office Table, No. 1).*

Premises,	Inspections	Written Notices.	Prosecutions
Factories (including factory laundries)	87	8	—
Workshops (including workshop laundries)	1490	59	—
Workplaces (other than out-workers' premises)	316	17	—
Total	1893	84	—

Statement of Defects Found.*(Home Office Table, No. 2).*

Particulars.	Defects.		Referred to H.M. Inspector	No. of Prosecutions.
	Found.	Remedied.		
Dealt with under Public Health (London) Act—*				
Want of cleanliness ...	146	146	—	—
Want of ventilation ...	—	—	—	—
Overcrowding ...	5	5	—	—
Want of drainage of floors	1	1	—	—
Other nuisances ...	47	47	—	—
Sanitary accommodation :				
Insufficient	2	2	—	—
Defective or unsuitable	40	40	—	—
Not separate for sexes	—	—	—	—
Under the Factory and Workshop Act—				
Illegal occupation of underground bake-house (s. 101) ...	—	—	—	—
Breach of special sanitary requirements for bakehouses (ss. 97-100)	40	40	—	—
Other offences ...	—	—	—	—
Total	281	281	—	—

* Including those specified in Sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

Table 23.

Workshops (sec. 131) and Workplaces and Workrooms on the Register at the end of 1911

(Home Office Table, No. 4).

Class of Work.	No.	Number of Rooms.	Number of Workers Found.			Part Time and Domestic Workplaces.	
			Men.	Women.	Young Persons	Number.	No of Rooms.
Dress	232	262	2	704	268	25	25
Millinery	52	60	—	145	62	2	2
Laundry	66	298	29	195	3	22	37
Tailor	28	30	59	3	1	17	17
Boot	60	61	84	—	4	97	97
Joiner	16	28	38	—	4	4	4
Smith	23	25	57	—	7	3	3
Dentist	3	3	9	—	—	2	2
Cycles	12	15	22	—	6	10	10
Coachbuilder	6	12	33	—	4	1	1
Cabinet and Upholsterer...	16	21	37	3	2	3	3
Photographer and Picture-framer	9	12	11	—	2	10	10
Jeweller	13	14	24	—	4	20	20
Piano	1	2	4	—	—	—	—
Saddler	7	7	13	—	—	2	2
Mason	2	3	5	—	—	1	1
Lathrender	2	3	6	—	—	—	—
Various	12	17	19	8	2	18	18
Total	560	873	452	1058	369	237	252

Table No. 22. HOME WORK.
(Home Office Table, No. 3).

NATURE OF WORK.*	OUTWORKERS' LISTS, SECTION 107.									OUTWORK IN UNWHOLESOME PREMISES, Section 108.			OUTWORK IN INFECTED PREMISES, Sections 109, 110.		
	Lists received from Employers.						Notices served on Outworkers. On persons keeping or sending lists.	Prosecutions.		Instances	Notices served.	Prosecutions.	Instances	Orders made, Sec. 110.	Prosecutions, Sections 109, 110.
	Twice in the year.			Once in the year.				Failing to keep or per-sonal inspection of lists.	Failing to send lists.						
	Lists.†	Outworkers.‡		Lists.	Outworkers.										
		Con-tractors.	Work-men.		Con-tractors.	Work-men.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Wearing Apparel—															
(1) making, &c. ...	60	—	161	11	—	41	—	—	—	14	14	—	—	—	—
(2) cleaning and washing ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Household linen ...	6	—	6	3	—	4	—	—	—	—	—	—	—	—	—
Lace, lace curtains and nets ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Curtains & furniture hangings	2	—	2	1	—	3	—	—	—	2	2	—	—	—	—
Furniture and upholstery ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electro-plate ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
File making ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brass and brass articles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fur pulling ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cables and chains ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anchors and grapnels ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cart gear ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Locks, latches and keys ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Umbrellas, &c. ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Artificial flowers ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nets, other than wire nets ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tents ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sacks ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Racquet and tennis balls ...	2	—	2	1	—	1	—	—	—	—	—	—	—	—	—
Paper bags and boxes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brush making ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pea picking ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Feather sorting ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Carding, &c., of buttons, &c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stuffed toys ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Basket making ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total ...	70	—	171	16	—	49	—	—	—	16	16	—	—	—	—

* If an occupier gives out work of more than one of the classes specified in column 1, and subdivides his list in such a way as to show the number of workers in each class of work, the list should be included among those in column 2 (or 5 as the case may be) against the principal class only, but the outworkers should be assigned in columns 3 and 4 (or 6 and 7) into their respective classes. A footnote should be added to show that this has been done.

† The figures required in columns 2, 3 and 4 are the total number of the lists received from those employers who comply strictly with the statutory duty of sending two lists each year and of the entries of names of outworkers in those lists. The entries in column 2 must necessarily be even numbers, as there will be two lists for each employer—in some previous returns odd numbers have been inserted. The figures in columns 3 and 4 will usually be (approximately) double of the number of individual outworkers whose names are given, since in the February and August lists of the same employer the same outworker's name will often be repeated.





Other Matters (*Home Office Table, No. 5*).

Failure to affix Abstract required by Section 133 of the Factory and Workshop Act, 1901, and notified to H.M. Inspector of Factories	24
---	----

Action taken in matters referred by H.M. Inspectors as remedi- able under the Public Health (London) Act, but not under the Factory Act (Sec. 5).	Notified by H.M. In- spectors	3
	Reports of action taken, sent to H.M. Inspector	3
	Other	3

Underground Bakehouses (Section 101) :—

In use during 1903	23
Certificates granted in 1903	23
„ „ 1904 - 1911	nil
In use at end of 1911	20

**Workshops and Workplaces on the Register at the end of
1910 :—**

Workshops (details in Table 23)	560
Workplaces part time and domestic (details Table 23)	237
Bakehouses	69
„ underground	20
Restaurants (workplaces)	49
Workplaces (stable yards, contractors' yards, etc.)	40
Total	<u>975</u>

WORK OF WOMEN SANITARY INSPECTORS.

The following is a summary of work carried out by your Women Sanitary Inspectors :—

Factory and Workshop Act.—

	Miss Jones.	Miss Stevens.	TOTAL
To Factories	7	13	20
„ Workshops	234	267	501
„ Workplaces	15	20	35
„ Laundries	154	76	230
„ Outworkers' homes	112	139	251

Infectious Diseases.—

To Phthisis homes	103	115	218
<i>Re</i> Phthisis deaths	33	37	70
„ Chicken-pox	14	40	54
„ Measles	305	353	658
„ Puerperal fever	23	14	37
„ School Notifications	182	190	372
„ Ophthalmia Neonatorum... ..	15	15	30
„ Polio-Myelitis	—	1	1
To Schools	54	67	121

Other Visits.—

On complaint from residents	18	20	38
To Selected homes from which births were notified	575	550	1125
Investigations <i>re</i> Infant mortality	129	127	256
Re-visits and re-inspections... ..	180	109	289
Miscellaneous inquiries	17	38	55
Total	2170	2191	4361

Nuisances, Defects, &c.—

Abstract not affixed in work- shops	10	11	21
Overcrowding of Workshops... ..	1	3	4
Total number of nuisances found	178	142	320

Notices, &c.—

Intimation notices served	130	97	227
Statutory notices served	18	25	43

Table 24.

ROUTINE INSPECTIONS.

Premises.	Number of Places				No. of Inspections 1911.	No. of Notices 1911.	No. of Prosecutions 1911.
	On Register at end of 1910.	Added in 1911.	Removed in 1911.	On Register at end of 1911			
Milk premises... ..	199	18	59	158	514	5	—
Cow sheds	14	—	—	14	145	2	—
Slaughter houses ...	15	—	—	15	131	—	—
Other offensive Trade premises	—	—	—	—	—	—	—
Ice cream premises ...	—	—	—	—	—	—	—
Registered houses Let in Lodgings ...	15	1	5	11	70	<i>a</i> 1 <i>b</i> 10	—
Restaurants	58	—	9	49	67	9	—
Bakehouses	94	—	5	89	324	20	—
Stable Yards, etc. ...	44	2	6	40	64	5	—

a Overcrowding. *b* Other conditions.

Total number of intimation notices served for all purposes, male inspectors 1747, female inspectors 227—Total 1974.

Overcrowding:—Number of dwelling rooms overcrowded 27, and workrooms 4, remedied all, proceedings *nil*.

Underground rooms:—Illegal occupation dealt with and number of rooms closed *nil*.

Insanitary Houses:—Number closed under the Public Health (London) Act and Housing of the Working Classes Act, *nil*; Numbers repaired and re-opened, *nil*.

Premises cleansed under Section 20 of the London County Council (General Powers) Act, 1904, *nil*.

Number of persons accommodated during the year in shelter provided under Section 60 (4) of the Public Health (London) Act, 1891, *nil*.

Revenue Acts:—Houses for which application were received, 148, number of tenements comprised therein, 244; certificates granted in respect of 142 houses (232 tenements); refused in respect of 6 houses (12 tenements), deferred *nil*.

Prosecutions under By-laws under the Public Health (London) Act:—

(a) For prevention of nuisance arising from snow, ice, salt, filth, &c.	—
(b) For prevention of nuisance arising from offensive matter running out of any manufactory, &c. ...	—
(c) For the prevention of keeping of animals in such a manner as to be injurious to health ...	—
(d) As to paving of yards, &c., of dwelling houses ...	—
(e) In connection with the removal of offensive matter, &c.	—
(f) As to cesspools and privies, removal and disposal of refuse, &c.	—
(g) For securing the cleanliness of tanks, cisterns, &c.	—
(h) With respect to water-closets, earth-closets, &c. ...	—
(i) With respect to sufficiency of water supply to water-closets	—
(j) With respect to drainage, &c. (Metropolis Management Act, Section 202)	—
(k) With respect to deposit of plans as to drainage, &c. (Metropolis Management Acts Amendment (By-laws) Act, 1899)	—

Mortuaries:—

Total number of bodies removed	152
Total number of infectious bodies removed ...	<i>nil</i>

(NOTE.—This table was formulated to meet the requirements of the London County Council).

Table 25.
REGISTER OF SANITARY WORK. (Male Inspectors.)
For the year ended 31st December, 1911.

[illegible]

REGISTER OF SEAFARING WOOD (1881-1882)

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

PART 4.

REPORT OF PUBLIC ANALYST.

PART 4
REPORT OF PUBLIC ANALYST

REPORT OF THE PUBLIC ANALYST

FOR THE

YEAR ENDED DECEMBER 31st, 1911.

SAMPLES SUBMITTED.—During the period under review 559 samples of food and drugs were submitted for analysis. Of this number 495 were purchased by your inspectors in conformity with the provisions of the Sale of Food and Drugs Acts. The remaining 64 samples were purchased as test samples, and without declaration to vendors.

ADULTERATED SAMPLES.—Of the 495 official samples 30, or 6·06 per cent. were adulterated, compared with 4·95 per cent. in the previous year (1910) and 2·99 per cent. in 1910.

TEST SAMPLES.—These samples are purchased by assistants without following the formalities prescribed by the Food and Drugs Acts, the purchases being made in a manner similar to that adopted by the ordinary householder. Of the 64 samples so purchased, 5, or 7·81 per cent., were found to be adulterated, and these were followed up by official purchases.

MILK.—Of the 292 official samples of milk submitted, 18, or 6·16 per cent., were adulterated or below the standard fixed by the Board of Agriculture. In 1910 the adulterated samples equalled 5·30 per cent.

Dyed Milk.—Of the milks examined during the year, 65 per cent. were artificially coloured, compared with 63 per cent. in 1910.

Sunday Samples.—Six samples of milk were obtained on Sundays, one of which (No. 335) was below standard.

Average Composition.—The average composition of *all samples* of milk examined during the year equalled 3·50 per cent. Milk Fat and 8·80 per cent. Solids Not Fat. The average composition of the genuine samples alone was 3·55 per cent. Milk Fat and 8·83 per cent. Solids Not Fat. The results in both cases being well above the standard, viz., 3 per cent. Milk Fat and 8·5 per cent. Solids Not Fat.

Milk Samples taken in course of Delivery.—Eighteen samples were taken in course of delivery, as follows:—Forest Hill Railway Station, 4; Hither Green Railway Station, 4; Sydenham Railway Station, 8; and two were taken at a dairy. Three of these samples were found to be below standard (Nos. 289, 324 and 523).

Separated Milk.—I again desire to draw attention to a growing practice adopted by astute milk vendors, namely, the adulteration of Milk with water, and evading the Regulations by declaring it to be “Separated Milk” when sampled, although no such declaration is made to the ordinary purchaser.

Samples Nos. 456 and 472 afford very good examples of the ingenuity of these vendors.

Sample No. 456 was declared to be Separated Milk at the time of purchase, and was found on analysis to contain:—

Total solids ...	...	...	8	per cent.
Milk Fat ...	...	...	2·2	„
Solids not Fat ...	...	...	5·8	„

From these figures there can be little doubt that the sample was *ordinary milk* adulterated by the addition of 32 per cent. water. As the vendor declared it to be *separated* milk, the result of the analysis must be calculated in accordance with the existing standard for skimmed or separated milk, namely 9 per cent. *total solids*, and upon this basis one was obliged to return it as adulterated with 10 per cent. of water. The vendor in this case was fined ten shillings, a fine not likely to deter him from continuing his practice.

Sample No. 472 was found to contain :—

Total Solids	...	...	10	per cent.
Milk Fat	...	...	2·8	„
Solids not Fat	...	...	7·2	„

This also was declared to be Separated Milk, but from its composition it is obvious that the sample was Milk adulterated by the addition of 15 per cent. of water.

The vendor in this case was content with less adulteration, the total solids amounted to 10 per cent. Notwithstanding the fact that the solids not fat reached only 7·2 per cent., one had to return this sample as genuine separated milk.

No definition is given in the Regulations of Skimmed or Separated Milk, and the term is understood to apply to milk from which the bulk of the fat has been removed. In mechanically separated milk the percentage of fat remaining seldom exceeds 0·5 per cent., and in the absence of any definitions in the Regulations, a means of escaping proceedings for adulteration has been found.

I submit, therefore, that there is urgent need for the amendment of the Sale of Milk Regulations, 1901, particularly in their application to Skimmed or Separated Milk. The

standard of 9 per cent. total solids should be abolished, and in lieu thereof a standard of 8.5 per cent. solids not fat should be substituted. Such a standard would have permitted us to have taken action against the vendor of Sample No. 472 for adulteration by 15 per cent. of added water, and sample 456 would have been returned as adulterated by 32 per cent. of water instead of 10 per cent.

I also submit that the restriction as to the sale of *Condensed* Skimmed or Separated Milk, contained in Section 11 of the Sale of Food and Drugs Acts, 1899, should be extended so as to apply to skimmed or separated milk other than condensed. The case of *French v. Card* made it clear that this section of the Act applies only to *Condensed* Machine Skimmed or Separated Milk. Every tin or other receptacle containing machine skimmed or separated milk should be required to bear a label, clearly visible to the purchaser, stating the fact.

BUTTER.—One hundred and twenty-eight samples of Butter were purchased in conformity with the Sale of Food and Drugs Acts. Only seven, or 5.46 per cent., of these samples were adulterated, compared with 1.96 per cent. in 1910. In addition, 37 test samples were taken, 4, or 10.8 per cent., of which were adulterated.

Table A.

*Showing number of Samples submitted for Analysis, with Results,
for the year ended December 31st, 1911.*

(a) Samples taken officially and in accordance with the provisions of the Sale of Food and Drugs Acts.				
Article.	Total.	Genuine.	Adulterated.	Percentage Adulterated.
Milk	292	274	18	6.16
Separated Milk	7	6	1	14.2
Butter	128	121	7	5.46
Coffee	33	29	4	1.21
Mustard	11	11	—	—
Pepper	1	1	—	—
Cocoa	4	4	—	—
Margarine	1	1	—	—
Flour	12	12	—	—
Gin	2	2	—	—
Rum	2	2	—	—
Arrowroot	1	1	—	—
Lard	1	1	—	—
Total official samples ...	495	465	30	6.06
(b) Test Samples purchased without the formalities of the Act.				
Butter /	37	33	4	10.8
Milk	1	0	1	—
Mustard	6	6	—	—
Pepper	4	4	—	—
Coffee	3	3	—	—
Tea	1	1	—	—
Castor Sugar	2	2	—	—
Lard	2	2	—	—
Flour	3	3	—	—
Cocoa	4	4	—	—
Peas (Dried)	1	1	—	—
Total "test" samples ...	64	59	5	7.81
Total all samples ...	559	524	35	6.26

Table B.
*Summary of Samples (not including test samples) Analysed
in the Borough in each Year, 1898-1911.*

Year.	No. of Samples *(not including Test Samples).			Genuine.	Adulter- ated.	Per- centage Adulter- ated.	No. of Prosecu- tions.	Fines and Costs imposed.
1898	Total Samples ...	36	31	5	13.88	2	Fines £3, costs 15s. 6d.	
1899	Total Samples ...	41	37	4	9.75	1	Fines £5, costs 14s. 6d.	
1900	Total Samples ...	68	61	7	10.29	7	Fines £14 15s., costs £2 13s. 6d.	
1901	Total Samples ...	3	—	3	100.00	2	Fines £5, costs £1 1s.	
1902	Total Samples ...	458	389	69	15.07	34	Fines £123, costs £24 18s. 6d.	
1903	Total Samples ...	451	390	61	13.53	19	Fines £50 15s., costs £11 7s.	
1904	Total Samples ...	416	376	39	9.38	26	Fines £88 10s., costs £18.	
1905	Total Samples ...	476	438	38	7.98	19	Fines £56 4s., costs £10 4s.	
1906	Milk ...	275	*495	449	46	9.29	14	Fines £108, costs £6 13s. 6d.
	Butter ...	99						
	Various ...	121						
1907	Milk ...	292	*496	460	36	7.26	17	Fines £30 10s., costs £10 12s.
	Butter ...	116						
	Various ...	88						
1908	Milk ...	269	*412	378	34	8.25	15	Fines £28 10s., costs £10 15s. 6d.
	Butter ...	93						
	Various ...	50						
1909	Milk ...	242	*469	455	14	2.99	5	Fines £11 costs £4 14s.
	Butter ...	110						
	Various ...	117						
1910	Milk ...	283	465	442	23	4.95	8	Fines £13, costs £9 4s.
	Butter ...	102						
	Coffee ...	28						
	Wines and Sp'rits	18						
	Various ...	34						
1911	Milk ...	292	*495	465	30	6.06	20	Fines £50, costs £23 1s.
	Butter ...	128						
	Coffee ...	33						
	Wines and Spirits	4						
	Various ...	38						

Table C.

*Showing Total Samples submitted with results during the years
1907-1911. (Test samples not included).*

Quarter.	No. of Samples.					No. Adulterated.					Percentage Adulterated.				
	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911
First ...	126	79	95	87	141	9	12	3	3	2	7.14	15.19	3.16	3.4	1.41
Second ...	119	147	128	102	136	5	13	6	6	9	4.20	8.84	4.69	5.9	6.62
Third ...	123	104	131	95	72	11	7	2	4	7	8.94	6.73	1.53	4.2	9.72
Fourth ...	128	82	115	181	146	11	2	3	10	12	8.60	2.44	2.61	5.5	8.21
Total for Year	496	412	469	465	495	36	34	14	23	30	7.26	8.25	2.99	4.95	6.06

Table D.

*Showing results of Total Samples of Milk submitted during the Years
1907-1911.*

Quarter.	No. of Samples.*					No. Adulterated.					Percentage Adulterated.				
	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911
First ...	55	53	56	56	90	5	9	2	2	1	9.09	16.98	3.57	3.6	1.2
Second ...	77	100	61	62	94	5	12	6	4	7	6.49	12.00	9.84	6.4	7.4
Third ...	95	55	78	79	47	8	3	2	4	5	8.42	5.45	2.56	5.06	10.6
Fourth ...	61	55	40	86	61	1	—	1	5	5	1.64	—	2.50	5.8	8.19
Total for Year	288	263	235	283	292	19	24	11	15	18	6.60	9.13	4.68	5.3	6.16

* Not including test samples.

Table E.

Average Composition of Milk Samples submitted in 1911.

Period.	Average Composition of all samples submitted genuine and adulterated.		Average Composition of genuine samples.		Board of Agriculture Standard.	
	Percentage of Milk fat.	Percentage of Solids not fat.	Percentage of Milk fat.	Percentage of Solids not fat.	Percentage of Milk fat.	Percentage of Solids not fat.
First Quarter	3.68	8.83	3.69	8.84	3.0	8.5
Second „ ...	3.36	8.93	3.50	8.95		
Third „ ...	3.39	8.57	3.47	8.61		
Fourth „ ...	3.53	8.74	3.60	8.76		
Total for Year	3.50	8.80	3.55	8.83		

Table F.

Average Composition of Milk Samples submitted during the Years 1902-1911.

Period.	Average Composition of all samples submitted genuine and adulterated.		Average Composition of genuine samples.		Board of Agriculture standard.	
	Percentage of Milk Fat.	Percentage of Solids not Fat.	Percentage of Milk Fat.	Percentage of Solids not Fat.	Percentage of Milk Fat.	Percentage of Solids not Fat.
Year 1902 ...	3.55	8.62	3.66	8.71	3.0	8.5
„ 1903 ...	3.67	8.63	3.81	8.72		
„ 1904 ...	3.63	8.69	3.69	8.74		
„ 1905 ...	3.58	8.75	3.62	8.78		
„ 1906 ...	3.56	8.74	3.62	8.77		
„ 1907 ...	3.47	8.81	3.53	8.83		
„ 1908 ...	3.50	8.80	3.58	8.81		
„ 1909 ...	3.55	8.80	3.60	8.81		
„ 1910 ...	3.51	8.78	3.56	8.79		
„ 1911 ...	3.50	8.80	3.55	8.83		

Table G.

Details of Adulterated Samples of Milk during the Year ended December 31st, 1911.

No.	Adulteration.	Remarks.
57	11 per cent. deficient in milk fat	Vendor fined £1 and £1 2s. costs
196	3 per cent. deficient in milk fat	No action
201	3 per cent. deficient in milk fat	No action
213	3 per cent. deficient in milk fat	No action
261	8 per cent. deficient in milk fat	Vendor fined £2 and £1 3s. costs
281	19 per cent. added water	Summons not proceeded with owing to bursting of bottle containing reserve portion of sample
282	8 per cent. deficient in milk fat	Vendor fined £2 and £1 3s. costs
289	5 per cent. deficient in milk fat	No action: subsequent sample No. 324
295	15 per cent. deficient in milk fat	Vendor fined £4 and £1 3s. costs
324	16 per cent. deficient in milk fat	Vendor fined £2 and £1 3s. costs
335	3 per cent. deficient in milk fat	No action
355	15 per cent. deficient in milk fat	Vendor fined 10s. and 2s. costs
370	18 per cent. added water	Declared to be "milk and water" at time of purchase
380	4 per cent. deficient in milk fat	Vendor cautioned
354	15 per cent. deficient in milk fat	Vendor fined £1 10s. and £1 3s. costs
395	11 per cent. deficient in milk fat	Summons dismissed on proof of warranty
421	4 per cent. added water	No action
523	4 per cent. added water	No action
456	Separated Milk: 10 per cent. added water	Vendor fined 10s. and £1 3s. costs

Table H.

Showing the number of samples of Butter submitted in the Four Quarters of the years 1907-1911.

Quarter.	No. of Samples.*					No. Adulterated.					Percentage Adulterated.				
	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911
First ...	34	20	22	20	36	1	3	—	1	—	2.94	15.00	—	5.0	—
Second ...	25	34	26	31	29	—	1	—	—	2	—	2.94	—	—	6.9
Third ...	20	18	18	5	22	2	1	—	—	1	10.00	5.56	—	—	4.5
Fourth ...	37	21	44	46	41	6	1	—	1	4	16.22	4.76	—	2.2	9.8
Total for year	116	93	110	102	128	9	6	—	2	7	7.76	6.45	—	1.96	5.46

* Test samples not included.

Table I.

*Details of Adulterated Samples of Butter for the Year ended
December 31st, 1911.*

No.	Adulteration.	Remarks.
Official Samples.		
269	84 per cent. foreign fat	Vendor fined £2 and £1 3s. costs
293	54 per cent. foreign fat	Vendor fined £7 and £1 3s. costs
375	85 per cent. foreign fat	Vendor fined £2 and £1 3s. costs
433	90 per cent. foreign fat	Defendant ordered to pay costs, 12s.
435	90 per cent. foreign fat	Vendor fined £10 and £3 3s. costs
451 and 452	87 per cent. foreign fat	Samples declared to be margarine at time of purchase, but the vendor was fined £3 and £3 3s. costs for selling margarine in a package not branded or durably marked
Test Samples.		
358	Margarine	Official sample genuine
391	Margarine	Official sample No. 433
409	Margarine	Official sample genuine
447	Margarine	Official samples Nos. 435, 451 and 452

Table J.

*Details of Other Samples Adulterated during the year ended
December 31st, 1911.*

No.	Article.	Adulteration.	Remarks.
149	Coffee	5 per cent. added chicory	No action
378	Coffee	35 per cent. added chicory	Vendor fined £2 and £1 3s. costs
525	Coffee	30 per cent. added chicory	Vendor fined £5 and £1 3s. costs
553	Coffee	50 per cent. added chicory	Vendor fined 10s. and £1 3s. costs

APPENDIX.

LOCAL GOVERNMENT BOARD TABLES.

APPENDIX

LOCAL GOVERNMENT BOARD TABLES

Local Government Board Tables.

Table I.

Vital Statistics of Whole District during 1911 and previous Years.

YEAR	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFER'LE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.							Under 1 Year of Age.		At all Ages.	
		Uncorrected Number.	Number.	Rate.	Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Number.	Rate per 1000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1906	148463	3446	—	23·2	1888	12·7	228	117	391	113	1777	12·0
1907	152532	3622	—	23·7	1881	11·8	275	143	325	90	1749	11·5
1908	156627	3632	—	22·8	1857	11·9	243	143	315	87	1757	11·0
1909	160749	3507	—	21·9	1707	10·6	174	131	262	75	1664	10·4
1910	164899	3412	—	20·75	1565	9·5	131	156	271	79	1590	9·67
1911	161677	3397	3421	21·22	1879	11·66	255	218	357	104	1842	11·43

Area of District in Acres (exclusive of area covered by water) ... 6,991

At Census of 1911—Total population at all ages — 160,834

Table II.
Cases of Infectious Disease notified during the Year 1911.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH WARD (e.g., Parish or Ward) of the District.										TOTAL CASES REMOVED TO HOSPITAL.
	At all Ages.	At Ages—Years.							1	2	3	4	5	6	7	8	9	10	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	Church.	Manor.	South.	Blackheath.	Lewisham Village.	Lewisham Park.	Brockley.	Catford.	Forest Hill.	Sydenham.	
Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous Croup) ...	329	7	75	208	24	15	—	—	11	17	7	8	25	54	15	78	45	69	291
Erysipelas	103	4	2	4	11	36	35	11	2	7	2	5	13	15	5	16	18	20	16
Scarlet Fever	337	4	65	231	25	12	—	—	8	22	9	10	15	41	46	89	28	69	290
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	35	—	1	8	8	12	6	—	1	1	—	—	2	2	—	15	4	10	22
Relapsing Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	11	—	—	—	3	8	—	—	—	—	—	1	1	2	—	1	—	6	5
Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Under Tubercu- losis Regula- tions, 1908 ...	95	—	1	15	16	44	14	5	2	4	6	1	7	23	7	20	11	14	—
Phthisis } Under Tubercu- losis Regula- tions, 1911 ...	89	—	—	3	19	56	9	2	2	5	—	4	10	15	12	14	10	17	—
Others	29	—	2	2	11	11	2	1	—	2	3	1	5	5	3	2	2	6	—
Cerebro-Spinal Fever ...	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Ophthalmia Neonatorum	16	16	—	—	—	—	—	—	—	—	—	2	4	2	1	2	2	3	5
Polio-Myelitis and Encephalitis	3	—	1	2	—	—	—	—	—	—	—	—	—	1	—	2	—	—	—
Totals	1048	31	148	473	117	194	66	19	26	58	27	32	82	160	89	239	120	215	630

Table III.
Causes of, and Ages at, Death during Year 1911.

CAUSES OF DEATH.	NETT DEATHS AT THE SUBJOINED AGES OF RESIDENTS WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.									TOTAL DEATHS WHETHER OF RESIDENTS IN NON-RESIDENTS IN INSTITUTIONS IN THE DISTRICT.
	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.	
1	2	3	4	5	6	7	8	9	10	11
All Causes } Certified ...	1842	357	68	62	75	67	222	401	590	—
Uncertified	—	—	—	—	—	—	—	—	—	—
Enteric Fever ...	4	—	—	—	—	1	2	—	1	—
Small-Pox ...	—	—	—	—	—	—	—	—	—	—
Measles ...	19	3	7	8	1	—	—	—	—	4
Scarlet fever ...	5	—	—	2	3	—	—	—	—	—
Whooping-cough ...	17	5	5	6	1	—	—	—	—	2
Diphtheria and croup ...	27	1	3	8	15	—	—	—	—	1
Influenza ...	5	2	—	—	1	—	1	—	1	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever ...	—	—	—	—	—	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis) ...	104	—	—	—	2	21	48	25	8	31
Tuberculous Meningitis ...	20	4	6	6	3	—	1	—	—	8
Other tubercular diseases ...	16	3	1	1	5	2	4	—	—	11
Rheumatic Fever ...	5	—	—	—	4	—	—	1	—	—
Cancer, malignant disease ...	171	—	—	2	2	1	18	77	71	37
Bronchitis ...	136	24	5	2	1	—	4	23	77	59
Broncho-Pneumonia ...	49	17	15	4	1	—	2	2	8	18
Pneumonia, (all other forms) ...	70	8	1	4	4	4	18	19	12	32
Other diseases of Respiratory organs ...	31	11	—	—	1	—	7	6	6	7
Diarrhoea and Enteritis ...	147	114	11	3	2	—	3	4	10	47
Appendicitis & Typhlitis ...	19	—	—	1	5	6	2	4	1	9
Alcoholism ...	2	—	—	—	—	—	1	1	—	1
Cirrhosis of liver ...	17	—	—	—	—	—	1	9	7	2
Nephritis and Bright's Disease ...	42	—	—	—	1	2	10	18	11	27
Puerperal fever ...	3	—	—	—	—	1	2	—	—	2
Other accidents and diseases of Pregnancy and Parturition ...	5	1	—	—	—	1	3	—	—	1
Congenital Debility and Malformation, including Premature Birth ...	123	116	4	3	—	—	—	—	—	72
Violent Deaths, excluding Suicide ...	57	10	—	2	3	3	13	13	13	23
Suicides ...	16	—	—	—	—	1	9	5	1	2
Other defined Diseases ...	685	30	8	8	16	23	69	178	353	223
Diseases ill-defined or unknown ...	47	8	2	2	4	1	4	16	10	16
	1842	357	68	62	75	67	222	401	590	635

Table IV.

INFANT MORTALITY.

1911.—*Nett Deaths from stated Causes at various ages under One Year of Age.*

CAUSE OF DEATH.					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 One Year
All Causes.	Certified	...	...	...	67	20	12	5	104	67	81	65	40	357
	Uncertified	...	...	...	—	—	—	—	—	—	—	—	—	—
Small-pox	...	...	...	...	—	—	—	—	—	—	—	—	—	—
Chicken-pox	...	...	...	...	—	—	—	—	—	—	—	—	—	—
Measles	...	...	...	...	—	—	—	—	—	—	—	1	2	3
Scarlet Fever	...	...	...	...	—	—	—	—	—	—	—	—	—	—
Diphtheria and Croup	...	...	...	...	—	—	—	—	—	—	—	1	—	1
Whooping Cough	...	...	...	...	—	—	—	—	—	—	1	3	1	5
Diarrhoea	...	...	...	...	—	—	—	—	—	11	21	19	7	58
Enteritis	...	...	...	...	—	1	1	—	2	17	19	12	6	56
Tuberculous Meningitis	...	...	...	...	—	—	—	—	—	—	3	1	—	4
Abdominal Tuberculosis	...	...	...	...	—	—	—	—	—	—	1	1	—	2
Other Tuberculous Diseases	...	...	...	...	—	—	—	—	—	—	—	—	1	1
Congenital Malformations	...	...	...	...	8	—	1	—	9	—	5	—	—	14
Premature Birth	...	...	...	...	31	5	1	1	38	5	—	—	—	43
Atrophy, Debility and Marasmus	...	...	...	...	10	8	3	2	23	13	17	4	2	59
Atelectasis	...	...	...	...	5	—	—	—	5	—	—	—	—	5
Injury at Birth	...	...	...	...	1	—	—	—	1	—	—	—	—	1
Erysipelas	...	...	...	...	—	—	—	—	—	—	—	—	—	—
Syphilis	...	...	...	...	—	1	—	—	1	1	1	—	—	3
Rickets	...	...	...	...	—	—	—	—	—	—	—	—	—	—
Meningitis (<i>not Tuberculous</i>)	...	...	...	...	—	—	—	—	—	—	1	1	1	3
Convulsions	...	...	...	...	—	2	—	—	2	3	—	1	1	7
Gastritis	...	...	...	...	—	—	1	—	1	—	—	—	—	1
Laryngitis	...	...	...	...	—	—	—	—	—	—	—	3	—	3
Bronchitis	...	...	...	...	2	—	1	—	3	6	4	5	6	24
Pneumonia (all forms)	...	...	...	...	1	2	—	1	4	5	2	7	7	25
Suffocation, overlaying	...	...	...	...	1	1	—	—	2	1	3	—	—	6
Other Causes	...	...	...	...	8	—	4	1	13	5	3	6	6	33
TOTALS	...	...	...	...	67	20	12	5	104	67	81	65	40	357

Nett Births in the year—legitimate, 3320 ; illegitimate, 101.

Nett Deaths in the year of—legitimate infants, 331 ; illegitimate infants, 26.

Table V.

Metropolitan Borough of Lewisham.

Phthisis: Sanatorium and Hospital Accommodation.

Classes for which accommodation is provided.	By whom provided.	Where situated.	Total number of Beds.	How are patients selected?	Are patients under the care of a resident Medical Officer?	What charge, if any, is made for the use of Beds?	Do the Sanitary Authority use— (1) their Isolation Hospital, or (2) their Small-pox Hospital, for cases of Phthisis?	Do the Sanitary Authority reserve Beds in any Phthisis Sanatorium: If so, how many, and in what Sanatorium?	Do the Sanitary Authority provide portable open-air Shelters or Tents?
(a) Early cases	...	No accommodation provided			...	...	...	No.	No.
(b) Intermediate cases	...	No accommodation provided			...	...	...	No.	No.
(c) Advanced cases	...	No accommodation provided			...	...	...	No.	No.

Have the Council, or any Private Body, provided a Dispensary. No.

