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UNION OF THE BROTHERHOOD OF PHARMACEUTISTS

ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH



J. CHARLES JACKSON

FOR THE YEAR 1900

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TOWN HALL,

FULHAM, S.W.

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

SIR AND GENTLEMEN,

I have the honour to present to you my Annual Report on the vital statistics and the conditions affecting the health of the borough for the year 1909.

The statistics of births, deaths, and infectious diseases relate to the fifty-two weeks ended January 1st, 1910.

POPULATION.

A correct estimate of the population becomes increasingly difficult, the further we get from the census year. As enumerated at the census taken on April 6th, 1901 the population was 137,289, having increased from 113,781 during the previous five years, and, estimated in the usual way on the assumption that the rate of increase which prevailed between 1896 and 1901 has been maintained since, the population of the borough was in the middle of 1909, 176,406. This is unquestionably too high a figure as very few houses have been built in the last four years, and probably a more accurate calculation may be made by multiplying the number of rated houses by the average number of persons occupying each house at the census of 1901, which gives a population of 158,560, and on this the statistics in this report are based, although as there are at the present time a large number of empty tenements, even this may be too high an estimate.

The following table shows the increase of the borough in the last sixty years :—

TABLE I.

Year.	Population.	Increase per cent. during previous intercensal period.	Persons to the Acre.	Rateable Value.
				£
1851 Census ...	11,866	—	7.0	47,492
1861 „ ...	15,539	30.9	9.1	55,916
1871 „ ...	23,378	50.5	13.7	96,661
1881 „ ...	42,900	83.5	25.2	149,899
1891 „ ...	91,640	113.6	53.8	385,407
1896 „ ...	113,781	24.4	66.8	560,965
1901 „ ...	137,289	20.6	80.6	677,332
1909 estimated	158,560	—	93.1	910,463

MARRIAGES AND MARRIAGE-RATE.

The number of marriages registered during the year was 1,182, compared with 1,205, 1,308 and 1,203 in the three preceding years.

The marriage-rate, *i.e.*, the number of persons married per 1,000 inhabitants, was 14.9, the average rate for the previous ten years being 16.0

TABLE II.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1909 AND PREVIOUS YEARS.

YEAR.	Population Estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.	Deaths of Non-residents Registered in Public Institutions in the District.	Deaths of Residents Registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1 000 Births Registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	128,620	4,574	35.5	862	189	2,714	21.1	812	452	235	2,497	19.3
1900	133,496	4,525	33.9	666	146	2,498	18.8	698	376	225	2,347	17.7
1901	138,426	4,596	33.3	700	152	2,298	16.6	669	367	248	2,179	15.8
†1902	143,102	4,790	32.9	708	148	2,587	17.7	766	403	304	2,488	17.1
1903	147,780	4,790	32.5	605	127	2,180	14.8	732	411	278	2,047	13.9
1904	151,750	4,905	32.3	752	153	2,332	15.4	695	300	314	2,346	15.5
1905	154,900	4,760	30.7	692	145	2,354	15.2	746	331	341	2,364	15.2
1906	157,100	4,767	30.3	649	136	2,192	14.0	723	302	327	2,217	14.1
1907	157,850	4,507	29.2	565	125	1,967	12.5	586	153	381	2,195	13.9
†1908	158,425	4,607	28.5	545	118	1,999	12.4	604	163	321	2,157	13.3
Averages for years 1899-1908.	147,145	4,682	31.9	674	144	2,312	15.9	703	326	297	2,284	15.6
1909	158,560	4,199	26.5	466	111	1,940	12.2	642	154	329	2,115	13.34

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population. † 53 weeks in 1902 and 1908.

NOTE.—The deaths included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district. The deaths included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" taken into account for the purpose of these tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums.

The births are not corrected by the distribution of those occurring in Lying-in Institutions.

Area of District in acres (exclusive of area covered by water), 1,703.5.

Total population at all ages	137,249	} At Census of 1901.
Number of inhabited houses	...	...	18,534
Average number of persons per house	...	...	7.4

BIRTHS AND BIRTH-RATE.

The births registered in the borough numbered 4,199,—2,188 males and 2,011 females—and were equal to an annual rate of 26.5 per 1,000 of the estimated population, which is 5.4 below the mean rate of the ten years 1899-1908.

Births in Lying-in Institutions.

Of the births registered, 115 took place in the Fulham Workhouse, and the mothers of seven of these children had resided, before admission, outside the borough, while the births of 114 children, whose mothers belonged to Fulham, occurred in Lying-in Institutions situate in other boroughs, so that the net number of births was 4,306, and the corrected birth-rate 27.1.

The birth-rate of the County of London was 24.2, being the lowest recorded since civil registration was adopted, and among the several metropolitan boroughs the rates, after being corrected by the distribution of the births occurring in Lying-in Institutions to the boroughs in which the mothers had resided previous to admission, ranged from 13.6 in the City of London, 14.1 in Hampstead, and 16.2 in Westminster, to 31.6 in Bethnal Green, 31.7 in Shoreditch, and 32.3 in Bermondsey.

The following table gives the number of births and the birth-rates in the various wards, corrected by the distribution of the births in Fulham Workhouse, and inclusive of those occurring in outside Maternity Institutions:—

TABLE III.

WARD.	Males.	Females.	Total Births.	Birth-rate.
Baron's Court	109	92	201	15.1
Lillie	361	328	689	28.8
Walham	190	154	344	25.5
Margravine	307	289	596	30.7
Munster	622	594	1,216	30.3
Hurlingham	112	129	241	26.2
Sands End	412	352	764	28.7
Town	126	129	255	19.6
	2,239	2,067	4,306	27.1

Illegitimacy.

The illegitimates numbered 227, or 5.3 per cent. of the total births. Of the births registered in the borough, 198 or 4.7 per cent. were illegitimate as were 29 or 25.4 per cent. of those born in outside institutions.

Still-born Children.

Two hundred and twenty-one still-born children were buried in Fulham Cemetery, being in the proportion of one still-born child to every nineteen living.

Excess of Births over Deaths.

The natural increase of the population of the borough by the excess of births over deaths was 2,191, compared with 2,553, 2,422, and 2,636 in the three preceding years.

DEATHS AND DEATH-RATE.

The deaths of 1,940 persons, 979 males and 961 females, were registered in Fulham during 1909, but of these 154, 100 males and 54 females, were of persons not belonging to the borough, who died within it, while the deaths of 329 residents in Fulham, 187 males and 142 females, occurred outside the borough, chiefly in various public institutions. There were, therefore, 2,115 deaths of persons belonging to Fulham, 1,066 males and 1,049 females, representing an annual rate of 13.34 per 1,000 of the estimated population, which is the same as that for 1908, and 2.2 per 1,000 below the average rate of the preceding ten years.

The death-rate of males was 14.2 and of females 12.5, assuming the sex constitution of the population to be the same as in 1901.

The death-rate of the County of London was 14.0 per 1,000, and among the several boroughs the lowest death-rates were 8.9 in Hampstead, 10.3 in Lewisham, and 11.3 in Stoke Newington, while the highest were 19.0 in Shoreditch, 19.2 in Finsbury, and 20.3 in the City of London.

The death-rate of England and Wales in 1909 was 14.5, and that of the seventy-five large provincial towns 14.9.

TABLE IV.
Causes of, and Ages at, Death during Year 1909.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.								TOTAL DEATHS WHETHER OF "RESIDENTS" OR "NON-RESIDENTS" IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Barons Court Ward.	Little Ward.	Walham Ward.	Margravine Ward.	Munster Ward.	Harlingham Ward.	Sands End Ward.	Town Ward.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Smallpox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	74	14	59	1	..	..	..	4	14	13	5	27	1	8	2	26
Scarlet fever	10	..	3	6	1	..	..	5	..	1	1	2	..	1	..	44
Whooping-cough	48	21	25	2	..	..	..	2	10	9	5	10	2	8	2	14
Diphtheria and membranous croup	39	3	27	9	..	..	..	1	8	3	6	10	1	9	1	98
Croup .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever, Enteric	4	..	..	..	1	3	..	..	..	..	2	..	1	1	..	15
Other continued .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza	29	..	2	..	2	18	7	5	3	2	2	7	4	2	4	..
Cholera .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa	97	82	12	..	..	..	3	3	13	9	27	26	3	14	2	33
Enteritis	19	15	..	..	..	4	..	1	3	4	..	3	1	3	4	..
Gastritis	5	2	..	..	..	1	2	..	2	2	1	..	..	..	..	..
Puerperal fever	13	..	..	..	1	12	..	1	3	..	1	4	1	3	..	7
Erysipelas	5	..	1	..	..	2	2	..	2	..	..	1	..	..	2	3
Phthisis (Pulmonary Tuberculosis)	206	1	5	10	31	145	14	13	41	16	37	46	11	29	13	87
Other tuberculous diseases	65	15	26	8	5	9	2	3	8	6	12	15	2	16	3	10
Cancer, malignant disease	143	..	1	..	1	97	44	15	20	12	16	35	11	19	15	31

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Bronchitis	175	24	8	..	1	46	96	14	33	17	17	34	14	25	21	29
Pneumonia	224	53	57	6	3	69	36	9	32	29	34	54	13	40	13	52
Pleurisy	9	..	2	1	..	5	1	1	..	..	2	3	2	..	1	..
Other diseases of Respiratory organs	11	1	4	..	..	5	1	..	1	2	2	2	1	1	2	..
Alcoholism ..)	19	..	..	..	..	13	6	1	2	3	1	5	2	1	4	5
Cirrhosis of liver )	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Venereal diseases	28	23	2	..	..	3	..	2	1	2	8	11	..	2	2	16
Premature birth	76	76	..	..	..	..	..	1	15	6	11	23	5	8	7	5
Diseases and accidents of parturition	5	..	..	..	2	3	..	1	1	..	1	1	..	1	..	2
Heart diseases	145	1	2	7	6	74	55	11	26	21	15	27	5	27	13	14
Accidents	57	13	7	..	3	24	10	5	9	5	5	16	3	11	3	11
Suicides	15	..	..	..	3	11	1	1	2	4	1	1	..	4	2	1
Manslaughter	1	..	..	..	..	1	..	..	..	..	..	1	..	..	..	1
All other causes	593	122	17	17	19	221	197	65	94	57	93	116	32	87	49	138
All causes	2115	466	260	67	79	766	477	164	343	223	305	480	115	320	165	642

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An extended table of the causes of death is given in the appendix.

Corrected Death-rate.

Death-rates vary considerably in different localities according to the age constitution of the populations, and in a district with a population comprising a large number of infants or very old people the death-rate, other conditions being similar, would of necessity be higher than that of one containing a large proportion of people of middle age. For the correction of the differences due to age and sex constitution, factors of correction have been published by the Registrar General for the provincial towns, and by the Medical Officer of Health of the London County Council for the metropolitan boroughs, and the multiplication of the recorded death-rate of a district by its factor of correction gives the death-rate which would obtain, if the age and sex constitution of the population were in the same proportion as it is in the whole of England and Wales, thus eliminating the differences due to age and sex.

In the following table the crude and corrected death-rates of Fulham may be compared with those of the adjoining boroughs, the County of London, England and Wales and the large and small towns.

TABLE V.

				Recorded Death-rate.		Corrected Death-rate.
Fulham	...	...	...	13.3	...	13.9
Kensington	...	...	...	13.3	...	14.4
Chelsea	...	...	...	14.4	...	15.0
Hammersmith	...	...	...	14.3	...	14.9
County of London	...	...	...	14.0	...	14.7
England and Wales	...	...	...	14.5	...	14.5
75 Provincial Towns	...	...	...	14.9	...	15.8
143 Smaller Towns	...	...	...	13.9	...	14.5
England and Wales less the						
219 towns	...	..	...	14.5	...	13.7

Seasonal Mortality.

The mortality in the four quarters of the year was as under :—

TABLE VI.

			Deaths.		Death-rate.
First quarter	...	...	691	...	17.4
Second quarter	...	...	478	...	12.1
Third quarter	...	...	445	...	11.2
Fourth quarter	...	...	501	...	12.6
			<u>2,115</u>	...	<u>13.3</u>

Mortality in Former Years.

In Table II. will be found the number of deaths and the death-rate in each of the ten preceding years. The difference between the rate for 1909 and the average of the ten years 1899-1908 represents a saving of 365 lives.

Distribution of Deaths.

Table IV. gives the number and causes of deaths in the several wards of the borough, and Table VII. gives the annual death-rates of each ward for 1909 and the ten preceding years.

TABLE VII.

Death-rate per 1,000 persons in each Ward.

	Baron's Court Ward.	Lillie Ward.	Walham Ward.	Margravine Ward.	Munster Ward.	Hurlingham Ward.	Sands End Ward.	Town Ward.
1899 ..	14.2	17.7	19.5	22.0	20.0	15.4	19.4	15.4
1900 ..	12.9	18.3	20.2	19.4	18.2	13.1	16.3	15.9
1901 ..	10.9	16.5	17.5	16.2	15.6	14.7	18.2	12.9
1902 ..	13.5	16.8	20.2	20.0	16.3	14.5	18.5	14.3
1903 ..	10.9	14.5	15.5	18.4	12.5	13.0	13.1	14.1
1904 ..	13.6	15.8	19.7	16.2	15.0	15.1	14.5	14.3
1905 ..	13.0	16.1	17.8	16.6	13.9	15.1	15.1	14.1
1906 ..	11.3	14.3	17.5	17.9	13.1	13.5	13.0	12.0
1907 ..	12.5	14.9	16.6	19.1	12.6	12.2	12.1	11.5
1908 ..	11.6	14.2	16.8	13.8	12.4	15.5	13.8	10.6
Average 10 yrs. 1899-1908	12.5	15.9	18.1	18.0	15.0	14.2	15.4	13.5
1909 ..	12.3	14.5	17.8	15.8	12.0	12.5	12.2	12.7

MORTALITY AT DIFFERENT AGES.

Infantile Mortality.

Of the 2,115 deaths registered, 466, or 22 per cent., were of infants under one year of age, and the rate of infant mortality, measured by the proportion of deaths under one year to births registered in Fulham, was 111 per 1,000, and 108 per 1,000 after the inclusion of the births in the metropolitan maternity institutions.

This is the lowest infantile death-rate yet recorded, and is 33 per 1,000 below the average rate of the preceding ten years.

The corresponding rate of the County of London was the same as that of Fulham, and in eleven metropolitan boroughs the infantile mortality was higher, and in seventeen lower, than in Fulham, the rates ranging from 75 per 1,000 in Hampstead to 140 per 1,000 in Shoreditch.

England and Wales had an infantile mortality rate of 109 and the seventy-five large provincial towns one of 122 per 1,000.

The decline in infantile mortality of recent years will be seen from the subjoined table, and although climatic conditions have doubtless been an important factor in the reduction, and especially so in 1909, there are grounds for thinking that the administrative measures aiming at the instruction of nursing and prospective mothers have been attended with some measure of success.

TABLE VIII.

					Deaths of Infants under one year of age per 1,000 births.	
					Fulham.	County of London.
Mean of 5 years	1886-1890	...	...	...	166	153
"	" 1891-1895	...	...	...	168	156
"	" 1896-1900	...	...	...	167	162
"	" 1901-1905	...	...	...	145	138
1906	...	...	...	...	134	131
1907	...	...	...	...	122	116
1908	...	...	...	...	116	113
1909	...	...	...	...	108	108

Causes of Infantile Mortality.

Table X. gives the causes of infantile mortality at various periods under one year, and the following gives the proportion of deaths occurring at certain age periods:—

TABLE IX.

Age Period.	Percentage of Total Deaths under one Year.
Under one week	19.7
Over one and under four weeks	12.0
One and under three months	21.2
Three and under six months	18.5
Six and under nine months	16.1
Nine and under twelve months	12.5

From diarrhoeal diseases there were 99 deaths, or 23.0 per 1,000 births, as against 25.5, 21.8, and 47.8 per 1,000 in the three preceding years.

Wasting diseases show a decrease of 6, and respiratory diseases a decrease of 2 per 1,000 births, while infectious diseases were slightly more prevalent than in 1908.

TABLE
INFANTILE MORTALITY

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes (Certified)	92	19	23	14	148	54	45	27	29	29	27	19	30	23	13	22	466
Common Infectious diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Measles	...	...	...	...	...	...	...	...	...	1	1	1	3	5	1	2	14
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	3
Whooping Cough	...	...	...	...	...	3	2	1	1	1	1	2	2	2	3	3	21
Diarrhoeal diseases—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea, all forms	...	...	...	1	1	9	13	7	14	5	12	4	5	6	3	3	82
Enteritis, Muco-enteritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastro-enteritis	...	1	1	...	2	2	3	2	...	2	2	1	1	...	...	...	15
Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	2
Wasting diseases—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	51	3	7	6	67	5	1	2	1	...	...	...	...	...	...	...	76
Congenital Defects	18	2	1	...	21	2	2	1	1	2	...	...	...	1	...	...	30
Injury at Birth...	8	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	8
Want of Breast-milk, Starvation	...	1	...	1	2	1	...	...	...	2	...	...	...	...	...	...	5
Atrophy, Debility, Marasmus	4	3	6	3	16	8	4	3	4	3	1	...	1	2	...	2	44
Tuberculous diseases—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	1	4
Tuberculous Peritonitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Mesenterica	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	2
Other Tuberculous diseases	...	1	...	...	1	2	...	...	...	...	...	5	1	1	...	10	...
Other Causes—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis	4	2	...	1	7	5	6	1	...	2	1	...	1	...	...	...	23
Rickets	...	...	...	...	...	...	...	...	...	1	1	2	...	...	1	...	5
Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	...	3
Bronchitis	...	2	1	1	2	6	2	3	2	1	...	...	2	3	1	4	24
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Pneumonia	...	1	1	...	2	10	4	4	5	5	4	4	5	2	2	6	53
Suffocation, overlying...	2	...	2	...	4	3	3	1	...	...	...	...	...	...	...	...	11
Other Accidents	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	2
Other Causes	2	4	1	...	7	...	1	3	...	2	1	1	2	...	...	...	17
	92	19	23	14	148	54	45	27	29	29	27	19	30	23	13	22	466

* Births in the year—Legitimate, 4079; Illegitimate, 227.

Deaths in the year—Legitimate infants, 399; Illegitimate infants, 67.

* After distribution of the births in metropolitan Lying-in Institutions.

X
DURING THE YEAR 1909.

Deaths under One year belonging to Localities.								Deaths under One year in previous years.			
Barnes Court Ward.	Lillie Ward.	Walham Ward.	Margravine Ward.	Monster Ward.	Hurlingham Ward.	Sands End Ward.	Town Ward.	Total Deaths under 1 year, 1908.	Total Deaths under 1 year, 1906.	Total Deaths under 1 year, 1907.	Total Deaths under 1 year, 1908.
15	84	48	79	125	18	72	25	691	647	564	544
..	..	..	..	..	..	..	..	1	2	1	1
..
..	2	3	1	5	1	2	..	25	10	10	19
..	..	..	..	..	..	..	..	..	1	1	..
..	1	..	..	1	..	1	..	..	4	3	3
1	5	3	2	4	1	3	2	36	11	41	14
1	12	6	25	20	2	14	2	165	192	69	97
..	3	4	..	4	1	1	2	16	24	21	18
..	1	1	..	..	..	..	..	10	12	8	5
1	15	7	11	23	5	8	6	97	94	100	101
2	8	3	5	8	1	3	..	19	39	32	40
..	1	..	1	6	..	..	..	4	11	8	8
..	1	..	2	2	..	..	..	1	3	2	2
1	14	4	7	4	2	8	4	69	47	57	45
..	2	..	..	2	..	..	..	18	10	4	8
1	1	..	..	..	..	..	..	1	3	3	6
..	2	1	1	..	..	6	..	13	12	17	11
..	..	..	..	..	..	..	..	1	1	..	1
1	1	2	6	10	..	2	1	18	9	8	16
..	2	..	2	..	..	..	1	..	2	3	2
..	..	1	..	1	..	1	..	10	10	7	8
1	2	..	1	3	..	1	2	25	20	7	10
4	1	2	3	5	2	5	2	47	19	50	21
..	..	..	1	..	..	..	..	2	..	..	..
2	7	8	7	16	3	9	1	59	52	67	74
..	2	2	2	4	..	1	..	13	18	15	14
..	..	..	1	1	..	..	..	5	3	2	4
..	1	1	2	5	..	6	2	38	42	30	18
15	84	48	79	125	18	72	25	692	649	565	545

Population—158,560 (estimated to middle of 1909).

Deaths from all Causes at all Ages—2,115.

Table XI. gives the infantile death-rates of the several wards of the borough, corrected by the distribution of the births in Fulham Infirmary, since 1901, when the returns of the births registered in the borough were first obtained.

TABLE XI.

Deaths under one year per 1,000 births.

WARD.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.*
Baron's Court ..	152	134	98	181	108	88	146	91	75
Lillie	149	159	138	137	147	137	151	106	122
Walham	195	164	142	185	183	166	184	152	140
Margravine ..	138	157	144	179	153	171	136	129	133
Munster	139	130	125	140	137	142	116	120	102
Hurlingham ..	147	99	104	159	98	150	99	81	76
Sands End ..	174	182	121	156	168	127	107	136	94
Town	118	106	76	121	105	72	64	64	98

* The figures for 1909 include the births in outside Maternity Institutions.

PREVENTION OF INFANT MORTALITY.

Notification of Births Act.

Three thousand two hundred and sixty-five notifications were received under the above Act, 3,196 of living and 69 of stillborn children, 75 per cent. of the births registered being notified. Of these, 1,896, or 58 per cent. were notified by *wives*, 1,058, or 32.4 per cent. by medical practitioners, and 311, or 9.6 per cent. by the father or some other relative.

Three hundred and twenty-five mothers were visited by the Sanitary Inspector, Mrs. Davies, and 679 by voluntary helpers who worked in connection with the Fulham School for Mothers, but as has been repeatedly urged there is need for the ser-

vices of at least one lady who could devote her whole time to this work, and as power is now given by the London County Council General Powers Act, 1908, to sanitary authorities "to appoint suitable women (to be known as health visitors) for the purpose of giving to persons advice as to the proper assistance, care and management of young children, and the promotion of cleanliness," I trust that the Council will now make such an appointment.

Mention was made in the report for 1908 of the inauguration of a scheme for the reduction of infantile mortality by the systematic instruction of nursing and expectant mothers on the lines of the St. Pancras School for Mothers, and it is satisfactory to record its success. From July, 1908, to June, 1909, a weekly consultation was held at St. Augustine's Hall, to which mothers brought their babies who were seen by the Hon. Medical Officer, Miss Alice Benham, M.B.Lond., and advice was given on their feeding, nursing and clothing, and as the numbers attending continued to increase, and promises of adequate financial support were received, the Committee decided to extend the scope of their work, and with this object took permanent premises at 92, Greyhound Road and engaged a lady superintendent. Medical consultations are now held at this address twice a week, dinners are provided for nursing and expectant mothers at a charge of 2d. a meal, and cookery, dressmaking and other classes are held.

In all 362 babies have passed through the school who have made 1,320 attendances, and the results as given in the report of the School recently published are most encouraging.

Deaths of Illegitimate Infants.

Sixty-seven of the children who died before attaining the age of one year were illegitimate, the mortality among them being in the proportion of 295 deaths per 1,000 births, against 98 per 1,000 among children born in wedlock.

In calculating the illegitimate death-rate the illegitimates born in outside institutions have been included, but in previous reports this was not the case, as information as to their status was not obtained. If the illegitimates born outside be excluded, the death-rate in 1909 was 338 per 1,000, which compares with an average of 342 per 1,000 in the previous ten years, so that the decline in infant mortality does not seem in Fulham as yet to have extended to the illegitimates.

The provision of the Infant Life Protection Act, 1907, requiring notice to be given to the local authority by all persons receiving more than one child under the age of 5 years has been extended by the Children's Act, 1908, which requires notice to be given where a person undertakes for reward the nursing and maintenance of one or more infants under the age of seven years apart from their parents or having no parents. The local authority under the Act in the County of London is the London County Council, and the sections dealing with nurse children are administered not by the Public Health Department, but for some not very obvious reason, by the Public Control Department, which deals with the storage of petroleum, the registration of motor cars and kindred matters.

With the view of co-operating if possible in its administration, application was made to the County Council for a list of persons registered in Fulham under the Act, but this information was refused.

The following table gives the causes of deaths among illegitimates, and it may be noted that the death-rate from diarrhoeal diseases alone is equal to that from all causes among legitimate children.

TABLE XII.

MORTALITY OF ILLEGITIMATE INFANTS.

Deaths of Illegitimate infants from stated Causes in Weeks and Months under One year of age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Mon.h.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
Common Infectious diseases																	
Small-Pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-Pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Diarrhœal Diseases—																	
Diarrhœa, all forms ...	...	...	...	...	...	1	7	3	2	1	3	...	...	...	...	1	18
Enteritis, Muco-enteritis																	
Gastro-enteritis ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Gastritis, Gastro-intestinal Catarrh ...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
Wasting diseases—																	
Premature Birth ...	2	...	2	...	4	...	1	...	...	...	...	...	...	...	...	...	5
Congenital Defects ...	2	...	...	1	3	2	1	...	...	...	...	...	...	...	...	...	6
Injury at Birth... ..	4	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	4
Want of Breast-milk, Starvation ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Atrophy, Debility, Marasmus ...	2	...	1	...	3	2	2	...	1	...	...	...	...	...	1	...	9
Tuberculous diseases—																	
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Peritonitis:																	
Tube: Mesenterica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous diseases ...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
Other Causes—																	
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis ...	1	...	...	1	2	1	...	...	...	...	1	...	...	...	...	...	4
Rickets ...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	2
Meningitis (<i>not Tuberculous</i>) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions ...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2
Bronchitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia ...	...	...	...	...	...	...	2	1	3	1	...	...	...	...	...	...	7
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes ...	1	...	...	...	1	...	...	...	...	...	...	1	1	...	...	...	3
	11	1	3	2	17	8	14	4	7	4	7	2	1	...	2	1	67

Deaths of Children under Five Years of Age.

Between the ages of one and five years 260 deaths were recorded, so that the deaths of children under the age of five years numbered 726, or 34.3 per cent. of the deaths at all ages. The number corresponds to a death-rate of 35.4 per 1,000 of the children estimated to be living at that age, which is the lowest yet recorded in Fulham.

Insurance of Infants.

Certificates under the Friendly Societies Act, 1896, were issued in respect of 372 children under five, 51 per cent. of the children dying at that age period being insured.

Mortality at School Age.

At the ages of five to fifteen years, which is approximately the school period of life, there were sixty-seven deaths, or 3.2 per cent. of the total number, representing a mortality of 2.1 per 1,000 of those living at that age.

Mortality at Adolescence.

Between the ages of fifteen and twenty-five years, seventy-nine, or 3.7 per cent. of the total deaths, were recorded, the rate at this age period being 2.8 per 1,000.

Mortality at Maturity.

Seven hundred and sixty-six, or 36.3 per cent. of all the deaths, occurred between the ages of twenty-five and sixty-five years, the mortality being at the rate of 10.7 per 1,000.

Mortality at Decline.

At the age of sixty-five and upwards there were 477 deaths, or 22.6 per cent. of those at all ages, corresponding to a death-rate of 92.4 per 1,000.

DEATHS FROM EPIDEMIC DISEASES.

To the seven principal epidemic diseases 272 deaths were ascribed, representing a death-rate of 1.71 per 1,000 inhabitants, which is 0.87 per 1,000 below the mean rate of the decennium 1899-1908, each of the seven diseases showing a lower mortality.

The corresponding rate of the County of London was 1.3 per 1,000, and in the metropolitan boroughs the rates ranged from 0.5 in Hampstead to 2.7 in Bermondsey.

In Table XIII. will be found the number of deaths from each of the principal epidemic diseases in 1909 and the ten preceding years, and in Table XIV. the death-rates from them per 1,000 of the estimated population of each ward in 1909.

Deaths from the seven principal epidemic diseases	TABLE XIV.									
	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
Diphtheria	123	120	181	135	124	124	124	124	124	124
Erysipelas	39	19	35	2	19	9	334	300	301	302
Diphtheria, Croup, Whooping Cough	26	12	48	21	10	34	34	34	34	34
H. Pseudotuberculosis	24	24	19	92	10	42	92	92	92	92
Scarlet Fever	33	33	30	16	10	8	10	10	10	10
Measles	98	90	121	128	128	128	128	128	128	128
Swampy Water	..	..	3	13	13	13	13	13	13	13
Huddington Ward	..	..	..	..	..	..	..	..	..	..
Salisbury Ward	..	..	..	..	..	..	..	..	..	..
Town Ward	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900
..

TABLE XIII

Deaths from the seven principal epidemic diseases

TABLE XIII

Deaths from the seven principal Infectious Diseases.

	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	Mean number of Deaths 1899-1908.	Mean Death- rate 1899-1908.	Deaths 1909.	Death- rate 1909.
Smallpox .. ..	..	..	3	13	..	..	..	..	..	..	1.6	0.01	..	0.00
Measles	68	80	37	168	62	64	85	53	69	71	76	0.52	74	0.47
Scarlet Fever ..	33	23	20	19	8	4	23	18	14	17	18	0.12	10	0.06
Whooping Cough ..	54	54	76	65	48	58	82	31	75	34	58	0.40	48	0.30
Diphtheria	59	65	48	51	24	24	24	33	38	32	40	0.28	39	0.25
Enteric Fever ..	26	19	22	9	16	6	10	13	8	10	14	0.10	4	0.02
Diarrhoea	183	156	181	129	167	224	200	243	83	112	168	1.15	97	0.61
	423	397	387	454	325	380	424	391	287	276	376	2.58	272	1.71

TABLE XIV.

Deaths from the seven principal epidemic diseases per 1,000 of the population in each Ward in 1909.

					Smallpox.	Measles.	Scarlet Fever.	Diph- theria.	Whooping Cough.	Enteric Fever.	Diarrhœa.	Total.
Baron's Court Ward	..	..	..	..	0.00	0.30	0.38	0.08	0.16	0.00	0.23	1.15
Lillie Ward	..	..	..	..	0.00	0.59	0.00	0.32	0.43	0.00	0.55	1.89
Walham Ward	..	..	..	..	0.00	0.96	0.07	0.22	0.67	0.00	0.67	2.39
Margravine Ward	.	..	..	..	0.00	0.25	0.05	0.31	0.25	0.10	1.39	2.35
Munster Ward	..	..	..	..	0.00	0.67	0.05	0.25	0.25	0.00	0.65	1.87
Hurlingham Ward	..	..	..	..	0.00	0.11	0.00	0.11	0.22	0.11	0.33	0.88
Sands End Ward	..	..	..	..	0.00	0.30	0.04	0.34	0.30	0.04	0.53	1.55
Town Ward	..	..	..	..	0.00	0.15	0.00	0.08	0.15	0.00	0.15	0.53
The Borough	..	..	..	..	0.00	0.47	0.06	0.30	0.25	0.02	0.61	1.71

Sickness from Notifiable Infectious Diseases.

Table XV. gives the number of cases of infectious diseases notified in Fulham since 1890, when compulsory notification came into force, excluding duplicate notifications.

Table XVI. gives the number of cases notified in and removed from each ward in 1909, and Table XVII. the number of cases notified per 10,000 inhabitants.

Disease	Number of cases notified in 1909				Number of cases removed in 1909				Number of cases notified per 10,000 inhabitants in 1909			
	Ward	Number of cases notified in 1909	Number of cases removed in 1909	Number of cases notified in 1909	Ward	Number of cases notified in 1909	Number of cases removed in 1909	Number of cases notified in 1909	Ward	Number of cases notified in 1909	Number of cases removed in 1909	Number of cases notified in 1909
Typhoid fever	Ward I.	1	1	1	Ward I.	1	1	1	Ward I.	1	1	1
	Ward II.	1	1	1	Ward II.	1	1	1	Ward II.	1	1	1
Typhoid fever	Ward III.	1	1	1	Ward III.	1	1	1	Ward III.	1	1	1
	Ward IV.	1	1	1	Ward IV.	1	1	1	Ward IV.	1	1	1
Typhoid fever	Ward V.	1	1	1	Ward V.	1	1	1	Ward V.	1	1	1
	Ward VI.	1	1	1	Ward VI.	1	1	1	Ward VI.	1	1	1
Typhoid fever	Ward VII.	1	1	1	Ward VII.	1	1	1	Ward VII.	1	1	1
	Ward VIII.	1	1	1	Ward VIII.	1	1	1	Ward VIII.	1	1	1
Typhoid fever	Ward IX.	1	1	1	Ward IX.	1	1	1	Ward IX.	1	1	1
	Ward X.	1	1	1	Ward X.	1	1	1	Ward X.	1	1	1
Typhoid fever	Ward XI.	1	1	1	Ward XI.	1	1	1	Ward XI.	1	1	1
	Ward XII.	1	1	1	Ward XII.	1	1	1	Ward XII.	1	1	1
Typhoid fever	Ward XIII.	1	1	1	Ward XIII.	1	1	1	Ward XIII.	1	1	1
	Ward XIV.	1	1	1	Ward XIV.	1	1	1	Ward XIV.	1	1	1
Typhoid fever	Ward XV.	1	1	1	Ward XV.	1	1	1	Ward XV.	1	1	1
	Ward XVI.	1	1	1	Ward XVI.	1	1	1	Ward XVI.	1	1	1
Typhoid fever	Ward XVII.	1	1	1	Ward XVII.	1	1	1	Ward XVII.	1	1	1
	Ward XVIII.	1	1	1	Ward XVIII.	1	1	1	Ward XVIII.	1	1	1
Typhoid fever	Ward XIX.	1	1	1	Ward XIX.	1	1	1	Ward XIX.	1	1	1
	Ward XX.	1	1	1	Ward XX.	1	1	1	Ward XX.	1	1	1
Typhoid fever	Ward XXI.	1	1	1	Ward XXI.	1	1	1	Ward XXI.	1	1	1
	Ward XXII.	1	1	1	Ward XXII.	1	1	1	Ward XXII.	1	1	1
Typhoid fever	Ward XXIII.	1	1	1	Ward XXIII.	1	1	1	Ward XXIII.	1	1	1
	Ward XXIV.	1	1	1	Ward XXIV.	1	1	1	Ward XXIV.	1	1	1
Typhoid fever	Ward XXV.	1	1	1	Ward XXV.	1	1	1	Ward XXV.	1	1	1
	Ward XXVI.	1	1	1	Ward XXVI.	1	1	1	Ward XXVI.	1	1	1
Typhoid fever	Ward XXVII.	1	1	1	Ward XXVII.	1	1	1	Ward XXVII.	1	1	1
	Ward XXVIII.	1	1	1	Ward XXVIII.	1	1	1	Ward XXVIII.	1	1	1
Typhoid fever	Ward XXIX.	1	1	1	Ward XXIX.	1	1	1	Ward XXIX.	1	1	1
	Ward XXX.	1	1	1	Ward XXX.	1	1	1	Ward XXX.	1	1	1
Typhoid fever	Ward XXXI.	1	1	1	Ward XXXI.	1	1	1	Ward XXXI.	1	1	1
	Ward XXXII.	1	1	1	Ward XXXII.	1	1	1	Ward XXXII.	1	1	1
Typhoid fever	Ward XXXIII.	1	1	1	Ward XXXIII.	1	1	1	Ward XXXIII.	1	1	1
	Ward XXXIV.	1	1	1	Ward XXXIV.	1	1	1	Ward XXXIV.	1	1	1
Typhoid fever	Ward XXXV.	1	1	1	Ward XXXV.	1	1	1	Ward XXXV.	1	1	1
	Ward XXXVI.	1	1	1	Ward XXXVI.	1	1	1	Ward XXXVI.	1	1	1
Typhoid fever	Ward XXXVII.	1	1	1	Ward XXXVII.	1	1	1	Ward XXXVII.	1	1	1
	Ward XXXVIII.	1	1	1	Ward XXXVIII.	1	1	1	Ward XXXVIII.	1	1	1
Typhoid fever	Ward XXXIX.	1	1	1	Ward XXXIX.	1	1	1	Ward XXXIX.	1	1	1
	Ward XL.	1	1	1	Ward XL.	1	1	1	Ward XL.	1	1	1
Typhoid fever	Ward XLI.	1	1	1	Ward XLI.	1	1	1	Ward XLI.	1	1	1
	Ward XLII.	1	1	1	Ward XLII.	1	1	1	Ward XLII.	1	1	1
Typhoid fever	Ward XLIII.	1	1	1	Ward XLIII.	1	1	1	Ward XLIII.	1	1	1
	Ward XLIV.	1	1	1	Ward XLIV.	1	1	1	Ward XLIV.	1	1	1
Typhoid fever	Ward XLV.	1	1	1	Ward XLV.	1	1	1	Ward XLV.	1	1	1
	Ward XLVI.	1	1	1	Ward XLVI.	1	1	1	Ward XLVI.	1	1	1
Typhoid fever	Ward XLVII.	1	1	1	Ward XLVII.	1	1	1	Ward XLVII.	1	1	1
	Ward XLVIII.	1	1	1	Ward XLVIII.	1	1	1	Ward XLVIII.	1	1	1
Typhoid fever	Ward XLIX.	1	1	1	Ward XLIX.	1	1	1	Ward XLIX.	1	1	1
	Ward L.	1	1	1	Ward L.	1	1	1	Ward L.	1	1	1

TABLE XV.

Cases of Infectious Diseases notified to Medical Officer of Health.

	1890	1891	1892	1893	1894	1895	1896	1897	1898*	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Smallpox...	—	—	3	32	40	2	2	—	—	1	9	16	94	11	—	—	—	—	—	—
Scarlet Fever ...	286	118	517	701	529	339	627	759	811	847	552	600	552	404	294	779	674	668	596	511
Diphtheria ...	70	69	96	230	329	368	341	378	465	514	630	636	417	286	299	285	403	603	400	322
Membranous Croup	23	13	15	20	13	18	14	10	11	14	11	8	12	7	3	1	—	1	—	—
Enteric Fever ...	72	51	41	58	37	57	53	53	71	111	92	133	74	80	39	56	45	58	39	41
Continued Fever ...	—	—	—	6	2	3	5	5	1	1	2	1	—	—	—	—	—	1	—	1
Typhus Fever ...	2	3	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ...	—	—	—	5	—	—	2	1	—	4	—	1	—	—	—	—	—	—	—	—
Puerperal Fever ...	6	6	10	18	10	6	6	14	8	13	9	7	7	19	8	24	17	15	17	34
Erysipelas...	114	67	104	153	113	94	99	1	121	178	154	132	121	115	131	143	141	128	127	115
Epidemic Cerebro-spinal Meningiti-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	4	3
TOTALS ...	573	327	786	1,224	1,073	887	1,149	1,221	1,488	1,683	1,459	1,534	1,277	922	774	1,288	1,280	1,477	1,183	1,027

TABLE XVI.
Cases of Infectious Disease notified during the Year 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.								NUMBER OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.								
	At all Ages.	AT AGES—YEARS.						Baron's Court Ward.	Lillie Ward.	Walham Ward.	Margravine Ward.*	Munster Ward.	Hurlingham Ward.	Sands End Ward.	Town Ward.	Baron's Court Ward.	Lillie Wa. d.	Walham Ward.	Margravine Ward.*	Munster Ward.	Hurlingham Ward.	Sands End Ward.	Town Ward.	Total cases removed to Hospital.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.																	
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous Croup) ...	322	9	146	132	25	10	—	13	39	27	52	88	21	55	27	10	39	27	45	81	19	55	18	294
Erysipelas	115	2	4	8	10	70	21	6	18	19	32	15	9	11	5	1	6	13	21	7	3	5	—	56†
Scarlet Fever	511	5	144	303	33	26	—	42	78	21	63	159	13	111	24	30	73	21	57	147	11	106	19	464
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	41	—	1	9	14	16	1	3	10	5	7	5	7	4	—	2	8	5	6	5	5	3	—	34
Relapsing Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued Fever	1	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Puerperal Fever	34	—	—	—	7	27	—	1	4	1	7	11	3	7	—	—	2	—	7	9	2	6	—	26†
Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	3	1	—	1	—	1	—	—	—	1	—	—	—	2	—	—	—	1	—	—	—	2	—	3
TOTALS	1027	17	295	453	89	151	22	65	149	75	161	278	53	190	56	43	128	68	136	249	40	177	37	878

* Fulham Workhouse situated in Margravine Ward.

† Removed to the Fulham Infirmary.

TABLE XVII.

Cases of Infectious Diseases notified per 10,000 inhabitants.

WARD.	Small-pox.	Scarlet Fever.	Diphtheria.	Enteric Fever.	Erysipelas.	Puerperal Fever.	Cerebro-spinal Meningitis.	Total.
Baron's Court	0.0	32.3	9.8	2.3	4.5	0.8	0.0	49.7
Lillie	0.0	33.0	16.5	4.2	7.2	1.7	0.0	62.6
Walham ..	0.0	15.6	20.0	3.7	14.1	0.7	0.7	54.8
Margravine ..	0.0	32.5	26.3	3.6	16.5	3.6	0.0	82.5
Munster ..	0.0	39.7	21.9	1.2	3.7	2.7	0.0	69.2
Hurlingham	0.0	14.1	22.8	7.6	9.8	3.3	0.0	58.6
Sands End ..	0.0	41.9	20.8	1.5	4.2	2.6	0.8	71.8
Town	0.0	18.5	20.8	0.0	3.8	0.0	0.0	43.1
The Borough	0.0	32.2	20.3	2.6	7.3	2.1	0.2	65.7

SMALL-POX.

There has been no case of small-pox in Fulham since 1903.

In the County of London, 26 cases were notified in 1909, with two deaths.

Primary Vaccination.

The following tables, furnished by Mr. Davies, Vaccination Officer, give the vaccination returns for 1908, and the first six months of 1909 :—

TABLE XVIII.

Supplemental Return for 1908 for the Borough of Fulham.

No. of Births Registered from Jan. 1st, 1908, to Dec. 31st, 1908.	Successfully Vaccinated.	Insusceptible of Vaccination.	Dead Un vaccinated.	Postponed by Medical Certificate.	Certificates granted under Clause 2 of Vaccination Act, 1898.	Removed to Districts in which Vaccination Officer has been notified.	Removed to places unknown.	Outstanding.
4,568	3,314	16	357	83	307	29	439	23

TABLE XIX.

Return of Vaccination for the period from January to June, 1909, for the Borough of Fulham.

No. of Births Registered from Jan. 1st, 1909, to June 30th, 1909.	Successfully Vaccinated.	Insusceptible of Vaccination.	Dead Unvaccinated.	Postponed by Medical Certificate.	Certificates granted under Clause 2 of Vaccination Act, 1898.	Removed to Districts in which Vaccination Officer has been notified.	Removed to places unknown.	Outstanding.
2,161	1,570	4	129	55	171	14	200	18

The proportion of children born in 1908, not finally accounted for, including cases postponed, amounted to 19.6 per cent. of the total births, a higher proportion than in any previous year, and there was again a marked increase in the number of conscientious objectors.

The following table shows the proportion of unvaccinated children during the ten years 1898-1907 :—

TABLE XX.

Year.	Births.	Successfully Vaccinated.	Insusceptible of Vaccination.	Died Unvaccinated.	Vaccination postponed.	Removed, &c.	Certificates granted under Clause 2 of the Vaccination Act of 1898.	Percentage not finally accounted for.
1898	4,306	3,170	23	453	78	497	90	16.0
1899	4,574	3,360	27	615	76	384	66	12.1
1900	4,525	3,345	13	470	65	458	63	13.2
1901	4,596	3,603	11	641	19	478	53	12.2
1902	4,790	3,700	19	457	51	439	29	11.3
1903	4,790	3,755	13	423	66	479	61	13.0
1904	4,905	3,834	17	505	47	449	60	11.2
1905	4,760	3,794	11	442	39	398	69	10.9
1906	4,767	3,643	15	422	92	498	98	14.8
1907	4,506	3,360	8	325	63	582	168	18.2

SCARLET FEVER.

The notified cases of scarlet fever were 511, compared with 594, 668, and 674 in the three preceding years.

The returns for the four quarters were:—

			Cases.		Deaths.
1st quarter	...	...	85	...	1
2nd "	...	...	126	...	2
3rd "	...	...	137	...	2
4th "	...	...	163	...	5
			<hr/>		<hr/>
			511	...	10
			<hr/>		<hr/>

The cases occurred in 406 houses, as under:—

Houses with one case	...	...	...	335
" " two cases	...	...	...	52
" " three "	...	...	...	10
" " four "	...	...	...	6
" " five "	...	...	...	—
" " six "	...	...	...	3

Isolation.—464, or 90.8 per cent. of the patients notified, were removed to the hospital for treatment.

Fatality.—The deaths from the disease, ten in number, represent a case mortality of just under 2 per cent., which is the lowest yet recorded in Fulham.

Return Cases.—Fourteen cases occurred within fourteen days of the return from hospital of a child living in the same house, after recovery from a similar attack.

Distribution of Cases.

In Table XVI. will be found the number of cases notified in and removed from each ward in the borough, and the following table shows the proportional prevalence of scarlet fever in the several wards during 1909 and the preceding years.

In Table "B" in the appendix are given the streets in which the cases occurred.

TABLE XXI.

Number of cases of Scarlet Fever notified per 10,000 of the population.

	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	Mean of 10 years 1899-1908	1909
Baron's Court Ward	48	25	34	18	9	20	52	25	17	23	27	32
Lillie ...	70	34	40	25	18	11	54	63	47	36	40	33
Walham ...	60	28	65	17	14	21	43	47	28	21	34	16
Margravine ...	53	37	28	51	37	11	34	40	45	28	36	33
Munster ...	65	43	38	29	27	26	64	41	35	39	41	40
Hurlingham ...	74	40	57	26	22	12	40	42	44	43	40	14
Sands End ...	79	62	61	81	46	24	54	41	64	60	57	42
Town ...	67	30	30	26	32	23	43	29	32	23	34	19
The Borough ...	65	41	47	38	28	19	50	42	42	37	41	32
The County of London	49	30	41	40	28	29	42	43	52	46	40	

DIPHTHERIA.

The cases notified as diphtheria were 322, the numbers for the preceding three years being 400, 603 and 403.

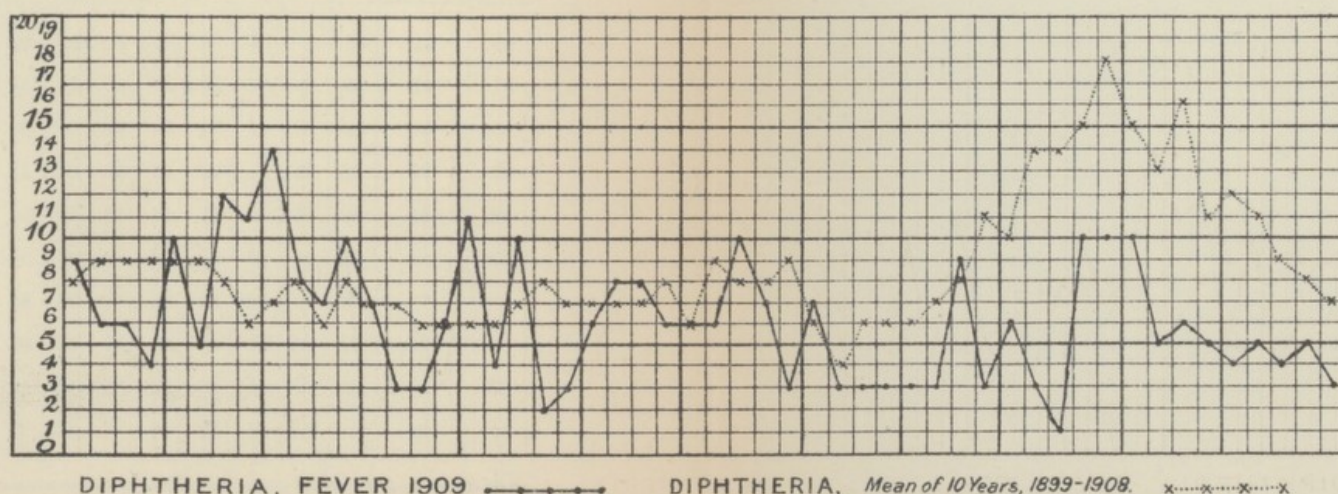
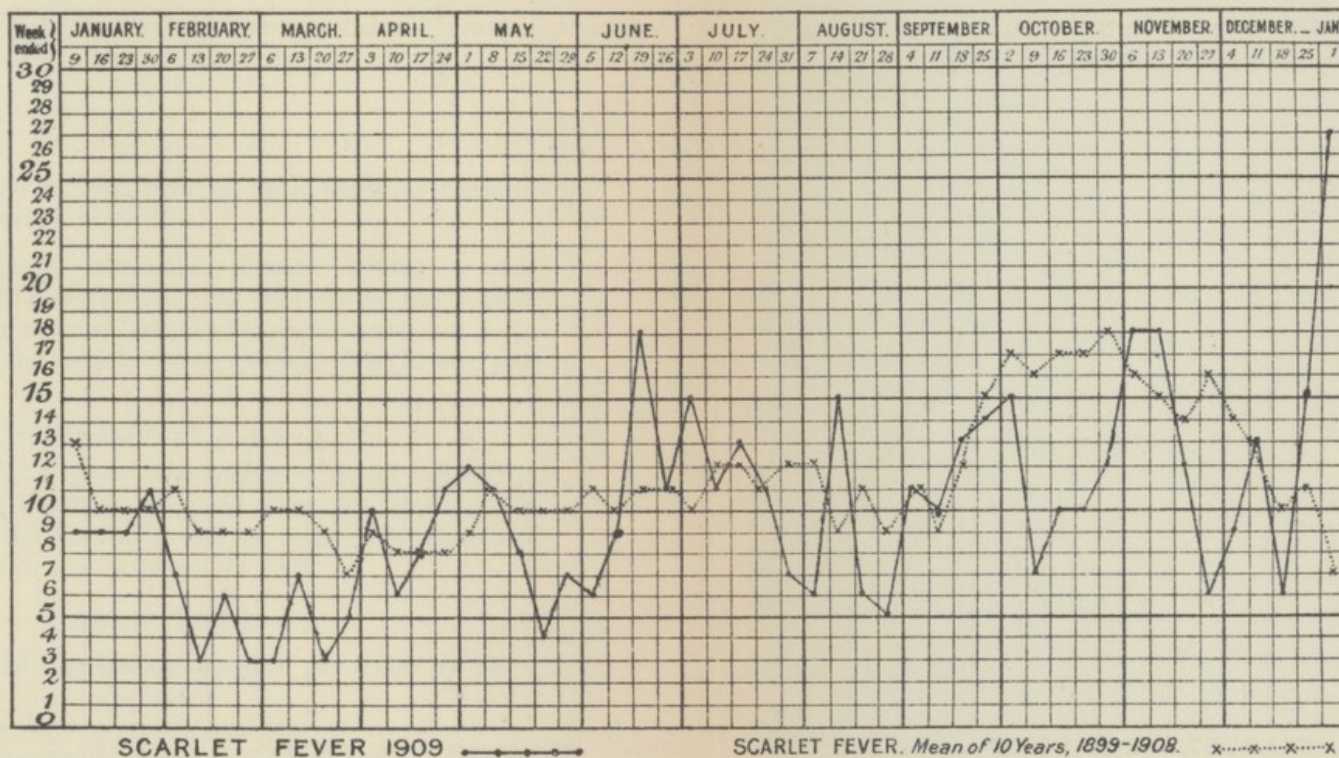
The returns for the four quarters were as under:—

	Cases.	Deaths.
1st quarter ...	109	20
2nd „ ...	76	4
3rd „ ...	66	5
4th „ ...	71	10
	—	—
	322	39
	==	==

Although showing a decline as compared with the last three years the disease was proportionally more prevalent in Fulham than in any metropolitan borough.

CHART SHEWING WEEK BY WEEK THE NUMBER OF CASES OF SCARLET FEVER AND DIPHTHERIA.

*Notified by Medical Practitioners as having occurred in the
Borough of Fulham during the 52 Weeks ended January 1st, 1910.*



The cases occurred in 269 houses, as under:—

Houses with one case ...	232
„ „ two cases ...	27
„ „ three „ ...	6
„ „ four „ ...	3
„ „ five „ ...	—
„ „ six „ ...	1

Isolation.—294, or 91.3 per cent. of those suffering from the disease were removed to hospital.

Fatality.—39 cases terminated fatally, giving a case mortality of 12.1 per cent., or 14.1 per cent. if the thirty-eight be deducted, which were subsequently ascertained not to be cases of diphtheria, the fatality being greater than in any year since 1898.

Distribution of Cases.

The subjoined table gives the number of cases notified in the several wards of the borough since 1899, per 10,000 of the population, and in the appendix will be found the streets in which the cases and deaths occurred in 1909.

TABLE XXIII.

Number of cases of Diphtheria notified per 1,000 of the population.

	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	Mean of 10 years 1899-1908.	1909
Baron's Court Ward	26	21	29	22	9	10	20	17	7	13	17	10
Lillie ...	36	43	58	23	23	13	14	17	38	24	29	16
Walham ...	40	29	36	17	29	10	17	15	20	22	23	20
Margravine ...	41	45	40	23	15	21	22	40	37	29	31	26
Munster ...	49	62	58	48	15	24	17	24	38	25	36	22
Hurlingham ..	51	18	40	19	27	20	22	16	41	27	28	23
Sands End ...	49	77	48	36	31	34	22	36	68	28	43	21
Town ...	35	36	39	16	17	13	12	20	21	23	23	21
The Borough ...	40	47	43	30	20	20	18	23	38	25	30	20
The County of London	30	26	27	24	17	16	14	18	19	17	21	14

The cases occurred under:— *School Influences.*

The following tables give the number of children in actual attendance at each school who were notified in each month as suffering from scarlet fever and diphtheria.

Isolation—294, or 91.3 per cent. of those suffering from the disease were removed to hospital.

Fatality—39 cases terminated fatally, giving a case mortality of 12.1 per cent., or 14.1 per cent. if the thirty-eight cases of diphtheria, the fatality being greater than in any year since 1898.

Distribution of Cases.

The subjoined table gives the number of cases notified in the several wards of the borough since 1899, per 10,000 of the population, and in the appendix will be found the streets in which the cases and deaths occurred in 1900.

TABLE XXIII.

Number of cases of diphtheria notified per 1,000 of the population.

	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	Mean of 10 years 1899-1908	1909
St. Mary's Church	28	34	20	22	9	10	20	17	7	18	17	10
St. John's Church	28	42	42	20	22	12	14	17	42	24	28	10
St. James's Church	10	32	20	17	10	11	10	10	20	20	22	20
St. George's Church	41	42	40	20	12	21	22	10	27	20	21	20
St. Andrew's Church	40	27	22	42	12	21	17	24	22	22	20	22
St. Stephen's Church	51	18	40	12	22	20	22	10	41	27	22	22
St. Paul's Church	42	17	42	20	21	21	22	20	22	22	22	21
St. Peter's Church	42	20	20	17	12	12	12	20	21	22	22	21
St. Nicholas Church	40	42	20	20	20	20	18	22	22	22	20	20
St. James's Church	20	27	21	17	12	12	12	12	12	12	21	14

TABLE XXIV.

Number of children attending the primary schools in Fulham who were notified each month as suffering from Scarlet Fever.

SCHOOL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Ackmar Road	—	1	—	1	—	1	—	—	—	3	1	—	7
All Saints'	1	—	1	—	—	—	2	—	1	—	—	1	6
Beaufort House	—	—	1	—	—	—	1	—	3	—	—	1	6
Childerley Street	—	—	—	—	—	—	—	—	—	—	—	—	—
Everington Street	—	—	—	—	1	—	3	—	4	1	2	—	11
Finlay Street	—	—	—	—	—	1	—	—	—	1	—	1	3
Fulham Palace Road	—	—	1	—	—	2	4	1	4	1	3	1	17
Halford Road	2	—	—	1	2	1	—	1	—	—	1	2	10
Harwood Road	2	—	—	—	2	—	—	2	—	1	2	2	11
Hugon Road	2	—	—	1	—	—	—	2	2	2	2	2	13
Kingwood Road	1	3	—	1	1	3	3	—	2	3	—	—	17
Langford Road	—	—	—	—	—	1	1	1	—	1	4	—	8
Lillie Road	—	—	2	—	—	1	—	—	2	—	1	—	6
Munster Road	—	—	1	2	—	5	3	—	—	1	3	8	23
New King's Road	—	2	—	—	1	1	—	—	—	—	—	1	5
North End Road	1	—	—	—	—	1	—	—	—	1	1	—	4
Peterborough	—	—	—	3	2	3	—	—	1	4	2	10	25
Queensmill	—	3	2	3	2	2	—	—	—	1	3	2	18
St. Dunstan's Road	1	1	1	—	—	—	5	1	2	2	3	—	16
St. John's	1	—	—	—	—	1	—	—	—	1	1	—	4
St. Thomas's	—	—	—	—	—	—	1	—	1	1	—	—	3
Sherbrook Road	2	—	1	1	1	4	1	—	4	—	1	5	20
Star Road	1	—	2	—	—	—	2	—	1	2	2	1	11
Townmead Road	—	1	—	—	1	1	—	—	1	—	1	1	6
William Street	1	—	—	1	2	1	1	—	—	—	—	1	7
	15	11	12	14	15	29	27	8	28	26	33	39	257

TABLE XXV.

Number of children attending the primary schools in Fulham who were notified each month as suffering from Diphtheria.

SCHOOL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
Ackmar Road	2	—	2	—	—	—	—	1	3	—	—	—	8
All Saints'	—	—	1	—	—	—	—	—	—	—	—	—	1
Beaufort House	—	—	—	—	—	1	—	—	—	—	—	2	3
Childerley Street	—	—	—	—	—	—	—	—	—	—	—	—	—
Everington Street	—	—	—	—	—	—	4	—	1	—	1	—	6
Finlay Street	—	—	—	1	—	—	—	—	1	—	1	—	3
Fulham Palace Road	—	3	1	—	—	2	3	—	1	2	1	—	13
Halford Road	—	1	1	1	1	—	—	—	1	—	—	—	5
Harwood Road	—	—	1	—	—	1	1	—	—	—	2	—	5
Holy Cross	—	—	—	—	—	—	—	—	1	—	1	—	2
Hugon Road	—	—	—	—	1	—	—	—	1	1	1	1	5
Kingwood Road	—	2	—	—	—	—	—	—	1	1	—	1	5
Langford Road	—	1	—	2	1	1	—	—	—	—	—	—	5
Lillie Road	1	—	1	—	—	—	—	—	—	2	1	—	5
Munster Road	—	3	1	—	—	—	3	—	1	2	—	—	10
New King's Road	—	—	—	2	1	—	—	—	1	—	—	—	4
North End Road	—	—	—	—	—	1	—	—	—	1	1	—	3
Peterborough	—	—	—	—	1	1	—	—	—	1	3	—	6
Queensmill	1	4	2	—	—	3	1	—	—	1	—	—	12
St. Dunstan's Road	—	—	—	1	—	—	1	—	—	—	—	—	2
St. John's	2	—	—	—	—	—	—	—	—	—	—	—	2
St. Thomas's	—	—	—	—	—	—	—	—	1	—	—	—	1
Sherbrook Road	1	1	—	—	—	2	1	—	—	—	—	—	5
Star Road	—	—	2	—	—	—	1	—	—	1	—	—	4
Townmead Road	2	—	1	—	—	1	—	—	—	—	—	—	4
William Street	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	15	13	7	5	13	15	1	13	12	12	4	119

ENTERIC FEVER.

Forty-one persons were notified as suffering from enteric fever, of whom 34, or 83 per cent., were removed to hospital.

Fatality.—There were four deaths, giving a case mortality of 9.8 per cent.

In three cases mussels, and in two, oysters had been eaten within a fortnight of the commencement of the illness. In one case the disease was due to infection by a previous case in the same house.

In three instances the disease was contracted outside the borough.

The following table shows the prevalence of enteric fever in the borough since 1899.

TABLE XXVI.

Notified Cases of Enteric Fever.

Year.	Number of Cases	Number of Cases notified per 10,000 inhabitants.	Number of Deaths per 10,000 inhabitants.
1899... ..	111	8.4	1.9
1900... ..	92	6.9	1.4
1901... ..	133	9.7	1.5
1902... ..	74	5.2	0.6
1903... ..	80	5.4	1.1
1904... ..	39	2.6	0.4
1905... ..	56	3.6	0.6
1906... ..	45	2.8	0.8
1907... ..	58	3.6	0.5
1908... ..	39	2.4	0.6
Mean of 10 years—			
1899-1908	73	5.2	0.9
1909... ..	41	2.6	0.25

Typhoid Carriers.

Researches made during the last few years have shown that a certain number of typhoid patients, more especially women, continue to harbour in the biliary passages and to excrete by the bowel numbers of virulent bacilli for months

and even for years after recovery from the disease, and several outbreaks have been traced to these carriers. It has been found that the bacilli disappear from and reappear in the fæces in a very irregular manner, so that a single negative examination of them is inconclusive, and with the view of ascertaining what proportion of patients remain infective after recovery and the length of time the infectivity continues, Dr. Theodore Thomson arranged last year, on behalf of the Local Government Board, that when a patient was discharged from a hospital of the Metropolitan Asylums Board who was excreting typhoid bacilli, the Medical Officer of Health should send samples of his stools and urine monthly, during the first six months after discharge, to the Lister Institute for examination, and should all prove negative, that a further sample of each should be sent at end of the next period of six months, and this year the scheme has been extended to include all patients discharged from the Asylums Board's hospitals after recovery from enteric fever. In 1909 one patient, a man aged 59, was reported to be still excreting typhoid bacilli from the bowel, but five monthly examinations proved negative, as did three examinations of the excreta of a girl, aged 5, who had been notified by the Medical Officer of Health for Chelsea as a "carrier" who had moved into Fulham.

Errors of Diagnosis in Notified Infectious Diseases.

Of the patients certified as suffering from scarlet fever 28, or 5.5 per cent., from diphtheria 38, or 11.8 per cent., and from enteric fever 6, or 14.6 per cent., were subsequently ascertained not to be suffering from those diseases.

Puerperal Fever.

Thirty-four cases of puerperal septicæmia, or 8.1 per 1,000 births, were notified, of which 13, or 3.1 per 1,000 births, proved fatal.

The number of cases in 1909 was much higher than in any previous year, and it will be seen on reference to Table XV. that there has been a marked increase in notified cases since 1905, the notifications in the five years 1905-1909 being twice as numerous as in either of the three previous quinquennia.

This is the more remarkable as the Midwives Act, which aims at securing the efficient training and supervision of midwives, was passed in 1902. No doubt, owing to midwives being obliged to send for medical assistance on the occurrence of a rise in the patient's temperature, some few cases are now notified which formerly would not have been, but this only accounts to a very limited extent for the increase. Arrangements were made for all midwives and nurses who had been attending septic cases to have several free baths at the Council's baths, and their clothing and instruments were sterilised at the disinfecting station.

Erysipelas.

One hundred and fifteen persons were certified to be suffering from erysipelas, and five deaths were attributed to this cause.

Cerebro-Spinal Meningitis.

Three cases were notified with one death, that of a child five months old, in Victoria Hospital. In London 110 cases of cerebro-spinal fever were notified, with fifteen deaths.

DEATHS FROM NON-NOTIFIABLE INFECTIOUS DISEASES.

Measles.

The deaths from measles in the four quarters of the year were :—

	No. of Deaths.			
1st Quarter	19
2nd „	29
3rd „	25
4th „	1
				—
				74
				==

The death-rate was 0.47 per 1,000, as compared with 0.48 in the County of London, and an average of 0.55 for the ten years 1899-1908.

The disease was most prevalent in Munster Ward, 370 of the 740 cases reported from the schools belonging to that ward. Although largely spread by schools, the fatality of measles is mainly among children under school age. Thus of the seventy-four deaths sixty were of children under school age, fourteen being under one year, thirty-five between one and two, and eleven between two and three years.

No fewer than nine children died from measles who lived in Heckfield Place, probably the worst street, socially, in the borough, and the effect, in localities of this class, of dealing with infectious diseases by notification and isolation, is shown by the fact that whereas for many years past there has been no excessive prevalence in Heckfield Place of the notifiable diseases, diphtheria and scarlet fever, the mortality among its residents from the non-notifiable diseases, measles, whooping cough, and diarrhœa, has been invariably much higher than in the rest of the borough.

The cases of measles reported from the schools are visited by the inspectors, who give printed and verbal instructions respecting the precautions to be taken to prevent the spread of the disease, but it is found as a rule that the patient has been ill for a week or more before the information reaches the Medical Officer of Health.

Whooping Cough.

Forty-eight deaths were ascribed to whooping cough, or ten below the average number of the preceding ten years. Forty-six of the deaths were of children under the age of five years.

Diarrhœa.

The deaths in the four quarters of the year ascribed to diarrhœa and zymotic enteritis were:—

		No. of Deaths.		Death-rate.
1st Quarter	....	7	....	0.18
2nd	„	8	....	0.20
3rd	„	62	....	1.56
4th	„	20	....	0.51
		97	..	0.61
		==		==

In the County of London the death-rate from diarrhoea was 0.33 per 1,000, and only four of the metropolitan boroughs had higher rates than Fulham.

DEATHS FROM TUBERCULOUS DISEASES.

Two hundred and six deaths were registered from phthisis (tuberculosis of the lungs), 104 of which occurred in Public Institutions, the decennial average corrected for the increase of population being 230; and 65 deaths were ascribed to other tuberculous diseases, such as tuberculous meningitis, tabes mesenterica and general tuberculosis.

In the several wards of the borough the death-rates from phthisis and other tuberculous diseases were as under:—

TABLE XXVIII.

Deaths per 1,000 of the population of each Ward from Phthisis and other Tuberculous Diseases.

	Death-rate from Phthisis.	Death-rate from other Tuberculous Diseases.	Death-rate from all Tuberculous Diseases.
Baron's Court Ward ..	0.98	0.23	1.21
Lillie Ward	1.74	0.34	2.08
Walham Ward	1.19	0.44	1.53
Margravine Ward ..	1.91	0.62	2.53
Munster Ward	1.15	0.37	1.52
Hurlingham Ward ..	1.20	0.22	1.42
Sands End Ward ..	1.10	0.61	1.71
Town Ward	1.00	0.23	1.23
The Borough	1.30	0.41	1.71

In the County of London the death-rate from phthisis was 1.31 per 1,000, and the rates in the several metropolitan boroughs ranged from 0.61 in Hampstead to 2.22 in Finsbury.

Notification of Phthisis.

The order of the Local Government Board, making it compulsory for all cases of pulmonary tuberculosis occurring among poor people, who are in receipt of indoor or outdoor relief, to be notified by a Poor Law Officer to the Medical Officer of Health came into force on January 1st, 1909.

Under this order the following notifications respecting poor persons who are suffering from pulmonary tuberculosis are required to be sent to the Medical Officer of Health:—

- (a) A notification by the Medical Officer of a Poor Law Institution respecting any inmate of the Institution showing symptoms of pulmonary tuberculosis, who resided immediately before his admission to the Poor Law Institution at a place in the area in which the Poor Law Institution is situate, and in the case of any inmate who resided immediately before his admission at a place elsewhere than in the area in which the Poor Law Institution is situate, the notification must be sent to the Medical Officer of Health for the area in which the said place is situate.
- (b) A notification by a District Medical Officer respecting any poor person showing symptoms of pulmonary tuberculosis upon whom he is in medical attendance according to his agreement with a Board of Guardians.
- (c) A notification by the Superintending Officer of a Poor Law Institution within forty-eight hours after the departure from the Institution of a poor person, who has been an inmate of the Institution and whose case has been notified by the Medical Officer of the Poor Law Institution, together with the intended residence of the poor person, such notification to be sent to the Medical Officer of Health for the area in which the intended residence is situate.

(d) A notification by a Relieving Officer within forty-eight hours after he has obtained information respecting a change of residence of a poor person residing in his relief district, whose case has been notified by the District Medical Officer, such notification to be sent to the Medical Officer of Health for the area in which the changed residence of the poor person is situate.

The object of this compulsory notification of Poor Law patients is to enable the Medical Officer of Health, on behalf of the Sanitary Authority, to take preventive measures against the spread of the disease, but it is expressly laid down that nothing in the regulations shall authorise the Medical Officer of Health, or the Council, to put into force, with respect to any poor person in relation to whom a notification has been given under the regulations, any enactment which renders the poor person, or a person in charge of the poor person, or any other person liable to a penalty, or subject the poor person to any restriction, prohibition or disability affecting himself or his employment, occupation, means of livelihood or residence, on the ground of his suffering from pulmonary tuberculosis.

Subject to this proviso the Board points out that it is desirable that Sanitary Authorities acting on the advice of their Medical Officers, should utilise their powers for the purpose of preventing the spread of infection from tuberculosis by:

1. The destruction or disinfection of infected articles, and the cleansing and disinfecting of premises;

2. The safe disposal, or destruction, of infectious material produced and discharged as the result of pulmonary tuberculosis, and the taking of all other necessary measures the prevention of infection from any such material;

3. The obviating, removing, or diminishing the risk of infection arising from the conditions affecting the use or occupation of any room when used or occupied by the poor person as a sleeping apartment;

4. The furnishing for the use of the poor person, on loan, or otherwise, any appliance, apparatus, or utensil which will be of assistance for the purpose of any precaution against infection ;

5. The providing and publishing or distributing in the form of placards, handbills, or pamphlets suitable summaries of information on instructions respecting pulmonary tuberculosis and the precautions to be taken in preventing the spread of that disease.

The following notifications under these regulations were received during 1909 :—

(a) Notifications respecting Inmates of Poor Law Institutions suffering from pulmonary tuberculosis.

1. In Institutions in Fulham	233
2. In Institutions outside Fulham	29
	<hr/>
	262
Renotifications	34
	<hr/>

Total number of Inmates of Poor Law Institutions notified 228

(b) Notifications of persons suffering from pulmonary tuberculosis received from District Medical Officers 174

Number of persons, notified by District Medical Officers, who were removed to Fulham Infirmary and are included among the notified inmates 133

Number of persons notified by District Medical Officers not removed to Infirmary and not included under (a) 41

(c) Notifications received respecting persons suffering from pulmonary tuberculosis leaving Poor Law Institutions

From Institutions in Fulham ... 92

From Institutions outside Fulham ... 11

103

Renotifications ... 12

Total number of persons notified as leaving Poor Law Institutions ... 91

Number of persons notified as leaving Poor Law Institutions who had been previously notified as Inmates ... 82

Number of persons notified as leaving Poor Law Institutions who had not been previously notified as Inmates ... 9

(d) Notifications by Relieving Officers of removals of persons suffering from pulmonary tuberculosis.

From outside the Borough into Fulham ... 1

Within Fulham ... —

Total number of notifications received ... 540

Total number of persons notified ... 279

One hundred and sixty-five of the persons notified were males and 114 females.

The fees paid amounted to £22 11s. 9d.

Of the patients notified in Fulham Infirmary 59, or 30 per cent., died during the year, and there were eight deaths among the cases notified by the District Medical Officers, and four among those discharged from the Infirmary, the mortality of all notified cases being 25.4 per cent.

Of the persons notified as leaving Poor Law Institutions for Fulham, four were transferred from one institution to another, the intended residence of nine was not known, and in twelve cases the address given was found to be incorrect. Of the remaining 67, four have died and ten have left Fulham.

In addition to the above, forty cases were notified from Brompton, three from Margaret Street Hospital (six of these being also notified under the Poor Law Tuberculosis regulations), and eighteen cases were voluntarily notified by private medical practitioners.

Among the hospital cases there were three and among the private cases eight deaths, making a total of eighty-two deaths out of 334 notified cases, so assuming the proportion of deaths to cases to be the same in unnotified as in notified cases, there are among the residents in Fulham 482 unnotified cases of recognisable tuberculosis of the lungs.

Notification of the Poor Law cases enables the Sanitary Authority to cleanse and disinfect, after their removal, the rooms that have been occupied by tuberculous patients, and by special instructions regarding the conditions under which tuberculosis is transmissible to lessen the risk of the patient infecting other members of his family or his fellow workers, and may also lead to the recognition of cases of incipient phthisis in the household, but it should be supplemented by other measures. The patients discharged from the Infirmary are found as a rule to have derived benefit from the treatment, but the home conditions to which they return are generally thoroughly unsatisfactory, as, when the patient is the breadwinner, the poverty which results from his diminished earning capacity, renders it impossible for him to obtain even sufficient nourishment, let alone proper housing accommodation, and he goes steadily down hill until again compelled to go into the Infirmary, nor on visiting these cases do we feel that we are being very helpful, when to a man who really wants good food, we offer on behalf of the Sanitary Authority a spitting flask and some paper handkerchiefs. Sanatorium treatment is the most promising method of combating the evil, having a powerful educational as well as, in suitable cases, some curative influence, and looking at the enormous loss entailed on the community by consumption, since, besides the loss of earnings, it is estimated that one-

tenth of the total cost of Poor Law administration is due to tuberculosis, it is hoped that, on economic as well as on humanitarian grounds, largely increased sanatorium accommodation will be provided, either by combinations of local authorities or by the State. Given, however, even this, it must be remembered that the health regained by a consumptive after a few months' treatment in a sanatorium will not permit his resuming without restraint his former occupation, and that the after care of these patients presents another extremely difficult problem.

With regard to local measures the most suitable would be the establishment in Fulham of a tuberculosis dispensary modelled on the lines of the Royal Victoria Dispensary for Consumptives in Edinburgh, founded by Dr. R. W. Philip.

Its object is the guidance, supervision, and assistance of the tuberculous poor. It co-operates with the hospitals and undertakes the visitation of out-patients at their homes so as to ensure the medical instructions being carried out, while contacts are examined by the physician and early cases detected while in the curable stage.

The dispensary also works in close co-operation with the various charitable societies so that suitable cases can receive assistance in some form or other.

The Edinburgh Dispensary has now been working for many years with very successful results, and at the beginning of 1909 a similar institution was opened in the Borough of Paddington, at which 857 patients attended during the year.

DEATHS FROM OTHER DISEASES.

Influenza.

Twenty-nine deaths were certified to be due to influenza, the numbers for the three preceding years being 33, 33, and 30.

Cancer.

Malignant diseases caused 143 deaths, the average of the preceding ten years corrected for the increase of the population being 148.

Diseases of the Respiratory System other than Phthisis.

From these diseases there were 419 deaths, 19.8 per cent. of the deaths from all causes, being 68 below the corrected decennial average.

Other classes of diseases caused the following deaths:—

Venereal Diseases	...	...	28
Diseases of the Nervous System	...	...	92
Diseases of the Circulatory System	...	...	249
Diseases of the Digestive Organs	...	...	90
Diseases of the Urinary System	...	...	91

CERTIFICATION OF THE CAUSES OF DEATH.

Of the 2,115 deaths registered, 1,954, or 92.4 per cent., were certified by registered medical practitioners, and the remainder by coroners after inquest, no death being uncertified.

DEATHS IN PUBLIC INSTITUTIONS.

Fulham Infirmary and Workhouse.

In 1909 the deaths of 436 persons, 220 males and 216 females, occurred in the Infirmary, and of 28, 19 males and 9 females, in the Workhouse. Of these 450 belonged to Fulham and 14 to other districts.

Western Fever Hospital.

In the Western Fever Hospital there were 178 deaths, of which 52 belonged to Fulham and 126 to other metropolitan boroughs.

Deaths occurring outside the Borough among persons belonging thereto.

The deaths of residents in Fulham in public institutions and elsewhere outside the Borough numbered 329, and occurred in the following institutions:—

St. George's Hospital	...	...	69
West London Hospital	...	...	37
Westminster Hospital	...	...	7

King's College Hospital	...	...	1
Middlesex Hospital	...	...	8
University College Hospital	...	...	2
St. Thomas's Hospital	...	...	3
St. Bartholomew's Hospital	...	...	4
St. Mary's Hospital	...	...	2
Charing Cross Hospital	...	...	2
Guy's Hospital	...	...	1
Great Northern Hospital	...	...	2
German Hospital	...	...	2
Italian Hospital	...	...	1
Victoria Hospital for Children	...	...	31
Belgrave Hospital for Children	...	...	3
Children's Hospital, Great Ormond Street	...	...	2
Infant's Hospital, Vincent Square	...	...	3
City of London Lying-in Hospital	...	...	1
Chelsea Hospital for Women	...	...	1
Hospital for Consumption, Brompton	...	...	6
Mount Vernon Hospital for Consumption	...	...	1
Lock Hospital	...	...	1
Cancer Hospital	...	...	10
National Hospital, Queen's Square	...	...	2
Hospital for Epilepsy and Paralysis	...	...	1
St. Luke's Home, Kensington	...	...	8
Hospital of St. John and Elizabeth, Marylebone	...	...	1
Friedenheim	...	...	1
St. Peter's Home	...	...	1
St. Joseph's Hospital	...	...	1
Banstead Asylum	...	...	18
Cane Hill Asylum	...	...	6
Caterham Asylum	...	...	2
Darenth Asylum	...	...	1
Dartford Heath Asylum	...	...	2
Hanwell Asylum	...	...	12
Horton Asylum	...	...	5

Leavesden Asylum	6
Long Grove Asylum	7
Manor Asylum	6
Peckham House Asylum	1
Tooting Bec Asylum	11
Epileptic Colony	1
Middlesex County Asylum	1
Surrey County Asylum	1
Grove Fever Hospital	1
Children's Infirmary, Carshalton ...	2
Hammersmith Infirmary	2
Kensington Infirmary	2
Marylebone Infirmary	1
Wandsworth Infirmary	1
H.M. Prison, Brixton	1
Other Places	24
	<hr/>
	329
	<hr/>

Of the 2,115 deaths registered in Fulham during 1909, 796, or 37.6 per cent., took place either in workhouses, in hospitals, or in public lunatic asylums.

The percentages in the various classes of institutions in Fulham and in the County of London were as under:—

	FULHAM	LONDON
Deaths in workhouses or workhouse infirmaries ...	21.0	21.9
Deaths in Metropolitan Asylums Board hospitals	2.6	1.5
Deaths in other hospitals	10.2	15.0
Deaths in public lunatic and imbecile asylums ...	3.8	3.6
	<hr/>	<hr/>
	37.6	42.0
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GENERAL SANITARY ADMINISTRATION.

DISINFECTION.

All infected articles were disinfected at the Council's Disinfecting Station, Townmead Road. The total cost of the station for the year was £936, including £77 for interest on loans for building and plant, and £216 for repayment of principal.

One thousand four hundred and seventy-one rooms were disinfected and cleansed, viz. :—

After Scarlet Fever	495
„ Diphtheria	305
„ Enteric Fever	39
„ Erysipelas	64
„ Puerperal Fever	31
„ Measles	304
„ Phthisis	195
„ other diseases	10
Verminous	28

PUBLIC MORTUARY.

One hundred and sixty-four bodies were removed to the Mortuary during the year, and were admitted as follows :—

At the request of the Coroner	130
Brought in by the Police	22
At the request of the Medical Officer of Health	2
„ „ „ Relieving Officer	1
For convenience till funeral	9
	<hr/>
	164
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Inquests were held on 149, and post-mortem examinations made in 80 of the above cases.

BACTERIOLOGICAL EXAMINATIONS.

The facilities afforded by the Council for the bacteriological examination of suspected material as an aid to diagnosis continue to be much appreciated by medical practitioners, and the following specimens were examined during the year by the Lister Institute :—

Material from cases of suspected Diphtheria :—

	Number of specimens.
Klebs Löffler or true Diphtheria bacillus isolated	90
Pseudo Diphtheria bacillus of Hoffmann isolated	41
Negative result	218
	<hr/>
	349

Examinations of blood from cases of suspected enteric fever :—

Widal or typhoid reaction obtained	...	...	14	
" " " not obtained	...	...	28	
			—	42

Examinations of sputa from cases of suspected tuberculosis :—

Tubercle bacillus found	...	...	...	48	
" " not found	...	...	...	260	
				—	308

Examinations of cerebro-spinal fluid :—

Meningococcus isolated	...	...	...	—
Negative	...	...	...	2	
				—	2
Other examinations	...	...	...	4	
				—	705
				—	—

ADMINISTRATION OF THE FACTORY AND WORKSHOP ACT.

The condition of the factories and workshops which have been inspected has been found fairly satisfactory. Thirty-five notices were served for want of cleanliness, three for overcrowding, and twenty-nine in respect of other nuisances.

Outworkers.

Much attention has been paid to the homes of outworkers, 382 inspections being made and twenty-five notices served.

Restaurant Kitchens.

These have been kept under supervision by Mrs. Davies, who paid 164 visits and served seventeen notices in respect of defects found.

The following tables, prepared at the request of the Secretary of State for the Home Department, give a summary of the work done in connection with the Factory Act :—

*Administration of the Factory and Workshop Act, 1901,
in connection with Factories, Workshops, Workplaces
and Homework.*

1.—INSPECTION OF FACTORIES, WORKSHOPS
AND WORKPLACES.

*Including Inspections made by Sanitary Inspectors or
Inspectors of Nuisances.*

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries.)	77	2	—
Workshops (Including Workshop Laundries.)	723	65	—
Workplaces (Other than Outworkers' premises included in Part 3 of this re- port.)	234	17	—
Total	1034	84	—

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	52	52	—	—
Want of ventilation	—	—	—	—
Overcrowding	3	3	—	—
Want of drainage of floors ..	—	—	—	—
Other nuisances	8	8	—	—
Sanitary accommodation—				
Insufficient	6	6	—	—
Unsuitable or defective ..	13	13	—	—
Not separate for sexes ..	—	—	—	—
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (s. 101) ..	—	—	—	—
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	2	2	—	—
Other offences (Excluding offences relating to outwork which are included in Part 3 of this Report)	—	—	—	—
Total	84	84	—	—

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

3.—HOME WORK.

NATURE OF WORK.	OUTWORKERS' LISTS, SECTION 107.												Inspections of Outworkers' premises	OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.		
	Lists received from Employers.						Addresses of Outworkers.		Notices served on Occupiers as to keeping or sending lists.	Prosecutions.		In-stances.		Notices served.	Prose-cutions.	In-stances.	Orders made (Sec. 110).	Prose-cutions (Secs. 109, 110)	
	Sending twice in the year.			Sending once in the year.			Received from other Councils.	For-warded to other Councils.		Failing to keep or permit 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)	(17)	(18)	(19)	
Wearing Apparel—																			
(1) making, &c. . .	26	12	74	3	—	7	316	36	8	—	—	382	25	25	—	—	—	—	
(2) cleaning & washing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lace, lace curtains and nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Artificial flowers . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Nets, other than wire nets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tents	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sacks	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Furniture and upholstery	—	—	—	1	—	2	—	—	—	—	—	—	—	—	—	—	—	—	
Fur pulling	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Feather sorting . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Umbrellas, &c. . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Carding, &c., of buttons, &c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Paper bags and boxes	2	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Basket making . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Brush making . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Racquet & tennis balls	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stuffed toys . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
File making . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Electro-plate . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cables and chains . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Anchors and grapnels	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cart gear	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Locks, latches, and keys	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pea picking . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL	28	22	74	4	—	9	316	36	8	—	—	382	25	25	—	—	—	—	

4.—REGISTERED WORKSHOPS.

Class.	Number.
Workshops on the Register (s. 131) at the end of the year—	
Laundries	62
Dressmakers, Milliners, Blousemakers, &c.	147
Tailors, Outfitters, &c.	36
Bootmakers	48
Motor and Cycle Works	23
Cabinet Makers, Picture Frame Makers, &c.	26
Bakehouses	69
Other Traders	85
Total number of workshops on Register	496

5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ...	—
Notified by H.M. Inspector ...	4
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) {	
Reports (of action taken) sent to H.M. Inspector ...	4
Other	—
Underground Bakehouses (s. 101) :—	
Certificates granted during the year	—
In use at the end of the year	50

FOOD SUPPLY.

Milk.

There are 193 milkshops on the register compared with 249 at the end of 1908, a number of unsuitable premises having been removed under the powers conferred upon the Council by the London County Council General Powers Act, 1908, and the occupiers of others have been required to carry out various alterations to protect the milk from contamination.

Cowsheds and Slaughterhouses.

The licenses of the undermentioned cowsheds and slaughterhouses were renewed by the London County Council in October, no objection being raised by the Borough Council:—

Cowsheds.

Premises.	Licencee.	No. of Cows kept.
2, Haldane Road ...	W. Pettitt ...	13
25, Vanston Place ...	R. Turvey ...	—

Slaughterhouses.

Premises.	Licencee.
611, Fulham Road ...	T. S. Payne.
105, Hammersmith Road...	H. Boughton & Co.
640, King's Road ...	E. Vaughan.
603, King's Road ...	S. Stone.

Unsound Food.

The stalls and shops where food is sold or stored have been regularly inspected.

Proceedings were taken against David Swindle for exposing for sale some unsound fish, and a penalty of £1 with £5 5s. costs was imposed.

The following articles, examined at the request of the owners, were condemned and destroyed:—

- 15 cases of fish.
- 2 bags of vegetables.
- 1 case of bananas.
- 90 boxes of tomatoes.
- Carcase of a pig.

Proceedings under the Sale of Food and Drugs Acts.

The undermentioned samples were purchased for analysis in 1909 :—

Article.	No. of Samples taken Officially.	Number Adulterated.	No. of Samples taken Unofficially	Number Adulterated.	Total Samples.	Total Adulterated.	Percentage of Adulteration.
Milk	343	30	8	2	351	32	} 8.4
Separated or Skimmed Milk ..	44	1	—	—	44	1	
Condensed Milk ..	—	—	34	—	—	—	—
Cream	—	—	3	1	3	1	33.3
Cheese	—	—	20	—	—	—	—
Butter	100	6	245	22	345	28	8.1
Margarine	2	—	—	—	2	—	—
Coffee	2	—	16	1	18	1	5.6
Coffee and Chicory ..	—	—	2	—	2	—	—
Cocoa	—	—	10	1	10	1	10.0
Tea	—	—	4	—	—	—	—
Malt Vinegar ..	20	10	—	—	20	10	50.0
Mustard	—	—	17	—	17	—	—
Pepper	—	—	24	—	24	—	—
Golden Syrup ..	6	1	—	—	6	1	16.7
Milk Sugar	—	—	10	—	10	—	—
Mace	2	2	8	2	10	4	40.0
Nutmegs	2	—	—	—	2	—	—
Sausages	6	—	—	—	6	—	—
Lard	—	—	15	1	15	1	6.7
Rice	—	—	7	—	7	—	—
Ground Rice ..	—	—	1	—	—	—	—
Flour	—	—	6	—	6	—	—
Oatmeal	—	—	1	—	1	—	—
Sulphate of Magnesia ..	—	—	10	—	10	—	—
Syrup of Squills ..	—	—	6	1	6	1	16.7
Sandalwood Oil ..	—	—	2	—	2	—	—
Paregoric	—	—	5	—	5	—	—
Compound Liquorice Powder ..	—	—	6	—	6	—	—
Tartaric Acid ..	—	—	9	—	9	—	—
Ether	—	—	—	—	1	—	—
Whiskey	—	—	1	—	1	—	—
Gin	—	—	1	—	1	—	—
Rum	—	—	1	—	1	—	—
	527	50	473	31	1,000	81	8.1

In the 10 preceding years the samples purchased for analysis were as under :—

		Number of Samples.		Samples Adulterated.		Percentage of Adulteration.
1899	...	352	...	47	...	13.1
1900	...	363	...	21	...	5.8
1901	...	366	...	24	...	6.6
1902	...	354	...	18	...	5.1
1903	...	487	...	54	...	11.1
1904	...	673	...	115	...	17.1
1905	...	613	...	141	...	22.4
1906	...	559	...	163	...	28.1
1907	...	659	...	85	...	12.9
1908	...	997	...	162	...	16.3

It will be seen that there was a marked decline in the percentage of adulteration, and it is especially satisfactory to note the improvement in the quality of milk supplied in Fulham, as in 1905, 18.3 per cent., in 1906, 27.0 per cent., in 1907, 10.7 per cent., and in 1908, 11.0 per cent. of the samples of milk analysed were below the standard laid down by the Board of Agriculture.

The vigorous action, too, of your Food Inspector has had the effect of reducing the amount of fraud practised in the butter business, only 8 per cent. of the samples purchased in 1909 being adulterated, compared with 20.4, 17.1, 27.0, and 18.3 per cent. in the four preceding years.

Prosecutions under the Sale of Food and Drugs Acts were instituted by the Council in the following cases:—

DEFENDANT.	OFFENCE.	RESULT.	PENALTY.	COSTS.
			£ s. d.	£ s. d.
Thomas E. Shaw, 3, New King's Road	Selling malt vinegar adulterated with 90 per cent. of vinegar other than malt vinegar	Convicted	0 5 0	0 12 6
Thomas Munns, 105, Moore Park Rd.	Selling malt vinegar adulterated with 88 per cent. of vinegar other than malt vinegar	Convicted	0 15 0	0 12 6
Robert Osborne, 15, Munden Street	Selling malt vinegar adulterated with 88 per cent. of vinegar other than malt vinegar	Convicted	0 10 6	0 12 6
Joseph Maidment, 246, Munster Road	Selling malt vinegar adulterated with 93 per cent. of vinegar other than malt vinegar	Convicted	0 10 0	0 12 6
Bennett & Brookes, 188, Wandsworth Bridge Road	Selling golden syrup adulterated with 75 per cent. of glucose syrup	Convicted	0 5 6	0 14 6
Alfred White, 16, Pellant Road	Selling milk adulterated with not less than 2 per cent. nor more than 6 per cent. of added water	Convicted	0 10 0	0 12 6
Mary Evans, 114, Burnthwaite Rd.	Selling malt vinegar adulterated with 97 per cent. of vinegar other than malt vinegar.	Convicted	0 10 0	0 12 6
John H. Dent, 613, Fulham Road	Selling malt vinegar adulterated with 88 per cent. of vinegar other than malt vinegar	Convicted	0 10 0	0 12 6
Charles Gulliver, 15, Filmer Road	Selling malt vinegar adulterated with 88 per cent. of vinegar other than malt vinegar.	Convicted	0 10 0	0 12 6
Max Laport, 194, North End Rd.	Selling malt vinegar adulterated with 94 per cent. of vinegar other than malt vinegar	Convicted	1 0 0	0 12 6

DEFENDANT.	OFFENCE.	RESULT.	PENALTY.	COSTS.
			£ s. d.	£ s. d.
David S. Evans, 2 & 3, Normand Rd.	Selling malt vinegar adulterated with at least 94 per cent. of vinegar other than malt vinegar	Convicted	3 0 0	0 12 6
Alex. T. Shorley, 191, Lillie Road	Selling malt vinegar adulterated with at least 87 per cent. of vinegar other than malt vinegar	Convicted	1 0 0	0 12 6
Wm. Pettit, 2, Haldane Road	Selling skimmed milk adulterated with 31 per cent. of added water	Convicted	20 0 0	0 12 6
Geo. Buckle, 49, High Street	Selling margarine for butter	Convicted	2 0 0	0 14 6
Wm. Kratz, 87, Waterford Road	Selling margarine for butter	Convicted	10 0 0	0 14 6
John Williams, 76, Greyhound Rd.	Selling margarine by retail otherwise than in a properly marked wrapper	Convicted	0 10 0	0 12 6
John Chinnock, 81, Estcourt Road	Selling milk adulterated with 6 per cent. of added water and from which 6 per cent. of fat had been abstracted	Dismissed, warranty proved	—	—
Wm. Haines, 47, Estcourt Road	Selling milk from which 8 per cent. of fat had been abstracted	Dismissed, warranty proved	—	—
Chas. H. Baines, 233, Munster Road	Selling milk adulterated with 22 per cent. of added water	Convicted	0 15 0	0 12 6
Alfred Jones, 66, Waldemar Ave.	Selling margarine for butter	Convicted	2 0 0	0 14 6
John Church, 7, Bramber Road	Selling milk from which 8 per cent. of the original fat has been abstracted	Dismissed, warranty proved	—	—
Henry Grainger, 52, Dawes Road	Selling milk from which 5 per cent. of the original fat had been abstracted	Convicted	5 0 0	0 12 6

DEFENDANT.	OFFENCE.	RESULT.	PENALTY.	COSTS.
			£ s. d.	£ s. d.
Walter J. Cundall, 102, Wandsworth Bridge Road	Selling mace adul- terated with 50 per cent. of Bombay mace	Dismissed, warranty proved	—	—
Wills & Sons, 193, New King's Rd.	Selling Bombay mace for mace	Withdrawn on payment of costs	—	4 16 6
Frank H. Tebbett, 157, Greyhound Rd.	Selling butter adul- terated with 40 per cent. of margarine	Convicted	3 0 0	0 14 6
Henry Grainger, 52, Dawes Road	Selling milk from which 9 per cent. of original fat had been ab- stracted	Convicted	2 0 0	0 12 6
Thomas Davies, 2, Everington St.	Selling milk from which 33 per cent. of the original fat had been abstracted	Dismissed, warranty proved	—	—
Ed. W. Lewis, 37, Field Road	Selling margarine for butter	Convicted	2 0 0	0 14 6
Ed. H. Evans, 135, Dawes Road	Selling margarine other- wise than in a prop- erly marked wrapper	Convicted	1 0 0	0 12 6
Rd. T. Penfold, 87, Askew Crescent, Shepherd's Bush	Selling milk from which 5 per cent. of the original fat had been abstracted	—	—	0 12 6
John Lloyd, 219, Dawes Road	Selling milk adulterated with 4 per cent. of added water	Withdrawn on payment of cost of summons	—	0 2 0
Arthur Handsley, 396, Kennington Rd., S.E.	Selling milk from which 5 per cent. of the orig- inal fat had been ab- stracted	Dismissed, warranty proved	—	—
The Great Western & Metropolitan Dairies Ltd.	Giving a false warranty in respect of milk sold to a dairyman on 7th June, 1909	Dismissed	—	—
Wm. M. Nicholas, 67, Aspenlea Road	Selling margarine for butter	Convicted	3 0 0	0 14 6
Wm. Pettit, 2, Haldane Road	Selling milk from which 11 per cent. of orig- inal fat had been ab- stracted	Dismissed	—	—
Dan Kellett, 23, Richmond Rd., W. Kensington Pk.	Selling milk from which 10 per cent. of orig- inal fat had been ab- stracted	Dismissed, warranty proved	—	—
			60 11 0	21 5 0

HOUSES INFECTED WITH VERMIN.

Notices were served in respect of 52 rooms under section 20 of the London County Council General Powers Act, 1904, which gives power to the sanitary authority to require the cleansing of any house infected with vermin.

CERTIFICATES UNDER THE REVENUE ACTS.

Applications were received for certificates in respect of 409 dwellings, of which 43 were granted; 294 were given after certain specified works had been completed, and 72 were refused.

Certificates in respect of 205 dwellings, which had been granted for a limited period, were renewed.

DRAINAGE OF BUILDINGS.

During the year the following drainage plans were submitted to and approved by the Public Health Committee:—

Plans of drainage of new houses	...	...	...	16
Plans of drainage for additions to existing buildings				32
Plans of the reconstruction of the drainage of existing buildings	..	...	...	122

Combined Drainage.

Eight systems of combined drainage for portions of which the Council was liable, owing to certain of the pipes which received the drainage of more than one building, forming "sewers" within the meaning of the Metropolis Local Management Act, were reconstructed during the year at a cost to the Council of £146 13s. 3d., the work being carried out by a contractor under a schedule of prices. The sum of £106 11s. 0d. was also paid to owners in respect of work executed by them in compliance with notices served by the Council at eleven houses in connection with house drains, which were "sewers" as defined by the Metropolis Management Act.

REMOVAL OF REFUSE.

The weekly service for the collection of house refuse has been well maintained, and but few complaints of non-removal were received.

Refuse is now removed twice a week from flats as the storage facilities in these dwellings are very limited and a week's accumulation causes considerable nuisance.

Proceedings were taken against the occupier of a stable near New King's Road for failing to comply with the Council's notice to remove the manure, and a penalty of £3 with 2s. costs was imposed.

GENERAL SANITARY WORK.

Nine hundred and one complaints were received and dealt with by the Inspectors, and 1,867 intimation and 351 statutory notices were served.

In three instances proceedings were instituted for failing to comply with the Council's notice, but the summonses were withdrawn on the payment of the costs, the works necessary to abate the nuisances having been completed before the date of hearing.

The following summary has been prepared at the request of the Medical Officer of Health of the London County Council:—

PREMISES.	NUMBER OF PLACES.				Number of Inspections, 1909.	Number of Notices, 1909.	Number of Prosecutions, 1909.
	On register at end of 1908.	Added in 1909.	Removed in 1909.	On register at end of 1909.			
Milk premises ...	249	25	81	193	715	48	—
Cowsheds ...	2	—	—	2	30	—	—
Slaughter-houses	4	—	—	4	40	1	—
Other offensive trade premises	—	—	—	—	—	—	—
Ice cream premises ...	151	7	22	136	215	8	—
Registered houses let in lodgings	114	—	—	—	—	—	—

Total number of intimation notices served for
all purposes 1,867

Overcrowding, 1909—

Number of dwelling rooms overcrowded ... 32
Number remedied 32
Number of prosecutions —

Underground rooms—

Illegal occupation dealt with during year ... —
Number of rooms closed —

Insanitary houses—

Number closed under the Public Health
(London) Act, 1891
Number closed under the Housing of the
Working Classes Act
Number of rooms cleansed under sec. 20 of
the London County Council (General
Powers) Act, 1904 52

*Shelters provided under sec. 60 (4) of the Public
Health (London) Act, 1891—*

Number of persons accommodated during
the year —

Revenue Acts—

Number of houses for which applications
were received during year 289
Number of tenements comprised therein ... 614
Number of tenements for which certificates
were—
(a) granted 43
(b) refused 72
(c) deferred 294
(d) renewed 205

*Number of prosecutions under Bye-laws under
Public Health Act, 1891* 1

*Number of prosecutions with respect to deposit
of plans as to drainage, &c., Metropolis
Management Act—Amendment (Bye-
laws) Act, 1899* —

Mortuaries—

Total number of bodies removed 164

Total number of infectious bodies removed 2

In conclusion I have to express my appreciation of the assistance given me by all the members of the inspecting and clerical staff of the department, who have carried out their duties faithfully and efficiently.

I am, Sir and Gentlemen,

Your obedient Servant,

J. CHARLES JACKSON,

Medical Officer of Health.

April, 1910.

APPENDIX.

TABLE A.

DEATHS REGISTERED FROM ALL CAUSES DURING THE YEAR 1909

(Exclusive of the Deaths of Non-Parishioners at Public Institutions within the Borough, but inclusive of the Deaths of Parishioners at Public Institutions without the Borough).

For a Summary of this Table see page 10.

DISEASES.	AGES.															
	0-1.	1-2.	2-3.	3-4.	4-5.	Total under 5.	5-10.	10-15.	15-25.	25-35.	35-45.	45-55.	55-65.	65-75.	Over 75.	Males.
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	14	35	11	7	6	73	1	—	—	—	—	—	—	—	—	45
Scarlet Fever ..	—	—	—	2	1	3	6	—	1	—	—	—	—	—	—	5
Typhus Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5
Epidemic Influenza ..	—	2	—	—	—	2	—	—	2	—	5	3	10	2	5	14
Whooping Cough ..	21	13	5	4	3	46	2	—	—	—	—	—	—	—	—	26
Diphtheria	3	6	12	7	2	30	9	—	—	—	—	—	—	—	—	24
Enteric Fever ..	—	—	—	—	—	—	—	—	1	2	1	—	—	—	—	4
Asiatic Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhœa, Dysentery ..	82	8	2	2	—	94	—	—	—	—	—	—	—	—	3	57
Rubella	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Varicella	1	—	—	1	—	2	—	—	—	—	—	—	—	—	—	2
Other allied Diseases ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epidemic Cerebro-spinal Meningitis	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Hydrophobia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Glanders	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tetanus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cowpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis	23	2	—	—	—	25	—	—	—	—	3	—	—	—	—	12
																16
																28

AGES.

DISEASES.	0-1.	1-2.	2-3.	3-4.	4-5.	Total under 5.	5-10.	10-15.	15-25.	25-35.	35-45.	45-55.	55-65.	65-75.	Over 75.	Males.	Females.	Total all ages.
Gonorrhœa. Strictured Urethra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phagedæna	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	1	—	—	—	1	—	—	—	—	—	—	2	1	1	2	3	5
Puerperal Fever	—	—	—	—	—	—	—	—	1	7	4	1	—	—	—	—	13	13
Pyæmia	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	1	1	2
Infective Endocarditis	1	—	—	—	—	1	—	—	3	1	1	—	1	—	—	6	1	7
Cellulitis	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	1	1	2
Other allied Diseases	2	—	—	—	—	2	—	—	2	2	—	—	—	—	—	1	5	6
Malarial Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rheumatic Fever	—	—	—	—	—	—	—	1	2	1	—	1	—	1	—	3	3	6
Rheumatism of Heart	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	1	1	2
Tuberculosis of Brain	4	7	4	2	3	20	1	2	2	1	2	—	—	1	—	14	15	29
Tuberculosis of Larynx	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phthisis	1	1	2	2	—	6	1	9	31	45	40	32	28	11	3	107	99	206
Abdominal Tuberculosis	2	1	—	1	1	5	—	—	—	—	2	1	—	—	—	5	3	8
General Tuberculosis	9	1	4	—	1	15	5	—	2	—	1	1	—	1	—	15	10	25
Other forms of Tuberculosis	—	—	—	—	1	1	—	—	—	—	—	1	1	—	—	2	1	3
Thrush	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Actinomycosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hydatid Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scurvy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases due to Altered Food	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	2	—	2
Acute Alcoholism	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	1
Chronic Alcoholism	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	1
Chronic Industrial Poisonings	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Chronic Poisonings	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Osteo-Arthritis	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	2	1	3
Gout	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	1
Cancer	—	—	—	1	—	1	—	—	1	2	17	37	41	32	12	60	83	143
Diabetes Mellitus	—	—	—	—	—	—	—	—	—	4	1	—	3	4	3	4	11	15

DISEASES.	AGES.														Over 75.	Males.	Females.	Total all ages.
	0-1.	1-2.	2-3.	3-4.	4-5.	Total under 5.	5-10.	10-15.	15-25.	25-35.	35-45.	45-55.	55-65.	65-75.				
Purpura Hæmorrhagica ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hæmophilia ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anæmia, Leucocythemia ..	—	—	—	—	—	—	1	—	1	—	1	1	2	—	—	—	—	—
Premature Birth ..	76	—	—	—	—	76	—	—	—	—	—	—	—	—	—	—	6	6
Injury at Birth ..	8	—	—	—	—	8	—	—	—	—	—	—	—	—	44	32	76	8
Atelectasis ..	17	—	—	—	—	17	—	—	—	—	—	—	—	—	3	5	8	—
Congenital Defects ..	13	—	—	—	—	13	—	—	—	—	—	—	—	—	12	5	17	—
Want of Breast Milk ..	5	—	—	—	—	5	—	—	—	—	—	—	—	—	10	3	13	—
Atrophy, Debility, Marasmus ..	44	1	—	1	—	46	—	—	—	—	—	—	—	—	4	1	5	—
Dentition ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27	19	46	—
Rickets ..	5	3	3	—	—	11	—	—	—	—	—	—	—	—	9	2	11	—
Old Age, Senile Decay ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	47	73	—
Convulsions ..	10	—	—	—	—	10	—	—	—	—	—	—	3	20	7	3	10	—
Meningitis ..	3	1	1	1	—	6	3	1	—	—	—	—	—	—	6	4	10	—
Encephalitis ..	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1	—
Softening of Brain ..	—	—	—	—	—	—	—	—	—	—	—	1	2	—	1	5	6	—
General Paralysis of Insane ..	—	—	—	—	—	—	—	—	—	3	11	7	2	—	3	18	23	—
Other forms of Insanity ..	—	—	—	—	—	—	—	—	—	—	1	1	1	6	4	5	9	—
Chorea ..	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	4	1	—
Epilepsy ..	—	—	1	—	—	1	—	—	—	—	2	—	—	—	—	3	1	—
Cerebral Tumour ..	—	—	—	—	—	—	1	—	—	—	—	3	—	1	—	3	1	—
Laryngismus Stridulus ..	2	—	—	—	—	2	—	—	—	—	—	—	—	—	—	3	1	—
Locomotor Ataxy ..	—	—	—	—	—	—	—	—	—	3	—	1	2	—	—	1	1	—
Paraplegia, Diseases of Spinal Cord ..	—	1	—	—	—	1	—	—	2	1	1	—	2	—	4	2	6	—
Peripheral Neuritis ..	—	—	—	—	—	—	—	—	2	—	1	—	2	2	9	4	13	—
Other Diseases of Nervous System ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Otitis, Mastoid Disease ..	1	—	—	—	1	2	—	—	1	—	—	1	—	—	1	1	2	—
Disease of Nose, Epistaxis ..	—	—	—	—	—	—	—	2	1	—	2	—	1	—	5	3	8	—
Disease of Eye ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pericarditis ..	—	1	—	—	—	1	1	—	—	—	—	—	—	—	1	1	2	—

DISEASES.	AGES.															
	0-1.	1-2.	2-3.	3-4.	4-5.	Total under 5.	5-10.	10-15.	15-25.	25-35.	35-45.	45-55.	55-65.	65-75.	Over 75.	Males.
Endocarditis, Valvular Dis- ease of Heart	1	1	—	—	—	2	1	4	6	5	11	11	8	16	8	30
Angina Pectoris	—	—	—	—	—	—	—	—	—	—	—	2	—	1	2	3
Hypertrophy of Heart ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Dilatation of Heart ..	—	—	—	—	—	—	—	—	—	—	—	1	1	3	1	3
Fatty Degeneration of Heart	—	—	—	—	—	—	—	—	—	—	1	4	2	—	—	2
Syncope, Heart Disease (not specified)	—	—	—	—	—	—	1	—	—	3	3	10	12	18	7	21
Cerebral Hæmorrhage, Em- bolism, Thrombosis ..	—	—	—	—	—	—	—	—	—	3	2	11	14	21	15	29
Apoplexy, Hemiplegia ..	—	—	—	—	—	—	—	—	—	1	—	1	4	2	5	6
Embolism, Thrombosis (not cerebral)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aneurism	—	—	—	—	—	—	—	—	—	—	—	4	3	—	—	7
Senile Gangrene	—	—	—	—	—	—	—	—	—	—	—	—	—	2	3	2
Phlebitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Varicose Veins	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Other Diseases of Heart and Blood Vessels	—	—	—	—	—	—	—	—	—	—	1	1	3	5	4	11
Laryngitis	1	—	3	—	—	4	—	—	—	—	—	—	—	—	—	2
Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of Larynx and Trachea	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1
Acute Bronchitis	23	6	2	—	—	31	—	—	1	—	2	9	4	11	12	26
Chronic Bronchitis	1	—	—	—	—	1	—	—	—	1	5	7	18	37	36	45
Lobar Pneumonia	2	2	—	—	—	4	1	—	1	6	11	4	8	7	4	22
Lobular Pneumonia	38	31	8	3	2	82	1	1	1	2	3	6	6	—	3	55
Pneumonia	13	5	4	2	—	24	2	1	1	4	4	7	8	10	12	41
Emphysema, Asthma	—	—	—	—	—	—	—	—	—	—	—	1	2	1	—	3
Pleurisy	—	—	2	—	—	2	—	1	—	—	1	2	2	—	1	5
Other Diseases, Respiratory System	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	2

[illegible]

AGES.

DISEASES.	0-1.	1-2.	2-3.	3-4.	4-5.	Total under 5.	5-10.	10-15.	15-25.	25-35.	35-45.	45-55.	55-65.	65-75.	Over 75.	Males.	Females.	Total all ages.
Puerperal Convulsions ..	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	2	2
Placenta Prævia, Flooding ..	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	2
Puerperal Thrombosis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases, Pregnancy and Childbirth ..	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	1
Arthritis, Ostitis, Periostitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases, Osseous System ..	1	—	—	—	—	1	—	—	—	—	—	—	1	—	1	—	3	3
Ulcer, Bedsore ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Eczema ..	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Pemphigus ..	2	—	—	—	—	2	—	—	—	—	—	—	—	—	—	1	1	2
Other Diseases, Integumen- tary System ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ACCIDENTS AND NEGLI- GENCE.																		
In Mines and Quarries ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
In Vehicular Traffic ..	—	—	—	—	—	—	—	—	1	1	1	1	2	—	—	6	—	6
On Railways ..	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	1
On Ships, Boats, &c., not Drowning ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
In Building Operations ..	—	—	—	—	—	—	—	—	—	1	2	—	—	—	—	3	—	3
By Machinery ..	—	—	—	—	—	—	—	—	—	1	1	—	1	—	—	3	—	3
By Weapons & Implements ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Burns and Scalds ..	1	1	—	4	2	8	—	—	1	—	—	2	—	1	—	3	9	12
Poisons, Poisonous Vapours ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Surgical Narcosis ..	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1
Effects of Electric Shock ..	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	1
Corrosions by Chemicals ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drowning ..	—	—	—	—	—	—	—	—	—	—	—	1	2	1	—	3	1	4
Suffocation, overlaid in bed ..	11	—	—	—	—	11	—	—	—	—	—	—	—	—	—	4	7	11
„ otherwise ..	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	1
Falls not specified ..	—	—	—	—	—	—	—	—	1	1	2	—	1	4	4	6	7	13
Weather Agencies ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

DISEASES.	AGES.													Males.	Females.	Total all ages.
	0-1.	1-2.	2-3.	3-4.	4-5.	Total under 5.	5-10.	10-15.	15-25.	25-35.	35-45.	45-55.	55-65.	65-75.	Over 75.	
Otherwise, not stated	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Homicide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SUICIDE.																
By Poison	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	4
By Asphyxia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
By Hanging and Strangulation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
By Drowning	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	3
By Shooting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
By Cut or Stab	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
By Precipitation from Elevated Places	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
By Crushing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
By other and unspecified methods	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Execution	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sudden Death, Cause not ascertained	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Ill-defined and unspecified causes	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Total Deaths	466	130	65	42	23	726	39	28	79	120	182	215	249	250	227	2115

TABLE B.

Showing the localities in which the cases of Notifiable Infectious Diseases and Deaths from Measles, Diarrhoea and Phthisis occurred during the year.

(The figures in brackets denote the number of houses in which the cases occurred. The asterisks denote the fatal cases of Notifiable Diseases.)

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Ackfold Road	..	..	..	*1	..	..	..	..
Ackmar Road	..	..	..	..	1	..	..	..
Adeney Road	..	1	..	..	..	..	3 (3)	4 (4)
Aintree Street	.. 1	1	..	*1	..	..	2 (2)	..
Alderville Road	..	..	..	..	..	..	..	..
Allestree Road	.. 2 (1)	2 (2)	..	..	1	2 (1)	..	1
Althea Street	..	..	..	..	..	..	..	..
Ancill Street	.. 5 (4)	..	..	1	..	1	2 (2)	1
Anselm Road	.. 3 (3)	2 (2)	..	..	1	..	..	2 (2)
Archel Road	.. 6 (4)	..	..	*1	..	1	2 (2)	2 (2)
Argon Mews	..	..	..	..	..	..	..	..
Armada Road	.. 1	2 (2)	..	..	..	..	..	1
Ashcombe Street	.. 1	..	..	..	..	1	..	..
Ashington Road	..	..	1	..	..	..	..	1
Ashton Terrace	..	..	..	..	..	..	..	..
Aspenlea Road	.. 2 (1)	..	..	..	..	..	..	1
Atalanta Street	.. 1	1	..	..	..	..	..	..
Auriol Road	..	1	..	..	..	..	..	..
Avalon Road	.. 2 (2)	*2 (2)	..	..	..	1	1	..
Averil Street	.. 5 (4)	..	..	..	..	..	1	..
Avonmore Road	.. 2 (2)	..	..	..	..	..	1	..
Bagley's Lane	..	2 (2)	..	..	1	..	..	..
Barclay Road	..	..	..	..	..	..	..	1
Baron's Court Road	1	..	..	..	..	..	..	..
Barton Street	..	..	..	..	..	..	..	..
Basuto Road	.. 1	..	..	..	1	..	..	1
Bayonne Road	.. 2 (2)	..	*1	1	2 (2)	1	3 (3)	1
Beaufort Mews	..	..	..	..	..	..	..	..
Beaumont Crescent	1	..	..	..	..	..	..	..

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Chancellor's Road ..	..	..	..	..	..	..	..	1
Charleville Road ..	..	..	..	..	..	..	..	1
Chelmsford Street ..	..	2 (2)	..	..	..	..	..	2 (2)
Chesilton Road ..	1	..	..	..	..	1	..	..
Chesson Road ..	4 (4)	*4 (4)*	..	..	3 (3)	2 (2)	1	3 (3)
Chiddingstone Street ..	2 (2)	1	..	..	1	..	..	..
Chipstead Street ..	..	..	..	..	..	..	..	..
Church Path ..	..	*1	..	..	1	..	1	..
Clancarty Road ..	1	..	..	..	..	..	..	1
Claxton Grove ..	7 (5)	*2 (2)	..	..	..	..	..	1
Claybrook Road ..	*6 (4)	4 (4)	..	..	2 (2)	..	..	3 (3)
Cloncurry Street ..	..	1	..	..	..	..	..	..
Clonmel Road ..	..	2 (1)	..	..	..	..	..	1
Colehill Lane ..	1	1	..	..	..	1	..	..
Comeragh Road ..	3 (3)	..	..	..	..	..	..	..
Conan Street ..	..	..	..	..	..	..	..	..
Coniger Road ..	1	..	1	..	..	..	..	..
Coomer Road ..	1	..	1	..	..	1	..	..
Cornwall Street ..	1	..	..	..	1	..	..	..
Cortayne Road ..	..	..	..	..	..	..	..	..
Crabtree Lane ..	4 (3)	*3 (1)	1	..	..	..	..	..
Cranberry Road ..	10 (4)	2 (2)	..	..	..	..	..	1
Crefeld Road ..	3 (3)	1	1	1	1	..	..	1
Cresford Road ..	..	..	..	..	..	..	..	..
Cresswell Street ..	1	1	..	..	..	..	..	..
Crookham Road ..	..	1	..	..	..	..	..	..
Cristowe Road ..	..	1	..	..	..	..	..	..
Cronlace Road ..	..	..	..	..	..	..	..	..
Crown Mews ..	..	..	..	..	..	..	..	1
Cumberland Crescent ..	..	1	..	..	..	..	..	1
Dalebury Road ..	..	..	..	..	..	..	..	1
Dancer Road ..	..	..	..	..	..	..	..	..
Danehurst Street ..	3 (3)	1	..	..	..	..	..	..
Darlan Road ..	..	*2 (1)	..	..	..	..	..	..
Dawes Road ..	3 (2)	2 (2)	..	*2 (2)	2 (2)	..	1	2 (2)
Dawson Street ..	..	..	..	..	..	..	3 (3)	..
Delaforde Street ..	6 (3)	..	..	..	1	1	..	1
Delorme Street ..	3 (3)	..	..	*1	1	..	..	..
Delvino Road ..	1	1	..	..	..	..	..	1
De Morgan Road ..	2 (1)	1	..	..	..	..	..	1
Devonshire Street ..	..	..	..	..	..	1	..	1
Dieppe Street ..	..	..	..	..	..	..	..	3 (3)
Dimsdale Road ..	3 (2)	2 (2)	..	..	..	..	..	2 (2)

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Disbrowe Road ..	1	..	..	..	..	..	1	..
Distillery Lane ..	1	..	..	..	..	..	1	1
Dolby Road ..	..	..	..	..	..	..	1	..
Doneraile Street ..	2 (2)	..	..	..	..	..	..	1
Doria Road ..	..	..	..	..	1	..	..	1
Dorncliffe Road ..	..	6 (1)	..	..	..	..	..	..
Dowell Mews ..	..	..	..	..	..	..	..	..
Durrell Road ..	..	..	..	..	..	..	..	..
Dymock Street ..	..	3 (3)	..	..	..	..	..	2 (2)
Eddiscombe Road ..	1	..	..	..	..	..	..	..
Edenvale Street ..	..	1	..	..	..	..	..	..
Edgarley Terrace ..	..	..	..	..	..	..	1	..
Edith Road ..	..	..	..	*1	1	..	..	..
Edith Row ..	..	..	..	..	..	..	..	..
Edith Villas ..	..	..	..	..	..	..	..	..
Eelbrook Terrace ..	..	..	..	..	..	..	..	..
Effie Road ..	..	..	1	..	..	..	..	..
Elbe Street ..	3 (3)	2 (2)	..	..	..	..	..	..
Eli Mews ..	..	..	..	..	..	..	..	..
Eli Street ..	..	..	..	..	..	..	..	2 (2)
Ellerby Street ..	3 (2)	1	..	..	..	..	..	..
Elmdale Street ..	1	2 (2)	..	..	..	..	..	..
Elmstone Road ..	..	..	..	..	..	..	..	..
Elthiron Road ..	..	..	..	..	..	..	..	..
Epirus Mews ..	..	..	..	..	..	..	..	..
Epirus Road ..	..	..	..	1	..	..	..	1
Epple Road ..	..	2 (2)	..	..	..	..	..	..
Estcourt Road ..	2 (2)	*1	..	..	2 (2)	1	..	1
Eustace Road ..	..	1	..	..	..	..	..	..
Everington Street ..	1	..	..	..	..	..	1	1
Ewald Road ..	..	..	..	1	..	..	1	..
Fabian Road ..	3 (3)	1	..	..	..	..	1	..
Fairholme Road ..	..	1	1	..	..	..	..	..
Fane Street ..	..	..	..	..	..	..	..	..
Farm Lane ..	2 (2)	2 (2)	1	..	..	..	..	2 (2)
Favart Road ..	3 (1)	1	..	..	..	..	..	..
Felden Street ..	..	3 (2)	..	..	..	..	..	..
Fernhurst Road ..	..	1	..	..	..	..	..	..
Field Road ..	..	*1	..	..	1	..	3 (3)	2 (2)
Filmer Road ..	1	1	..	..	1	..	..	1
Finlay Street ..	..	4 (1)	..	..	..	..	..	..
Firth Gardens ..	1	..	..	..	..	..	..	..

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Fitzgeorge Avenue	..	..	..	..	..	..	..	..
Foskett Road	..	1	..	..	..	..	..	1
Francis Street	..	1	..	..	..	..	..	..
Friston Street	2 (2)	1	..	..	..	..	..	..
Fulham Palace Road	7 (7)	*6 (5)*	..	..	..	..	..	2 (2)
Fulham Pk. Gardens	..	..	..	..	..	..	1	..
Fulham Park Road	..	..	..	..	..	..	..	..
Fulham Road	7 (6)	6 (6)*	1	..	1	..	..	1
Furness Road	..	4 (2)	..	..	..	..	..	..
Garvan Road	2 (1)	3 (2)	..	..	..	2 (2)	4 (4)	1
Gastein Road	3 (3)	..	..	..	..	..	..	1
George Square	..	..	2 (1)	..	..	..	..	..
Gilstead Road	..	..	1	..	1	..	..	..
Gironde Road	2 (2)	..	..	..	..	..	..	..
Glazbury Road	..	..	..	..	..	..	..	..
Gledstanes Road	1	..	..	..	..	..	..	..
Glenrosa Street	1	1	..	..	..	..	..	..
Gliddon Road	1	..	..	..	..	..	..	..
Goodson Road	..	..	..	..	..	2 (2)	..	..
Gowan Avenue	3 (2)	1	..	*1	..	..	..	..
Greyhound Road	3 (2)	6 (5)*	..	..	1	1	2 (2)	5 (5)
Grimston Road	..	..	..	..	..	..	..	..
Grove Terrace	..	..	..	..	..	..	..	..
Guion Road	1	1	..	..	..	..	..	1
Guivere Cottages	..	..	..	..	..	..	..	1
Gunterstone Road	..	..	..	..	..	..	..	..
Gwendyr Road	..	1	..	..	..	..	..	..
Haldane Road	1	..	..	..	..	..	..	3 (3)
Halford Road	9 (4)	2 (2)*	..	..	1	2 (2)	2 (2)	3 (3)
Hamble Street	7 (4)*	1	..	..	..	..	1	..
Hammersmith Road	*6 (1)*	1	..	..	1	..	..	..
Hannell Road	..	3 (3)	..	..	2 (2)	..	..	..
Harbledown Road	..	..	..	..	..	..	..	..
Harbord Street	2 (2)	1	..	..	..	..	1	1
Hartismere Road	..	1	..	*1	..	1	..	1
Hartopp Avenue	2 (2)	..	..	..	..	..	1	1
Harwood Road	4 (3)	3 (2)	1	..	..	1	..	4 (4)
Harwood Terrace	1	..	..	..	..	..	..	..
Hatfield Street	1	..	..	..	..	..	2 (2)	..
Hawksmoor Street	..	..	..	..	..	..	..	..
Hazlebury Road	4 (3)	*1	..	..	1	1	..	1
Heckfield Place	1	7 (4)	..	..	4 (3)	9 (9)	4 (4)	3 (3)

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Hestercombe Avenue	..	1	..	..	..	..	..	..
High Street ..	..	..	..	..	..	..	..	..
Hilmer Street ..	2 (1)	1	..	..	..	..	1	1
Hildyard Road ..	..	..	..	..	..	..	..	1
Holyport Road ..	4 (2)	*4 (2)	1	..	..	1	1	1
Homestead Road ..	1	..	..	..	..	..	..	1
Horder Road ..	..	..	..	..	..	..	2 (2)	1
Hugon Road ..	3 (2)	1	..	..	..	..	2 (2)	..
Humbolt Road ..	..	1	..	..	4 (4)	..	2 (2)	1
Hurlingham Road ..	1	..	..	..	1	..	..	..
Imperial Cottages ..	..	..	..	..	..	..	..	..
Inglethorpe Street ..	..	1	..	..	..	..	..	2 (1)
Irene Road ..	..	..	..	..	..	..	..	1
Ismailia Road ..	3 (3)	..	..	..	1	..	..	1
Jerdan Place ..	..	..	..	..	..	..	..	..
Jervis Road ..	..	..	..	..	1	..	..	..
John Street ..	1	..	..	..	..	1	1	..
Kelvedon Road ..	..	1	..	..	..	..	..	..
Kempson Road ..	..	..	..	..	..	..	..	..
Kenneth Road ..	..	..	..	..	..	..	1	1
Kensington Hall Gardens ..	..	..	..	..	..	..	..	..
Kenyon Street ..	2 (1)	1	..	1	..	1	..	..
Kilmaine Road ..	..	..	..	..	..	..	..	2 (2)
Kimbell Gardens ..	4 (3)	..	..	..	..	..	..	..
King's Road ..	5 (2)	1	..	..	4 (4)	..	1	..
Kingwood Road ..	5 (5)	1	..	..	..	1	1	..
Kinnoul Road ..	..	2 (1)	1	..	..	..	..	..
Kilkie Street ..	2 (2)	3 (2)	..	..	..	..	1	1
Knivet Road ..	..	..	..	..	1	..	..	3 (3)
Lalor Street ..	..	..	..	..	..	..	..	..
Lambrook Terrace ..	..	2 (2)*	..	..	..	..	..	..
Landridge Road ..	..	..	..	..	..	..	..	..
Lanfrey Place ..	..	..	..	..	1	1	..	..
Langford Road ..	..	4 (3)*	..	..	..	3 (3)	..	3 (3)
Langthorn Street ..	2 (2)	..	..	..	..	..	..	..
Laundry Road ..	2 (2)	1	1	1	..	..	2 (2)	..
Lawn Terrace ..	..	..	..	..	..	..	..	..
Letterstone Road ..	1	..	..	..	..	..	..	..
Lillie Road ..	6 (3)	*6 (6)	1	..	2 (2)	..	2 (2)	1

		Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Lilyville Road ..	1	..	..	..	..	..	..	..	1
Lindrop Street ..	..	..	..	..	..	..	..	..	1
Lintaine Grove ..	1	*5 (4)	..	..	..	..	..	1	1
Linver Road ..	..	..	..	..	..	..	..	..	..
Lisgar Terrace ..	..	..	1	..	..	..	..	..	..
Lodge Avenue ..	..	..	1	2 (2)	..	..	..	..	2 (2)
Lochaline Street ..	2 (2)	*3 (2)	..	..	..	..	..	..	..
Lurgan Avenue ..	..	2 (2)	1	..	..	..	..	2 (2)	1
Lysia Street.. ..	3 (3)	5 (4)	..	..	..	..	..	..	..
Mablethorpe Road ..	6 (4)	1	..	..	..	..	1	1	..
Macmurdo Road ..	..	..	..	..	..	..	..	..	..
Margravine Road ..	..	2 (2)	..	..	..	..	..	1	1
Margravine Gardens ..	..	..	..	..	..	..	..	..	..
Marinefield Road ..	1	..	..	..	..	..	..	..	..
Marville Road ..	..	..	..	..	..	..	..	2 (2)	1
Matheson Road ..	..	..	..	..	..	..	..	..	..
Maxwell Road ..	..	..	..	..	..	..	..	..	..
May Street ..	7 (4)	1	..	..	..	1	1	..	1
Melmoth Place ..	..	..	..	..	..	..	..	..	..
Melton Street ..	..	..	..	..	..	..	..	1	..
Mendora Road ..	1	1	..	..	..	1	..	1	1
Merrington Road ..	..	..	..	..	..	..	..	..	..
Mimosa Street ..	1	..	..	..	..	..	..	..	1
Mirabel Road ..	2 (2)	1	1	..	..	1	..	..	2 (2)
Molesford Road ..	..	..	..	..	..	..	..	..	..
Mooltan Street ..	2 (2)	..	..	..	..	..	..	..	2 (2)
Moore Park Road ..	..	1	..	..	..	..	..	1	1
Mornington Avenue ..	..	1	..	..	..	..	..	..	..
Moylan Road ..	..	1	..	..	..	..	..	..	1
Mulgrave Road ..	1	* ..	1	..	..	3 (3)	..	2 (2)	1
Mund Street ..	..	..	..	..	..	..	..	..	..
Munden Place ..	..	..	..	..	..	..	..	..	..
Munden Street ..	..	..	..	..	..	..	1	1	1
Munster Road ..	8 (8)	7 (7)	1	1	..	2 (2)	1	..	2 (2)
Musard Road ..	..	..	..	..	..	..	..	..	1
Musgrave Crescent ..	1	..	..	..	..	..	..	..	..
Micklethwaite Road ..	1	..	..	..	..	..	..	..	..
Napier Avenue ..	..	..	..	..	..	..	..	..	..
Narborough Street ..	3 (2)	..	..	..	..	..	..	..	..
New King's Road ..	2 (2)	3 (2)	..	..	..	2 (2)	..	..	2 (2)
Niton Street ..	4 (3)	3 (3)	..	..	..	..	..	..	..
Normand Gardens ..	1	..	..	..	..	..	..	..	..

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Typhoid.
Normand Road ..	..	..	..	..	..	..	..	..
Northampton Place ..	..	..	..	..	..	..	..	..
North End Road ..	12 (8)	*1	1	..	..	..	..	..
Norfolk Terrace ..	..	..	..	..	..	..	..	..
Novello Street ..	..	3 (3)	*2 (1)	1	1	..	1	..
Oakbury Road ..	6 (3)	..	..	..	..	..	..	..
Orbain Road ..	2 (2)	1	..	..	1	1	2 (2)	1
Orchard Place ..	..	..	..	..	..	..	..	..
Orchard Street ..	..	..	..	..	..	..	..	..
Oxberry Avenue ..	1	..	..	..	1	..	1	1
Ongar Road ..	2 (2)	..	..	..	..	..	2 (2)	..
Palliser Road ..	..	..	..	..	..	..	..	..
Parfrey Street ..	2 (1)	..	..	*1	..	..	1	3 (3)
Parkville Road ..	2 (2)	..	..	..	..	..	..	2 (2)
Parson's Green ..	..	4 (1)	2 (2)	..	1	..	..	..
Parson's Green Lane ..	..	3 (1)*	..	..	1	..	..	2 (2)
Parthenia Road ..	..	1	..	..	..	..	..	..
Pellant Road ..	..	..	..	..	..	..	..	..
Perrymead Street ..	..	..	..	..	..	..	..	..
Perham Road ..	..	..	1	..	1	..	..	..
Peterborough Road ..	..	..	..	*1	..	..	..	..
Peterborough Villas ..	..	..	..	..	..	..	..	..
Petley Road ..	3 (2)	1	..	..	..	..	..	1
Playfair Street ..	3 (3)	6 (3)*	..	..	1	1	..	..
Portland Place ..	..	..	..	..	..	..	..	..
Portland Street ..	1	..	..	..	1	..	..	1
Pownall Road ..	2 (2)	..	..	..	1	..	..	..
Prince of Wales Mews ..	..	..	..	..	..	..	..	..
Protheroe Road ..	1	1	..	..	..	..	1	..
Purcell Crescent ..	1	..	..	..	..	..	..	..
Purser's Cross Road ..	1	..	..	..	1	..	..	1
Quarrendon Road ..	2 (2)	..	*1	..	..	..	..	1
Queen's Club Gdns. ..	..	..	1	..	..	..	..	..
Querrin Street ..	2 (1)	3 (2)*	..	..	..	..	..	1
Queensmill Road ..	2 (2)	1	..	..	..	..	..	..
Radipole Road ..	..	1	..	..	1	..	..	..
Racton Road ..	3 (3)	2 (2)	..	..	..	2 (2)	..	1
Rainville Road ..	*3 (2)	*3 (2)	..	..	1	2 (1)	2 (2)	1
Ranelagh Avenue ..	1	..	..	..	..	..	..	..
Ranelagh Gardens ..	..	..	..	..	..	..	..	..

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Strode Road ..	3 (3)	..	..	..	1	..	..	..
Studdridge Road ..	..	..	1	*1	..	..	1	1
Suffolk Street ..	..	..	..	..	..	1	..	..
Swift Street ..	..	..	..	..	..	..	..	..
Sylvio Street ..	1	..	..	..	..	..	..	..
Sedbury Street ..	1	..	..	..	..	..	..	..
Talgarth Road ..	*7 (4)	..	..	..	..	..	..	..
Tamworth Street ..	..	1	..	..	..	..	1	1
Tasso Road ..	3 (3)	..	*1	1	..	..	..	1
Tilton Street ..	..	..	..	..	..	..	1	..
Tournay Road ..	..	..	..	..	1	..	1	1
Townmead Road ..	3 (2)	2 (2)*	..	1	1	..	..	..
Trevanion Road ..	..	..	..	..	..	..	..	..
Turneville Road ..	2 (2)	1	..	..	..	..	..	..
Tynemouth Street ..	1	..	..	1	..	..	2 (2)	1
Tyrawley Road ..	..	..	..	..	..	..	..	..
Vanstone Place ..	..	3 (2)	..	..	..	..	..	..
Varna Road ..	1	*1	..	..	..	..	..	..
Vera Road ..	1	2 (2)	..	2 (2)	..	..	..	..
Vereker Road ..	2 (1)	..	..	..	..	..	..	..
Vernon Street ..	1	..	..	..	..	..	..	..
Victoria Road ..	2 (1)	..	..	..	1	..	..	2 (2)
Waldemar Avenue ..	1	..	..	..	1	..	..	..
Walham Avenue ..	..	*1	..	..	2 (2)	..	2 (2)	1
Walham Grove ..	1	1	1	..	..	..	..	..
Wandon Road ..	..	..	..	..	..	..	..	..
Wandsworth Bridge Road ..	7 (6)	*3 (2)	1	..	..	..	..	..
Wardo Avenue ..	5 (3)	..	2 (2)	..	..	..	..	1
Waterford Road ..	..	1	..	..	4 (2)	..	1	..
Werley Avenue ..	1	..	..	..	..	1	..	1
Westbury Terrace ..	..	..	..	..	..	..	..	..
Wheatsheaf Terrace ..	..	*2 (1)	..	..	..	..	..	..
Whittingstall Road ..	2 (2)	1	..	..	..	..	..	..
Wigan Street ..	..	..	..	..	..	..	..	..
William Street ..	..	..	..	..	..	..	..	..
Wyfold Road ..	..	..	..	..	..	..	..	..
Winchendon Road ..	..	..	..	..	..	..	..	..
Woodlawn Road ..	2 (2)	1	..	..	..	1	..	..
West Kensington Mansions ..	..	1	..	..	..	..	..	..

	Scarlet Fever.	Diphtheria and Membranous Croup.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Deaths from Measles.	Deaths from Diarrhoea and Enteritis.	Deaths from Phthisis.
Whiteley's Cottages
Woolneigh Street
Yeldham Road	2 (2)	..	..	..
Fulham Union Infirmary.	2	3	..	1	6	..	..	..
Fulham Workhouse	..	1	..	..	8	..	..	*7A

A Previous address not known.

TABLE C.

Giving the Meteorological Conditions of the 52 Weeks ending January 1st, 1910, together with the number of Deaths from certain Diseases and at certain Ages.

WEEK ENDING	Mean Temperature.	Highest Temperature.	Lowest Temperature.	Mean Temperature of the earth 3 ft. below the surface.	Mean height of the Barometer.	Rainfall in inches.	Sunshine in hours.	Prevailing Wind.	Total Deaths.	Deaths under 1 year.	Deaths over 60.	Deaths from Respiratory Diseases.	Deaths from Phthisis.	Deaths from Zymotic Diseases, excluding Diarrhoea.	Deaths from Diarrhoea and Enteritis.
January 9.....	40.7	47.4	32.5	44.3	30.2	0.13	8.1	..... SW. & NW.	44	9	12	11	6	4	—
„ 16.....	42.2	50.4	34.1	44.0	29.4	0.49	22.7	..... W.	44	7	14	15	4	1	1
„ 23.....	38.7	49.7	29.0	43.7	30.1	0.12	10.9	..... SW. & NE.	53	8	16	13	4	7	1
„ 30.....	31.8	45.5	20.8	41.8	30.1	0.02	18.9	..... ENE.	48	7	17	13	6	4	1
February 6.....	42.7	56.1	29.2	41.2	29.8	0.04	7.7	..... NW. & W. ...	63	10	16	18	6	4	1
„ 13.....	34.8	44.1	26.1	41.8	29.8	0.29	21.1	..... NE.	47	6	16	10	6	2	1
„ 20.....	37.4	50.0	25.0	40.6	30.1	0.01	36.3	..... NW. & SE.	51	10	8	11	3	8	1
„ 27.....	33.4	52.1	19.4	39.7	30.2	0.08	22.4	..... NE.	63	7	22	19	6	4	—
March 6.....	30.1	41.7	13.6	38.8	29.3	1.23	16.2	..... Variable ...	58	8	21	25	6	8	—
„ 13.....	36.5	49.2	30.2	38.5	29.5	0.46	17.0	..... Variable	74	12	28	32	4	5	—
„ 20.....	38.8	57.0	23.1	38.9	29.2	0.41	17.7	..... N. & S.	60	9	22	24	4	5	1
„ 27.....	44.8	54.0	32.1	41.3	29.4	0.51	20.7	..... SW.	44	9	20	12	2	7	—
April 3.....	44.7	62.1	29.0	43.1	29.6	0.66	23.8	..... Variable	42	10	13	10	7	3	1

WEEK ENDING	Mean Temperature.	Highest Temperature.	Lowest Temperature.	Mean Temperature of the earth 3 ft. below the surface.	Mean height of the Barometer.	Rainfall in inches.	Sunshine in hours.	Prevailing Wind.	Total Deaths.	Deaths under 1 year.	Deaths over 60.	Deaths from Respiratory Diseases.	Deaths from Phthisis.	Deaths from Zymotic Diseases, excluding Diarrhoea.	Deaths from Diarrhoea and Enteritis.
April 10.....	46.9	69.0	30.1	43.3	30.1	0.00	83.7	..... ENE.	41	6	14	9	5	2	—
" 17.....	51.5	71.3	35.2	45.1	29.6	0.22	42.2	..... SW.	39	14	10	12	2	2	1
" 24.....	53.2	68.7	34.4	47.4	29.7	0.72	53.4	..... SW.	34	7	15	9	1	2	2
May 1.....	48.6	68.1	35.1	48.6	29.7	0.77	64.0	..... SW. & NW. ...	44	8	18	8	1	3	—
" 8.....	50.6	64.0	34.5	48.6	30.1	0.00	92.4	..... E.	35	6	7	5	2	7	1
" 15.....	48.5	73.9	36.2	50.1	29.9	0.11	62.7	..... NE. & SW.	27	4	9	3	4	1	—
" 22.....	54.9	84.0	33.1	50.3	29.9	0.13	75.9	..... ENE. & SW. ...	32	6	10	4	4	4	1
" 29.....	57.5	81.2	46.1	53.2	29.7	0.95	55.9	..... SW.	39	6	11	9	4	3	1
June 5.....	54.2	76.0	45.2	54.4	29.7	0.94	31.2	..... SW. & NE.	33	11	7	4	3	7	—
" 12.....	50.2	68.0	38.3	53.7	29.8	0.79	25.4	..... NE. & W. ...	37	10	8	3	1	4	—
" 19.....	56.3	74.3	45.1	53.9	30.1	0.05	37.4	..... NE. & W. ...	39	9	9	7	4	7	1
" 26.....	55.8	73.0	48.3	56.1	29.5	1.45	30.1	..... SW. & NW. ...	39	8	6	7	3	5	1
July 3.....	55.9	75.6	44.6	55.8	29.9	0.44	37.0	..... SW. & N.	39	8	15	7	3	4	2

WEEK ENDING	Mean Temperature.	Highest Temperature.	Lowest Temperature.	Mean Temperature of the earth 3 ft. below the surface.	Mean height of the Barometer.	Rainfall in inches.	Sunshine in hours.	Prevailing Wind.	Total Deaths.	Deaths under 1 year.	Deaths over 60.	Deaths from Respiratory Diseases.	Deaths from Phthisis.	Deaths from Zymotic Diseases, excluding Diarrhoea.	Deaths from Diarrhoea and Enteritis.
July 10.....	58.5	74.0	46.1	57.2	29.6	0.99	31.2	..... SW. & NW.	35	7	4	4	1	7	3
" 17.....	60.0	76.5	49.6	57.6	29.8	0.71	25.2	..... NW. & SW.	37	11	6	—	4	6	2
" 24.....	61.9	77.7	48.8	59.4	29.8	0.15	63.0	..... SW.	26	2	8	2	3	4	—
" 31.....	59.9	76.0	47.3	59.5	29.6	1.31	34.4	..... SW.	29	8	7	2	5	1	1
August 7.....	60.8	79.9	46.9	59.7	30.0	0.26	54.4	..... Variable	24	10	5	1	3	4	2
" 14.....	66.9	86.2	52.0	61.2	30.0	0.00	51.5	..... Variable	38	8	10	1	4	7	4
" 21.....	63.3	85.7	52.6	62.8	29.6	0.82	40.2	..... Variable	33	9	5	4	2	4	5
" 28.....	58.1	72.1	45.2	61.5	29.7	0.70	30.2	..... SW. & NW.	45	16	10	3	4	1	12
Septem. 4.....	54.5	71.7	37.1	60.2	29.8	0.30	41.7	..... SW. & NW.	46	16	7	2	4	2	14
" 11.....	54.5	71.0	40.6	58.7	29.7	0.32	35.0	..... SW. & N.	35	14	11	1	1	1	9
" 18.....	55.3	69.0	44.3	57.9	29.9	0.58	20.9	..... NE.	28	11	9	3	2	1	11
" 25.....	56.3	68.6	40.6	57.6	29.9	0.57	27.7	..... Variable	36	12	9	1	4	—	6
October 2.....	53.1	66.0	43.1	57.1	29.8	0.72	6.0	..... Variable	33	9	9	3	4	2	2

WEEK ENDING	Mean Temperature.	Highest Temperature.	Lowest Temperature.	Mean Temperature of the earth 3 ft. below the surface.	Mean height of the Barometer.	Rainfall in inches.	Sunshine in hours.	Prevailing Wind.	Total Deaths.	Deaths under 1 year.	Deaths over 60.	Deaths from Respiratory Diseases.	Deaths from Phthisis.	Deaths from Zymotic Diseases, excluding Diarrhoea.	Deaths from Diarrhoea and Enteritis.
October 9.....	55.8	68.0	39.2	57.0	29.6	1.01	33.7	..... SW.	19	5	2	1	1	1	3
.. 16.....	56.4	65.9	39.7	56.3	29.7	0.59	22.8	..... SW.	47	12	11	5	5	1	4
.. 23.....	55.7	64.0	45.4	56.4	29.7	0.46	16.7	..... SW.	38	11	9	3	7	2	2
.. 30.....	41.9	55.1	31.1	54.2	29.5	1.87	13.9	..... Variable	41	14	11	5	2	2	5
Novem. 6.....	47.1	56.7	34.2	51.3	29.9	0.15	20.1	..... NE.	43	18	7	9	5	1	6
.. 13.....	42.3	53.8	29.1	50.0	29.9	0.03	22.2	..... NW. & SW.	47	8	21	7	6	1	1
.. 20.....	38.7	48.0	30.1	48.0	29.8	0.28	14.0	..... NE.	43	8	13	5	6	2	1
.. 27.....	37.0	44.8	27.6	45.7	30.0	0.01	14.7	..... NW. & SW.	44	9	16	15	6	4	1
Decem. 4.....	44.6	53.0	34.3	45.6	29.1	1.40	13.2	..... SW.	40	6	9	8	8	3	2
.. 11.....	38.6	47.9	28.8	44.5	29.6	0.36	16.7	..... SW. & SE.	35	5	11	7	4	2	1
.. 18.....	38.4	42.6	32.6	44.0	29.8	0.43	0.4	..... ENE.	34	8	8	7	4	2	—
.. 25.....	39.0	53.2	22.1	43.1	29.3	0.46	18.1	..... SW.	40	9	13	5	7	—	1
January 1.....	44.4	52.5	28.2	43.8	29.9	0.27	8.1	..... SW.	30	4	10	9	3	1	—

TABLE D.

Showing the number of Cases of Infectious Diseases notified to the several Metropolitan Medical Officers of Health during the Year 1909.

CITIES AND BOROUGHES.	Estimated population in the middle of 1909.	NOTIFIED CASES OF INFECTIOUS DISEASE.										Annual rate per 1000 persons living.
		Small-pox.	Scarlet Fever.	Diphtheria.*	Typhus Fever.	Enteric Fever.	Other continued Fevers.	Puerperal Fever.	Erysipelas.	Cerebro-spinal Meningitis.	Total.	
LONDON ...	4,816,092	21	17,254	6679	7	1043	20	287	4192	111	29,614	6.1
<i>West Districts.</i>												
Fulham ...	158,560	—	511	322	—	41	1	34	115	3	1027	6.5
Paddington ...	151,955	—	630	184	—	29	—	3	106	4	956	6.3
Kensington ...	183,683	—	420	177	—	48	—	7	135	4	791	4.3
Hammersmith ...	125,704	—	389	192	—	16	—	14	76	1	688	5.5
Chelsea ...	75,249	—	307	98	—	12	2	1	40	—	460	6.1
City of Westminster ...	168,883	1	590	225	—	25	—	5	102	3	951	5.6
<i>North Districts.</i>												
St. Marylebone ...	126,027	—	458	113	—	21	—	3	134	6	735	5.8
Hampstead ...	94,185	—	259	47	—	16	—	5	30	4	361	3.8
St. Pancras ...	237,422	1	771	320	—	50	—	15	155	6	1318	5.5
Islington ...	351,202	3	1285	432	1	94	—	14	220	11	2060	5.9
Stoke Newington ...	54,423	—	110	28	—	11	—	4	27	—	180	3.3
Hackney ...	237,601	1	784	264	—	59	1	15	271	6	1401	5.9
<i>Central Districts.</i>												
Holborn ...	53,802	1	97	47	—	16	1	3	41	—	206	3.8
Finsbury ...	95,289	—	240	167	1	13	—	5	132	3	561	5.9
City of London ...	18,193	1	38	19	—	4	—	1	10	—	73	4.0
<i>East Districts.</i>												
Shoreditch ...	114,802	—	341	186	—	51	—	14	144	2	738	6.4
Bethnal Green ...	131,316	1	566	184	—	33	1	7	164	5	961	7.3
Stepney ...	312,525	8	1038	583	2	71	1	13	487	4	2208	7.1
Poplar ...	171,965	—	731	213	—	54	—	13	177	8	1196	6.9
<i>South Districts.</i>												
Southwark ...	211,125	2	590	256	—	35	1	6	224	5	1119	5.3
Bermondsey ...	127,569	—	459	197	3	30	—	7	142	4	842	6.6
Lambeth ...	324,188	—	1171	378	—	50	1	16	191	14	1821	5.6
Battersea ...	186,036	—	733	288	—	54	—	14	156	4	1249	6.7
Wandsworth ...	297,646	—	997	371	—	66	2	26	193	4	1659	5.6
Camberwell ...	283,022	1	1022	374	—	47	—	14	234	4	1696	6.0
Deptford ...	118,583	—	374	195	—	33	5	7	181	2	797	6.7
Greenwich ...	111,014	—	390	163	—	30	2	8	95	4	692	6.2
Lewisham ...	160,749	1	927	388	—	18	1	4	105	—	1447	9.0
Woolwich ...	133,374	—	1027	267	—	12	—	9	101	—	1416	10.6
Port of London ...	—	—	—	1	—	4	1	—	4	—	10	—

* Including membranous croup.

