

Fulham Borough.

Contributors

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Council of the Borough of Fulham.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

J. CHARLES JACKSON.

FOR THE YEAR 1917.



TOWN HALL,
FULHAM, S.W.

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

GENTLEMEN,

I have the honour to submit my Annual Report for 1917, which, in accordance with the instructions of the Local Government Board, is limited to a brief record of the most important matters that have affected the public health during the year.

POPULATION.—For the calculation of the death-rate and birth-rate the following estimates of population have been adopted by the Registrar General:—

For the death-rate	..	145,186
„ birth-rate	..	161,841

The former is an estimate of the civil population, the latter of the total population, based on the assumption that the ratio between the total and the civilian population is the same in the borough as in England and Wales as a whole. Looking at the crowded state of the borough, both are probably under estimated.

MARRIAGES.—1,403 marriages were registered during the year, against 1,450, 2,043 and 1,918 in the three previous years.

BIRTHS.—Excluding 75 births among non-residents, but including 194 children born of Fulham mothers in lying-in institutions situated in other boroughs, 2,971 births were registered, 1,530 of boys and 1,441 of girls, representing a birth-rate of 18.4 per 1,000 of the estimated total population. This is the lowest birth-rate recorded in Fulham, and is 6.4 per 1,000 below the average rate of the preceding five years.

ILLEGITIMACY.—The illegitimates numbered 224, or 7.5 per cent. of the total births, the highest proportion recorded in any year. Of these 137 were born within, and 87 outside the borough.

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1917 AND PREVIOUS YEARS.

YEAR.	Population Estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.†		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- corrected Number.	Nett.		Number. *	Rate.	of Non- Residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate					Number. *	Rate per 1,000 Nett Births.	Number. *	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1912	155,402	4,079	4,213	27.1	1,830	11.8	173	366	395	94	2,023	13.0
1913	157,117	4,234	4,302	26.9	1,833	11.3	212	407	412	96	2,028	12.7
1914	157,303	4,065	4,154	26.4	1,878	12.3	137	391	469	113	2,132	13.6
1915	a153,161	3,736	3,870	e24.3	1,787	11.7	130	677	446	115	2,334	15.2
1916	a149,428 b162,580	3,600	3,754	e23.1	1,324	8.9	131	789	330	88	1,982	13.3
1917	a145,186 b161,841	2,852	2,971	e18.4	1,251	8.6	139	882	323	109	1,994	13.7

(a) Estimated civil population. (b) Estimated total population. (c) Birth-rate calculated on estimated total population.

NOTES.—This Table is arranged to show the gross births and deaths registered in the district during the year, and the births and deaths properly belonging to it with the corresponding rates. The death-rates for 1915, 1916 and 1917 are calculated per 1000 of the estimated civil population, and the other rates per 1000 of the estimated gross population.

*In Column 6 are included the whole of the deaths registered during the calendar year as having actually occurred within the district, but excluding the deaths of Soldiers and Sailors that have occurred in hospitals and institutions in the district.

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

‡“Transferable Deaths” are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence, e.g., casuals, are not included in Columns 8 or 9, except in certain instances under 3 (b) below. In Column 8 the number of transferable deaths of “non-residents” which are deducted is stated, and in Column 9 the number of deaths of “residents” registered outside the district which are added in calculating the nett death-rate of the Borough.

The following special cases arise as to Transferable Deaths:—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) are regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such Institution to another, the death is transferable to the district of residence at the time of admission to the first Institution.

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement are referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence are referred (a) to the district of residence, under the general rule; (b) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known; (c) failing this, to the district where death occurred, if known; and (d) failing this, to the district where the body was found.

Area of District in acres (land and inland water), 11701.

Total population at all ages ... 153,284 }
Total families or separate occupiers ... 36,430 } At Census of 1911.

TABLE II.
Causes of, and Ages at Death during the Year 1917.

Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District (a).											Net Deaths at all ages of "Residents" in the Wards of the Borough whether occurring in or beyond the Wards.							
CAUSES OF DEATH	All Ages	Under 1 Year	1 and under 2 years	2 and under 5 years	5 and under 10 years	10 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	TOTAL DEATHS WHETHER OF "RESIDENTS" OR "NON-RESIDENTS" IN INSTITUTIONS IN THE DISTRICT (b)	Barons Court Ward	Little Ward	Walham Ward	Margravine Ward	Munster Ward	Hurlingham Ward	Sands End Ward	Town Ward
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
All Causes (Certified (c) Uncertified)	1994	323	96	89	66	91	255	480	594	149	151	374	170	262	414	117	333	173
1—Enteric Fever	2	...	...	...	...	...	2	...	...	13	...	...	...	...	1	1	...	...
2—Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3—Measles	75	26	28	16	5	...	...	...	...	15	3	22	6	12	19	2	9	2
4—Scarlet Fever	4	...	...	2	1	...	1	...	...	23	...	...	2	...	2	...	...	...
5—Whooping Cough	22	5	11	5	1	...	...	...	...	6	2	6	1	3	4	...	6	...
6—Diphtheria and Croup	16	2	3	10	1	...	...	...	...	53	...	4	2	5	3	...	2	...
7—Influenza	32	1	...	...	...	1	5	7	18	...	3	4	...	6	5	4	6	4
8—Erysipelas	2	...	...	...	...	...	1	...	1	1	1	1	...	...	...	...	...	...
9—Phthisis (Pulmonary Tuberculosis)	191	3	2	4	10	32	80	51	9	3	7	30	19	32	37	11	39	16
10—Tuberculous Meningitis	25	8	3	7	5	1	1	...	...	1	4	4	4	5	3	...	5	...
11—Other Tuberculous Diseases	24	5	...	3	3	4	6	2	1	3	1	4	5	4	4	2	3	1
12—Cancer, malignant disease	178	2	...	...	1	1	12	92	70	...	19	31	17	15	35	17	23	21
13—Rheumatic Fever	5	...	...	...	3	1	1	...	...	...	1	1	...	...	1	1	1	...
14—Meningitis. See note (d)	17	4	1	4	3	2	3	...	...	10	3	1	2	3	5	1	2	...
15—Organic Heart Disease	202	...	...	1	2	7	20	74	98	2	14	37	20	24	44	7	33	23
16—Bronchitis	180	15	2	3	1	2	11	30	116	1	11	40	16	26	31	7	23	26
17—Pneumonia (all forms)	179	47	31	17	6	4	18	34	22	7	14	39	13	26	39	8	32	8
18—Other diseases of Respiratory organs	16	...	1	1	...	1	3	8	2	...	2	5	1	3	1	...	1	3
19—Diarrhoea and Enteritis	85	63	8	4	...	...	3	2	4	...	1	24	13	10	17	2	16	2
20—Appendicitis and Typhlitis	8	...	...	1	2	2	...	2	1	...	...	...	...	...	3	2	2	...
21—Cirrhosis of Liver	12	...	...	1	1	...	3	3	4	...	2	...	2	1	...	1	4	...
21A—Alcoholism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22—Nephritis and Bright's Disease	75	...	1	...	4	3	12	34	21	1	6	14	5	2	14	9	18	7
23—Puerperal Fever	4	...	...	...	...	2	2	...	...	3	...	1	...	...	2	...	1	...
24—Other accidents and diseases of Pregnancy and Parturition	4	...	...	...	...	2	2	...	...	...	...	1	...	1	2	...	...	...
25—Congenital Debility and Malformation, including Premature Birth	93	92	...	...	1	...	...	...	...	...	6	10	8	11	28	1	21	8
26—Violent Deaths, excluding Suicide	54	5	2	5	8	3	6	11	14	2	1	10	4	7	8	8	10	6
27—Suicide	6	...	...	...	...	...	5	1	...	...	1	1	...	1	1	1	1	...
28—Other Defined Diseases	478	45	3	4	7	23	57	127	212	5	46	81	29	65	105	32	74	46
29—Diseases ill-defined or unknown	5	...	...	1	...	...	1	2	1	...	2	1	1	...	...	...	1	...
	1994	323	96	89	66	91	255	480	594	149	151	374	170	262	414	117	333	173
SUB-ENTRIES included in above figures.	14 (a) Cerebro-spinal Meningitis	11	3	1	3	1	1	2	...	9	...	2	1	3	4	...	1	...
	28 (a) Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) All "Transferable Deaths" of residents, i.e., of persons resident in the District who have died outside it, are included with the other deaths in columns 2-10, and columns 12-19. Transferable deaths of non-residents, i.e., of persons resident elsewhere in England and Wales who have died in the District, are in like manner excluded from these columns. For the precise meaning of the term "transferable deaths" see footnote to Table IX.

Deaths of soldiers and sailors occurring in hospitals and institutions in the district are excluded from the total number of deaths registered in the district, and such deaths in like manner are excluded from column 11.

(b) All deaths occurring in institutions for the sick and infirm situated within the district, whether of residents or of non-residents, are entered in column 11 of Table VI.

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

(d) Exclusive of "Tuberculous Meningitis" (10), but inclusive of Cerebro-Spinal Meningitis.



DEATHS.—During 1917 1,251 deaths of civilians were registered in the borough, but of these 139 were of persons not belonging to Fulham, while 882 inhabitants of Fulham died outside the borough, chiefly in various public institutions. There were, therefore, including 19 deaths among Belgian Refugees, 1,994 deaths of persons, 998 males and 996 females, having their usual residence in Fulham, representing a death-rate of 13.7 per 1,000 of the estimated civilian population, which is 0.2 above the average rate of the preceding five years. The death-rate of the County of London was 15.0 per 1,000, and in the Metropolitan boroughs the rates ranged from 10.6 in Woolwich to 22.5 in Shoreditch.

EXCESS OF BIRTHS OVER DEATHS.—The natural increase of the population by the excess of births over deaths was 977, compared with 2,022, 1,536 and 1,772 in the preceding three years.

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

	Deaths.	Death-rate.
First quarter	713	19.6
Second quarter	504	13.9
Third quarter	367	10.1
Fourth quarter	410	11.3

DISTRIBUTION OF DEATHS.—The death rates in the several wards, calculated on the assumption that the ratio of the estimated civilian population to the census population was the same in each ward as in the whole borough, were as under :—

TABLE III.

Ward.	Death-rate 1917.	Average Death-rate 1912-16.	Ward.	Death-rate 1917.	Average Death-rate 1912-16.
Barons Court	12.9	11.7	Munster ..	11.8	12.2
Lillie ..	16.6	14.6	Hurlingham	13.0	11.7
Walham ..	14.3	17.2	Sands End	13.4	13.1
Margravine..	15.3	15.3	Town ..	13.8	12.5

INFANTILE MORTALITY.—Of the 1,994 deaths, 323 or 16.2 per cent. were of children under one year of age, and the rate of infant mortality measured by the proportion of deaths under one year to births registered was 109 per 1,000. This is 21 per 1,000 above that of 1916, which was the lowest recorded in Fulham.

The infantile death-rate of the County of London in 1917 was 103 per 1,000, and in the metropolitan boroughs the rates ranged from 75 in Lambeth to 158 in Shoreditch.

TABLE IV.

The infantile death-rates of the several wards were as under :—

Ward.	Deaths under one year per 1,000 births.		Ward.	Deaths under one year per 1,000 births.	
	1917.	Average of 5 years 1912-16.		1917.	Average of 5 years 1912-16.
Barons Court	95	105	Munster ...	98	101
Lillie ...	148	106	Hurlingham	54	75
Walham ...	100	123	Sands End	113	112
Margravine	123	115	Town ...	85	68

CAUSES OF INFANTILE MORTALITY.—Table V gives the causes of the deaths at various periods under one year of age, and in the following table the mortality from certain groups of diseases will be found :—

TABLE VI.

Death-rates of Infants under one year of age from certain groups of diseases.

Diseases.	Deaths per 1,000 births.	
	1917.	Average of 5 years 1912-16.
Infectious Diseases	11.5	8.7
Tuberculous Diseases...	5.5	2.7
Diarrhœal Diseases	20.9	19.5
Respiratory Diseases	22.9	20.1
Premature Birth, Congenital Defects and Debility	31.0	34.6
Other Causes	17.2	15.4
	109.0	101.0

TABLE V.

INFANT MORTALITY DURING THE YEAR 1917.

Net Deaths from stated causes at various Ages under One Year of Age.

Net Deaths under One Year of residents in the Wards of the Borough whether occurring in or beyond the Wards.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 Weeks.	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months.	Total Deaths under One Year.	Barons Court Ward.	Lillie Ward.	Walham Ward.	Margravine Ward.	Munster Ward.	Hurlingham Ward.	Sands End Ward.	Town Ward.
All causes	{ Certified ...	66	15	9	8	98	61	53	42	69	323	17	68	24	45	76	7	66	20
	{ Uncertified ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(Small-pox ... ..)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..		...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...
Measles ... ..		...	...	...	...	...	...	2	5	19	26	1	6	3	2	6	1	6	1
Scarlet Fever ... ..		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..		...	...	...	...	...	1	1	1	2	5	...	2	...	...	2	...	1	...
Diphtheria and Croup ... ..		...	...	...	...	...	...	1	...	1	2	...	1	...	1	...	...	...	...
Erysipelas ... ..		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..		...	...	...	...	...	2	...	3	3	8	1	3	...	2	1	...	1	...
Abdominal Tuberculosis (a) ... ..		...	...	...	...	...	...	3	...	...	3	...	...	...	1	1	...	1	...
Other Tuberculous Diseases ... ..		...	1	...	...	1	1	1	1	1	5	...	2	...	1	...	...	1	...
Meningitis (not Tuberculous) ... ..		...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...
Cerebro-Spinal Meningitis ... ..		...	...	...	...	...	...	...	2	1	3	...	1	...	1	1	...	...	...
Convulsions		1	...	...	...	1	1	2	2	3	9	1	...	1	1	2	...	4	...
Laryngitis ... ..		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..		...	1	...	...	1	8	3	3	...	15	...	4	...	5	1	...	2	3
Pneumonia (all forms)		3	1	1	...	5	3	10	12	17	47	4	7	2	7	12	3	10	2
Diarrhoea ... ..		...	...	...	1	1	4	7	...	...	12	...	3	3	2	1	...	3	...
Enteritis		2	1	...	1	4	16	15	8	8	51	1	14	7	4	12	1	10	2
Gastritis ... ..		...	...	...	1	1	1	1	1	1	5	...	2	...	1	...	...	1	1
Syphilis ... ..		...	1	...	...	1	6	...	...	...	7	1	4	1	...	1	...	...	...
Rickets ... ..		...	...	...	...	...	1	1	...	...	2	...	1	...	...	1	...	...	...
Suffocation, overlying ... ..		...	...	...	...	...	1	...	...	2	3	...	1	...	1	...	...	1	...
Injury at Birth		8	...	...	...	8	...	...	...	...	8	...	1	...	1	3	1	1	1
Atelectasis		6	...	...	...	6	...	...	...	...	6	...	4	...	1	...	...	...	1
Congenital Malformations (c)		5	2	...	1	8	2	...	...	2	12	1	...	1	2	4	...	3	1
Premature Birth		33	4	4	3	44	3	...	...	...	47	...	8	4	4	16	1	10	4
Atrophy, Debility and Marasmus		6	4	4	1	15	10	4	2	2	33	5	2	2	5	8	...	8	3
Other causes		2	...	...	...	2	1	2	1	6	12	1	2	...	2	4	...	3	1
		66	15	9	8	98	61	53	42	69	323	17	68	24	45	76	7	66	20

Net Births in the year—Legitimate, 2,747; Illegitimate, 224.

Net Deaths in the year of—Legitimate infants, 268;
Illegitimate infants, 55.

(a) Under Abdominal Tuberculosis are included deaths from Tuberculous Peritonitis and Enteritis and from Tabes Mesenterica.

Want of Breast Milk is included under Atrophy and Debility.

DEATHS OF ILLEGITIMATE INFANTS.—Of the 323 infants who died before attaining the age of one year 55 or 17 per cent. were illegitimate, the mortality among them being in the proportion of 246 deaths per 1,000 births against 98 per 1,000 among children born in wedlock.

PREVENTION OF INFANT MORTALITY.—NOTIFICATION OF BIRTHS.—2,633 notifications of living and 67 of still-born children were received under the Notification of Births Act, 92 per cent. of the births registered in Fulham being notified. Of these 70 per cent. were notified by midwives, 27·5 per cent. by medical practitioners and 2·5 per cent. by relatives. 2,442 babies were visited by your Health Visitors, who paid 4,419 visits, and in addition 3,010 visits were paid by the Superintendent and the nurses of the Fulham Maternity and Child Welfare Centre.

664 babies were brought to the consultations held at 92, Greyhound Road, 170, Wandsworth Bridge Road and Melmoth Hall, Eustace Road, by the doctors attached to the Welfare Centres.

SICKNESS FROM NOTIFIABLE INFECTIOUS DISEASES.

SCARLET FEVER.—234 cases were notified, being fewer than in any year since 1891, and there were 4 deaths.

DIPHTHERIA.—237 cases were notified, with 16 deaths, against 312 with 20 deaths in 1915.

ENTERIC FEVER.—Eleven cases were notified, with two deaths.

PUERPERAL FEVER.—Fifteen cases were notified, and there were four deaths, or 1·3 per 1,000 births.

ERYSIPELAS.—There were 50 cases of erysipelas, with two deaths.

CEREBRO-SPINAL MENINGITIS.—Twenty cases were notified, against 17 and 12 in the two preceding years, and there were eleven deaths.

TABLE VII.

Cases of Infectious Diseases notified during the Year 1917.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED,								TOTAL CASES NOTIFIED IN EACH WARD of the Borough.								Total cases removed to Hospital.
	At all Ages.	AT AGES—YEARS.							Barons Court Ward.	Lillie Ward.	Walham Ward.	Margravine Ward.	Munster Ward.	Hurlingham Ward.	Sands End Ward.	Town Ward.	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.									
Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera (C) Plague (P)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Mem- branous Croup)	237	5	88	110	21	13	—	—	10	41	20	37	55	8	58	8	233
Erysipelas	50	3	2	5	7	16	12	5	1	10	2	3	20	2	9	3	—
Scarlet Fever	234	—	63	136	23	11	1	—	11	41	17	24	42	17	74	8	221
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	11	—	2	3	1	5	—	—	1	3	—	2	2	2	1	—	11
Relapsing Fever (R) Continued Fever (C)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	15	—	—	—	4	10	1	—	—	4	1	—	5	—	2	3	12
Cerebro-spinal Meningitis	20	5	7	3	3	2	—	—	1	3	2	4	5	1	4	—	16
Poliomyelitis	5	1	4	—	—	—	—	—	—	4	—	—	—	—	1	—	4
Ophthalmia Neonatorum	57	57	—	—	—	—	—	—	4	5	6	8	17	1	12	4	9
Pulmonary Tuberculosis	582	3	17	145	115	224	67	11	29	90	51	88	142	34	96	52	—
Other forms of Tuberculosis	118	10	10	52	18	13	2	3	10	15	11	17	32	3	20	10	—
Measles	2021	82	809	1009	80	38	3	—	104	360	136	216	518	96	415	176	—
German Measles	361	8	52	144	90	61	6	—	96	36	17	29	92	24	25	42	—
TOTALS	3711	175	1063	1607	362	393	92	19	267	612	263	428	930	188	717	306	506

POLIOMYELITIS.—Five cases were reported, but in one the diagnosis was not confirmed. All recovered with slight paresis.

OPHTHALMIA NEONATORUM.—Fifty-seven babies were notified as suffering from ophthalmia, 18 being reported by midwives, and the remainder by doctors. Seven cases were removed to hospital. With one exception all recovered with unimpaired sight.

MEASLES was epidemic throughout the borough during the first half of the year, and 2,021 cases were notified, of which 1,967 occurred between January and July. Of these, 1,889 were reported by doctors, and 121 by relatives.

Fatality.—Seventy-five deaths were ascribed to measles, giving a case mortality of 3·7 per cent.

Provision of Nursing for Measles.—In March the Borough Council made arrangements with the Fulham and Hammersmith District Nursing Association for the services of nurses in cases reported to them by the Medical Officer of Health as requiring nursing assistance.

GERMAN MEASLES.—361 cases of German Measles were notified, which was most prevalent in Baron's Court Ward. No death was attributed to the disease.

TUBERCULOSIS.—The notifications received during the year numbered 1,483, viz. :—

Under Form A.—Cases not previously notified ..	912
" " B.—By School Medical Officers ..	98
" " C.—Cases admitted to Sanatoria and Poor Law Institutions ..	252
" " D.—Cases discharged from Sanatoria and Poor Law Institutions ..	221

Of the above 700 were notifications of new cases, 582 being of pulmonary and 118 of other forms of tuberculosis.

The following table gives the age and sex distribution of the cases :—

TABLE VIII.
PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of notifications during the period from 31st December, 1916, to 29th December, 1917.

Age periods.	Number of Notifications on Form A.													Number of Notifications on Form B. (by School Medical Officers)				Number of Notifications on Form C. of admission to	
	Primary Notifications.												Total Notifica- tions on Form A	Primary Notifications.			Total Notifica- tions on Form B	Poor Law Insti- tutions.	Sana- toria.
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total.		Under 5.	5 to 10	10 to 15	Total.		
Pulmonary.																			
Males	1	8	33	18	18	29	66	68	31	13	7	284	430	1	14	4	19	35	67
Females	2	7	27	28	24	44	62	36	14	9	4	257	367	1	17	4	22	47	68
Non-pulmonary.																			
Males	8	9	18	2	7	2	6	2	-	-	3	57	61	-	4	-	4	9	3
Females	4	10	13	12	7	2	1	4	1	1	-	54	54	-	3	-	3	19	4

Mortality from Tuberculosis.—191 deaths (99 of males and 92 of females) were registered from pulmonary tuberculosis, representing a death-rate of 1·32 per 1,000, the average of the preceding five years being 1·33. To other tuberculous diseases 49 deaths were due, the mortality being at the rate of 0·34 per 1,000.

Prevention and Treatment of Tuberculosis.

Fulham Tuberculosis Dispensary.—The following table gives a summary of the work of the Dispensary :—

New Patients.

1.	Suffering from pulmonary tuberculosis	...	286
2.	" " other forms "	...	13
3.	suspected cases "	...	349
4.	non-tuberculous	329
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	Total	977
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Total Cases notified during 1917 (including 32 cases admitted during previous years)	331
		<hr/>

Number of Patients Treated (old and new).

1.	Insured	471
2.	Uninsured	1,317
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	Total	1,788
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Number of Attendances at Dispensary.

1.	Insured	1,052
2.	Uninsured	6,528
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	Total	7,580
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Doctor's home visits	1,141
Nurses' "	2,789
Persons specially examined as Contacts	492
Number of these found tuberculous	... ..	21
Contacts who became patients during the year	...	197
Insured patients examined for purposes (sanatorium treatment, etc.) of London Insurance Committee	...	112
Uninsured patients recommended for sanatorium treatment to London County Council	... ..	61
Patients sent to Infirmary	... ..	45
Referred to Invalid Children's Aid Association	...	29
" " Charity Organization Committee	...	27
" " Children's Country Holidays Fund	...	47
Patients who had Tuberculin treatment	... ..	351

GENERAL SANITARY ADMINISTRATION.

Disinfection.—25,302 articles of bedding, clothing, &c., were disinfected at the Council's Disinfecting Station.

2,116 rooms were disinfected and cleansed after infectious illness.

BACTERIOLOGICAL EXAMINATIONS. — The following bacteriological examinations were made on behalf of Dr. Burnet.

	Number of Specimens.
True Diphtheria bacillus isolated	46
Hoffmann or Pseudo Diphtheria bacillus isolated	2
Negative result... ..	220
	— 268
<i>Blood from cases of suspected Enteric Fever.</i>	
Widal or Typhoid reaction obtained	6
Widal or Typhoid reaction not obtained	5
	— 11
<i>Sputa from cases of suspected Tuberculosis.</i>	
Tubercle bacillus found	79
„ „ not found... ..	342
	— 420
<i>Other Examinations</i>	11
Total	<u>710</u>

PUBLIC MORTUARY.—218 bodies were removed to the mortuary during the year.

FOOD SUPPLY.—The dairies, slaughterhouses, bake-houses, restaurants, &c., were kept under observation by your Inspectors and a large amount of work was carried out by them in connection with the numerous Orders of the Food Controller, the duty of seeing that these were observed being imposed on them.

Unsound Food.—Proceedings under the Public Health (London) Act were instituted in the following cases :—

Defendant.	Offence.	Result.	Penalty.	Costs.
H. Humphries, 32, Braithwaite Rd.	Exposing unsound fish for sale.	Convicted.	2 0 0	0 10 6
C. White,	Depositing unsound fish for the purpose of sale	Convicted.	2 0 0	0 10 6

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

Mutton	...	...	30 lb.	Kippers	...	...	6 boxes.
Fish	...	...	2 cases.	Mussels	...	...	3 bags.
Fish	...	...	3½ stones.	Winkles	...	...	2 baskets.
Fish	...	...	1 sack.	Apples	...	...	8 bushels.
Dates	...	...	1 case.	Greens	...	...	7 bags.

Action under the Sale of Food and Drugs Acts.

The undermentioned samples were purchased for analysis in 1917 :—

Article.	Number of Samples.	Number Adulterated.	Percentage of Adulteration.
Milk	562	80	14·3
Separated Milk	4	...	0·0
Dried Milk	1	...	0·0
Condensed Milk	1	1	100·0
Cream	4	4	100·0
Butter	215	13	6·0
Margarine	1	...	0·0
Cheese	10	...	0·0
Cream Cheese	2	2	100·0
Lard	33	1	3·3
Coffee	28	...	0·0
Cocoa	75	7	9·5
Sausages	6	1	16·7
Flour	9	...	0·0
Self-raising Flour	9	...	0·0
Baking Powder	5	...	0·0
Cayenne Pepper	10	...	0·0
White Pepper	9	...	0·0
Mustard	9	...	0·0
Preserved Peas	3	2	66·6
Tinned Beans	1	1	100·0
Olive Oil	1	...	0·0
Ice Cream Powder	1	...	0·0
Camphorated Oil	1	...	0·0
Tartaric Acid	1	...	0·0
Syrup	1	...	0·0
	1,002	112	11·2

There was a marked increase in the adulteration of milk, the samples certified during the last five years to be below the standard of the Board of Agriculture being as under :—

1913..	..	..	4.9 per cent.
1914..	..	..	5.7 „
1915..	..	..	3.4 „
1916..	..	..	9.6 „
1917..	..	..	14.3 „

Proceedings under the Sale of Food and Drugs Acts, were instituted in the following cases :—

Defendant.	Offence.	Result.	Penalty,	Costs.
			£ s. d.	£ s. d.
W. Cooper, 14, Ewald Road	Selling milk adulterated with 7 per cent. of added water.	Dismissed (Warranty proved)	—	—
H. Maynard, 54, Mablethorpe Road	Selling milk 20 per cent. deficient in fat.	Convicted.	10 0	10 6
W. Williams, 114, Lillie Road	Selling margarine for butter.	Convicted.	6 0 0	—
Ditto	Ditto	Convicted.	6 0 0	—
E. Morgan	Selling milk 6 per cent. deficient in fat	Dismissed (Warranty proved)	—	—
T. Setchfield, 134, Estcourt Road	Selling milk 57 per cent. deficient in fat.	Convicted.	3 0 0	1 1 0
C. Lockington, 6, Hazlebury Road	Selling butter adulterated with 95 per cent. of margarine.	Convicted.	1 0 0	—
W. Winter, 7, Delvino Road	Selling milk adulterated with 7 per cent. of added water.	Convicted.	2 0 0	10 6
Ditto	Selling milk adulterated with 33 per cent. of added water.	Convicted.	2 0 0	10 6
W. Langham, 117, Stephendale Road	Selling milk adulterated with 12 per cent. of added water.	Convicted.	10 6	10 6
H. Barrett, 8, Hogarth Place	Selling milk adulterated with 26 per cent. of added water.	Convicted.	1 0 0	10 6
E. Jones, 24, Filmer Road	Selling milk 26 per cent. deficient in fat.	Convicted.	2 0 0	10 6
A. Floyd, 6, Charleville Road	Selling milk 10 per cent. deficient in fat.	Convicted.	2 0 0	—

Defendant.	Offence.	Result.	Penalty.	Costs.
			£ s. d.	£ s. d.
Ditto	Selling milk containing 42 grains of boric acid to the gallon.	Convicted.	10 0 0	2 2 0
Ditto	Selling milk 10 per cent. deficient in fat.	Convicted.	2 0 0	—
J. Ely, 11, Rylston Road	Selling milk 67 per cent. deficient in fat.	Convicted.	2 0 0	1 1 0
T. Davies, 2, Everington Street	Selling milk 4 per cent. deficient in fat.	Dismissed (Warranty proved)	—	—
W. Wattam, 24, Phoenix Place, Notting Hill	Selling milk 5 per cent. deficient in fat.	Dismissed (Warranty proved)	—	—
D. Cairns, 142, New King's Road	Selling milk 9 per cent. deficient in fat.	—	No penalty	2 0 0
J. Hickman, 309, Fulham Palace Road	Selling milk adulterated with 8 per cent. of added water.	Dismissed (Warranty proved)	—	—
F. Lake, 101, Bishop's Road	Selling milk 5 per cent. deficient in fat.	Dismissed (Warranty proved)	—	—
H. Denew, 358, North End Road	Selling milk 7 per cent. deficient in fat.	Dismissed (Warranty proved)	—	—
H. Moss, 11, Jervis Road	Selling milk 13 per cent. deficient in fat.	Convicted.	7 0 0	10 6
West London Dairy Co., 1, Spring St., Paddington	Selling milk adulterated with 5 per cent. of added water	Convicted.	3 0 0	1 1 0
J. Walters, 797, Fulham Road	Selling cream containing 15·4 grains of boric acid to the pound.	Convicted.	2 0 0	10 6
			£52 0 6	£11 9 0

The following prosecutions were instituted under the
Public Health (Milk and Cream) Regulations, 1912:—

Defendant.	Offence.	Result.	Penalty.	Costs.
			£ s. d.	£ s. d.
J. Walters, 797, Fulham Road	Selling preserved cream in a receptacle not properly labelled.	Convicted.	1 0 0	10 6
Ditto	Depositing preserved cream in a receptacle not properly labelled.	Convicted.	1 0 0	—
West London Dairy Co., 6, Spring St., Paddington	Selling preserved cream in a receptacle not properly labelled.	Convicted.	5 0 0	1 1 0
J. Hickman, 245, Munster Road	Ditto	Convicted.	2 0 0	1 1 0
L. Duncan, 72, North End Road	Ditto	Convicted.	2 0 0	1 1 0
			£11 0 0	£3 13 6

FACTORIES, WORKSHOPS AND WORKPLACES have been frequently inspected. Many have undertaken Government work, which has necessitated considerable additions and alterations.

CERTIFICATES UNDER THE REVENUE ACTS.—Certificates for exemption from or reduction of inhabited house duty were granted in respect of 135 tenements, and 193 certificates 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 additions to existing buildings ...	40
Plans of the reconstruction of the drainage of existing buildings	27
	—
	67

COMBINED DRAINAGE.—One system of combined drainage, for the maintenance of which the Council were liable, was reconstructed, at a cost of £19. 15s. 6d.

GENERAL SANITARY WORK.—1,811 complaints of nuisances were received and dealt with by your Inspectors. 1,145 intimation and 278 statutory notices were served. Owing to the great difficulty experienced in getting work done, in consequence of the scarcity of labour and materials, the attention of the Inspectors has been mainly confined to securing the abatement of the more acute nuisances, and works of a less urgent nature have been postponed till more normal times.

SANITARY STAFF.—Two of your Sanitary Inspectors, Mr. F. Manning and Mr. M. Canton, are still serving with His Majesty's Forces in France. Mr. A. Carter, who had been acting as temporary Sanitary Inspector since October, 1914, resigned in March, and Mr. T. Yorke was appointed in his place. Mr. Yorke resigned

in September, and his place was filled by Mr. Edgar Drake. To all the members of the staff of the Department I have to tender my heartiest thanks for the faithful assistance they have at all times given me.

I am, Sir and Gentlemen,

Your obedient Servant,

J. CHARLES JACKSON,

Medical Officer of Health.

August, 1918.

