

[Report of the Medical Officer of Health for Wandsworth, Metropolitan Borough].

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REPORT

of the Medical Officer of Health for the Year 1921.

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

SIR, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report on the health and sanitary condition of the Borough for the year 1921.

Population.

The population of the Borough at the Census of 1921 was 328,656, but this in my opinion does not show the actual population at that period. This has to some extent been recognised by the Registrar-General, and he has adjusted the above population by a redistribution of the estimated population on holiday, and has increased the population to 331,500.

The detailed Census returns will not be available for inclusion in this Report, as they will not be published till late in the current year.

Table I. shows the population of each sub-district based on the above estimation, compared with the Census population.

TABLE I.

Sub-District.	Census Population, 1921.	Population estimated to middle of 1921.	
		Corrected.	Uncorrected.
Clapham... ..	60,570	61,090	61,090
Putney	28,579	28,830	28,830
Streatham... ..	103,499	104,405	104,405
Tooting	40,410	38,760	40,760
Wandsworth... ..	95,598	94,915	96,415
Whole Borough	328,656	328,000	331, 00

The corrected estimated population in Table I. is used to calculate all the rates in this Report.

Births.

During the year 1921, 6,167 births, 3,189 of males and 2,978 of females, occurred, compared with 7,212 in 1920.

The total number of births in this Borough was 6,039, but 598 births occurred in Institutions outside the Borough of persons belonging to the Borough, and 470 births in Institutions in the Borough of persons not belonging to the Borough, making a corrected total of 6,167.

In Table II. is shown the number of births, males and females, the birth-rate, and the rate of natural increase for each sub-district, and for the whole Borough.

TABLE II.

Sub-District.	BIRTHS.			RATES.	
	Males.	Females.	Total.	Birth-Rate.	Rate of natural increase.
Clapham	614	616	1,230	20·13	9·30
Putney	231	240	471	16·33	5·03
Streatham... ..	887	901	1,788	17·12	6·03
Tooting	416	356	772	19·92	9·93
Wandsworth	1041	865	1,906	20·08	9·56
Whole Borough... ..	3,189	2,978	6,167	18·80	7·97

The birth-rate was 18·80 per 1,000, compared with 21·03 for 1920, and 18·87 the decennial average.

Table III. shows the birth-rate in the Borough, in the five sub-districts, in London, and in England and Wales, for the year, as well as the rates for the previous 10 years, compared with the decennial average.

TABLE III.

Year.	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	Whole Borough.	London.	England and Wales.
1911	22·15	16·96	18·78	29·04	23·27	21·73	25·0	24·4
1912	20·62	17·08	18·88	27·12	24·07	21·53	24·7	23·8
1913	20·66	16·74	18·06	27·82	22·61	20·87	24·8	23·9
1914	19·50	16·06	18·61	25·51	22·34	20·44	24·3	23·8
1915	18·78	16·15	18·23	23·12	20·05	19·25	25·5	21·8
1916	18·82	14·66	17·51	20·85	19·39	18·46	21·5	20·9
1917	15·16	11·40	14·70	17·09	14·54	14·72	17·9	17·8
1918	13·69	12·40	15·10	16·14	13·70	14·29	16·1	17·7
1919	15·59	12·76	15·64	19·21	17·63	16·40	18·3	18·5
1920	20·38	17·47	20·65	23·66	21·89	21·03	26·3	25·4
Average for 10 yrs.	18·53	15·16	17·61	22·95	19·95	18·87	22·4	21·8
1921	20·13	16·33	17·12	19·92	20·18	18·80	22·3	22·4

Only 14 births occurred in the Workhouse, seven of which belonged to the Borough.

305 illegitimate births took place in the Borough, 26 in Clapham, 10 in Putney, 170 in Streatham, 20 in Tooting, and 79 in Wandsworth.

Of the 305 illegitimate births that occurred in the Borough, 119 belonged to the Borough, 24 to Clapham, 10 to Putney, 23 to Streatham, 12 to Tooting, and 50 to Wandsworth.

120 illegitimate births occurred outside the Borough, making a total of 239.

The illegitimate births in nursing homes have again been allocated to the home addresses of the mothers.

The percentage of illegitimate births to total births was 3.88.

Notification of Births Act.

The following Table shows the number of births notified in each sub-district and in the whole Borough, the persons by whom notified and whether the children were born alive or dead.

TABLE IV.

Sub-District.	Total No. of births notified.	NOTIFIED BY :				Total births registered.	No. born dead.
		Medical Attendant	Parent.	Midwife.	Other person.		
Clapham	1011	379	310	300	22	1027	24
Putney... ..	423	175	86	152	10	417	6
Streatham	2111	546	611	846	108	2130	33
Tooting	744	102	198	428	16	737	3
Wandsworth	1705	265	950	445	45	1728	15
Whole Borough	5994	1467	2155	2171	201	6039	81

The percentage of births notified, less still-births, to those registered was 99, compared with 98.6 in 1920.

Deaths.

During the year ending the 31st December, 1921, 3,103 deaths, 1,395 of males and 1,708 of females, occurred, compared with 3,080 in 1920.

Table V. shows the total number of Institution deaths arranged according to sub-districts and Institutions in which they occurred; Table VI. the deaths of persons not belonging to the Borough; Table VII. the deaths of persons belonging thereto arranged according to causes of death, sex and age, and Institution in which the death occurred; and Table VIII., the number of deaths in Institutions, etc., outside the Borough, of persons belonging thereto.

TABLE V.

Name of Public Institution.	Clapham.	Putney.	Streatham	Tooting.	Wandsw'tl	Total.
Hostel of God... ..	55	...	...	...	...	55
South London Hospital for Women... ..	35	...	...	...	...	35
Springfield Mental Hospital ... ..	...	...	...	...	110	110
Fountain Temporary Mental Hospital... ..	...	...	...	48	...	48
H. M. Prison... ..	...	...	...	...	4	4
Swaffield Rd. Institution... ..	...	...	...	...	13	13
Royal Hospital for Incurables ... ..	...	...	...	...	17	17
Tooting Bec Mental Hospital ... ..	...	...	...	347	...	347
Grove Hospital ... ..	...	...	...	154	...	154
The Priory ... ..	...	3	...	...	...	3
Weir Hospital ... ..	...	...	22	...	...	22
Putney Hospital ... ..	...	18	...	...	...	18
Ministry of Pensions Hospitals	1	...	...	19	...	20
TOTAL	91	21	22	568	144	846
Other places	41	34	107	10	50	242
GRAND TOTAL	132	55	129	578	194	1088

TABLE VI.

DEATHS in PUBLIC INSTITUTIONS, &c., in the Borough, of Persons not belonging to the Borough, 1921.

CAUSES OF DEATH.	Deaths in or belonging to whole District at subjoined Ages.								Institutions.																			
	All Ages.	Males.	Females.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Springfield Mental Hosp.	Tooting Mental Hospital.	Hostel of God.	Swatfield rd. Institution.	H.M. Prison.	Ryl. Hosp. for Incurables	Fountain Mental Hosp	S.Lon. Hosp. for Women.	Putney Hospital.	Grove Hospital.	Weir Hospital.	The Priory.	Newlands House Asylum.	Min. of Pensions Hosp'ls	Other Places, not Public Institutions.		
Enteric Fever	
Small pox	
Measles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Scarlet Fever	31	14	17	4	5	6	12	4	...	...	...	...	...	...	...	...	1	...	...	...	30	...	...	...	...	...
Whooping Cough	3	1	2	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...
Diphtheria and Membranous Croup	59	28	31	4	4	20	29	1	1	...	...	...	...	...	...	...	1	...	...	58	...	...	...	...	...	...
Influenza	9	6	3	...	3	1	...	1	4	1	4	1	4	...	...	...	4	...	...	...	...	...	...	...	...	...
Erysipelas	1	1	1	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...
Cerebro-spinal Fever...	1	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Other Epidemic Diseases	3	1	2	...	...	1	1	1	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	1
Pulmonary Tuberculosis	44	22	22	...	2	4	4	23	9	2	23	5	5	...	...	...	6	1	...	...	...	...	1	3	...	...
Tuberculous Meningitis	1	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis	1	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases...	3	1	2	...	1	...	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	2	...
Other Infective Diseases	3	2	1	2	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	3	3
Cancer, Malignant Disease	68	24	44	...	...	...	8	30	30	5	7	33	...	...	...	1	6	1	1	1	...	1	13	1	13	...
Rheumatic Fever	1	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1
Diabetes	2	2	2	...	...	...	...	2	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	4	...
Other General Diseases	6	2	4	1	...	2	1	2	...	2	...	...	...	...	...	1	...	...	...	...	...	...	1	4	1	4
Alcoholism	
Chronic Poisonings	
Meningitis	3	2	1	1	...	1	1	...	1	1	1	1	1	1	1	...	
Cerebral Hemorrhage, Apoplexy	21	7	14	7	14	4	8	1	1	1	...	1	6	1	6	6	...	
Convulsions	2	1	1	2	2	...	
Other Diseases of Nervous System	80	46	34	...	5	11	6	17	31	10	22	22	1	1	7	16	...	...	...	...	...	...	4	7	4	7
Organic Diseases of Heart	47	12	35	...	2	2	1	23	19	13	8	2	...	...	...	1	2	3	1	...	1	...	16	1	16	...
Other Diseases of Circulatory System	10	3	7	...	1	2	7	3	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	5	5	...
Bronchitis	28	7	21	1	1	1	1	6	17	11	1	2	1	...	...	1	1	1	1	1	1	...	10	1	10	...
Broncho-Pneumonia	12	3	9	1	1	3	1	1	5	3	...	...	...	...	...	3	1	2	...	...	...	2	2	1	1	...
Lobar Pneumonia	14	8	6	3	4	4	3	2	3	2	3	...	...	...	...	6	1	...	...	1	...	1	1	1	1	...
Pneumonia (type not distinguished)	12	5	7	1	...	2	5	4	1	7	...	2	...	...	...	...	...	...	...	...	...	...	...	2	2	...
Other Diseases of Respiratory System	5	1	4	...	...	...	2	3	...	2	...	...	...	...	...	...	...	...	...	1	...	...	2	2	2	...
Ulcer of Stomach	1	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis	5	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	2	...
Appendicitis and Typhlitis	6	1	5	1	...	1	2	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	3	3	...
Obstruction of Intestines	4	2	2	...	...	...	1	3	...	1	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...
Cirrhosis of Liver	4	4	4	1	1	2	1	1	1	1	1	1	...	
Other Diseases of Liver	
Other Diseases of Digestive System	5	...	5	2	2	1	...	1	1	1	1	1	1	...	1	1	1	1	...	
Nephritis and Bright's Disease	6	2	4	...	1	2	2	1	1	1	1	1	2	1	2	...	
Other Diseases of Urinary System	1	...	1	1	1	
Diseases of Generative System	1	...	1	1	1	1	
Puerperal Fever	1	...	1	1	1	1	...	
Other Accidents and Diseases of Pregnancy and Childbirth	
Premature Birth	8	4	4	8	1	7	7	7	...	
Congenital Debility and Malformation	11	6	5	5	3	3	2	4	2	3	3	3	3	...	
Other Diseases of Early Infancy	2	2	2	2	2	2	2	...
Old Age	302	114	188	4	298	16	260	1	3	1	21	21	21	21	...	
Deaths from Accident	15	11	4	1	1	2	4	2	5	2	5	1	1	1	1	1	1	1	1	1	1	1	...	
Deaths from Suicide	2	1	1	2	1	1	1	1	...
Other Violent Deaths	9	9	9	3	6	2	7	7	7	7	...	
Other defined Diseases	4	3	1	2	1	1	2	1	1	1	1	1	...	
Ill-defined Diseases or unknown	2	2	2	2	2	2	2	2	...
All causes...	860	365	495	36	17	46	75	30	83	139	434	109	338	44	8	3	17	46	29	6	103	3	3	1	19	131		

TABLE VII.

DEATHS in PUBLIC INSTITUTIONS, &c., in the Borough, of Persons belonging to the Borough, 1921.

CAUSES OF DEATH.	Deaths in or belonging to whole District at subjoined Ages.										Institutions.													
	All Ages.	Males.	Females.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Tooting Mental Hospital. Hostel of God.	H.M. Prison.	Swaffield rd. Institution.	Fountain Mental Hosp	S.Lon. Hosp. for Women.	Putney Hospital.	Grove Hospital.	Weir Hospital.	Min. of Pensions Hosp's	Springfield Mental Hosp.	Other Places, not Public Institutions.		
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	11	4	7	...	1	3	5	2	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...
Whooping Cough ...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Diphtheria and Membranous Croup ...	37	16	21	3	1	13	18	1	1	...	...	...	...	...	...	...	...	36	...	...	...	1	...	
Influenza ...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Fever... Other Epidemic Diseases	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Pulmonary Tuberculosis	10	7	3	...	...	...	...	2	3	5	...	5	...	...	...	...	...	...	...	...	...	...	5	...
Tuberculous Meningitis	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases...	1	...	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Other Infective Diseases	2	1	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Cancer, Malignant Disease	15	3	12	...	...	...	...	2	11	2	...	4	...	...	1	3	...	1	...	...	...	...	6	...
Rheumatic Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diabetes ...	2	1	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...
Other General Diseases	4	...	4	...	...	...	...	2	1	1	...	...	...	...	1	...	...	...	...	...	...	...	3	...
Alcoholism ...	2	1	1	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...
Chronic Poisonings ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebral Hæmorrhage, Apoplexy ...	6	3	3	...	...	...	...	...	1	5	...	...	...	...	...	...	...	...	...	...	...	...	6	...
Convulsions...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Nervous System ...	5	3	2	1	...	...	...	3	1	...	...	...	...	...	2	...	...	1	1	...	...	...	1	...
Organic Diseases of Heart ...	19	7	12	...	...	...	...	2	11	6	...	...	...	...	1	2	...	...	1	...	...	1	14	...
Other Diseases of Circulatory System ...	9	2	7	1	...	1	2	...	5	1	...	...	...	...	...	...	...	2	...	...	...	...	6	...
Bronchitis ...	2	1	1	...	...	...	...	...	2	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...
Broncho-Pneumonia ...	3	1	2	2	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...
Lobar Pneumonia ...	3	...	3	...	...	1	1	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...
Pneumonia (type not distinguished) ...	2	1	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Other Diseases of Respiratory System ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ulcer of Stomach ...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Diarrhœa ...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Enteritis ...	7	5	2	7	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	4	...
Appendicitis and Typhlitis ...	5	5	...	...	...	1	1	2	...	1	...	...	...	...	1	...	...	...	1	...	...	...	3	...
Obstruction of Intestines	5	...	5	...	...	1	...	2	1	1	...	...	...	1	...	1	...	...	...	...	...	...	3	...
Cirrhosis of Liver ...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Other Diseases of Liver	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Other Diseases of Digestive System ...	5	3	2	1	...	1	1	1	1	...	...	...	...	...	...	...	...	2	...	...	...	...	3	...
Nephritis and Bright's Disease	3	...	3	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
Other Diseases of Urinary System ...	4	1	3	...	...	...	...	1	1	2	...	...	...	...	1	...	...	2	...	...	...	...	1	...
Diseases of Generative System	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Other Accidents and Diseases of Pregnancy and Childbirth	4	...	4	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...
Premature Birth ...	4	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...
Congenital Debility and Malformation ...	9	6	3	8	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	8	...
Other Diseases of Early Infancy ...	2	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Old Age ...	15	3	12	...	...	...	...	...	15	5	...	3	...	...	1	...	...	...	...	...	...	...	6	...
Deaths from Accident	17	8	9	...	...	7	1	1	2	6	2	...	...	...	1	...	...	...	3	...	...	...	12	...
Deaths from Suicide...	2	2	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Other Violent Deaths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other defined Diseases	2	...	2	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...
Ill-defined Diseases or unknown	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
All causes...	228	96	132	32	5	18	34	13	28	47	51	9	11	1	5	2	6	12	51	19	1	1	110	...

In the next Table the number of deaths in Institutions outside the Borough is given in detail.

TABLE VIII.

DEATHS in PUBLIC INSTITUTIONS, &c., outside the Borough, of Persons belonging to the Borough, 1921.

CAUSES OF DEATH.	Deaths in or belonging to whole District at subjoined Ages.									Deaths in or belonging to Localities (at all ages.)				Institutions.						
	All Ages.	Males.	Females.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	Poor Law Infirmary.	General and Special Hospitals, &c.	Public Lunatic and Imbecile Asylums.	Metropolitan Asylums Board Hospitals.
Enteric Fever ...	5	3	2	...	...	...	...	4	1	...	...	2	2	...	1	1	...	1	3
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	9	3	6	...	...	1	6	4	...	1	...	2	2	...	1	4	...	...	9
Whooping Cough ...	9	6	3	3	4	2	...	...	...	...	2	1	2	1	3	8	...	...	1
Diphtheria and Membranous Croup ...	25	15	10	1	1	3	16	2	2	...	10	2	7	3	3	...	2	...	23	
Influenza ...	11	9	2	...	...	1	...	1	6	2	1	3	...	4	1	3	8	2	1
Erysipelas ...	3	2	1	1	...	...	...	...	1	1	...	...	1	1	1	3	...	...	...
Cerebro-spinal Fever...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	1
Other Epidemic Diseases ...	7	4	3	...	...	...	...	4	2	1	...	1	3	1	2	2	3	1	1
Pulmonary Tuberculosis ...	159	85	74	...	...	...	4	37	83	29	6	32	14	43	24	46	65	75	12
Tuberculous Meningitis ...	18	11	7	1	1	5	5	5	1	...	2	...	4	2	10	8	8	...	2	
Abdominal Tuberculosis ...	4	2	2	...	1	1	...	1	1	1	2	...	1	1	1	1	2	1	...	
Other Tuberculous Diseases...	17	10	7	3	1	...	2	5	4	1	1	3	...	1	3	10	9	7	1	
Other Infective Diseases ...	12	6	6	2	...	1	1	1	3	4	...	2	1	5	...	4	6	5	...	
Cancer, Malignant Disease ...	161	86	75	1	...	...	...	17	88	55	29	18	43	29	42	74	78	9	...
Rheumatic Fever ...	8	6	2	...	1	3	...	1	1	2	1	1	1	3	2	4	4	...	...
Diabetes ...	4	2	2	...	...	...	...	2	1	1	...	...	4	...	2	2	2	...	...
Other General Diseases ...	11	6	5	1	...	3	1	1	3	2	3	1	2	4	1	8	3	...	...
Alcoholism ...	2	2	...	...	...	...	...	2	...	1	...	...	...	...	1	1	1	...	...
Chronic Poisonings ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis ...	7	4	3	1	...	3	...	1	2	...	2	...	1	2	2	4	2	...	1	
Cerebral Hæmorrhage, Apoplexy ...	30	12	18	...	...	...	...	1	11	18	6	5	11	7	1	23	6	1	...
Convulsions...	1	...	1	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...
Other Diseases of Nervous System ...	62	39	23	...	1	...	8	3	17	28	5	9	6	16	7	24	21	20	21	
Organic Diseases of Heart ...	179	73	106	...	...	...	5	16	34	124	40	12	57	21	49	140	31	8	...
Other Diseases of Circulatory System ...	45	20	25	1	...	1	3	2	8	11	19	6	6	16	5	12	27	15	3	
Bronchitis ...	43	19	24	1	...	...	1	2	1	7	31	7	4	12	9	11	34	7	2
Broncho-Pneumonia ...	33	17	16	11	2	1	3	...	5	8	3	5	2	9	6	11	19	14	...	
Lobar Pneumonia ...	9	5	4	...	...	1	...	4	3	1	1	...	4	1	3	6	1	2	...
Pneumonia (type not distinguished) ...	28	18	10	...	...	2	4	10	9	3	6	3	9	5	5	22	4	2	...
Other Diseases of Respiratory System ...	9	5	4	...	...	...	...	5	2	2	...	3	5	...	1	3	3	3	...
Ulcer of Stomach ...	11	7	4	...	...	...	...	1	5	4	1	3	2	4	1	1	3	8	...
Diarrhoea ...	31	17	14	25	5	1	...	...	...	...	3	2	9	7	10	15	16	...	...
Enteritis ...	22	10	12	18	1	1	...	...	1	1	...	5	1	6	1	9	8	14	...
Appendicitis and Typhlitis ...	16	10	6	...	...	...	5	3	4	4	...	2	1	4	3	6	3	13	...
Obstruction of Intestines ...	18	7	11	2	...	...	...	1	8	7	3	4	6	3	2	6	12	...	...
Cirrhosis of Liver ...	5	3	2	...	...	...	...	2	2	1	2	1	2	...	1	4	...	...	...
Other Diseases of Liver ...	7	3	4	...	...	...	...	1	...	4	2	3	1	2	...	1	7	...	...
Other Diseases of Digestive System ...	21	11	10	1	...	...	3	...	9	7	1	4	1	3	4	9	10	10	1
Nephritis and Bright's Disease ...	33	19	14	...	...	...	2	2	6	14	9	3	2	14	4	10	21	9	3
Other Diseases of Urinary System ...	22	20	12	...	...	...	...	1	2	6	13	5	...	8	2	7	9	13	...
Diseases of Generative System Puerperal Fever ...	9	...	9	...	...	...	...	3	5	1	...	2	1	3	3	5	4	...	...
Other Accidents and Diseases of Pregnancy and Childbirth Premature Birth ...	3	...	3	...	...	...	...	1	2	...	2	...	1	...	...	2	1	...	...
Congenital Debility and Malformation ...	15	6	9	15	...	...	...	...	...	...	3	2	6	...	4	8	7	...	...
Other Diseases of Early Infancy ...	33	19	14	32	1	...	...	...	...	...	8	2	7	6	10	15	18	...	...
Old Age ...	5	4	1	5	...	...	...	...	...	...	2	...	2	1	...	1	4	...	...
Deaths from Accident ...	61	24	37	...	...	...	...	...	...	...	61	17	4	15	3	22	48	8	5
Deaths from Suicide...	56	42	14	...	1	1	3	6	11	24	10	10	3	20	6	17	24	32	...	
Other Violent Deaths ...	16	11	5	...	...	...	...	2	2	11	1	4	...	9	1	2	3	13	...
Other defined Diseases ...	1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	1	...	...	...
Other defined Diseases ...	15	6	9	4	...	1	1	3	1	4	1	3	2	4	2	4	10	5	...	
Ill-defined Diseases or unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All causes...	1312	689	623	130	18	22	76	89	247	346	384	257	114	387	183	371	691	495	77	49

The corrected number of deaths, after adding the deaths of persons belonging to the Borough, and subtracting those of persons dying in the Borough and not belonging thereto, was 3,555, 1,719 of males, and 1,836 of females.

The corrected death-rate for the year was 10·83, compared with 10·36 in 1920.

The death-rate for the whole of London for the year was 12·4 per 1,000, compared with 12·4 in 1920.

Table IX. shows the total number of deaths and the death-rates for each sub-district and for the whole Borough, corrected and uncorrected for deaths in Public Institutions.

TABLE IX.

Sub-Districts.	Corrected Deaths.			Uncorrected Deaths.			Corrected Death-rate.
	Males.	Females.	Total.	Males.	Females.	Total.	
Clapham ...	328	324	662	211	280	491	10·83
Putney ...	147	179	326	109	131	240	11·30
Streatham ...	539	619	1158	356	453	809	11·09
Tooting ...	216	194	410	377	409	786	10·05
Wandsworth	489	510	999	342	435	777	10·52
Whole Borough ...	1719	1836	3555	1395	1708	3103	10·83

The death-rate in England and Wales in 1921 was 12·1 per 1,000; in the 96 great Towns 12·3; and in the 148 smaller Towns 11·3.

The rates in all the sub-districts were very slightly higher than in 1920.

Table X. shows the death-rate in the Borough, in the five sub-districts, and in England and Wales for the year, as well as the rates for the previous 10 years, compared with the decennial average.

During the previous decennium the lowest mortality in the Borough, in London, and in England and Wales, was in the year 1920. The rate in 1921 is lower than the average of the previous 10 years, and is the second lowest ever recorded. Compared with London and with England and Wales, the Borough rate is considerably lower.

TABLE X.

	Clap- ham.	Putney.	Streat- ham.	Tooting.	Wands- worth.	Whole Borough	London.	England and Wales.
1911 ...	13·15	11·88	11·02	11·73	13·29	12·25	15·8	14·6
1912 ...	11·64	9·83	9·42	10·20	11·18	10·48	13·96	13·3
1913 ...	10·99	10·69	10·37	10·43	12·77	10·95	14·2	13·7
1914 ...	11·22	10·74	11·35	10·95	11·27	11·20	14·4	13·7
1915 ...	12·53	12·34	11·98	12·01	13·50	12·63	16·1	14·8
1916 ...	12·15	11·66	11·78	11·24	11·87	11·80	14·7	14·4
1917 ...	12·77	12·16	13·07	12·06	12·69	12·69	15·7	14·4
1918 ...	16·06	14·36	15·15	14·42	14·81	15·07	18·9	17·6
1919 ...	12·61	12·10	11·85	9·09	10·58	11·31	13·4	13·8
1920 ...	10·56	10·95	10·09	8·97	10·15	10·36	12·4	12·4
Average, 10 years.	12·36	11·67	11·60	11·11	12·21	11·87	14·95	14·3
1921 ...	10·83	11·30	11·09	10·05	10·52	10·83	12·4	12·1

Table XI. is the general mortality Table for the whole district, corrected for internal and external Institutions, and also includes all deaths of Borough residents occurring in other places in London, and in England and Wales during the year. Table XII. gives certain vital statistics for the whole Borough for the year, and the previous 10 years; and Table XIII. shows the infantile mortality for the year.

TABLE XI.

Causes of, and Ages at Death, during the year 1921.

CAUSES OF DEATH.	Deaths in or belonging to whole District at subjoined ages.									Deaths in or belonging to Localities (at all ages).					Deaths in Public Institutions in the District.		
	All Ages.	Males.	Females.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Clapham.	Putney.	Streatham.		Tooting.	Wandsworth.
Enteric Fever	7	4	3	...	...	...	1	...	5	1	...	...	2	2	...	3	...
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	4	3	1	1	3	...	...	...	...	...	...	2	...	2	...	...	2
Scarlet Fever	20	7	13	...	1	4	11	3	...	1	...	3	4	2	4	7	43
Whooping Cough	28	17	11	15	9	4	...	...	...	...	...	2	3	4	7	12	4
Diphtheria and Membranous Croup	64	32	32	4	2	16	36	3	3	...	...	13	8	25	7	11	95
Influenza	81	40	41	3	3	2	1	4	16	23	29	16	4	36	10	15	10
Erysipelas	5	3	2	1	...	...	...	...	1	2	1	...	...	1	1	3	1
Cerebro-spinal Fever	3	1	2	...	1	1	1	...	...	...	...	...	...	1	1	1	2
Other Epidemic Diseases	10	6	4	...	...	...	...	1	5	2	2	...	1	5	1	3	3
Pulmonary Tuberculosis	351	170	161	...	1	...	4	76	158	79	13	62	31	84	53	101	55
Tuberculous Meningitis	29	16	13	1	2	9	9	7	1	...	...	4	1	6	4	14	1
Abdominal Tuberculosis	8	4	4	2	...	1	2	1	1	1	...	3	...	3	1	1	1
Other Tuberculous Diseases	22	11	11	3	1	...	2	7	5	2	2	4	...	3	4	11	3
Other Infective Diseases... ..	21	10	11	7	...	1	1	2	3	4	3	...	3	7	...	9	5
Cancer, Malignant Disease	412	182	230	1	...	...	1	...	36	192	182	76	39	146	37	114	83
Rheumatic Fever	15	5	10	...	...	1	8	3	2	...	...	1	1	3	2	6	3
Diabetes	29	17	12	...	...	1	...	9	9	10	2	2	2	13	2	10	4
Other General Diseases	37	11	26	1	...	1	2	2	6	11	14	10	2	6	6	13	10
Alcoholism	5	4	1	...	...	...	...	...	2	3	...	1	...	2	...	2	2
Chronic Poisonings ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis	14	6	8	6	2	...	3	...	1	2	...	2	...	2	5	5	3
Cerebral Hæmorrhage, Apoplexy	145	58	87	...	...	...	...	1	3	43	98	28	15	53	18	31	43
Convulsions	15	9	6	12	3	...	...	...	...	...	...	5	3	3	1	3	2
Other Diseases of Nervous System... ..	123	70	43	1	3	1	10	9	25	42	32	23	11	37	14	38	71
Organic Diseases of Heart	415	177	238	...	1	...	2	11	43	104	254	82	36	150	42	105	63
Other Diseases of Circulatory System	143	74	69	4	...	1	5	6	12	35	80	29	20	56	9	29	24
Bronchitis	308	143	165	23	5	1	1	2	7	53	216	58	26	100	37	87	35
Broncho-Pneumonia	108	58	50	39	10	6	5	3	6	17	22	20	7	28	12	41	10
Lobar Pneumonia	50	27	23	...	2	1	2	5	11	21	8	9	4	19	5	13	12
Pneumonia (type not distinguished)	83	47	36	14	4	1	5	5	16	15	23	12	7	29	8	27	14
Other Diseases of Respiratory System	36	18	18	1	...	...	1	...	8	11	15	3	3	15	6	9	5
Ulcer of Stomach	18	11	7	...	...	...	...	1	6	10	1	4	2	8	2	2	2
Diarrhoea... ..	60	35	25	45	11	1	1	...	...	...	2	7	3	15	12	23	2
Enteritis	48	25	23	36	1	2	1	...	1	6	11	3	16	7	11	11	11
Appendicitis and Typhlitis	21	15	6	...	...	2	4	4	6	4	1	4	2	6	3	6	12
Obstruction of Intestines	32	13	19	2	...	...	1	...	5	11	13	5	7	9	5	6	9
Cirrhosis of Liver	17	9	8	...	...	...	...	2	12	3	5	3	5	3	6	1	2
Other Diseases of Liver... ..	12	4	8	...	...	...	1	...	6	5	3	1	3	1	4	1	1
Other Diseases of Digestive System... ..	50	22	28	9	1	1	3	1	11	14	10	9	3	14	6	18	10
Nephritis and Bright's Disease	101	54	47	...	...	...	2	2	9	43	45	13	10	44	9	25	9
Other Diseases of Urinary System... ..	35	25	10	...	...	...	...	1	4	10	20	7	2	12	2	12	4
Diseases of Generative System... ..	12	...	12	...	...	...	...	...	4	5	3	...	2	3	3	4	2
Puerperal Fever	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	2
Other Accidents and Diseases of Pregnancy and Child-birth	10	...	10	...	...	...	...	1	9	...	...	2	1	3	1	3	4
Premature Birth	73	41	32	73	...	...	...	...	...	...	...	16	7	22	8	19	12
Congenital Debility and Malformation	86	53	33	79	3	1	3	...	...	...	...	18	5	24	12	28	20
Other Diseases of Early Infancy	25	16	9	25	...	...	...	...	...	...	...	5	5	5	4	6	4
Old Age	227	72	155	...	...	...	...	...	...	...	227	53	19	73	17	65	316
Deaths from Accident	89	60	29	3	1	2	10	8	12	30	23	13	8	28	12	28	33
Deaths from Suicide	31	21	10	...	...	...	1	4	6	16	4	5	3	14	2	7	4
Other Violent Deaths	2	...	2	1	...	...	...	...	1	...	...	1	...	1	...	...	10
Other Defined Diseases	27	11	16	6	...	1	1	4	2	8	5	6	5	8	2	6	5
Ill-defined Diseases or unknown	7	2	5	...	...	...	...	1	...	2	4	3	...	2	...	2	3
All causes... ..	3555	1719	1836	418	70	61	141	179	464	845	1377	662	326	1158	410	999	1088

TABLE XII.
Vital Statistics of Whole District during 1921 and previous years.

Year.	Corrected Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferred Deaths:		Nett Deaths Belonging to the District.			
		Un-corrected Number.	Nett.		At all Ages.		of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate.			Number.	Rate per 1000 Births registered	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1911 ...	308,156	6,555	6,699	21.73	3,456	11.02	669	989	823	122	3,776	12.25
1912 ...	313,761	6,580	6,756	21.53	3,118	9.78	767	940	516	76	3,291	10.48
1913 ...	321,340	6,679	6,838	20.87	3,344	10.04	822	1,066	605	88	3,588	10.95
1914 ...	326,945	6,690	6,684	20.44	3,332	10.02	824	1,155	589	88	3,664	11.20
1915 ...	331,556	6,210	6,383	19.25	3,949	11.72	1,012	1,252	590	92	4,189	12.67
1916 ...	310,858	6,044	6,246	18.46	3,567	11.47	1,076	1,180	488	78	3,671	11.80
1917 ...	300,787	4,696	4,936	14.72	3,547	11.81	1,067	1,339	440	89	3,819	12.69
1918 ...	292,418	4,453	4,685	14.29	4,202	14.37	1,306	1,511	417	89	4,407	15.07
1919 ...	331,759	5,476	6,317	17.00	3,552	10.42	1,025	1,225	359	66	3,752	11.31
1920 ...	342,808	7,179	7,212	21.03	3,080	8.76	789	1,261	462	64	3,552	10.36
Average for 10 yrs.	318,038	6,056	6,275	18.93	3,514	10.93	935	1,191	528	84	3,769	11.86
1921 ...	328,000	6,039	6,167	18.80	3,103	9.36	860	1,312	418	67	3,555	10.83

TABLE XIII.
Infant Mortality.

1921 Nett Deaths from stated causes at various Ages under 1 Year of Age.

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 1 year.
All Causes—										
Certified	99	21	21	22	163	71	79	51	51	415
Uncertified	2	...	...	...	2	1	...	...	...	3
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...
Measles... ..	...	...	...	...	...	...	...	...	1	1
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..	...	...	...	...	...	2	3	2	8	15
Diphtheria and Croup... ..	...	...	...	1	1	...	...	...	3	4
Erysipelas ... ..	...	...	...	...	...	1	...	...	...	1
Tuberculous Meningitis ... ..	...	...	...	...	...	...	...	...	1	1
Abdominal Tuberculosis ... ..	...	...	...	...	...	...	...	1	...	1
Other Tuberculous Diseases... ..	...	...	...	...	...	...	1	3	...	4
Meningitis (not Tuberculous) ... ..	...	...	...	1	1	2	2	1	...	6
Convulsions... ..	4	2	...	...	6	2	2	1	1	12
Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	...	1	4	5	6	7	1	4	23
Pneumonia (all forms)... ..	...	1	1	...	2	10	12	13	16	53
Diarrhoea ... ..	...	...	...	2	2	12	20	4	7	45
Enteritis ... ..	...	...	...	1	1	9	14	7	5	36
Gastritis ... ..	...	...	...	1	1	2	...	3	1	7
Syphilis	1	...	1	1	3	4	...	...	...	7
Rickets ... ..	...	...	...	...	...	...	...	...	...	...
Suffocation, overlaying... ..	...	...	...	...	...	...	1	1	...	2
Injury at birth	12	1	...	...	13	...	...	...	...	13
Atelectasis	6	1	...	...	7	...	...	...	1	8
Congenital Malformations	5	3	5	1	14	6	1	1	1	23
Premature Birth	52	7	5	6	70	3	...	...	...	73
Atrophy, Debility, and Marasmus	10	6	7	4	27	9	9	6	...	51
Other Causes	11	...	1	...	12	4	7	7	2	32
Totals... ..	101	21	21	22	165	72	79	51	51	418

Nett Births in the year, legitimate, 5,928; illegitimate, 239.

Nett Deaths in the year of legitimate infants, 380; illegitimate infants, 38.

Infantile Mortality.

The following Table shows the number of deaths, the percentage to total deaths, the rate per 1,000 births for the year and for the ten previous years for each sub-district and for the whole Borough, compared with the decennial average.

TABLE XIV.

Sub-District.	No. of Deaths under 1 year.	Percentage to total Deaths.	Rate per 1,000 Births.											
			1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Average 10 years.	1921
Clapham	72	10.9	119	76	82	76	92	70	74	107	65	63	82	66
Putney... ..	38	11.6	145	69	85	87	78	74	83	97	112	69	89	80
Streatham	110	9.5	99	58	74	86	76	66	73	71	58	60	72	61
Tooting	61	14.9	116	100	91	114	104	109	110	99	58	69	97	79
Wandsworth	137	13.7	143	83	103	84	104	92	104	90	68	65	93	71
Whole Borough	418	11.75	122	76	88	88	92	78	89	89	66	64	85	67

The Infantile Mortality among legitimate infants was 64 per 1,000 legitimate births, and among illegitimate infants 159 per 1,000 illegitimate births, or nearly two and a half times as great.

INFECTIVE DISEASES.

The next Table shows the number of deaths from these diseases during the year and for the 10 previous years. The number above or below the corrected decennial average is also shown.

TABLE XVI.

	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1921.	
												No. above corrected average.	No. below corrected average.
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever...	10	11	11	13	22	5	13	3	7	11	20	18.7	...
Diphtheria ...	34	18	18	41	53	55	37	35	41	68	64	22	...
Typhus Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever...	9	8	5	5	6	5	7	5	2	2	7	1.3	...
Cont'd Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerpl. Fever..	8	11	13	9	4	9	6	8	16	14	1	...	9.4
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	10	5	6	11	9	5	6	7	1	9	5	...	1.2
Measles ...	230	51	116	26	152	22	129	45	18	47	4	...	78
Whooping C....	66	57	23	53	66	49	29	58	15	19	28	...	18.5
Influenza ...	24	45	59	58	90	74	56	834	310	99	81	...	95
Diarrhœa ...	350	85	168	186	125	95	78	96	58	62	108	...	31
Tuberculous Diseases	389	366	355	389	434	396	424	455	342	315	390	...	23
Cerebro-spinal Fever	3	1	1	1	20	16	11	8	9	4	3	...	4.9
Other Infective Diseases	21	27	22	32	20	19	21	18	12	22	31	8.2	...
Totals ...	1154	685	797	824	1001	750	817	1572	831	672	742	...	232

The total number of deaths from these diseases was 742, 129 in Clapham, 63 in Putney, 212 in Streatham, 112 in Tooting, and 226 in Wandsworth.

From all infective diseases the death-rate was 2.26 per 1,000 (2.11 in Clapham, 2.18 in Putney, 2.03 in Streatham, 2.88 in Tooting, and 2.38 in Wandsworth).

The rate is higher than in 1920, owing to the increase in the number of deaths from Influenza, Pulmonary Tuberculosis, and Diarrhœa.

The rate in 1914 was 2·21; in 1915, 3·01; in 1916, 2·36; in 1917, 2·71; in 1918, 5·37; in 1919, 2·50; and in 1920, 1·96.

The rate from the principal infective diseases, viz. :—Small-pox, Measles, Scarlet Fever, Whooping Cough, Diphtheria, Enteric Fever, and Diarrhœa, was ·70 per 1,000 (·62 in Clapham, ·79 in Putney, ·63 in Streatham, ·96 in Tooting, and ·70 in Wandsworth), compared with ·74 in 1916, ·94 in 1917, ·82 in 1918, ·42 in 1919, and ·61 in 1920.

The rate for 1921 is higher than in 1920, but slightly lower than the previous five years. The slight increase compared with 1920 is almost wholly due to the increase in the number of deaths from Diarrhœa.

Scarlet Fever.

The total number of deaths was 20, and the death-rate per 1,000 was ·06. The case mortality was 1·00 per cent.

Diphtheria.

The total number of deaths was 64, and the death-rate per 1,000 was ·19. The case mortality was 6·3 per cent.

Enteric Fever.

The number of deaths was seven, the death-rate was ·02 per 1,000, and the case mortality was 21 per cent.

The number of deaths from this disease was higher than in 1920.

Cerebro-Spinal Meningitis.

Three deaths occurred from this disease (one in Streatham, one in Tooting, and one in Wandsworth).

14 deaths were registered as having been caused by Menin-

gitis (two in Clapham, two in Streatham, five in Tooting, and five in Wandsworth). Six of these were of infants under one year, two from two and under five years, and six over five years of age.

As in previous years, inquiries were made from the medical attendant, and in all the cases, with the exception of two that died from Posterior-basis Meningitis, the deaths were stated to have been caused by Simple or Pneumonococcal Meningitis.

Encephalitis Lethargica.

Six deaths occurred (one in Putney, three in Streatham, one in Tooting, and one in Wandsworth). Three of the deaths were of persons from 25 and under 45 years, one from 45 and under 65 years, and two over 65 years.

Malaria.

Two deaths occurred from Malaria; one of these contracted the disease in the Army, in Mesopotamia, and the other, a civilian, in India.

Puerperal Fever.

Only one death occurred from this disease (in Wandsworth), compared with 14 in 1920, and 10·4 the corrected decennial average. The death-rate was ·003 per 1,000, and the case mortality nine per cent.

Erysipelas.

Five deaths occurred from this disease during the year.

Measles.

Only four deaths occurred (two in Clapham, and two in Streatham).

One of the deaths was of an infant under one year of age, and three from one and under two years.

The death-rate per 1,000 of population was ·012, compared with ·17 in 1920.

Whooping Cough.

28 deaths (two in Clapham, three in Putney, four in Streatham, seven in Tooting, and 12 in Wandsworth) occurred during

the year. 15 of these were of infants under one year of age, nine from one and under two years, and four from two and under five years. The death-rate was $\cdot 08$ per 1,000.

Epidemic Influenza.

81 deaths (16 in Clapham, four in Putney, 36 in Streatham, 10 in Tooting, and 15 in Wandsworth) occurred during the year. The death-rate was $\cdot 24$ per 1,000, and the number of deaths represents only 2·3 per cent. of the total mortality from all causes, compared with 2·2 per cent. in 1920, 8·2 per cent. in 1919, and 19 per cent. in 1918.

Diarrhœa.

108 deaths, 60 of males, and 48 of females, occurred from all forms of Diarrhœa and Enteritis during the year. 18 of the deaths occurred in Clapham, six in Putney, 31 in Streatham, 19 in Tooting, and 34 in Wandsworth. There was a slight increase in all the sub-districts, compared with 1920. The number of deaths is 31 below the corrected decennial average.

The death-rate was $\cdot 33$ per 1,000 (in Clapham $\cdot 30$, in Putney $\cdot 21$, in Streatham $\cdot 30$, in Tooting $\cdot 49$, and in Wandsworth $\cdot 35$), compared with $\cdot 18$ in 1920, $\cdot 17$ in 1919, and $\cdot 32$ in 1918.

Of the total number of deaths from Diarrhœa registered, 81, or 75 per cent., were of infants under one year.

The number of deaths from Diarrhœa, Zymotic Enteritis, and Enteritis under one year, represents 19·3 per cent. of the total mortality at that age.

The increased mortality from these diseases was due to the climatic conditions having been very favourable to their development, and it was expected from previous experience, especially in 1911, that there would be a considerable increase. Fortunately this expectation was not realised, and there is no doubt that this was largely due to greater care on the part of mothers who had been taught, both by the Health Visitors and at the Infant Welfare Centres, to regard these diseases as most serious ones.

In 1911 the total number of deaths was 350, while during 1921 the number was 81.

Tuberculous Diseases.

The total number of deaths from diseases of a Tuberculous nature was 390, 201 of males, and 199 of females.

331 of the deaths were due to Pulmonary Tuberculosis, 170 of males, and 161 of females; 29 to Tuberculous disease of the Brain; and 30 to other forms of Tuberculous diseases.

The number of deaths from Pulmonary Tuberculosis and other Tuberculous diseases, and the rates per 1,000 for the whole Borough and for the separate sub-districts, are shown in the next Table.

TABLE XVII.

SUB-DISTRICT.	Pulmonary Tuberculosis.		Other Tuberculous Diseases.		TOTAL.	
	No. of Deaths.	Rate.	No. of Deaths.	Rate.	No. of Deaths.	Rate.
Clapham	62	1·01	11	·18	73	1·19
Putney... ..	31	1·07	1	·03	32	1·10
Streatham	84	·80	12	·11	96	·91
Tooting... ..	53	1·27	9	·23	62	1·60
Wandsworth... ..	101	1·06	26	·28	127	1·35
Whole Borough... ..	331	1·00	59	·18	390	1·18

There has been a decided increase in the rate from Pulmonary Tuberculosis in all the sub-districts, especially in Putney and Tooting, compared with 1920, and also in those two sub-districts compared with the decennial average. I am of opinion that this increase has been due to the frequent recurrence of outbreaks of Influenza, which have had a most deleterious effect on even mild cases of this disease.

It is quite possible that industrial unrest and consequent mental anxiety may also have had a deleterious effect.

In 29 of the deaths the patients had had a recent attack of Influenza, and 46 deaths occurred which were attributed to military service.

The following Table shows the death-rate per 100,000 from Pulmonary Tuberculosis in the whole Borough and for the separate sub-districts for the year, as well as for the preceding 10 years.

TABLE XVIII.

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Average for 10 yrs.	1921
Clapham ...	118	116	93	93	97	105	107	112	87	88	101	101
Putney ...	70	97	55	78	109	99	92	128	105	41	87	107
Streatham ...	85	73	76	71	83	90	102	115	92	69	85	80
Tooting ...	81	87	69	87	123	103	120	171	82	82	100	137
Wandsworth...	88	112	109	122	103	114	129	126	77	79	105	106
Whole borough	91	96	88	93	99	102	112	122	87	75	96	100

Other Infective Diseases.

21 deaths occurred (two in Clapham, three in Putney, seven in Streatham, and nine in Wandsworth).

Seven were under one year of age, one from two and under five years, one from five and under 15 years, two from 15 and under 25 years, three from 25 and under 45 years, four from 45 and under 65 years of age, and three over 65 years.

13 of the deaths were due to Syphilis, five to Septicæmia, one to Streptothorax of Lung, one to Tetanus, and one to Pellagra.

Acute Polio-myelitis.

Two deaths occurred during the year, particulars of these are given on page 72.

NON-INFECTIVE DISEASES.

The next Table shows the number of deaths from these for the year, as well as for the previous decennium for the whole Borough, corrected for External and Internal Institutions.

TABLE XIX.

Deaths from Non-Infective Diseases.

	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	No. above corrected average.	No. below corrected average.
Cancer	321	338	352	393	398	398	407	375	399	403	412	8·8	...
Circulatory Diseases	359	357	411	426	492	504	551	541	601	583	558	42	...
Respiratory ..	531	530	622	519	792	567	664	686	627	545	585	...	65
Premature Birth ...	268	240	234	249	225	235	189	179	192	235	184	...	66
Violence	120	116	115	113	115	114	127	98	111	113	122	...	2
All other Diseases...	1023	1025	1057	1130	1166	1119	1064	956	991	1001	852	...	274
Totals ...	2622	2606	2791	2840	3188	2937	3002	2835	2921	2880	2813	...	249

Cancer.

The total number of deaths from Cancer and other malignant diseases was 412, 182 of males and 230 of females. 76 of these occurred in Clapham, 39 in Putney, 146 in Streatham, 37 in Tooting, and 114 in Wandsworth.

The corrected death-rate was 1·25 per 1,000, and for the sub-districts as follows:—Clapham 1·24, Putney 1·35, Streatham 1·39, Tooting ·95, and Wandsworth 1·20.

One of the deaths occurred under one year, one from five and under 15 years, 36 at 25 and under 45 years, 192 at 45 and under 65 years, and 182 over 65 years.

The number of deaths is nine above last year, and 8·8 above the corrected decennial average.

Diseases of the Brain and Nervous System.

From these diseases 297 deaths occurred, 58 in Clapham, 29 in Putney, 95 in Streatham, 38 in Tooting, and 77 in Wandsworth.

The number of deaths is 39 under last year.

14 of the deaths were due to Meningitis, 145 to Cerebral Hæmorrhage or Apoplexy, 15 to Convulsions, three to Softening of the Brain, 21 to Paralysis, 15 to General Paralysis of the Insane, 10 to Locomotor Ataxy, 11 to Epilepsy, and 63 to other diseases of the Nervous System.

Circulatory Diseases.

From the above group of diseases, 558 deaths occurred, 415 of which, 177 males and 238 females, were due to Organic disease of the Heart.

111 of these deaths occurred in Clapham, 56 in Putney, 206 in Streatham, 51 in Tooting, and 134 in Wandsworth.

334 of the deaths were of persons over 65 years of age.

The number of deaths is 25 less than in 1920, but is 42 above the corrected decennial average.

Respiratory Diseases.

The total number of deaths was 585, 102 in Clapham, 47 in Putney, 191 in Streatham, 68 in Tooting, and 177 in Wandsworth.

308 of the deaths occurred from Bronchitis, 50 from Lobar Pneumonia, 108 from Lobular or Broncho-Pneumonia, 83 from Pneumonia in which the exact form was not distinguished, and 36 from other diseases of the Respiratory Organs.

77 of the deaths were of infants under one year, 21 from one and under two years, nine from two and under five years, 14 from five and under 15 years, 15 from 15 and under 25 years, 41 from 25 and under 45 years, 117 from 45 and under 65 years, and 284 over 65 years.

The number of deaths is 40 above last year, but is 65 under the corrected decennial average.

Deaths from other Causes.

From Appendicitis and Typhlitis 21 deaths, 15 of males and six of females, occurred.

From Alcoholism, Acute and Chronic, five deaths, four male and one female, occurred; and 17, nine of males and eight of females, from Cirrhosis of the Liver.

From Nephritis and Bright's disease 101 deaths occurred, 54 of males and 47 of females.

From Accidents and diseases of Pregnancy and Child Birth 10 deaths occurred. This, added to the number of deaths from Puerperal Fever—viz., one—gives a total of 11 deaths after Child Birth, or a proportion of 1.7 per 1,000 births, compared with 2.9 in 1920.

Diabetes Mellitus was the cause of 29 deaths, 17 of males and 12 of females.

Premature Birth and Developmental Diseases.

184 deaths, 110 of males and 74 of females, were registered as having occurred from these diseases.

73 of the deaths were due to Premature Birth, 86 to Developmental diseases, and 25 from other diseases of Early Infancy. 177 were of infants under one year, three from one and under two years, and four over two years.

The number of deaths is 51 under last year, and 66 below the corrected decennial average.

The number of deaths from these diseases in the Borough is shown more in detail in an earlier part of this Report in Table XIII., which deals with Infant Mortality.

Old Age.

227 deaths, 72 of males and 155 of females, occurred from Old Age, 53 in Clapham, 19 in Putney, 73 in Streatham, 17 in Tooting, and 65 in Wandsworth. All the deaths were of persons over 65 years of age.

Violence.

122 deaths, 81 of males, and 41 of females, occurred from Violence, 89 of the deaths being due to Accidental, and 31 to Suicidal causes, while two deaths were caused by other forms of Violence.

19 of the deaths belonged to Clapham, 11 to Putney, 30 to Streatham, 14 to Tooting, and 35 to Wandsworth.

Inquests.

The next Table shows the number of Inquests held in the Borough during the year, and Table XXI. the number of inquests held outside the Borough of persons belonging thereto.

TABLE XX.

INQUESTS.	SUB-DISTRICTS.					Whole Borough.
	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	
DEATHS FROM NATURAL CAUSES ...	12	18	11	17	26	84
ACCIDENTAL :—						
Falls	1	1	3	7	—	12
Drowning	—	3	1	—	2	6
Knocked down by motor vehicles...	—	2	—	1	3	6
Suffocated by regurgitated food ...	—	—	—	3	1	4
Suffocated in bed with parents ...	—	—	—	—	2	2
Fall from train	—	—	1	—	1	2
Scalds	—	—	—	1	1	2
Fall down area	—	1	—	—	—	1
Fall from bicycle	—	—	—	—	1	1
Fall from pair of steps	—	—	—	—	1	1
Buried by fall of earth	1	—	—	—	—	1
Poisoning by Spirits of Salts ...	1	—	—	—	—	1
Suffocated by turning on face in bed	—	1	—	—	—	1
Suffocated by coal gas	—	—	1	—	—	1
Burns... ..	—	—	1	—	—	1
Crushed by overturned cart... ..	—	—	—	—	1	1
Crushed by coal truck	—	—	—	—	1	1
SUICIDAL :—						
Cut throat	1	—	—	2	2	5
Gunshot wounds	1	—	2	—	—	3
Hanging	—	—	2	—	1	3
Drowning	—	2	—	—	—	2
Fall from window	1	—	—	—	—	1
Poisoning by Carbolic Acid	—	—	1	—	—	1
Poisoning by Oxalic Acid	—	—	—	—	1	1
Poisoning by Spirits of Salts ...	—	—	—	—	1	1
OPEN VERDICTS :—						
Found dead	—	—	—	—	1	1
MURDER.	1	—	—	—	—	1
EXECUTION	—	—	—	—	2	2
Totals	19	28	23	31	48	149

TABLE XXI.

INQUESTS.	SUB-DISTRICTS.					Whole Borough.
	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	
DEATHS FROM NATURAL CAUSES ...	2	3	6	3	7	21
ACCIDENTAL :—						
Knocked down by motor vehicles...	5	—	6	1	5	17
Falls	1	—	3	—	2	6
Drowning	1	—	3	1	—	5
Burns... ..	—	—	1	1	1	3
Scalds	—	—	1	—	1	2
Crushed by lift	—	—	1	—	1	2
Cellulitis following injury	—	—	—	—	2	2
Explosion of petrol tank	—	—	1	—	1	2
Knocked down by train	—	—	1	—	1	2
Fall from train... ..	—	—	1	—	1	2
Fall from scaffold	—	1	—	—	—	1
Fall from window	1	—	—	—	—	1
Fall from bicycle	—	—	1	—	—	1
Fall down flight of steps	—	—	—	—	1	1
Fall from ladder	—	1	—	—	—	1
Thrown from motor cycle pillion	—	—	—	—	1	1
Thrown from horse	—	1	—	—	—	1
Ptomaine poisoning	—	—	—	1	—	1
Crushed by machinery	—	—	—	—	1	1
Disaster to airship	—	—	1	—	—	1
SUICIDAL :—						
Drowning	2	—	1	—	1	4
Hanging	—	—	3	1	—	4
Run over by train	—	—	1	—	1	2
Gunshot wounds	1	—	1	—	—	2
Fall from cliff	—	—	—	1	—	1
Burns	1	—	—	—	—	1
Poisoning by Pyrogallic Acid	—	—	1	—	—	1
Poisoning by Spirits of Salts	—	—	1	—	—	1
Poisoning by Lysol	—	—	1	—	—	1
OPEN VERDICTS :—						
Found drowned	2	1	—	—	—	3
MURDER	—	—	1	—	—	1
Totals	16	7	36	9	27	95

Mortuaries.

The Mortuaries in Clapham, Streatham and Wandsworth have been visited several times during the year, and I am able to report that the Bye-laws and Regulations have been carried out in a satisfactory manner.

In Clapham, eight bodies were removed to the Mortuary, in Streatham 17, and in Wandsworth 156—of which 50 were from Wandsworth, 31 from Putney, 35 from Tooting, 40 from Battersea—a total of 181.

Amount of Poor Law Relief.

The Clerk to the Board of Guardians has kindly given me the following information with reference to the above for the year ended 31st December, 1921 :—

(1) No. of admissions to the Poor Law Institutions...	2,592
(2) No. of medical orders given	1,346
(3) Average No. of persons in receipt of outdoor relief	4,001
(4) Amount of outdoor relief given	£62,147

The total number of deaths in Poor Law Institutions was 707, or 19·9 per cent. of the total deaths. Of these, only five deaths occurred in a Poor Law Institution in the Borough, and 702 outside the Borough.

The extent to which Hospital and other forms of Gratuitous Medical Relief are utilised.

This can at present only be given as far as the number of deaths is concerned, as this Department has no means of ascertaining the number of cases from the Borough treated by such institutions.

The following Table shows the various institutions in which deaths occurred during the year, and the number of deaths in each.

TABLE XXII.

I.—Institutions outside the District receiving sick and infirm persons from the District.		II.—Institutions in the District, the deaths in which have been distributed among the several localities in the District.	
Name of Institution.	No. of Deaths.	Name of Institution.	No. of Deaths.
POOR LAW HOSPITALS AND INFIRMARIES—		OTHER HOSPITALS—(contd.)—	
Wandsworth Union Infirmary	689	National Hospital	2
Banstead Mental Hospital	12	Queen Mary's Hospital	8
Cane Hill Mental Hospital	13	Royal Free Hospital	2
Caterham Mental Hospital	4	Royal Waterloo Hospital	7
Colney Hatch Mental Hospital	5	St. Bartholomew's Hospital	8
Horton Mental Hospital	6	St. Columba's Hospital	4
Kensington Infirmary	4	St. George's Hospital	11
Lambeth Infirmary	5	St. Joseph's Hospice, Hackney	4
Leavesden Mental Hospital	3	St. Mary's Hospital	2
Long Grove Mental Hospital	23	St. Thomas's Hospital	43
Merstham Mental Hospital	2	Special Surgical Hosp., Ham'smith	2
St. Pancras Infirmary	2	Throat Hospital	2
OTHER HOSPITALS—		University College Hospital	5
Belgrave Hospital	23	Victoria Hospital	13
Bolingbroke Hospital	19	West London Hospital	9
Brompton Hospital	11	Westminster Hospital	15
Cancer Hospital	5	Western Hospital	8
Charing Cross Hospital	19	Northern Hospital	3
Chest Hospital, Bethnal Green	2	Joyce Green Hospital	2
Clapham Maternity Hospital	5	Park Hospital	5
Collindale Hospital	8	South Eastern Hospital	5
Evelina Hospital	6	South Western Hospital	24
Grosvenor Hospital	3	OTHER INSTITUTIONS, ETC.—	
Gt. Ormonde Street Hospital	6	Other Institutions	62
Guy's Hospital	11	Other Places not Public Institutions	98
Hampstead General Hospital	3	On Railway	2
Infants' Hospital	10	On Street	6
King's College Hospital	11	River Thames	8
Middlesex Hospital	12	Private Nursing Homes	17
Ministry of Pensions Hosp., Brixton	11		
Mount Vernon Hospital	2		
			1,312
		POOR LAW HOSPITALS AND INFIRMARIES—	
		Springfield Mental Hospital	1
		Swaffield Road Institution	5
		Tooting Bec Mental Hospital	9
		Fountain Mental Hospital	2
		OTHER HOSPITALS—	
		Grove Hospital	1
		H.M. Prison	1
		Hostel of God	11
		Putney Hospital	12
		South London Hospital for Women	6
		Weir Hospital	19
		OTHER INSTITUTIONS, ETC.—	
		Ministry of Pensions Hospital	1
		Other Places not Public Institutions	19
		On Street	17
		River Thames	3
		Nursing Homes	71
			228

SANITARY INSPECTION OF DISTRICT.

During the year 796 inspections have been made by myself and the Assistant Medical Officer of Health, under the Housing Acts and the Public Health Act. In addition 281 inspections were made on account of infectious diseases, 186 of which were to ascertain the present condition of cases of Malaria, Dysentery, and Trench Fever, 90 visits were paid to the Infant Welfare Centres, Crèches, and the Maternity Home, and my attendance was necessary on five occasions at the Police Court.

Nine special inspections were made of the River Wandle, in consequence of complaints as to nuisance arising from its foul condition, and also for preparation of evidence before a Committee of the House of Commons against the Bill of the Croydon Corporation to sink additional wells near the source of the River.

The following report was made to the Council on the matter :—

“ The River Wandle enters the Borough of Wandsworth at Summerstown, close to the Corruganza Works, and forms the boundary between the Borough and the Borough of Wimbledon until it reaches a point opposite the foot of Groton Road. From that point to the River Thames it forms the division between the Southfield and the Springfield and Fairfield Wards.

From the Corruganza Works to the dam erected above the outfall of the sewage from the Wandle Valley Sewerage Board Farm the River is fairly clean, and the bed does not, except at the dam itself, seem to have much deposit.

Below the weir at the foot of Trewint Street the effluent from the Wandle Valley Sewerage Board is discharged into a by-wash, and about 100 yards further down the effluent from the Wimbledon Sewage Farm is also discharged into the same by-wash, eventually passing under the London and South Western Railway, and discharging into the River a few yards lower down.

The pollution at this point is most marked, and offensive gases are given off by the sewage,

The main stream from the weir to the point where the combined effluent enters it is very foul, and should be thoroughly cleansed at once. On the 5th April the River at the weir was found to be 15 inches below its normal level and $3\frac{1}{2}$ inches below the weir. There was about 12 feet of mud exposed on the north bank, and about 8 feet on the south bank.

Steps should be taken to ensure that this part is periodically scoured by the release of the main body of water above the weir.

From this point to Messrs. Pimm's Mills the River is in a very bad condition, due to the excessive amount of sewage in the water and the depositing of sewage sludge.

From these Mills to the River Thames the Wandle has a more rapid flow, and there is not so much obvious pollution.

The effluent from the Wandle Valley Sewerage Board's Farm is at present very foul, and has a distinctive sewage odour for some distance from the point of discharge.

Although there is a coke screen for filtering purposes this makes little or no difference, and quantities of sewage fungus pass into the River. As this Sewage Farm disposes of the sewage of about 60,000 persons, at least 1,200,000 gallons are here discharged into the River daily, and lower down the effluent from the Wimbledon Sewage Farm, which deals with the sewage of another 60,000 persons, or 1,200,000 gallons, also discharge into the River, making a total of 2,400,000 gallons. This latter effluent is at present fairly clean.

When this amount is added to the amount of effluent from the County Borough of Croydon, which enters the River Wandle near Beddington, and which has a population, including Coulsdon and Purley, of about 200,000 persons, and discharges about 4,000,000 gallons of sewage, it makes the total amount of sewage discharged into the River about 6,400,000 gallons daily. This, in my opinion, is a minimum estimate, as I have allowed 20 gallons as the daily amount of water per head of population, instead of 30 gallons, as estimated by Dr. Thresh,

During the twenty-seven years that I have been Medical Officer of Health, I have never seen the River in such a polluted condition, and this condition is at present much accentuated by the lessened volume of water due to the low rainfall during the last two months.

I have also to point out that during the last few years the amount of insect life, chiefly of the gnat species, has largely increased, and the larvæ of these breed in the River and its by-washes. If the true anopheles or mosquito obtains a habitat in this River it is quite possible that an outbreak of malaria would ensue, as there are over 20 cases of malaria in the neighbourhood, these cases having been contracted abroad when serving in the Army, and all are still suffering from malarious attacks.

If the suggested schemes are proceeded with, and if there is a marked reduction of the volume of spring water and a consequent increase in the amount of sewage pollution, I am of opinion it would prove a serious menace to the health of the inhabitants in the vicinity."

7th April, 1921.

The London County Council was carrying out certain works to remove the deposit of mud which was to some extent the cause of the nuisance, but as this work was, in my opinion, proceeding very slowly, I again called the attention of the Public Health Committee to the nuisance.

Further work was carried out by the London County Council, and the bed of the River was cleansed. The River is, however, still in an unsatisfactory condition, and not until the new Wandle Valley Sewerage Scheme is in full operation can much improvement be expected.

The Tables which follow show (1) the total number of houses inspected; (2) the defects or nuisances discovered; (3) number of intimation notices served; (4) number of intimation notices complied with; (5) number of statutory notices served; (6) number of statutory notices complied with,

TABLE XXIII.

Summary of Sanitary Operations in the Borough
during the Year 1921.

	CLAPHAM.		PUTNEY.	STREATHAM		TOOTING.	WANDSWORTH.			WHOLE BOROUGH.
	North Ward.	South Ward.		Streath- ham Ward.	Bal- ham Ward.		South field Ward.	Fair- field Ward.	Sprig- field Ward.	
Number of complaints received and attended to	535	485	531	801	657	1043	516	422	573	5563
Number of houses and premises inspected	3437	2531	2806	4635	3917	4273	2761	2040	3862	30262
Number of houses and premises re-inspected	4212	1778	2100	2356	2999	3144	2824	3736	2384	25533
Number of house-to-house inspections	631	306	142	181	247	220	391	433	140	2691
Number of preliminary notices served	1256	728	732	946	1083	859	1242	1027	1078	8951
Ditto complied with	1037	371	724	1031	1193	928	994	907	1138	8323
Number of statutory notices served	212	57	53	59	198	37	157	78	161	1012
Ditto complied with	148	35	53	42	198	62	152	88	184	962
Notices served for periodical removal of manure	1	...	...	...	1	...	...	...	...	2
Number of rooms disinfected after infective diseases ...	519	455	511	795	775	841	347	468	629	5340
Bedding stoved	246	335	288	429	517	467	269	191	474	3216
Overcrowding abated	4	4	3	...	2	2	7	2	6	30
Rooms cleansed and repaired	1761	1294	831	1355	1812	1309	1595	1550	1284	12791
Staircases cleansed & repaired	275	250	144	385	361	204	337	371	239	2566
Drains cleansed and repaired	70	121	70	83	107	122	80	84	124	861
Drains tested	778	429	331	561	355	245	368	536	412	4015
Drains found defective... ..	65	50	12	16	85	74	34	18	24	378
Traps fixed to drains	10	111	6	18	50	23	2	2	7	229
Bath, lavatory & sink wastes altered to discharge outside over gullies or repaired ...	44	62	59	61	58	49	72	87	100	592
Rain water pipes disconnected from drains ... ..	...	...	17	2	3	...	6	...	42	70
Water closets cleansed and repaired	249	302	181	263	443	160	341	316	348	2603
Water closets, separate supply of water laid on to ...	...	...	...	...	...	1	...	...	...	1
Accumulations of manure, etc. removed	5	24	14	79	53	22	8	7	23	235
Urinals cleansed, repaired or water laid on to	9	2	7	13	4	15	4	3	2	59
Cesspools abolished ... ..	...	...	...	...	1	...	...	...	...	1
Ashpits provided or repaired..	173	111	97	150	193	138	184	139	170	1355
Dust complaints received ...	8	19	61	26	16	6	43	15	15	209
Stables and stables yards drained, paved or cleansed	5	3	2	24	9	29	2	3	15	92
Yards drained, paved or cleansed	82	117	97	62	88	79	154	102	152	933
Unwholesome or dilapidated houses cleansed or repaired	47	45	5	1	2	13	...	94	...	207
Leaky roofs & gutters repaired	263	221	139	243	152	149	205	253	183	1808
Damp courses inserted	40	28	22	46	23	8	66	12	15	260
Damp conditions remedied ...	171	109	54	347	82	100	208	285	117	1473
Houses re-supplied with water	8	9	19	19	11	10	4	7	16	103
Water cisterns cleansed, covered or repaired	13	34	24	49	20	36	34	29	61	300
Animals kept so as to be a nuisance	5	6	9	13	9	20	11	9	21	103
Smoke nuisances reported ...	1	...	1	1	...	...	...	...	...	3
Soil pipes repaired	9	12	24	14	11	9	19	12	10	120
Unclassified nuisances	108	184	121	240	94	90	224	485	238	1784

TABLE XXIV.

DETAILS OF INSPECTIONS AND RE-INSPECTIONS, 1921.

(MALE INSPECTORS).

	Inspections.	Re-Inspections.	Total.
No. of complaints received and attended to	5,549	..	5,549
No. of house-to-house inspections ...	2,691	...	2,691
Drainage and other sanitary works after notice	4,427	24,092	28,519
Drainage and other sanitary works voluntary	530	557	1,087
No. of premises inspected on account of:—			
Notifiable diseases... ..	5,007	...	5,007
Measles... ..	432	...	432
Whooping Cough	713	...	713
Pulmonary Tuberculosis... ..	126	...	126
Other Infective Diseases	743	...	743
Verminous conditions	305	...	305
Periodical Inspections:—			
Houses-let-in-Lodgings	427	19	446
Closed underground rooms ... ..	...	...	...
Common Lodging Houses	12	...	12
Food-places. Work-places. { Factories	303	61	364
{ Workshops... ..	475	103	578
{ Workshops (Domestic)	139	23	162
{ Work-places	138	79	217
{ Outworkers' premises... ..	69	20	89
{ Bakehouses	307	124	431
{ Restaurant kitchens	91	16	107
{ Cowsheds	19	...	19
{ Piggeries	70	1	71
{ Dairies and Milkshops	372	3	375
{ Ice Cream Premises	323	15	338
{ Slaughterhouses... ..	118	3	121
{ Places where food is prepared ...	61	11	72
{ Offensive trades	116	5	121
{ Fried Fish shops	142	5	147
{ Rag and bone stores	33	4	37
{ Butchers' shops	211	2	213
{ Greengrocers' Shops	96	...	96
{ Fishmongers' shops	180	1	181
{ Public House urinals	227	...	227
{ Other sanitary conveniences, schools etc.	73	6	79
{ Smoke observations	15	...	15
{ Unsound food	69	1	70
{ Yards of Mews and Stables	339	25	364
Legal proceedings:—			
(1) Applications and summonses ...	51	...	51
(2) Hearings and adjournments ...	99	...	99
Other... ..	1,207	52	1,259
Totals	26,305	25,228	51,533

TABLE XXV.

DETAILS OF INSPECTIONS AND RE-INSPECTIONS, 1921.

(FEMALE INSPECTORS).

	Inspections.	Re-Inspections.	Total.
No. of complaints received and attended to	14	...	14
No. of premises inspected on account of :—			
Pulmonary Tuberculosis	1,474	150	1624
Other forms of Tuberculosis ...	461	18	479
Dressmakers' and Milliners' premises.	308	7	315
Laundries—			
Factory	120	9	129
Workshop	132	16	148
Workplaces	88	10	98
Other Factories	98	5	103
Other Workshops	136	3	139
Other Workplaces	181	11	192
Domestic Workshops... ..	60	4	64
Outworkers' premises	472	14	486
Other	413	58	471
Totals	3,957	305	4,262

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

TABLE XXVI.

WARDS.	No. of houses inspected	No. of houses in which defects were found.	Percentage of defects to houses inspected	NUMBER OF FAMILIES LIVING IN			
				One room.	Two rooms.	Three rooms.	Four rooms and upwards.
Clapham, North... ..	631	509	80·66	70	223	262	378
Clapham, South	306	274	89·54	14	44	232	232
Putney... ..	142	142	100·00	13	13	113	76
Streatham	181	167	92·26	16	21	210	62
Balham	247	241	97·57	52	83	213	154
Tooting	220	193	87·72	9	17	49	198
Southfield	391	343	87·72	44	37	180	231
Fairfield	433	350	80·83	55	45	124	281
Springfield	140	113	80·71	21	29	66	85
WHOLE BOROUGH ...	2,691	2,332	86·65	294	512	1,449	1,697

The cases of overcrowding were in Rashleigh Street, Clifton Cottages, Clarke's Cottages, St. Alphonsus Road and Midmoor Road, Clapham; Upper Richmond Road, Putney Bridge Road and The Platt, Putney; Laitwood Road, and Zennor Road, Streatham; Fountain Road and Rostella Road, Tooting; Camborne Road, Standen Road, Palmerston Road, Coliston Road, Merton Road, Lavenham Road, Dighton Road, Lower Grove, Wardley Street, Guelph Street, Aldren Road, Algarve Road and Lydden Grove, Wandsworth.

66 notices of reconstruction of drains were sent to the Borough Engineer from this Department: 21 in Clapham, 13 in Putney, 16 in Streatham, two in Tooting, and 14 in Wandsworth.

All house-to-house inspections under the Public Health (London) Act, 1891, are carried out as if these were inspections under Section 17 of the Housing, Town Planning, etc., Act, 1909, and the results recorded on a special card which was drawn up in 1910, and has been in use since that date. This method has been found to work most satisfactorily. Where nuisances are found notices are served under the Public Health Act, and if the premises are reported by the Sanitary Inspector to be in a bad condition, I make a personal inspection in order to determine if the houses are in such a condition as to be unfit for human habitation. During the year 2,691 house-to-house inspections were made by the Sanitary Inspectors, and in 2,332, nuisances were found necessitating the service of sanitary notices.

Of the 62 premises reported in 1919 as unfit for human habitation, two have been closed, and five have been rendered fit for habitation and the closing orders determined.

The total number of houses where the drains were reconstructed during the year was 130; 36 in Clapham, 21 in Putney, 26 in Streatham, five in Tooting, and 42 in Wandsworth.

During the year 4,015 drains of houses were tested by the Sanitary Inspectors, 1,207 in Clapham, 331 in Putney, 906 in Streatham, 245 in Tooting, and 1,316 in Wandsworth, and 378 or 9·4 per cent. were found to be defective. Of the 378 found defective, 115 were in Clapham, 12 in Putney, 101 in Streatham, 74 in Tooting, and 76 in Wandsworth.

A large amount of work has again been carried out to abate nuisances arising from damp conditions. In all, 1,473 premises have been dealt with, 280 in Clapham, 54 in Putney, 429 in Streatham, 100 in Tooting, and 610 in Wandsworth; and in 260 of these, 68 in Clapham, 22 in Putney, 69 in Streatham, eight in Tooting, and 93 in Wandsworth, damp courses have been inserted.

Removal of House Refuse.

During the year no alteration has been made in the system of removal. The whole of the refuse is now collected and disposed of by contract, with the exception of a portion from the Balham, Streatham and Tooting Wards, which is disposed of at the Destructor.

168 statutory notices were served under Section 37 of the Public Health (London) Act, 1891, to provide ash-pits in accordance with the By-laws, and these have been complied with.

Police Court Proceedings.

The list which follows shows particulars of Police Court proceedings under the Public Health (London) Act, 1891.

The total amount of fines inflicted was £37 12s. 6d., and the costs £29 11s. 0d.

TABLE XXVII.

Premises.	Offences.	Result.	Fine.	Costs.
34-40, Deauville Court, Clapham	Nuisances Contravention of By- laws (yard paving) ...	Convicted	100/-	21/-
12, Baldry Gardens, Streatham	Nuisances	Summons withdrawn, the work having been done ...	...	2/-
17, Carmalt Gardens, Putney	Do.	Do. ... ..	...	23/-
28a, Ruvigny Gardens, Putney	Do.	Summons withdrawn, the premises being empty ...	...	...
143a, Fawe Park Road, Wandsworth	Do.	Order made for abate- ment of nuisance ...	...	10/6
" "	Contravention of By- laws (water closets) ...	Convicted	100/-	...
71, Malva Road, Wands- worth	Nuisances	Summons withdrawn, the work having been done ...	...	2/-
34 & 38, Headworth Rd., Wandsworth	Do.	Do. ... ..	...	4/-
29, Headworth Road, Wandsworth	Contravention of By- laws (water closets) ...	Convicted	40/-	...
10c, Treport Street, Wandsworth	Nuisances	Summons withdrawn, the work having been done ...	...	2/-
49, Aslett Street, Wands- worth	Do.	Do. ... ..	...	10/6
8a & 11, Delia Street, Wandsworth	Do.	Do. ... ..	...	14/-
22, Willard Street, Clap- ham	Do.	Do. ... ..	...	28/-
9, Park Court, Clapham	Do.	Summons withdrawn, change of owner ...	...	...
38 & 46, Jew's Row, Wandsworth	Do.	Summons withdrawn, the work having been done ...	...	2/-
28, Spencer Road, Put- ney	Do.	Do. ... ..	...	6/-
11, 13 & 15, College St., Putney	Do.	Do. ... ..	...	21/-
31, Heath Road, Clap- ham	Do.	Do. ... ..	...	42/-
48, Charlwood Road, Putney	Do.	Do. ... ..	...	2/-
4, Ashlone Rd., Putney	Do.	Do. ... ..	...	2/-
28, Peardon Street, Clapham	Do.	Convicted	20/-	4/-
110, Wellfield Road, Streatham	Do.	Summons withdrawn, the work having been done ...	...	2/-
99, Stonhouse Street, Clapham	Do.	Convicted	40/-	21/-
4, Pentlow Street, Putney	Contravention of By- laws (yard paving) ...	Do.	40/-	10/6
24, Union Grove, Clap- ham.	Nuisances	Do.	100/-	...
135, The Grove, Wands- worth	Contravention of By- laws (water closets) ...	Do. ... ..	...	...
	Non-compliance with Rat Order	Withdrawn on payment of costs ... ..	...	21/-
	Nuisances	Summons withdrawn, the work having been done ...	...	2/-
	Do.	Order made for abate- ment of nuisance ...	...	10/6

TABLE XXVII.—(contd.)

Premises.	Offences.	Result.	Fine.	Costs.
118, Fawe Park Road, Wandsworth	Nuisances	Order made for abate- ment of nuisance	...	21/-
	Failure of a medical practitioner to notify case of infectious di- sease	Convicted	40/-	...
247 & 247a, Cavendish Road, Clapham	Nuisances	Order made for abate- ment of nuisance	...	21/-
		Non-compliance with order	40/-	...
340, Balham High Road	Do.	Summons withdrawn, the work having been done	...	...
5, Holderness Road, Balham	Do.	Order made for abate- ment of nuisance	...	10/6
" "	Contravention of By- laws (yard paving) ...	Convicted	40/-	2/-
143, Bedford Hill, Bal- ham	Absence of a water sup- ply	Order made for abate- ment of nuisance	...	10/6
8, Kirkby St., Clapham	Nuisances	Summons adjourned, <i>sine die</i> ... ..	...	42/-
15 & 16, Deauville Court, Clapham	Do.	Summons withdrawn, the work having been done	...	4/-
2, Gaskell St., Clapham	Do.	Order made for abate- ment of nuisance	...	...
" "	Contravention of By- laws (yard paving) ...	Convicted	12/6	...
34, Medfield Street, Roehampton	Nuisances	Order made for abate- ment of nuisance	...	10/6
90, High Street, Clapham	Do.	Convicted	40/-	10/6
" "	Contravention of By- laws (water closets) ...	Do.	40/-	...
11 & 19, Rashleigh St., Clapham	Nuisances	Summons withdrawn, the work having been done	...	63/-
9, Union Road, Clapham	Do.	Do. ... ..	...	2/-
39, Fawe Park Road, Wandsworth	Do.	Summons withdrawn	...	...
94, High Street, Tooting	Exposing unsound meat for sale	Convicted	100/-	42/-
56, Bedford Hill, Bal- ham	Nuisances	Order made for abate- ment of nuisance ...	...	5/-
26, Old Devonshire Rd., Balham	Do.	Ordered to pay costs ...	...	10/6
94, Fernlea Road, Bal- ham	Do.	Order made for abate- ment of nuisance ...	...	10/6
3, Courland Cottages, Clapham	Do.	Do. ... ..	...	10/6
8, Ashlone Rd., Putney	Do.	Adjourned <i>sine die</i> ...	...	...
92 & 102, Fountain P.d., Tooting	Do.	Order made for abate- ment of nuisance ...	...	21/-
45, Cavendish Road, Bal- ham	Do.	Do. ... ..	...	10/6
46, Victoria Road, Clap- ham	Do.	Adjourned <i>sine die</i> ...	...	...
47, Temperley Road, Balham	Do.	Order made for abate- ment of nuisance ...	...	10/6
285, Balham High Road	Do.	Do. ... ..	...	10/6

Underground Rooms.

There are now no rooms, as far as is known, which do not comply with the Regulations made by the Council in 1911.

It was not necessary to take any action, as in former years inspections of these were made and the necessary alterations carried out.

FACTORIES AND WORKSHOPS.

There has been a slight decrease in the total number of inspections of the above, compared with 1920, but an examination of the Tables will show that a very large amount of work has been carried out by both the male and female inspectors. Owing to depression of trade generally the total number of premises has decreased by 136 compared with 1920.

INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

TABLE XXVIII.

CLASS OF WORKS.	Number of Places.					Number of Inspections, 1921.	Number of Notices.		Number of Prosecutions, 1921.		
	On Register at end of 1920.	Added in 1921.	Removed in 1921.	On Register at end of 1921.			Intimation, 1921.	Statutory, 1921.	Under Factory Act.	Under Public Health Act.	
				Premises	Rooms.						
Factories ...	Factory Laundries ...	76	2	3	75	299	146	3	...	...	...
	Factory Bakehouses ...	59	2	...	61	81	148	4	...	...	...
	Other Factories ...	435	33	48	420	1340	450	35	1	...	...
Workshops ..	Workshop Laundries...	71	3	6	68	211	148	11	...	...	...
	Workshop Bakehouses	79	...	7	72	72	283	2	...	...	...
	Other Workshops ...	1211	83	135	1159	1567	1258	65	6	...	1
Workplaces...	Places where Food is prepared for Sale ...	555	34	46	543	594	458	64	1	...	1
	Workplaces other than the above...	440	27	55	412	598	555	15	1	...	...
Home-workers' premises	...	473	91	111	453	453	575	24	1	...	...
Total ...	...	3,399	275	411	3,263	5,215	4,021	223	10	...	2

The three following Tables are inserted by request of the Secretary of State for the guidance of Medical Officers of Health in preparing that part of the Annual Report which relates to factories and workshops.

Factories, Workshops, Laundries, Workplaces and Homework.

TABLE XXIX.

I.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (Including Factory Laundries.)	744	43	...
Workshops (Including Workshop Laundries.)	1,689	84	1
Workplaces... .. (Other than Outworkers' premises included in Part 3 of this Report.)	1,013	81	1
Totals	3,446	208	2

TABLE XXX.

2.—DEFECTS FOUND.

PARTICULARS. (1)	Number of Defects			Number of Prosecutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
NUISANCES UNDER THE PUBLIC HEALTH ACTS :*				
Want of Cleanliness	119	112	...	1
Want of Ventilation	1	1	...	...
Overcrowding	1	1	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances	130	126	...	...
Sanitary accommodation {	insufficient	14	14	...
	unsuitable or defective	43	42	1
	not separate for sexes	1	1	...
OFFENCES UNDER THE FACTORY AND WORKSHOP ACT :—				
Illegal occupation of underground bakehouse (S. 101)	...	...	...	...
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	6	6	...	...
Other offences (Excluding offences relating to out-work, which are included in Part 3 of this Report.)	...	...	...	...
Totals	315	303	...	2

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

The Table which follows and which relates to Home Work, is similar to the one in last year's Report.

TABLE XXXI.

3.—HOME WORK.

NATURE OF WORK.*	OUTWORKERS' LISTS, SECTION 107.							OUTWORK IN UNWHOLE-SOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS, 109, 110.					
	Lists received from Employers.						Notices served on occupiers as to keeping or sending lists.	Prosecutions.			Instances.	Orders made (S. 110).	Prosecutions (SS. 109, 110).			
	Sending twice in the year.			Sending once in the year.				Failing to keep permit inspection of lists.	Failing to send lists.	Instances.				Notices served.	Prosecutions.	
	Lists+	Outworkers+		Lists.	Outworkers.		(8)				(9)	(10)	(11)			(12)
(1)	(2)	Con-tractors.	Work-men.	(5)	Con-tractors.	Work-men.	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wearing Apparel—																
(1) Making, etc. ...	58	69	196	9	4	11	22	...	...	...	24	24	...	22	...	...
(2) Cleaning and washing ...	2	4	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Household Linen
Lace, lace curtains and nets
Curtains and Furniture hangings
Furniture and Upholstery
Electro Plate
File making
Brass and Brass Articles
Fur pulling
Cables and Chains
Anchors and Grapnels
Cart Gear
Locks, Latches and Keys
Umbrellas, etc.
Artificial Flowers
Nets, other than wire nets
Tents
Sacks
Racquet and tennis balls
Paper Bags and Boxes
Brush making
Pea picking
Feather sorting
Carding, etc., of buttons, etc.
Stuffed Toys
Basket making
TOTALS ...	60	73	198	9	4	11	22	...	...	...	24	24	...	22	...	...

The total number of addresses received from other Councils was 484, and 185 addresses were forwarded to other Councils. The number of addresses received has decreased by 135, and the number sent decreased by 49. 40 names and addresses were forwarded to this Borough in error, and are not included in the above Table.

The number of notices sent to employers during the year was 22, and these had a most satisfactory result.

During the year 22 cases of infective diseases, one of German Measles, 10 of Scarlet Fever, five of Diphtheria, four of Measles, one of Pneumonia, and one of Whooping-cough, were notified as having occurred in the homes of outworkers. In none of these cases was it necessary to make any order under Section 110 of the Factory and Workshop Act.

TABLE XXXII.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.		Number
(1)		(2)
Important classes of workshops, such as workshop bakehouses, may be enumerated here.	Workshop Bakehouses	72
	„ Laundries	68
	Dressmakers' and Milliners' Workshops	161
	Bootmakers	95
	Smiths	35
	Builders	51
	Tailors	55
	Motor Engineers	39
	Other	723
	Total number of workshops on Register	1,299

TABLE XXXIII.

5.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories:—	
Failure to affix Abstract of the Factory & Workshop Act (s. 133)	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)	7
	7
Other ... ..	...
Underground Bakehouses (s. 101):—	
Certificates granted during the year ... ..	...
In use at the end of the year	42

Inspection of Sanitary Conveniences.

The number of Sanitary Conveniences inspected was 119, 32 in Clapham, 26 in Putney, 23 in Streatham, 13 in Tooting, and 25 in Wandsworth. 227 inspections were made during the year and 20 notices, chiefly for cleansing, were served and complied with; and 113 inspections of Sanitary Conveniences for females were made by the Female Sanitary Inspectors.

Canal Boats Act.

During the year 11 inspections of Canal Boats were made but it was not necessary to serve any notices, as on inspection the condition of all the boats was found to be satisfactory.

Increase of Rent and Mortgage Interest (Restrictions) Act, 1920.

313 applications for Certificates under the above Act were received during the year. On inspection it was found that 288 of the premises were not reasonably fit for human habitation, and Certificates were granted, and 25 premises were reasonably fit, and Certificates were consequently not granted.

Of the 288 premises where Certificates were granted, 265 were rendered reasonably fit during the year, and the remaining 23 are in hand.

Rats and Mice Destruction.

The officer appointed by the Council to carry out the provisions of the Rats and Mice (Destruction) Act, commenced duty on the 23rd February, and from that date to the end of the year he made 2,463 visits to premises where complaints had been made of rat or mice infestation. 293 of the visits were in Clapham, 533 in Putney, 300 in Streatham, 388 in Tooting, and 949 in Wandsworth, and record was made of the destruction of 3,187 rats, 361 in Clapham, 676 in Putney, 350 in Streatham, 420 in Tooting, and 1,380 in Wandsworth.

During the year 60 drains, 13 in Clapham, eight in Putney, five in Streatham, five in Tooting, and 29 in Wandsworth, were found to be defective after complaint had been made of the presence of rats on the premises.

It was found necessary to serve 11 notices on occupiers of premises which were rat infested, and these notices were complied with, but by far the greater number of occupiers carried out the instructions of the officer with successful results.

Very few cases of mice infestation have been brought to the notice of the Rat Officer.

Schools.

All the elementary Schools in the Borough were inspected as usual, and the sanitary conditions found to be satisfactory.

There is close co-operation between this Department and the London County Council with regard to the prevention of infectious disease at the public elementary Schools. In certain cases during the year where it was observed that the number of cases of infectious diseases was excessive, the attention of the London County Council was at once called to the matter, and the school was inspected by the officials of that Authority, and the result of the inspection reported. In schools which are not under the London County Council, if any cases occur the school is visited and the proprietors are advised as to the proper steps to be taken to prevent the spread of the disease. Disinfection has been carried out during the year for various infectious diseases in 12 public elementary schools and in eight private schools.

FOOD.

Milk Supply.

The milk supplied to this Borough has been, during the year, of fair quality, very few complaints having been made with regard to its wholesomeness or purity. The average fat content shown by the samples analysed was 3.56 per cent., compared with 3.49 in 1919.

So far as could be ascertained there was no shortage of milk supplied to the Borough, the supply being equal to the demand.

There are at present three cowsheds and 240 milk retailers on the Register, and these have been regularly inspected during the year. Particulars of these are given in Table XXXIV.

No action has been taken during the year with regard to tuberculous milk, as the London County Council has dealt with this matter for some years past.

REPORT ON ADMINISTRATION IN CONNECTION WITH
THE PUBLIC HEALTH (MILK AND CREAM)
REGULATIONS, 1912.

Report for the year ended 31st December, 1921.

1. Milk and cream not sold as "Preserved Cream."

	(a) Number of samples examined for the pre- sence of a preservative.	(b) Number in which a preservative was reported to be present.
Milk	950	Nil.
Cream	54	29

Nature of preservative in each case in column (b). CREAM.
29 samples of Cream contained crystallised boric acid.

Nature of preservative in each case in column (b). MILK.
Nil.

Action taken under the Regulations in regard to each case in
column (b).

In three cases proceedings were taken and convictions obtained.
In the remaining cases the vendors were warned, and further
samples were taken and found correct.

2. *Cream sold as Preserved Cream.*

Instances in which samples have been submitted for analysis
to ascertain if the statement on the label as to preservatives
was correct :—

(1) Correct statements made	54
(2) Statements incorrect	29
	—
Total	83
	—

As the percentage of boric acid found in the above men-
tioned samples of preserved cream was only slightly in excess of

·4 per cent., the vendors were warned, and further samples procured, which were found correct.

(b) Determinations made of milk-fat in cream sold as Preserved Cream :—

(1) Above 35 per cent....	...	...	...	83
(2) Below 35 per cent....	...	...	...	—
				—
	Total	...	...	83
				—

(c) and (d). In each of the 83 samples procured as Preserved Cream the provisions as to labelling were duly observed.

(3) Thickening substances ...	...	...	Nil.
(4) Other observations ...	...	...	Nil.

Milk and Food.

The Council decided on the 11th April, 1918, to supply, under the Milk (Mothers and Children) Order, milk free of cost to necessitous expectant and nursing mothers, and to children under five years of age. This scheme came into force on the 1st May, 1918.

In March, 1921, in Circular 185 the Ministry of Health limited the supply of free milk to expectant mothers for two months prior to confinement, to nursing mothers, and to infants and children under three years of age. Between the ages of three and five years milk may be given on a medical certificate.

All applications are investigated, and on the 1st April, 1921, a form of application was adopted, to be filled in by the husband and signed by both husband and wife. Should the income per head, after deducting rent, fall below the scale approved by the Council, as shown in the subjoined table, one pint of milk is supplied daily (or 1 lb. packet of dried milk weekly), to an expectant or nursing mother, and to children under three years of age, no more than two pints of milk daily being allowed in one family. Cases in which the average income was slightly over

the scale and there was need for extra milk, were supplied with milk at half cost.

From July onwards more dried milk has been supplied than fresh milk, the amount being limited to 1 lb. per week for expectant and nursing mothers and children between the ages of 18 months and three years, infants being allowed 1½ lbs. per week. This milk was supplied through Infant Welfare Centres.

During 1921, 1,104 families were supplied with free milk at a cost to the Borough Council of £3,213 14s. 4d.

In five instances dried milk was supplied at half cost.

Number in family.	Scale of income per head of family after deducting rent.	
	For a supply of milk free of cost.	For a supply of milk at half cost.
1	10/-	12/-
2	10/-	12/-
3	9/-	11/-
4	8/6	10/6
5	8/-	10/-
6	7/6	9/6
7 and over	7/-	9/-

The following Table shows the number of families, etc., to whom free milk was granted during the year :—

	Clapham	Putney	Balham	Streatham	Tooting	Southfield	Fairfield	Springfield	BOROUGH.
No. of Families	163	74	191	197	147	114	73	145	1104
.. Expectant mothers	21	6	14	11	23	20	14	8	117
.. Nursing mothers...	22	26	73	61	83	41	29	82	417
.. Infants	136	56	138	130	76	70	41	85	732
.. Children over three years ...	8	5	4	8	5	9	2	4	45

**General Remarks as to Benefits accruing from
Free Milk Supply.**

The Health Visitors report that in many cases the Borough grant of milk has enabled the nursing mother to prolong the period of lactation.

The records kept at the Infant Welfare Centres show good results in the health and general welfare of many infants who otherwise would have been insufficiently nourished.

Some mothers who, in the Health Visitors' opinion, were not carrying out their maternal duties in a satisfactory manner, either through ignorance or carelessness, have been obliged to attend the Centres in order to obtain milk, with it is hoped good results.

Free dinners were also granted to necessitous expectant and nursing mothers, and to children under five years of age on the same scale. The necessity for the supply of free dinners was not found to be very urgent.

17 mothers and six children were so helped during the year, arrangements being made with local eating houses in each district to provide the dinners at a cost of one shilling per head for mothers and sixpence per head for children. This amounted during the year to £33 15s. 6d.

The total number of visits paid respecting the supply of milk and of meals amounted to 775.

Meat.

There are no public abattoirs in the Borough, and the Sanitary Inspectors periodically inspect the slaughterhouses and arrange as far as possible to be there on the days that slaughtering of animals takes place.

121 inspections of the 10 slaughterhouses were made during the year, and 1,539 carcasses were examined by the Inspectors.

Action has been taken with regard to unsound meat, and no carcasses were condemned during the year. By far the greater

proportion of the meat sold in the Borough has been inspected in the Central Markets before being sold to retailers.

	In 1914.	In January, 1921.	In December, 1921.
Licensed slaughterhouses.	13	11	10

Unsound Food.

11 rabbits and 302 lbs. of rabbit; five pigs, 24 $\frac{1}{4}$ lbs. of bacon, 371 lbs. of beef, three chickens, 15 $\frac{3}{4}$ lbs. of butter, 131 boxes margarine, six trunks of whiting, four boxes of skate, five trunks of herrings, one box of plaice, four boxes of cod's roes, seven trunks of haddocks, one box of cat-fish, three boxes of hake, one box of lobsters, 13 boxes of kippers, one bag of whelks, 10 barrels and 45 boxes of apples, 12 boxes of tomatoes, 12 bags of chestnuts, 95 $\frac{1}{2}$ lbs. of cheese, 77 tins of apricots, 22 tins of pineapple, 20 tins of pears, 16 tins of peaches, 65 tins of tomatoes, three tins of apples, 151 tins of condensed milk, three tins of fish paste, one tin of sardines, two tins of crayfish, two tins of salmon and 66 lbs. of corned beef were condemned and the usual certificates granted. Most of the beef, bacon, rabbits, butter and margarine was sent to a fat melter in the Borough to be converted into glycerine.

One instance of exposing unsound meat for sale occurred during the year, and the offender was convicted at the Police Court and a fine of £5, with 42/- costs was inflicted.

Inspection of Milkshops, Cowsheds, etc.

The following Table shows in concise form the number of milk premises, cowsheds, etc., on the register, the number of inspections, and the number of cases of legal proceedings during the year, as well as other information which it has been thought advisable to group together for the purpose of comparison with other Metropolitan Boroughs.

TABLE XXXIV.

PREMISES.	NUMBER OF PLACES				Number of inspections, 1921.	Number of notices, 1921.	Number of prosecutions, 1921.
	On register at end of 1920.	Added in 1921.	Removed in 1921.	On register at end of 1921.			
Milk premises	235	20	15	240	375	14	...
Cowsheds	3	...	...	3	19	...	...
Slaughter-houses ...	11	...	1	10	121	...	...
Other offensive trade premises	3	...	...	3	121	2	...
Ice cream premises ...	313	26	23	316	338	22	...
Registered houses let in lodgings	292	...	...	292	446	*1 ^a *352 ^b	...

^a For overcrowding.^b For other conditions.

Statement of work done under the Sale of Food and Drugs Acts.

During the year 1,954 samples of foods and drugs were submitted to the Public Analyst for analysis. Of these samples 972 were purchased as test or informal samples, while 982 were purchased officially.

Of the 982 official samples submitted for analysis 67, or 6·8 per cent. were reported to be adulterated or not up to standard, and of those samples which were purchased informally or as test samples, 74, or 7·6 per cent., were found adulterated or not up to standard. The total adulterations reported were 142, or 7·2 per cent. of the samples submitted.

The percentage of milk samples found to be adulterated was 5·1.

In 24 out of the 67 cases in which adulterations were detected in the official samples, proceedings were instituted against the vendor, and the total amount received in penalties under the above Acts during the year amounted to £77 10s., and the costs to £35 1s. 6d., making a total of £112 11s. 6d.

The following Table shows the number of formal and informal samples taken in each sub-district of the Borough, together with the number taken per 1,000 of population, the number adulterated, and the percentage adulterated to the formal and informal and to the total samples taken.

TABLE XXXV.

	Informal Samples.			Formal Samples.			Total No. of samples taken.	No. per 1,000 of Population.	No. Adulterated.	Percentage Adulterated.
	No. of samples taken.	No. Adulterated.	Percentage Adulterated.	No. of samples taken.	No. Adulterated.	Percentage Adulterated.				
Clapham ...	178	14	7·8	175	15	8·6	353	5·7	29	8·1
Putney ...	85	5	5·8	109	10	9·1	194	6·7	15	8·0
Streatham ...	299	19	6·3	289	20	7·0	588	5·6	39	6·6
Tooting ...	122	10	8·2	115	12	10·4	237	6·1	22	9·2
Wandsworth ...	288	19	6·6	294	17	6·1	582	6·1	37	6·3
Whole Borough	972	67	6·8	982	74	7·6	1954	5·9	142	7·2

Milk and Cream.

MILK.

950 samples of milk were procured for analysis during the year.

49 or 5·1 per cent. were reported against as being adulterated or not up to legal standard.

935 samples were purchased officially, of which 48 or 5·1 per cent. were adulterated, and 15 samples purchased informally, of which one, or 6·6 per cent., was adulterated.

28 samples were found to contain added water, 16 were deficient in milk fat, and five contained colouring matter.

Proceedings were taken in 17 cases, and in 31 cases the Public Health Committee, after considering the amount of adul-

teration and the circumstances of sale, decided not to prosecute the vendors, but to take further samples.

22 samples of milk were taken on delivery at various Public Institutions situated within the Borough. One sample was reported against.

76 samples of milk were procured whilst in transit from the farmer to the retailer, the samples being taken as the milk arrived at various railway stations within the Borough, both at mid-night and mid-day deliveries. Nine samples were reported against, and in six cases proceedings were taken against the farmers, and convictions obtained.

16 samples of milk were procured during the early morning from wholesale dealers whilst delivering milk to the retailer. These samples were genuine.

13 samples of milk were procured on delivery at private houses. One sample was reported against.

132 samples of milk have been taken on Sundays, either in the early morning or at mid-day. Seven, or 5·3 per cent., were reported against as being adulterated.

420 samples of milk were taken from milk vendors in the street during the early morning (*i.e.*, 5 to 7 a.m.), on week days, and of these 21, or 5 per cent., were reported against.

Butter and Margarine.

BUTTER.

409 samples of butter were submitted for analysis during the year, of which one was reported against.

MARGARINE.

33 samples of margarine were submitted for analysis, five of which were reported against.

OTHER ARTICLES.

A full list of the articles of food and drugs examined under the Sale of Food and Drug Acts, together with the analytical results, is contained in the Report of the Public Analyst.

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

Table XXXVI. shows the cases of infectious diseases notified during the year.

The total number of cases, less tuberculosis, was 4,918, 826 from Clapham, 466 from Putney, 1,313 from Streatham, 775 from Tooting, and 1,538 from Wandsworth—compared with 4,820 in 1920.

The number appears high, but it includes 1,201 cases of whooping cough.

Measles and German measles ceased to be notifiable diseases on 31st December, 1919, and any information as to the incidence of these diseases was obtained chiefly from the London County Council elementary schools.

TABLE XXXVI.

WANDSWORTH DISTRICT. Cases of Infectious Disease notified during the year 1921.

Notifiable Disease.	No. of Cases Notified.								Total Cases Notified in each Locality.					Total cases removed to Hospital.
	At all Ages.	At Ages—Years.							Clapham.	Putney.	Streatham	Tooting.	Wandsworth	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.						
Small-pox	1	...	...	...	...	...	1	...	1	...	...	...	...	1
Diphtheria (including Membranous Croup)	1009	17	184	629	106	66	7	...	183	97	283	191	255	934
Erysipelas	121	2	4	11	13	27	50	14	29	7	26	13	46	20
Scarlet Fever	1978	3	291	1394	182	99	9	...	366	140	511	341	620	1748
Enteric Fever	32	...	1	8	8	11	4	...	6	4	8	...	14	21
Puerperal Fever	11	...	...	...	4	7	...	...	3	1	1	3	3	10
Cerebro-spinal Meningitis	9	2	3	3	...	1	...	...	2	...	1	3	3	8
Polio-Myelitis	7	...	5	2	...	...	...	...	1	1	3	...	2	3
Ophthalmia Neonatorum	54	54	...	...	...	...	...	...	14	3	15	2	20	7
Pulmonary Tuberculosis	490	...	5	28	121	225	101	10	100	45	126	72	147	...
Other forms of Tuberculosis	147	7	25	58	21	29	5	2	34	10	23	24	56	...
Whooping Cough... ..	1201	107	507	575	5	6	1	...	142	167	314	174	404	34
Encephalitis Lethargica	17	...	1	2	3	6	2	3	4	...	7	4	2	13
Acute Influenzal Pneumonia	79	1	1	4	12	19	27	15	17	5	35	4	18	...
Acute Primary Pneumonia	374	27	43	51	42	102	70	39	54	40	103	35	142	...
Malaria	19	...	...	...	2	17	...	...	2	1	4	4	8	...
Dysentery	6	...	...	1	...	5	...	...	2	...	2	1	1	...
Trench Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anthrax ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	5555	220	1070	2766	519	620	277	83	960	521	1462	871	1741	2799

Report of the Medical Officer of Health.

The number of cases of certain infectious diseases notified for the year and for the previous 10 years is shown on the following Table, as also the number above or below the corrected average.

TABLE XXXVII.

	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1920.	
												No. above decennial average.	No. below decennial average.
Scarlet Fever ..	869	833	971	1417	1309	690	566	563	893	1463	1978	954	...
Diphtheria ...	510	431	430	552	723	531	435	487	525	1104	1009	377	...
Enteric Fever ...	63	73	52	48	50	46	47	38	18	24	32	...	17
Puerperal Fever ...	24	27	32	30	11	20	14	16	28	36	11	...	14
Erysipelas ...	202	207	204	234	195	157	103	95	143	173	121	...	62
Cerebro-spinal Meningitis ...	5	3	9	3	47	28	26	21	13	15	9	...	9
Polio-Myelitis ...	5	5	13	3	10	7	5	3	11	...	7	3	...
Ophthalmia Neonatorum ...	34	35	37	51	44	32	29	35	54	60	54	10	...
Pulmonary Tuberculosis ...	514	855	783	706	646	590	622	777	788	634	490	...	249
Other Forms of Tuberculosis ...	...	...	328	199	234	216	193	218	163	156	147	...	81

Compared with 1920 there has been an increase in the number of cases of scarlet fever, enteric fever, and polio-myelitis, and a decrease of pulmonary tuberculosis, other forms of tuberculosis, diphtheria, puerperal fever, erysipelas, cerebro-spinal meningitis, and ophthalmia neonatorum.

Compared with the corrected decennial average there has been an increase in the number of cases of scarlet fever, diphtheria, and ophthalmia neonatorum, and a decrease of enteric fever, erysipelas, cerebro-spinal meningitis, pulmonary tuberculosis, and other forms of tuberculosis.

Small-pox.

One case of small-pox was notified, and all details are given in the following report :—

On 28th December a case of small-pox was notified to me from Clapham, and on enquiry it was found that the case had been for some time in Russia, and at Moscow, where he had been living, his secretary had suffered from some skin eruption which was diagnosed as chicken-pox. No further information as to this case could be obtained.

The patient arrived at Dover by the *s.s. " Stad Antwerpen "* on the 21st December. He left Dover by the 7.40 p.m. train, and arrived at Victoria at 9.34 p.m. He was in a carriage by himself from Dover to London. He travelled by taxi-cab from Victoria, but it was not possible to trace it.

On the 22nd December, his medical man was called in and saw the case every day, but no notification was received by me till the 28th December.

The diagnosis of small-pox was verified by Dr. Wanklyn, of the London County Council, on the 28th, and the case was removed to hospital at 7 p.m. on that day.

The premises were disinfected by the sanitary staff on the 28th December, and the walls of the room stripped on the 29th.

All the inmates of the house were vaccinated or re-vaccinated on the 28th December.

All other known contacts have been visited and advised to be re-vaccinated. Nine of those in contact at his house were re-vaccinated.

The whole of the contacts were kept under supervision for fourteen days.

The Medical Officers of Health of the various districts in which contacts resided were duly informed. I also communicated with the Medical Officer of Health for Dover, as it was possible that some of the railway staff assisted the patient into the carriage at the railway station.

The case recovered, and no further cases occurred.

Scarlet Fever.

This disease was much more prevalent during the year, compared with 1920.

In all 1,978 cases were notified, 366 in Clapham, 140 in Putney, 511 in Streatham, 341 in Tooting, and 620 in Wandsworth, compared with 1,463 in 1920.

The rate per 1,000 of population was 6.03, 5.99 in Clapham, 4.85 in Putney, 4.89 in Streatham, 8.79 in Tooting, and 6.63 in Wandsworth.

The disease was more prevalent in all parts of the Borough, compared with the previous 10 years, but it was much more prevalent in Tooting and Wandsworth.

The disease was of a very mild type, only 20 deaths having occurred, or a case mortality of only 1.01 per cent., which is exceptionally low.

36 cases occurred in institutions in Tooting.

Of the total number of cases, viz.—1,978, 1,748 or 88 per cent., were removed to hospital.

From January to August the number of cases notified was slightly above the average, but in September the numbers increased, and in October, November and December there was a widespread epidemic; 792, or 40 per cent. of the total cases during the year, having been notified in these three months.

This epidemic was general over the whole of London.

From the 25th October to the 1st December, considerable difficulty was experienced in having cases promptly removed to hospital. The more urgent cases were promptly removed, but all cases had to be inquired into to ascertain the accommodation that existed at home, and the general home conditions.

As will be seen in Table XLIII., some schools were more affected than others. The Medical Officers of the London County Council made inspections of 29 schools during the year, and any suspected cases were at once excluded and the names forwarded to me for inquiry.

In Clapham 67 cases occurred at Telferscot Road School and 42 at Cavendish Road; in Putney 44 cases occurred at Hotham Road School; in Streatham 41 cases occurred at Mitcham Lane School, and 35 at Smallwood Road; in Tooting 68 cases occurred at Sellincourt Road School, and 40 at The Ensham; and in Wandsworth the Earlsfield and Waldron Road Schools were chiefly affected, with 71 cases in each.

The number of dwellings in each sub-district and the whole Borough in which multiple cases occurred is shown in the following Table :—

TABLE XXXVIII.

SUB-DISTRICTS.	One case.	Two cases.	Three cases.	Four cases.	Five cases & upwards	Total houses invaded.
Clapham	243	38	9	1	1*	292
Putney	93	11	7	1	...	112
Streatham	382	40	9	3	2	436
Tooting	245	22	6	5	2†	280
Wandsworth ...	449	56	13	1	3	522
Whole Borough ...	1412	167	44	11	8	1642

* In Clapham six cases occurred in an Institution.

† In Tooting 22 cases occurred in one Institution, and 14 in another.

Of the 1,642 houses invaded, multiple cases occurred in 230, or 14 per cent.

Diphtheria.

This disease was very prevalent during the year, especially in January, October, November, and December.

The total number of cases notified was 1,009, 183 in Clap-

ham, 97 in Putney, 283 in Streatham, 191 in Tooting, and 255 in Wandsworth.

The rate per 1,000 of population was 3·1, 3 in Clapham, 4 in Putney, 4·9 in Streatham, 4·9 in Tooting, and 2·6 in Wandsworth.

The number of cases was 94 below the number in 1920, but was 397 above the corrected decennial average.

Of the 1,009 cases, 934, or 92 per cent., were removed to hospital.

No difficulty was experienced in having cases promptly removed to hospital.

With regard to schools the highest number of cases occurred among children attending The Ensham and Brandlehow Road Schools, the next Mitcham Lane, and the third Hotham Road and Waldron Road.

The following schools were visited by the Medical Officers of the London County Council, and swabs taken from the throats of some of the pupils examined. In Clapham, Parochial Infants School; in Putney, Hotham Road School; in Streatham, Broadwater Road, Fircroft Road, Hearnville Road, Mitcham Lane, and Streatham Church of England Schools; in Tooting, The Ensham and Tooting Graveney Schools; and in Wandsworth, Brandlehow Road, Garratt Lane, Earlsfield, The Riversdale, St. Joseph's, Swaffield Road, Waldron Road, The Wandle, and Warple Way Schools.

As a result of this swabbing, 28 cases were found to be positive and 20 suspicious.

All the cases were swabbed again and not readmitted to school till found negative.

Every positive or suspicious case was visited and all necessary precautions taken to prevent the spread of the disease.

The number of dwellings in each sub-district and the whole Borough in which multiple cases occurred is shown in the next Table.

TABLE XXXIX.

SUB-DISTRICTS.	One case.	Two cases.	Three cases.	Four cases.	Five cases and upwards	Total houses invaded
Clapham	122	16	3	1	2*	144
Putney	51	14	3	1	1	70
Streatham	218	21	6	...	1	246
Tooting	116	14	4	...	2†	136
Wandsworth ...	179	17	9	1	2‡	208
Whole Borough ...	686	82	25	3	8	804

* In Clapham 11 cases occurred in an Institution.

† In Tooting 30 cases occurred in an Institution.

‡ In Wandsworth six cases occurred in one house.

Of the 804 houses invaded multiple cases occurred in 118, or 14.6 per cent.

Return Cases of Scarlet Fever and Diphtheria.

60 cases of scarlet fever occurred after the return of cases from the hospitals of the Metropolitan Asylums Board, and there were also eight cases of Diphtheria.

Six of the return cases of scarlet fever occurred in Clapham, five in Putney, 10 in Streatham, nine in Tooting, and 30 in Wandsworth.

One of the return cases of diphtheria occurred in Clapham, two in Putney, four in Streatham, and one in Tooting.

Enteric Fever.

Thirty-two cases of enteric fever were notified during the year, six from Clapham, four from Putney, eight from Streatham, and 14 from Wandsworth.

Five of the cases on admission to hospital were found not to be suffering from enteric fever.

The number of cases is eight above that of last year, but 17 below the corrected decennial average.

Five of the cases were notified as para-typhoid fever, and all these recovered.

Six of the cases contracted the disease abroad, two had partaken of shell-fish, and one of water-cress, about fourteen days previous to the onset of the disease, two contracted the disease outside the Borough from a previous case, and three presumably from a carrier who had the disease in India two years before. In the other eight cases no definite history of infection could be obtained.

Cases of Mistaken Diagnosis.

In 128 cases (42 of scarlet fever, 73 of diphtheria, five of enteric fever, five of cerebro-spinal fever, two of encephalitis lethargica, and one of polio-myelitis), information was received from the Metropolitan Asylums Board's and other hospitals that the patients were not suffering from the disease notified, or any other notifiable disease.

Cerebro-Spinal Meningitis.

During the year nine cases of this disease were notified (two in Clapham, one in Streatham, three in Tooting, and three in Wandsworth). Eight of the cases were removed to hospital.

One case was notified as enteric fever, but was diagnosed in hospital as cerebro-spinal meningitis.

In five cases the diagnosis of cerebro-spinal meningitis was not confirmed in hospital.

The following Table gives particulars of these cases,

TABLE XL.
Cerebro-Spinal Meningitis.

No. of Cases.	Date of notification.	Name and address of patient.	Age.	Sex.	Date of onset.	RESULT OF CASE.		HAS BACTERIOLOGICAL EXAMINATION BEEN UNDERTAKEN			
						Date of death.	Recovery with or without permanent paralysis or other disablement.	Of material from patient?	Result.	Of contacts?	Result.
1	Jan. 1	W. M. C., Worslade Road, Tooting.	5/12	M	Indefinite.	Jan. 14	Posterior Basic Meningitis.	Yes	Diplococci not found.	No.	—
2	Feb. 7	E. F., Milford Street, Clapham.	28	F	Jan. 21	—	Recovery with slight ocular lesion Diagnosed Encephalitis Lethargica in Hospital. Complete recovery.	Yes	Diplococci not found.	No.	—
3	May 1	E. N., Aldis Street, Tooting.	7/12	F	April 28	—	Complete recovery.	No.	—	No.	—
4	May 2	N. C., Smeaton Road, Wandsworth.	6	M	April 28	—	Mistaken diagnosis.— Not C.S.M.	—	—	—	—
5	May 4	E. S., Sellincourt Rd., Tooting.	2	F	April 24	May 10	—	No.	—	No.	—

TABLE XL.—(continued).

No. of Cases.	Date of notification.	Name and address of patient.	Age.	Sex.	Date of onset.	RESULT OF CASE.		HAS BACTERIOLOGICAL EXAMINATION BEEN UNDERTAKEN			
						Date of death.	Recovery with or without permanent paralysis or other disablement.	Of material from patient?	Result.	Of contacts?	Result.
6	May 19	J. P., Kingswood Rd., Clapham.	12	M	May 13	May 22	Acute Suppurative Osteo Myelitis of Clavicle.	—	—	—	—
7	July 19	A. B., York Road, Wandsworth.	7	M	July 13	July 25	Tubercular Meningitis	—	—	—	—
8	Aug. 5	F. M., Balvernie Grove, Wandsworth.	1 10/ 12	M	Aug. 5	—	Mistaken diagnosis.— Not C.S.M.	—	—	—	—
9	Oct. 20	M. B., Cathles Road, Balham.	1	F	Oct. 19	Oct. 20	—	Yes	Diplococci found.	No.	—
10	May 11	M. N., Dawnay Road, Wandsworth.	7	F	May 5	May 12	Originally notified as Enteric Fever Diagnosed C.S.M. in hospital.	No	—	No.	—

Of the two cases notified in 1920 which recovered, both are now in good health.

Encephalitis Lethargica.

17 cases were notified, four in Clapham, seven in Streatham, four in Tooting, and two in Wandsworth. 13 of the cases were removed to hospital.

The following Table gives particulars of the cases.

TABLE XLI.

No. of Cases.	Date of notification.	Name and address of patient.	Age	Sex.	Date of onset.	RESULT OF CASE.					Results of Pathological Examinations if made.	REMARKS.
						Date of death.	Recovery with					
							No after effects.	Ocular Paralysis persisting.	Per- manent Paralysis or Paresis.	Tremors Athe- tosis.			Mental con- dition.
1	Jan. 1	K. F., Downton Avenue, Streatham.	12	M	1920, Oct. 24	—	Yes	—	—	—	—	Cerebro- spinal fluid under pressure. No organisms or cells.
2	Jan. 15	E. D., Laitwood Road, Balham.	29	F	1921, Jan. 8	Jan. 21	—	—	—	—	—	Cerebro- spinal fluid under pressure, but clear.
3	Jan. 22	L. W., Thrale Road, Streatham.	75	F	Jan. 7	—	Yes	—	—	—	—	—
4	Jan. 26	L. P., Elms Road, Clapham.	33	M	Jan. 8	—	Yes	—	—	—	—	Cerebro- spinal fluid consistent with Encephalitis Lethargica.

TABLE XLI.—(continued).

No. of Cases.	Date of notification.	Name and address of patient.	Age.	Sex.	Date of onset.	RESULT OF CASE.					Results of Pathological Examinations if made.	REMARKS.	
						Date of death.	Recovery with						
							No after effects.	Ocular Paralysis persisting.	Per- manent Paralysis or Paresis.	Tremors Athe- tosis.			Mental con- dition.
5	Feb. 2	E. I., Arragon Gdns., Streatham.	37	M	1920, Dec. 12	—	Yes.	—	—	—	—	—	—
6	Feb. 17	S. T., Derinton Road, Tooting.	61	F	Dec. 1	Feb. 28	—	—	—	—	—	—	—
7	Mar. 9	G. H., Sellincourt Rd., Tooting.	38	F	1921, Feb. 1	Mar. 11	—	—	—	—	—	—	Cerebro- Spinal Fluid Lymphocy- tosis. No growth
8	Mar. 12	F. I. Sellincourt Rd., Tooting.	19	F	Indefinite	—	Diag- nosed at hospital as Ton- sillitis.	—	—	—	—	—	—
9	Mar. 20	L. B., Pensbury Ter., Clapham.	19	F	1920, Dec. 26	—	Yes	—	—	—	—	—	—

TABLE XLI.—(continued).

No. of Cases.	Date of notification.	Name and address of patient.	Age.	Sex.	Date of onset.	RESULT OF CASE.					Results of Pathological Examinations if made	REMARKS.	
						Date of death.	Recovery with						
							No after effects.	Ocular Paralysis persisting.	Permanent Paralysis or Paresis.	Tremors. Athetosis.			Mental condition
10	Mar. 31	W. H. W., Letchworth St., Tooting.	18	M	Mar. 22	—	Yes	—	—	—	—	—	
11	Mar. 31	E. J., Christchurch Rd., Streatham.	54	F	Mar. 16	May 6	—	—	—	—	—	C.S. Fluid consistent with Encephalitis Lethargica.	
12	May 6	K. M., Loubet Street, Tooting.	1	F	May 3	May 6 Died of Influenza	—	—	—	—	—	Case of chronic Hydrocephalus.	
13	May 12	E. C., Park Crescent, Clapham.	5	F	April 19	—	Yes	—	—	—	—	—	
14	June 19	L. B., Elmbourne Road, Balham.	76	F	June 12	June 21	—	—	—	—	—	C.S. Fluid under pressure, lymphocytosis, no organisms.	

TABLE XLI.—(continued).

No. of Cases.	Date of Notification.	Name and Address of patient.	Age.	Sex.	Date of onset.	RESULT OF CASE.					Results of Pathological Examinations if made.	Remarks.
						Date of death.	Recovery with					
							No after effects.	Ocular Paralysis persisting.	Permanent Paralysis or Paresis.	Tremors, Athetosis.			Mental condition.
15	June 27	K. D., Southfields Road, Wandsworth.	49	F	May 23	—	Yes	—	—	—	—	—
16	Nov. 28	W. B. M., Dempster-Road, Wandsworth.	66	M	Indefinite	Nov. 19	—	—	—	—	—	—
17	Dec. 7	N. M., Rodenhurst Road, Clapham.	33	F	Dec. 5	—	—	—	—	—	—	Recovering.
18	Feb. 7	E. F., Milford Street, Clapham.	28	F	Jan. 22	—	—	Yes	—	—	—	C.S. Fluid under pressure slightly blood stained.

As will be seen from the Table, six of the cases died from Encephalitis Lethargica, and one from Influenza.

Two of the cases are still under treatment, but recovering, and eight have recovered without any after effects.

Two of the cases were not Encephalitis Lethargica, and one of these died from Influenza, and the other suffered from Tonsillitis.

Of the cases notified in 1920 Nos. 7, 14, 15, and 17 have recovered, Nos. 9 and 12 are improving, and the condition of No. 5 is stationary.

Polio-myelitis and Polio-encephalitis.

Seven cases were notified during the year and two deaths resulted. Three have recovered without paresis or paralysis, one is improving but has still slight paresis, and one was diagnosed at the hospital as Rheumatic Fever.

Of the cases notified in 1919 No. 3 has right arm still paralysed; Nos. 4 and 6 have recovered; No. 7 is recovering slowly; and No. 8 has still dropped foot on right side, but is otherwise well.

TABLE XLII.

Polio-myelitis.

No. of Cases.	Date of notification.	Name and address of patient.	Age.	Sex.	Date of onset.	RESULT OF CASE.		If Lumbar puncture undertaken.	Result.
						Date of death.	Recovery with or without Paralysis or Paresis.		
1	Mar. 25	L. A., Vanderbilt Rd, Wandsworth.	1	F	Mar. 16	Mar. 25	—	—	—
2	April 20	K. S., Arragon Gdns. Streatham.	3	M	April 19	—	Recovery. No paralysis.	—	—
3	April 22	B. J., Parklands Road, Streatham.	10	M	Diagnosed at hospital as Rheumatic Fever	—	—	—	—
4	May 28	E. W., Aslett Street, Wandsworth.	1	F	May 16	—	Recovery. No paralysis.	—	—
5	June 14	R. C. P., Narbonne Ave., Clapham.	4	M	April 21	—	Recovery. No paralysis.	—	—
6	Aug. 22	L. M., Endlesham Rd., Balham.	10	M	Aug. 14	—	Improving. Slight paresis.	—	—
7	Nov. 2	I. S., Quill Lane, Putney.	1	F	Oct. 19	Oct. 31	—	—	—

Erysipelas.

121 cases were notified (29 in Clapham, seven in Putney, 26 in Streatham, 13 in Tooting, and 46 in Wandsworth).

Measles and German Measles.

The notification of these diseases was discontinued at the end of 1919, but 32 cases were notified by doctors during the year, although the greatest number was reported by the Divisional Officers of the Education Department, or by the teachers of the elementary schools.

As will be seen from Table XLIII. only 399 cases were reported from this source, but the number reported is necessarily much under the number of cases that occurred, as there was no report from the numerous private schools in the Borough, and even from the elementary schools there were no reports during the summer vacation. Cases under five years of age are not reported unless the children are in attendance at school, and this is only the case between four and five years.

Fortunately the disease during 1921 was of a comparatively mild type, only four deaths taking place, all of these being under five years of age.

In all 450 cases were reported, seven under one year, 130 from one and under five years, 309 from five and under 15 years, and four over 15 years.

51 cases occurred in Clapham, nine in Putney, 92 in Streatham, 221 in Tooting, and 77 in Wandsworth.

Eleven of the cases were removed to the Metropolitan Asylums Board's hospitals on account of insufficient accommodation at home.

Except in Tooting, there was no epidemic prevalence of this disease during the year, and even in that sub-district the total number of cases was not great.

The number of deaths is the smallest ever recorded.

50 cases of German Measles were also reported (28 in Clapham, eight in Streatham, two in Tooting, and 12 in Wandsworth).

During the year 432 visits were made in cases of these diseases, (77 in Clapham, five in Putney, 87 in Streatham, 208 in Tooting, and 55 in Wandsworth).

The total number of premises disinfected was 238 (32 in Clapham, five in Putney, 57 in Streatham, 99 in Tooting, and 45 in Wandsworth).

Table XLIII. shows the number of cases of infectious diseases notified by teachers of the elementary schools in the Borough.

TABLE XLIII.

SCHOOL.	DISEASES.									
	Scarlet Fever.	Diphtheria.	Measles.	German Measles.	Chicken Pox	Whooping Cough.	Mumps.	Ringworm.	Other Diseases.	TOTALS.
CLAPHAM.										
Aristotle Road... ..	13	2	...	...	...	...	...	...	1	16
Bonneville Road	26	16	2	5	12	31	4	4	49	149
Cavendish Road	42	14	1	...	73	3	...	...	17	150
Cavendish Road Special ...	3	...	...	...	1	1	2	...	...	7
Christchurch	4	1	2	...	16	4	4	...	...	31
Clapham Parochial, Macaulay Road	6	2	...	...	...	...	...	...	...	8
Clapham Parochial, Old Town...	13	5	...	1	...	...	14	...	1	34
Haselrigge Road	13	5	7	5	27	12	5	3	29	106
Larkhall Lane	25	8	...	1	22	18	15	2	54	145
New Park Road	37	11	34	11	6	5	12	2	13	131
New Road	3	...	...	...	...	...	...	...	4	7
St. Andrew's Street	8	2	...	...	...	1	...	...	3	14
St. Mary's, Crescent Lane ...	3	4	...	...	...	...	...	...	1	8
St. Mary's, St. Alphonsus Rd.	2	2	...	...	...	...	...	...	...	4
Stonhouse Street	11	19	3	4	15	3	5	...	38	98
Telferscot Road	67	18	14	...	54	23	1	2	123	302
TOTAL	276	109	63	27	226	101	62	13	333	1210
PUTNEY.										
All Saints'	11	13	1	...	...	5	...	...	2	32
Hotham Road	44	21	...	1	16	79	2	3	73	239
St. Mary's	16	8	...	...	1	2	1	2	...	30
Upper Grade, Walker's Place...	5	2	...	...	...	...	...	...	...	7
TOTAL	76	44	1	1	17	86	3	5	75	308
Carried forward	352	153	64	28	243	187	65	18	408	1518

TABLE XLIII.—(continued).

SCHOOL.	DISEASES.									
	Scarlet Fever.	Diphtheria.	Measles.	German Measles.	Chicken Pox	Whooping Cough.	Mumps.	Ringworm.	Other Diseases.	TOTALS.
Brought forward	352	153	64	28	243	187	65	18	408	1518
STREATHAM.										
Balham High Road	13	2	...	...	23	2	...	2	1	43
Broadwater Road	14	14	3	...	14	21	7	5	12	90
Christchurch	5	1	...	...	9	...	4	...	2	21
Eardley Road	25	18	38	...	40	31	65	2	5	224
Fircroft Road	17	10	6	...	...	5	1	...	...	39
Furzedown Demonstration	5	6	...	...	...	9	1	...	1	22
Hearnville Road	18	16	...	1	3	1	...	...	1	40
Hitherfield Road	3	1	...	...	1	2	...	...	1	8
Holy Trinity, Balham... ..	5	5	...	...	9	1	...	1	3	24
Holy Trinity, Streatham	1	...	...	...	...	...	1	...	...	2
Immanuel	8	4	...	...	4	...	1	...	...	17
Mitcham Lane... ..	41	22	16	1	21	95	129	2	26	353
Nightingale Square R.C.	6	5	...	...	...	...	...	...	3	14
Oldridge Road... ..	29	7	...	...	12	19	5	2	53	127
Smallwood Road	35	14	70	...	7	38	8	4	44	220
St. Andrew's, Colmer Road	4	1	...	...	2	16	19	...	1	43
St. Leonard's	7	6	1	...	1	4	11	11	32	73
St. Mary's	9	3	...	...	16	14	2	...	3	47
Sunnyhill Road... ..	...	2	...	...	3	14	37	...	3	59
TOTAL	245	127	134	2	165	272	291	29	191	1456
TOOTING.										
Ensham... ..	40	27	35	...	9	16	17	5	19	168
Fountain Road... ..	12	4	6	...	9	5	9	2	6	53
Franciscan Road	15	5	...	...	17	38	46	3	4	128
Hillbrook Road... ..	10	10	1	...	32	9	25	...	...	87
Sellincourt Road	68	15	90	...	54	42	35	2	119	425
Tooting Graveney	32	12	6	...	67	13	28	10	61	229
Undine Street R.C.	2	5	...	...	...	...	...	...	...	7
TOTAL	179	78	138	...	188	123	160	22	209	1097
Carried forward	776	358	337	30	596	582	516	69	808	4072

TABLE XLIII.—(continued).

SCHOOL.	DISEASES.									
	Scarlet Fever.	Diphtheria.	Measles.	German Measles.	Chicken Pox	Whooping Cough.	Mumps.	Ringworm.	Other Diseases.	TOTALS.
Brought forward ...	776	358	337	30	596	582	516	69	808	4072
WANDSWORTH.										
Allfarthing Lane ...	5	1	...	...	...	10	...	1	1	18
All Saints' ...	3	1	...	...	2	2	...	...	...	8
Brandlehow Road ...	11	27	1	...	3	14	5	2	16	79
Earlsfield ...	71	12	7	...	79	14	9	7	72	271
Elliott Central ...	4	1	...	...	...	...	...	...	...	5
Eltringham Street ...	26	9	...	...	6	7	1	6	18	73
Frogmore Special ...	6	2	...	...	...	...	...	...	1	9
Garratt Lane ...	14	1	2	...	5	7	4	8	11	52
Garratt Lane Special ...	1	...	...	...	...	...	...	...	...	1
Littleton Street Special ...	1	...	...	...	...	...	1	...	...	2
Magdalen Road ...	11	3	...	...	4	4	...	1	11	34
Merton Road ...	9	3	...	1	3	...	1	5	3	25
Riversdale ...	13	3	1	1	1	15	...	7	...	41
St. Ann's ...	7	5	1	...	...	6	1	3	5	28
St. Faith's ...	7	1	1	...	31	28	8	4	16	96
St. Joseph's ...	1	6	...	...	...	...	...	...	...	7
St. Michael's ...	6	2	1	1	...	3	...	2	...	15
St. Thomas's... ...	1	...	...	...	...	...	...	...	...	1
Southfields ...	20	6	...	3	1	5	1	5	1	42
Swaffield Road... ...	19	14	42	...	30	70	5	15	18	213
Waldron Road... ...	71	21	...	2	5	27	3	9	144	282
Wandle... ...	31	12	5	...	32	22	2	2	29	135
Warple Way ...	27	6	...	...	6	15	2	...	4	60
West Hill ...	8	4	1	...	11	22	10	4	4	64
Total ...	373	140	62	8	219	271	53	81	354	1561
GRAND TOTAL...	1149	498	399	38	815	853	569	150	1162	5633

Whooping Cough.

1,201 cases were notified (142 in Clapham, 167 in Putney, 314 in Streatham, 174 in Tooting, and 404 in Wandsworth). 107 of these were infants under one year of age, 507 from one and under five years, 575 from five and under 15 years, five from 15 and under 25 years, and seven over 25 years.

Thirty-four cases were removed to hospital.

This disease was not so prevalent in the Borough during the year, with the exception of Putney, in which there was an increase in the number of cases notified.

The disease was not very fatal, and there is no doubt that notification and visits paid by the Health Visitors have had a most beneficial effect in reducing the mortality.

Influenzal Pneumonia and Acute Primary Pneumonia.

During the year 79 cases of Influenzal Pneumonia were notified, (17 in Clapham, five in Putney, 35 in Streatham, four in Tooting, and 18 in Wandsworth), compared with 97 in 1920.

One of the cases was under one year, one from one and under five years, four from five and under 15 years, 12 from 15 and under 25 years, 19 from 25 and under 45 years, 27 from 45 and under 65 years, and 15 over 65 years.

374 notifications of cases of Acute Primary Pneumonia were received (54 in Clapham, 40 in Putney, 113 in Streatham, 35 in Tooting, and 142 in Wandsworth), compared with 408 in 1920.

27 of the cases were infants under one year, 43 from one and under five years, 51 from five and under 15 years, 42 from 15 and under 25 years, 102 from 25 and under 45 years, 70 from 45 and under 65 years, and 39 over 65 years.

All the cases were visited, and when requested by the medical attendant or householder the premises, etc., were disinfected by the sanitary staff of the Council.

Malaria.

19 cases were notified (two in Clapham, one in Putney, four in Streatham, four in Tooting, and eight in Wandsworth). All of the cases but two were males.

No case was notified in which the disease was contracted within the Borough.

Of 17 Army cases, seven contracted the disease in Salonica, one in Egypt, three in Mesopotamia, five in India, and one in other parts..

The two females notified contracted the disease in India.

These 19 cases were visited again at the end of the year, and it was found that eight were still suffering, six had removed, four were stated to be well, and in one no information could be obtained.

Every case notified was visited to ascertain that proper treatment was being given, and any cases where the patients were not having proper medical attention were advised to attend a special hospital.

There was no spread of infection among the civil population.

Of the 83 cases notified in previous years, and who were still suffering in 1920, 35 were in 1921 still suffering, nine have removed from the Borough, 38 are stated to be well, and one has died.

Dysentery.

Six cases were notified (two in Clapham, two in Streatham, one in Tooting, and one in Wandsworth).

All the cases were males, and in five the disease was contracted during Army service in the following war areas: one each in France, Germany, East Africa, India, and Mesopotamia.

None of the cases were engaged in the preparation of food or drink for human consumption.

The cases notified in 1921 were again visited at the end of the year, and it was found that two were still suffering, one had removed, one was stated to be well, and in two no information could be obtained.

Of the ten cases notified in previous years, five were still suffering, and five were stated to be well.

Trench Fever.

No case was notified during the year.

Of the three cases notified in previous years, two have recovered and one is still suffering from the effects of the disease.

Bacteriological Aids to Diagnosis.

These have been utilised to large extent during the year, and a statement of the work carried out is given on page 117.

Contacts.

Careful inquiry is made with regard to contacts in every case of infectious disease notified, and the necessary action taken.

221 adults had baths after being in contact with cases of infectious disease.

Arrangements for Isolation.

Of the total number of cases of infectious diseases notified 2,799, or 64 per cent., were removed to the Metropolitan Asylums Board or other isolation hospitals. In all the cases kept at home the isolation was carried out to my satisfaction.

Disinfection.

The total number of rooms disinfected after the occurrence of cases of infectious disease was 5,340 (974 in Clapham, 511 in Putney, 1,570 in Streatham, 841 in Tooting, and 1,444 in Wandsworth).

3,216 lots of bedding were stoved at the Disinfecting Station, comprising the following articles: 1,841 beds, 1,655 bolsters, 4,692 pillows, 2,089 mattresses, 32 palliasses, 3,534 sheets, 2,862 quilts, 813 cushions, 8,194 articles of clothing, 5,920 blankets, 260 carpets, and 3,066 extra articles; a total of 34,958 articles.

Disinfection was also carried out by the Sanitary Staff at premises after non-notifiable diseases, and the sum of £40 9s. 6d. was received for such disinfection.

620 rooms were disinfected with sulphur, in consequence of their verminous condition, and 24 lots of verminous bedding disinfected.

During the year, at the request of the Military Authorities, 2,227 articles of clothing and bedding were disinfected and 12 rooms sprayed on account of having been exposed to infection.

The approximate cost of working and maintaining the Disinfecting Station during the past year, including the cost of disinfectants used in fumigating and cleansing rooms, was £2,928 18s. 0d.

The number of lots of bedding stoved was 3,216.

Cost per lot of bedding £0 18s. 2d.

Carrier Cases.

Very few carrier cases came to the knowledge of the Department during the year under review, but the usual procedure in the case of Diphtheria was to keep the children at home, and periodical swabs were taken until two successive negative results were obtained.

Dysentery Carriers.

In 1919 information was received from the Ministry of Health of ten cases of chronic carriers of *entamoeba histolytica*.

Seven of the cases that were notified in the report for 1920 that had not recovered were visited late in 1921, and it was found that four of these had recovered, one had removed, and two were still suffering.

Notification of Tuberculous Diseases.

The total number of cases of Pulmonary Tuberculosis notified during the year was 490, (100 were from Clapham, 45 from Putney, 126 from Streatham, 72 from Tooting, and 147 from Wandsworth), compared with 634 in 1920, 788 in 1919, 777 in 1918, and 739 the decennial average.

There was a marked reduction in all the sub-districts, especially in Streatham and Wandsworth.

Five of the cases were from one and under five years, 28 from five and under 15 years, 121 from 15 and under 25 years, 225 from 25 and under 45 years, 101 from 45 and under 65 years, and ten over 65 years.

At all the ages there was a decrease compared with the previous year, except from one and under five years, where there was an increase of one, and over 65 years, where the number was the same.

In Table XLIV. is shown the total number of cases notified since 1909, the number of deaths in each year since that date, the total deaths, the number removed from the district as far as could be ascertained, the number who were stated to have recovered, and the total number of cases still on the Register.

TABLE XLIV.

Year	Cases Reported.	Deaths.										Removed.	Recovered.	Cases on Register.	
		1909 to 1912	1913	1914	1915	1916	1917	1918	1919	1920	1921				Total.
1909 to 1912	2047	763	148	80	47	27	14	28	11	...	3	1121	676	114	136
1913	783	...	180	77	41	25	9	5	4	5	3	349	267	37	130
1914	706	...	...	177	88	37	22	13	5	5	4	351	209	26	120
1815	646	...	...	...	199	82	27	20	12	6	5	351	161	20	114
1916	590	...	...	...	...	162	69	38	13	11	9	302	154	19	115
1917	622	...	...	...	...	...	183	79	34	9	6	311	112	13	186
1918	777	...	...	...	...	...	...	199	71	27	20	317	142	21	297
1919	788	...	...	...	...	...	...	...	158	76	34	268	96	19	405
1920	634	...	...	...	...	...	...	...	...	112	83	195	48	7	384
1921	490	...	...	...	...	...	...	...	...	...	170	170	14	1	305
Total	8083	763	328	334	375	333	324	382	308	251	337	3735	1879	277	2192

In Table XLIV. it will be seen that since 1909, 8,083 cases of Pulmonary Tuberculosis have been reported, and since 1912, when Pulmonary Tuberculosis was made compulsorily notifiable, the number of cases was 6,891.

Of these 8,083, 3,735 or 46.2 per cent. died, 1,879 or 23 per cent. have removed from the Borough, 277 or 3.4 per cent. have, as far as could be ascertained, recovered, while 2,192 or 27.1 per cent. remain on the Register.

With regard to the notifications of cases of non-pulmonary Tuberculosis, in all 147 cases were notified (34 from Clapham, 10 from Putney, 23 from Streatham, 24 from Tooting, and 56 from Wandsworth).

Seven of the cases were under one year, 25 from one and under five years, 58 from five and under 15 years, 21 from 15 and under 25 years, 29 from 25 and under 45 years, and seven over 45 years of age.

Table XLV. shows the number of these cases notified classified according to the part of the body affected, as well as the number of deaths in each class.

It will be seen from this Table that by far the most fatal form of Tuberculosis is Tuberculosis of the Brain, of which 23 cases were notified and 23 died.

TABLE XLV.

Localisation of Disease.	Number of cases notified.													No. of deaths.			Removed.	On Register.	
	Total.	Males.	Females.	Under 1 year.	1 and under 5.	5 and under 10.	10 and under 15.	15 and under 20.	20 and under 25.	25 and under 35.	35 and under 45.	45 and under 55.	55 and under 65.	65 and upwards.	Males.	Females.			Total.
Brain	23	12	11	1	11	6	2	2	...	...	1	...	...	...	12	11	23	...	...
Glands, Mediastinal	7	4	3	...	...	2	5	...	...	...	...	...	...	...	...	...	...	...	7
" Mesenteric... ..	14	6	8	1	2	1	2	2	2	1	...	1	1	...	3	5	8	...	6
" Cervical	37	19	18	1	5	19	3	3	1	2	1	...	2	...	...	...	...	3	34
Bones and joints	42	24	18	1	4	9	6	5	4	10	3	...	...	...	3	1	4	1	37
Skin	7	1	6	...	...	1	1	1	...	3	...	...	...	1	...	1	1	1	5
Larynx	4	4	...	...	...	...	...	...	...	1	1	1	...	1	1	...	1	1	2
General Tuberculosis	9	4	5	3	3	...	1	...	1	...	1	...	...	...	4	5	9	...	...
Other parts	4	2	2	...	...	...	...	...	...	1	3	...	...	...	...	...	...	...	4
TOTAL	147	76	71	7	25	38	20	13	8	18	11	2	3	2	23	23	46	6	95

Report of the Medical Officer of Health.

The next Table shows the number of cases notified, the number which died, removed, and recovered from 1913 to 1921, and the number still remaining on the Register at the end of 1921.

TABLE XLVI.

Year.	Cases Notified.	Deaths.									Total.	Removed.	Recovered.	Cases on Register.
		1913	1914	1915	1916	1917	1918	1919	1920	1921				
1913	323	46	10	5	6	...	1	2	...	1	71	107	52	93
1914	198	...	68	5	4	...	1	...	...	1	79	43	24	52
1915	234	...	...	84	7	1	1	2	...	1	96	43	35	60
1916	215	...	...	...	67	5	5	...	...	1	78	47	20	70
1917	193	...	...	...	...	63	4	2	3	1	73	28	15	77
1918	218	...	...	...	...	...	67	6	...	1	74	23	18	103
1919	163	...	...	...	...	...	...	41	5	1	47	16	5	95
1920	156	...	...	...	...	...	...	...	41	6	47	5	5	99
1921	147	...	...	...	...	...	...	...	...	46	46	6	...	95
Total.	1847	46	78	94	84	69	79	53	49	59	611	318	174	744

Table XLVII. is a summary of notifications during the period from the 3rd January, 1921, to the 31st December, 1921.

TABLE XLVII.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from 3rd January, 1921, to 31st December, 1921.

METROPOLITAN BOROUGH OF WANDSWORTH.

AGE PERIODS.	Number of Notifications on Form A.												Number of Notifications on Form B.				Number of Notifications on Form C.					
	Primary Notifications.											Total Notifications on Form A.	Primary Notifications.			Total Notifications on Form B.	Poor Law Institutions.	Sanatoria.				
	Under 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—																						
Females	1	1	4	5	16	32	57	68	53	16	4	257	364	...	3	...	3	3	56	228		
Males ... ..	...	2	6	6	26	39	61	37	17	11	4	209	293	...	...	1	1	1	75	128
Non-Pulmonary—																						
Males	4	14	16	6	4	2	7	7	4	1	1	66	75	2	4	2	8	10	12	6		
Females	2	9	16	14	7	4	11	5	1	2	1	72	80	...	1	...	1	3	4	12		

The total number of visits made was 1,624 in cases of Pulmonary Tuberculosis, 280 in Clapham, 128 in Putney, 431 in Streatham, 269 in Tooting, and 516 in Wandsworth, and 479 in cases of other forms of Tuberculosis, 51 in Clapham, 40 in Putney, 121 in Streatham, 93 in Tooting, and 174 in Wandsworth. In addition to these visits by the Health Visitor, 3,528 visits were made by the Dispensary Nurses, these visits being made by the instruction of the Tuberculosis Officer to cases under his care at the Dispensary.

During the year 15 sputum flasks have been supplied, and in five of the cases visited the patients already had one.

During the year disinfection was carried out at 358 premises either after the death or removal of the patient. 66 of the premises disinfected were in Clapham, 36 in Putney, 100 in Streatham, 51 in Tooting, and 105 in Wandsworth.

TUBERCULOSIS DISPENSARIES.

There have been no changes in the Staff of the Dispensaries during the year.

INSTITUTIONAL TREATMENT.—On July 1st, the responsibility for Institutional Treatment of Insured Persons was transferred from the London Insurance Committee to the London County Council, who were already dealing with uninsured persons and children. Under this arrangement, all applications for treatment in residential institutions are made to the County Medical Officer of Health, whether the person is insured or not, and uniformity of procedure has resulted. The new arrangements include the provision of observation beds for cases of difficulty, where special investigations are required in order to arrive at a correct diagnosis. These beds have proved of considerable help in dealing with cases of this nature.

CO-OPERATION WITH OTHER INSTITUTIONS.—Cases requiring special investigation which can be carried out without admission to Hospital are still referred to St. Thomas's Hospital under the

Scheme in force since 1913. As shown in Table LI., a larger number of cases have been referred to the Hospital under this arrangement than in previous years, and the reports forwarded have been of great value. The Scheme has been extended to include the treatment of Lupus by Finsen Light or X Rays. Arrangements have also been made with the Hospital for Consumption, Brompton, for supplying refills to patients who have been treated by the artificial pneumothorax method.

DENTAL TREATMENT.—The agreement with the British Dentists' Hospital, for providing dental treatment, including the provision of dentures, has been in force throughout the year. 35 patients received dental treatment and 20 of them were supplied with dentures. The attendances at the dentist totalled 132.

EXTRA NOURISHMENT.—On June 22nd, 1921, the Council decided to supply extra nourishment to persons suffering from Tuberculosis, under Section 3 of the Public Health (Prevention and Treatment of Disease) Act, 1913. The maximum amount which can be spent in any one year is £2 per 1,000 population, *i.e.*, £650 for the Borough. The scheme was approved by the Ministry of Health and has been in operation during the last three months of the year. It provides that the nourishment be granted on medical grounds only, and be considered as part of treatment. It is limited to the slighter cases of disease, where there is a reasonable probability that extra nourishment will increase the chances of recovery, or will enable the patient to remain at work, or to return to work at an early date. Ex-service men receiving extra nourishment through the Ministry of Pensions are not eligible. Any articles of diet considered necessary for the particular individual can be ordered, provided the total cost per patient does not exceed ten shillings a week. The financial circumstances of each case are investigated and steps are taken to ensure, as far as possible, that the articles of diet ordered are consumed by the patient. Up to the end of the year 14 patients were granted extra nourishment under the scheme at a cost of £32 8s. 9d.

SHELTERS.—The two shelters have been in continuous use during the year.

DETAILS OF WORK DURING 1921.—Table LXVIII. shows the cases examined for the first time during the year, classified into definite cases of Tuberculosis, suspected cases, and those in which no evidence of the disease was found. Each group has been subdivided by sexes, into insured and non-insured.

TABLE XLVIII.
NEW CASES.

Cases.	Tuberculous.			Suspected Tuberculosis.			Non-Tuberculous.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Insured ...	173	74	247	3	2	5	221	134	355
Not Insured ...	71	84	155	4	3	7	315	471	786
Totals ...	244	158	402	7	5	12	536	605	1141

Table XLIX shows the total of these new cases, and gives the total attendances of all cases made during the year.

TABLE XLIX.

Cases.	Male.	Female.	Total.	Attendances.
Insured	397	210	607	5218
Not Insured	390	558	948	5291
Totals	787	768	1555	10509

Table L. gives the numbers of new cases living in each of the five sub-districts, and shows on whose recommendation they made the first attendance. The number of cases referred to the Dispensaries by Medical Practitioners has increased to 362, compared with 307, 209, 234, and 175 for the four previous years.

TABLE L.

DISTRICT.	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	Outside Borough.	Totals.
Public Health Department	92	30	86	159	217	2	586
London Insurance Committee	1	1	2	4	4	...	12
Private Practitioners	52	17	42	89	161	1	362
Charitable Societies	1	2	2	7	3	..	15
Transfers from other Dispensaries... ..	11	3	4	7	7	...	32
London County Council	14	1	2	16	37	...	70
Existing Dispensary Patients	22	3	15	40	77	3	160
Ministry of Pensions... ..	35	20	29	31	42	1	158
Other Sources	14	5	12	19	109	1	160
Totals	242	82	194	372	657	8	1555

Table LI. gives further details of the year's work and shows how it has increased during the last five years.

TABLE LI.

Return showing detail of other Work connected with the Dispensaries during the last five years.

	1917	1918	1919	1920	1921
Visits by Tuberculosis Officers to Patients' Homes	9	11	51	105	377
Visits by Nurses at Patients' Homes	1482	1668	3158	3528	3433
Number of written Reports made	882	1070	1871	2483	3156
Cases of difficulty referred to St. Thomas's Hospital... ..	10	7	69	67	160
Number of attendances at which complete examinations were made... ..	2032	2215	3308	3179	3896

Table LII. gives particulars with regard to ex-service men examined at the Dispensaries and the visits made to their homes by the Dispensary Nurses.

TABLE LII.

Particulars relating to Discharged Soldiers attending at the Dispensaries.

	New Cases.	Old Cases.	Total Attendances.
Tuberculous	134	267	2,808
Non-Tuberculous	113	31	340
Totals	247	298	3,148

716 visits were made by the Dispensary Nurses in connection with these cases during the year.

CONTACTS.—Of the 1,555 new cases examined, 459 were contacts. Twelve of these were found to be suffering from Tuberculosis and one is a suspected case.

CARE COMMITTEE.—During the year the Care Committee has extended its activities in a new direction and has succeeded in raising funds to maintain a bed for dying cases of Tuberculosis at St. Columba's Hospital, Hampstead. For some time it has been clear that further provision was needed for patients of this class who were too ill to be treated at home, especially owing to the difficulty in arranging for their admission to other institutions.

After the matter had been considered by the Committee, Mrs. Nicol undertook to organise a Japanese Fair in Streatham in order to raise funds. Together with a few of her friends, who went into the matter enthusiastically, she gave a great deal of time to making the necessary arrangements, and the Fair which was held in November proved a great success. Sufficient funds were raised to maintain one bed at the Hospital for two years.

This bed has been in use continuously since June, and arrangements have been made with the Hospital for the temporary use of other beds at times when more than one is needed. Eight

patients have been admitted to the Hospital up to the end of the year, and four of these have died, one was discharged much improved after some weeks' treatment, and three were in the Hospital at the end of the year. All these patients were very grateful for the care and attention given to them while in the Hospital, and this fresh development in the work has undoubtedly proved of great benefit.

Convalescence has been arranged for six patients at Hahne-mann Home, Bournemouth, and part of the maintenance charges has been paid for some of them, while help in paying railway fares is given when necessary.

Between 40 and 50 advanced cases have been visited by members of the Committee in addition to those visited by the Nurses. Medical and other comforts are supplied to them when needed. The Committee have also kept in touch with those Dispensary patients who enter St. James' Hospital, several members visiting them from time to time. These visits are much appreciated by the patients.

Clothing has been supplied to several patients to enable them to go to sanatoria or hospitals.

Suitable employment has been found for several patients. Two girls have been placed in sanatoria as probationers and helped with the supply of their outfit. A man, previously trained by the Committee as a motor driver, is now a chauffeur in private service and doing well.

A vacancy has been found for one patient at Hull After-Care Colony, and the necessary funds for keeping him there were raised by the Committee. The total cost for his treatment there is £2 5s. per week, £1 of which is paid by the Guardians, six shillings by St. Mary's, Putney, Relief Committee, and the balance privately. This man has been there three months and is doing well.

165 cases have been assessed on behalf of the London County Council in connection with their treatment in institutions.

SPUTUM EXAMINATIONS.—The number of sputum examinations made during the year shows a large increase on previous years, 1,054 specimens being examined, compared with 601 in 1920, and 204 in 1919. Of these, 247 or 23·4 per cent. gave a positive result. The increased number is due, mainly, to more frequent examinations of pulmonary cases giving a negative result, a procedure which is very necessary in order to arrive at an accurate opinion of their condition.

CASES OF ALL YEARS COMPARED.—Table LIII. shows the number of new cases and total attendances at each of the Dispensaries for the nine years during which they have been open.

TABLE LIII.

NEW CASES AND TOTAL ATTENDANCES.

Year.	New Cases.			Total Attendances.		
	Wands-worth.	Balham.	Total.	Wands-worth.	Balham.	Total.
1913	707	219	926	4009	1169	5178
1914	664	303	967	4991	2573	7564
1915	430	287	717	3888	2661	6549
1916	628	445	1073	5480	3906	9386
1917	739	476	1215	6992	5576	12568
1918	752	603	1355	9223	7821	17044
1919	994	728	1722	9981	8241	18222
1920	1091	595	1686	7633	5019	12652
1921	1015	540	1555	6554	3955	10509
Totals	7020	4196	11216	58751	40921	99672

CLASSIFICATION OF CASES.—In Table LIV. all patients examined during the nine years have been placed in one or other of three groups :—

- (1). Definite cases of Tuberculosis, divided into those having active disease at any time and those in whom there has not been any evidence of active disease. Each group is further sub-divided, according to the site of the lesion, into pulmonary and non-pulmonary.
- (2). Cases where the disease was suspected, but not definite.
- (3). Cases where there was no evidence of Tuberculosis.

The classification of inactive disease is only made where there is evidence on examination that the disease has been present at some time or other. A suspicious history by itself is not considered sufficient to warrant the diagnosis of even inactive disease. It is comparatively common to find evidence of inactive disease in the lungs in a person who appears to be well, and sometimes it is found in some other part of the body.

When there is active disease in the lungs, in addition to a lesion in some other part of the body, the case is classified as pulmonary.

TABLE LIV.

Year.	Definite Cases of Tuberculosis.				Suspected Cases.	Non-Tuberculous.	Totals.
	Pulmonary.		Non-Pulmonary.				
	Active.	Inactive.	Active.	Inactive.			
1913	227	45	25	9	8	612	926
1914	276	35	28	8	10	610	967
1915	230	47	19	4	6	411	717
1916	226	39	51	11	6	740	1073
1917	289	35	73	4	14	800	1215
1918	365	63	114	13	7	793	1355
1919	371	54	91	10	17	1179	1722
1920	321	43	109	14	14	1185	1686
1921	301	58	36	7	12	1141	1555
Totals	2,606	419	546	80	94	7471	11216

Table LV. gives the condition to date of all cases of Tuberculosis dealt with during the nine years, and shows that, out of a total of 3,651, 1,032 have died and 1,677 are still on the register. Several arrested cases are known to have died from causes other than Tuberculosis, but these are not shown as dead in the table, the number of deaths shown being directly attributable to active Tuberculosis.

TABLE LV.

SHOWING CONDITION TO DATE OF ALL CASES OF TUBERCULOSIS.

Active Tuberculosis	Year.	Removed	Died.	Arrested	Remain- ing on Register.	Totals.
Pulmonary ...	1913-1915	202	332	32	167	733
	1916	51	104	11	60	226
	1917	53	132	5	99	289
	1918	53	141	7	164	365
	1919	53	125		193	371
	1920	29	88		204	321
	1921	12	76		213	301
	Total	453	998	55	1100	2606
Non-Pulmonary...	1913 to 1921	59	34	50	276	419
Inactive Tuberculosis						
Pulmonary ...	1913 to 1921	116		148	282	546
Non-Pulmonary...	1913 to 1921	10		51	19	80
	Total	126		199	301	626
Grand Totals ...		638	1032	304	1677	3651

PULMONARY TUBERCULOSIS—RESULTS.—In Table LVI. the cases of one year are not comparable with those of another year, as each group has been under treatment for a different period. In order to estimate the results of treatment it is advisable to take the condition of each patient after he has been under treatment for a definite period which must be the same for each. In this way the cases of one year can be grouped with those of other years and fairly large figures are obtained, from which it is possible to draw certain conclusions.

For this purpose a period of three years has been chosen, and each patient has been classified according to his condition in the 36th month after he first attended for examination. A patient examined for the first time in March, 1914, has been classified according to his condition in March, 1917, irrespective of what has happened to him since; one first examined in December, 1918, according to his condition in December, 1921.

During the six years 1913 to 1918, 1,613 cases of active pulmonary Tuberculosis were examined at both Dispensaries and classified as such. Each of these patients has been dealt with in the manner described, and the results are shown in Table LVI. Of the 1,613 cases, 313 cannot be traced, leaving a nett total of 1,300, the condition of whom was known at the end of the three year period. The number known to be dead is shown in the fourth column and the case mortality, *i.e.*, the percentage of deaths to nett cases, is shown in the last column. The results in one group can be contrasted with those in another group by comparing the case mortality.

The figures show that 50 per cent. of all cases of active pulmonary Tuberculosis have died within three years of first coming under treatment, and that the results in females are slightly better than in males. There is a marked difference between the sputum positive and sputum negative cases, the mortality in positive cases being nearly four times that in negative ones. The group "no record of sputum," consists mainly of very bad cases, frequently seen only once, where no opportunity of examining the

sputum occurred. Most of them would be positive if this had been done.

The mortality in patients who have had sanatorium treatment is slightly lower than those who have not, but not more than can be accounted for by the selection which is exercised in determining whether the case is suitable for that form of treatment. The worst cases are not sent to a sanatorium. The mortality for those who have received tuberculin treatment is smaller than for all cases, but as the total figures are much smaller, the error is larger.

TABLE LVI.

1913-1918 CASES AFTER THREE YEARS' TREATMENT.

	Total Cases.	Un-traced.	Net Cases.	Dead.	Case Mortality.
ALL CASES.	1613	313	1300	649	Percent 49.9
MALES	874	181	693	372	53.7
FEMALES	739	132	607	277	45.6
Sputum Positive	889	155	734	445	60.6
Sputum Negative	494	111	383	61	16.0
No Record of Sputum... ..	230	47	183	143	78.1
Received Sanatorium Treatment	627	119	508	243	47.8
Not Treated in Sanatorium	986	194	792	406	51.2
Treated with Tuberculin	219	34	185	83	44.9

SUSPECTED TUBERCULOSIS.—Table LVII. shows the condition to date of the 94 suspected cases examined during the nine years.

TABLE LVII.

Results to Date.	Re-moved.	Died	Ad-vanced.	Station-ary.	Im-proved.	Re-covered	Totals
Suspected Tuberculosis	21	3	4	42	15	9	94
Vaccine Treatment.							
Pulmonary Tuberculosis	1	2	3	3	2	1	12
Non-Tubercular	—	3	1	5	15	6	30
Totals	1	5	4	8	17	7	42

VACCINE TREATMENT.—Since 1913, 42 cases have been treated with autogenous vaccines prepared separately for each one, and the results of this form of treatment are shown in Table LVII. 12 were cases of pulmonary Tuberculosis, while 30 were suffering from conditions allied to Tuberculosis, such as asthma and bronchitis. The results with this latter class were good, 15 having improved and six completely recovered.

Small-pox.

No vaccination or re-vaccination was performed by the Medical Officer of Health under the Public Health (Small-pox) Regulations during the year.

Vaccination.

Table LVIII. is taken from the official returns of the Vaccination Officers to the Board of Guardians for the year 1920. It shows the number of children successfully vaccinated for the whole Borough, as well as for the separate sub-districts. Streatham, Balham and Tooting are included under the heading of Streatham.

TABLE LVIII.

SUB-DISTRICTS.	Number of Births returned from 1st January to 31st December, 1920.	Successfully Vaccinated.	Insusceptible of Vaccination.	Had Smallpox.	Dead, Unvaccinated.	Certificates of Conscientious objection.	Postponed by Medical Certificate.	Removed to District, Vaccination Officer of which has been duly apprised.	Removed to places unknown, or which cannot be traced; and cases not having been found.	Remaining on Books as Unvaccinated.
Clapham...	1247	624	3	...	69	393	19	27	101	11
Putney ...	456	327	1	...	24	85	4	8	4	3
Streatham	3316	1324	8	...	107	1186	46	146	259	240
Wandsw'th	2194	1241	5	...	114	580	27	45	159	23
TOTALS ...	7213	3516	17	...	314	2244	96	226	523	277

The percentage of children vaccinated to total births was only 48·7, 50 in Clapham, 71·5 in Putney, 40 in Streatham, etc., and 51 in Wandsworth.

Scabies.

The names of 164 school children, 32 from Clapham, eight from Putney, 27 from Streatham, 34 from Tooting, and 63 from Wandsworth, who were suffering from scabies, were forwarded to me by the medical officer to the London County Council, and the homes were visited by the sanitary inspector. These children were being treated at the London County Council cleansing stations. In 41 cases where consent was obtained, disinfection of the bedding and clothing of the patient was carried out by the disinfecting staff.

In addition to the above 47 other cases in adults were reported to me. These cases were treated at the baths at the Council's disinfecting station with sulphurated potash baths, and in every case the disease was cured. The average number of baths given per case was three.

MATERNITY AND CHILD WELFARE.

I.—Work of Health Visitors

The duties of the Health Visitors are the same as reported last year, with the addition of visits with regard to non-payment of fees in connection with the Borough Maternity Home.

Of the total number of births, viz., 6,167, 4,760 or 77·18 per cent. were visited, compared with 72·2 per cent. in 1920.

The following table summarises the work of the Health Visitors during the year in the various wards of the Borough.

TABLE LIX.

Year ended December 31st, 1921.	Clapham.		Putney.	Streatham.		Tooting.	Wandsworth.			Borough.
	N.	S.		B.	S.		So.	F.	Sp.	
Births—										
Visits	510	388	299	714	589	718	543	294	70	4760
Re-Visits	623	556	456	1319	378	271	572	425	27	4878
Children, 1—2 years—										
Visits ... ..	...	...	7	61	63	25	1	8	14	179
Re-Visits	210	162	124	123	103	66	124	91	88	1091
Children, 2—5 years—										
Visits ... ..	...	...	10	18	41	45	19	6	12	151
Re-Visits	84	47	194	111	112	155	118	87	125	1033
Ante-natal visits	46	32	23	76	94	89	41	44	46	491
Puerperal fever—										
Visits	3	6	3	2	4	4	1	1	5	29
Re-Visits ... ..	...	1	...	...	3	2	...	2	1	9
Ophthalmia neonatorum—										
Visits	15	10	5	15	7	1	6	12	9	80
Re-Visits	7	4	7	18	4	2	4	18	5	69
Pneumonia—										
Visits	3	3	5	3	4	5	8	5	22	58
Re-Visits	1	...	2	...	3	...	...	...	4	10
Enteritis—										
Visits ... ..	...	...	6	1	3	18	1	...	12	41
Re-Visits ... ..	...	...	...	...	1	2	...	...	...	3
Measles—										
Visits	2	10	3	14	42	31	2	4	18	126
Re-Visits ... ..	...	...	1	2	4	5	...	...	6	18
Whooping-cough—										
Visits	26	34	61	24	66	74	30	39	113	467
Re-Visits ... ..	...	...	15	4	10	2	2	9	12	54
Investigation of death of infants	47	26	44	66	34	64	37	17	50	385
Attendance at Infant Welfare Centres... ..	106	...	57	104	92	98	57	33	79	626
Attendance at Ante-natal Centres	16	...	...	30	36	27	23	...	36	168
Committee meetings	7	...	26	17	19	19	35	15	11	149
Visits re supply of milk and food	47	15	67	148	282	46	52	39	79	775
Visits re dental treatment	1	1	4	1	12	2	1	...	...	22
Visits to creches ... ..	...	...	52	39	...	42	...	36	...	169
Health talks to mothers... ..	24	...	20	19	21	32	12	4	6	138
Miscellaneous visits	53	17	43	151	78	54	82	71	42	591
Ineffectual visits	292	217	399	687	165	231	476	322	230	3019
Total	2123	1529	1933	3767	2270	2130	2247	1582	2008	19589
Nuisances reported to Medical Officer of Health	44	43	2	32	4	51	61	47	37	321

Infant Visiting.

The total number of visits and re-visits was 9,638, of which 4,760 were first visits, compared with 5,211 in the previous year. The re-visits numbered 4,878 as against 3,618.

At the first visit 3,799 were entirely breast-fed, 393 were breast-fed supplemented by artificial feeding, and the remainder were entirely bottle fed.

On re-visiting 2,110 were found to be entirely breast-fed, 847 were breast-fed supplemented by artificial feeding, and the remainder were otherwise fed.

162 of the infants visited died during the year (21 in Clapham, 13 in Putney, 19 in Balham, 15 in Streatham, 26 in Tooting, 31 in Wandsworth I., and 37 in Wandsworth II.) As shown by the table, the highest mortality occurred during the first five months of life, four died under one month, and 91 died before reaching the age of six months.

163 of the infants visited were prematurely born, and 131 were delicate from birth, 92 twin births were visited, of whom five died.

With regard to the employment of midwives, 1,860 mothers had employed their services, 775 infants were born in hospital, maternity homes and other institutions, and two unregistered women were employed.

In 2,123 births doctors have been in attendance.

179 children between the ages of one and two years were visited and 1,091 were re-visited. 151 children between the ages of two and five years were visited, and 1,033 were re-visited.

The small number of first visits to children between the ages of one to two, and two to five years, is due to the fact that most of them had been already visited as infants. The 179 children under two years of age, and 151 between the ages of two to five years were children who had been born elsewhere, and so not previously known and visited.

The ante-natal work has developed during the last year owing to the Welfare Centres having ante-natal sessions apart from the Infant Clinics. The visits totalled 491 as against 206 in 1920.

The sanitary defects found in the houses during visits to the mothers were all dealt with in the usual way. Cases in which defects were found were referred to me by the Health Visitors, and, in addition, 44 intimation notices were served by the two Health Visitors, who are also Sanitary Inspectors.

TABLE LX.

	Clapham, North.	Clapham, South.	Putney.	Balham.	Streatham.	Tooting.	Southfield.	Fairfield.	Springfield.	Borough.
Infants visited	510	388	299	714	589	718	543	294	705	4760
Breast-fed	425	302	220	563	473	473	564	443	556	3799
Otherwise fed	85	86	79	151	116	154	100	41	149	961
Infants re-visited	623	556	456	1319	378	271	572	425	278	4878
Breast-fed	280	233	141	600	203	120	240	184	109	2110
Otherwise fed	343	323	315	719	175	151	332	241	169	2768

TABLE LXI.

DEATHS OF INFANTS VISITED.

	Under 1 mo.	Under 2 mos.	Under 3 mos.	Under 4 mos.	Under 5 mos.	Under 6 mos.	Under 7 mos.	Under 8 mos.	Under 9 mos.	Under 10 mos.	Under 11 mos.	Under 12 mos.	TOTAL.
Clapham, North	1	...	1	2	1	3	1	1	...	1	2	...	13
Clapham, South	5	1	...	...	...	...	1	...	...	1	8
Putney	3	...	1	...	4	1	1	2	...	1	13
Balham	3	1	3	4	1	1	2	1	1	...	19
Streatham	1	1	1	4	1	1	1	3	...	1	15
Tooting	1	3	5	2	6	2	1	1	...	3	26
Southfield	1	2	6	2	...	2	...	...	...	2	17
Fairfield	2	3	1	1	...	2	1	...	1	1	14
Springfield	1	3	6	7	3	1	3	4	4	1	37
Borough	4	11	24	21	19	16	13	9	11	9	10	15	162

Midwives.

The supervision of midwives is under the control of the London County Council, but there is full co-operation between the midwives and the Health Visitors. There are 32 midwives practising in the Borough, of whom eight reside in neighbouring districts.

Nurses.

Arrangements have been made with various nursing associations in the Borough to attend cases of ophthalmia neonatorum, measles, whooping-cough, diarrhoea, and pneumonia following influenza, measles or whooping-cough, when and as requested by the Medical Officer of Health at a fee of 1/3 per visit. 2,635 such visits were paid during the year.

Clapham is served by the South London District Nursing Association; Putney and Roehampton by the nurses appointed by the Parochial Nursing Associations; and Streatham, Tooting, Wandsworth, and Balham, by Ranyard Nurses, of whom there are 13 working in the Borough. The northern district of Streatham is served by the Brixton Nursing Association.

Consultation and Treatment Centres.

As no treatment is given at the various Infant Welfare Centres, children are sent to suitable hospitals or to private doctors. The principal diseases found were affections of the eyes, ears, throat or skin, advanced cases of rickets and the like.

Maternity Homes.

There are 34 private maternity homes in the Borough, eight of which are carried on by practising midwives.

Wandsworth Borough Memorial Maternity Home.

During the year 341 births occurred in the Borough Memorial Maternity Home, and the following table, copy of which was forwarded to the Ministry of Health early in the current year, shows in detail these cases, the deaths of infants and mothers, the various complications that occurred and the number of times it was necessary for the Matron to call in medical assistance, either for the mother or child.

It is most satisfactory that only two deaths of mothers occurred, one of which was due to advanced cardiac disease and the other to severe post-partum hæmorrhage.

10 deaths of infants took place, eight of these being stillbirths.

One Cæsarian section was performed with satisfactory result both to mother and infant.

I have visited the Home on many occasions and am able to report that the whole of the work there has been carried out most satisfactorily.

1. Total number of cases admitted	...	...	341
2. Average duration of stay	...	...	...16 days
3. No. of cases delivered by midwives	...	...	304
4. No. of cases delivered by doctors (including 8 who engaged a doctor)	...	...	37
5. No. of cases in which Medical assistance was sought	...	...	90

Nature of complications for which Medical assistance was sought :—

ANTE-NATAL.		DURING LABOUR.	
Contracted pelvis	... .. 1	Prolonged labour	... .. 18
Placenta Prævia	... .. 2	Uterine inertia	... .. 3
Induction of labour	... .. 3	Adherent Placenta	... .. 3
Cæsarian section	... .. 1		—
Eclampsia	... .. 1		24
Abnormal presentations	3		
	—		
	11		
AFTER LABOUR.		FOR INFANT.	
Post Partum Hæmorrhage	... .. 1	Injury to infant	... .. 1
Internal Lacerations	... .. 1	Infantile debility	... .. 7
Ruptured Perineums	... 29	Watery discharge from eyes	... .. 6
General Debility	... .. 2		—
Rise of Temperature	... .. 5		14
Sub-Involution	... .. 3		
	—		
	41		

6.	No. of cases notified Puerperal Sepsis	2
	(Diagnosis not confirmed in either case).	
7.	No. of cases in which temperature rose above 100·4 for 24 hours	5
8.	No. of cases notified Ophthalmia Neonatorum	2
	(Both cases recovered).	
9.	No. of cases of inflammation of the eye, however slight	4
10.	No. of infants not entirely breast-fed while in Insti- tution. Cause: Insufficient breast milk	8
11.	No. of Maternal deaths	2
	Causes: 1 Heart failure. 2 Collapse following A.P.H. and P.P.H.	
12.	No. of Foetal deaths	10
	(a) Still-births 8—No P.M. (Placenta Prævia 2; Complicated Labour 2; Nothing to account for still-birth 4).	
	(b) Within 10 days of birth 2 (both premature).	

The cases came from all parts of the Borough; 26 from Clapham, 18 from Putney, 99 from Balham, 34 from Streatham, 60 from Tooting, and 95 from Wandsworth, and nine cases belonging to other places. These nine cases were admitted when the Home was not fully occupied, and paid the maximum fee.

The greater number of the cases were admitted, as would have been anticipated, from those parts of the Borough nearest the Home.

The number from Clapham was low, doubtless because of the proximity of the old-established Maternity Home in Jeffreys Road, Lambeth, which for many years has been utilised by residents in that part of the Borough.

Hospitals and other Institutions for Expectant and Nursing Mothers, and Young Children, as In-patients.

The Streatham Babies' Hospital is the only institution of the kind in the Borough, and infants from any part of the Borough are admitted. The accommodation consists of 20 cots, including two isolation cots. The staff consists of a visiting Medical Officer, matron, sister, two staff nurses (day and night) and three probationers. There is also one domestic servant.

The minimum charge is 10s. 6d. per week. No child is admitted free except in cases of extreme poverty.

Seventy-five infants passed through the hospital during the year, the average stay being 57 days.

The complaints from which they suffered were marasmus (24), debility, malnutrition, rickets, gastritis, infantile paralysis, hydrocephalus, cephalhæmatoma, constipation, enteritis, diarrhœa and vomiting, colitis, bronchitis, empyema, pneumonia and prematurity.

30 cases were discharged in good health, 23 had improved, and in one case there was no improvement.

11 babies died, four from marasmus, one from marasmus and chronic enteritis, one from pneumonia and marasmus, one from pneumonia and empyema, and four from acute enteritis.

45 of the 75 cases belonged to the Borough (Clapham nine, Putney one, Balham eight, Streatham 23, Tooting two, and Wandsworth two). Of these eight died, the causes of death being, enteritis two, diarrhœa and vomiting one, and marasmus five.

There are four institutions in the Borough for the reception of expectant unmarried mothers, all in connection with rescue work. The mothers are received a few months prior to confinement, and are expected to remain, in one instance at least six months after; in the other two the average stay is three months after confinement. In one home the mothers, if able, do the domestic work of the house, and are therefore with their babies

all day. 12 mothers with their babies were received during the year. This home had to be closed for financial reasons. In another, where the mothers learn glove and stocking making in the home, 12 mothers were received during the year. In another, 130 mothers passed through the home during the year, the number of births being 127. In the fourth, 15 mothers passed through the Home, one only staying a week, the number of births being 14.

One hostel, also in connection with rescue work, does not receive pre-maternity cases, but makes arrangements for the confinement. The mother is expected to remain 12 months—she has three months' training in the home in domestic work, and then goes out to daily work. 24 mothers and 24 babies passed through the home during the year, 18 being discharged for various reasons.

In all the above hostels arrangements have been made for a medical man to attend when necessary. Some of the infants attend at the most convenient Infant Welfare Centre.

Still-Births.

Investigations were made into the cases of 56 still-births, nine of which were premature and 14 were difficult labours, 23 were delivered by midwives, 12 occurred in institutions, and 21 were doctors' cases.

Advice was given as to the care of the health of the mother, and in the event of her again becoming pregnant she was invited to attend the Ante-natal Clinic.

Convalescent Homes.

During the year five mothers with infants and seven children were sent to Convalescent Homes. Six children were sent to the John Horniman Home at Worthing, and four mothers and infants to the Mothers' Rest Home, Hampstead, one mother and child to the Catherine Gladstone Home, Mitcham, and one child to St. John's Home, Brighton.

Illegitimate Births.

Of the 239 illegitimate births belonging to the Borough 130 have been visited, 22 were above the standard of visiting, 29 had removed before visit, 15 were born in Institutions and remained there, eight died before visit, 12 were boarded out under the London County Council, one was adopted, six mothers and children went to homes, four wrong addresses were given, two were born in hospital and died there, and 10 of the mothers came to the Borough for confinement only. Of the 130 visited eight died. In the majority of cases no assistance was required, as arrangements had been made for the care of the children.

Maternity and Child Welfare Centres.

There are now eight Infant Welfare Centres in the Borough, a Centre to serve the Fairfield Ward having been opened in July at the Fairfield Mission Hall, Fairfield Street.

The premises occupied by the Balham and Springfield Infant Welfare Centres being inadequate to accommodate the increasing number of mothers who wished to avail themselves of the advice and help provided, efforts were made to obtain more suitable accommodation.

In July, the Springfield Infant Welfare Centre removed from the Anchor Mission, Garratt Lane, to the Earlsfield Congregational Church Hall in Earlsfield Road; and in October the Balham Infant Welfare Centre removed from Zennor Hall to 91, Bedford Hill, premises provided by means of the generous efforts made by the Balham and Tooting Traders' Association.

Each Centre has a medical officer and a trained superintendent; but all the work connected with the keeping of records, the purchase and sale of food and drugs, and of clothing, is done by voluntary workers, who are most regular and efficient.

Infants and children up to five years of age are admitted. They are weighed at every attendance, seen by the doctor when necessary, and reports concerning their progress are recorded.

The superintendent visits the homes of the children to see that the doctor's instructions are carried out. No visiting by untrained workers is allowed.

Each Centre, with the exception of Putney and Fairfield, has a separate session for ante-natal work—at Putney it is held concurrently with the Infant Clinic and from Fairfield the mothers go to the Springfield Ante-natal Clinic in Earlsfield Road.

The next Table summarises the work done at all Centres.

There were 2,640 new cases registered during the year, the total number of attendances was 31,264, 49 were transferred to other Centres, 816 were passed on to the London County Council, and 79 died.

The total number of ante-natal cases on the registers during 1921 was 796, the attendances numbering 1,755.

The superintendents' visits to infants totalled 10,284, and to ante-natal cases 833. 183 health talks were given.

In Clapham a course of 12 lectures on Infant Care and Mothercraft was given by the Medical Officer of the Centre.

Needlework classes were held at each session of the ante-natal clinic throughout the year, and of the Infant Clinic for nine months.

In Putney a course of six lectures on Hygiene were given in the spring, and in the autumn a course of 12 needlework classes were held.

In Streatham needlework classes are held on alternate Wednesdays.

In Tooting needlework classes are held at every ante-natal session.

At Springfield Infant Welfare Centre 12 needlework classes were held in the spring, and a course of 10 Health lectures was given in the autumn. The mothers from the Southfields and Fairfield Infant Welfare Centres attended both these courses.

626 attendances were made by the Health Visitors to the Infant Clinics, and 168 to the ante-natal clinics.

One of the Health Visitors is a member of the local committee of each Infant Welfare Centre, and the Medical Officer of

Health is *ex-officio* a member of the General Council, whose function is to co-ordinate the work of the Centres.

138 health talks were given by the Health Visitors during the year.

TABLE LXII.

	Clapham.	Putney.	Balham.	Streatham.	Tooting.	Southfields.	Fairfield.	Springfield.	TOTALS.
No. of new cases during 1921	491	211	420	341	417	240	103	417	2640
„ transferred to other Centres..	7	2	4	12	8	...	..	16	49
„ dead	10	4	16	7	15	5	2	20	79
„ passed on to L.C.C. ...	...	87	83	34	308	2	...	302	816
„ of attendances..	8605	2430	5652	4264	4433	1958	646	3276	31264
„ of ante-natal cases ...	69	32	289	102	158	49	...	97	796
„ do. attendances ...	178	56	602	244	370	134	...	171	1755
„ of Nurses' visits to Infants	1069	816	1587	1917	2496	734	215	1450	10284
„ do. do. ante-natal cases	140	73	139	190	90	52	39	110	833
„ of Sessions—Infants ...	96	50	98	92	97	50	24	50	557
„ do. —ante-natal ...	12	...	24	23	25	24	...	23	131
„ of health talks given ...	56	20	22	21	40	12	4	8	183

Crèches.

There are four crèches in the Borough—Putney, Balham, Tooting and Wandsworth. Children are admitted whose mothers are obliged to go out to work, or who are ill, or who for any other reasonable cause are unable to look after their children.

The crèches are voluntary institutions subsidised by grants from the Borough Council and the Board of Education. The parents' payments vary from 8d. to 1s. per head, a reduction being made when more than one child from the same family is admitted. The Putney and Wandsworth Day Nurseries are also training schools for nurses who intend to take up crèche work. They are admitted as probationers and serve a term of six months, receiving not only practical training but also theoretical. The matrons give courses of lectures which the probationers are bound to attend, and an examination is held at the end of the course. 169 inspections of the crèches were made during the year by the Health Visitors, who represent the Medical Officer of Health on the Committees.

The attendances were : in Putney, 6,072 ; in Balham, 7,238 ; in Tooting, 4,556 ; and in Wandsworth, 7,541 ; a total of 25,407, a decrease of 1,519 compared with 1920.

Dental Treatment.

In May, 1919, the arrangements made by the Council with the British Dentists' Hospital, Clapham Common, came into force. 64 cases (43 women and 21 children) availed themselves of the opportunity to have dental treatment, and 83 attendances (56 women and 27 children) were made.

No women had dentures supplied to them.

The medical officer at each Infant Welfare Centre examines carefully the teeth of the mothers and children, and recommends treatment when necessary.

Puerperal Fever.

There were 11 cases of puerperal fever notified (two in Clapham, one in Putney, three in Streatham, two in Tooting, and three in Wandsworth). Six were midwives' cases, two were miscarriages, and one was born before the doctor or midwife arrived. Six patients were removed to hospitals and four to St. James's Infirmary, and three cases occurred in nursing homes. One of the cases proved fatal.

Ophthalmia Neonatorum.

54 cases were notified, of which 14 were in Clapham, three in Putney, 15 in Streatham, two in Tooting, and 20 in Wandsworth. All the cases were visited. 30 were attended at birth by midwives, and 10 cases occurred in maternity homes (one in Clapham, six in Streatham, and three in Tooting).

22 cases were treated in hospital as out-patients, seven as in-patients, and the remainder were treated at home.

31 cases were notified by midwives. In 27 cases the district nurse was asked to attend, and 149 visits were made.

TABLE LXIII.

Ophthalmia Neonatorum, 1921.

No.	Date of notification.	Eye affected.	Severe or Slight	Where treated or by whom.	History of specific disease.	Result.
1	Jan. 1	Both.	Severe	St. Margaret's Hosp. in-pat't	No.	Recovered.
2	" 11	"	Slight	Nursing Home ...	"	"
3	" 18	Left.	"	St. Thomas's Hosp. out-pat't	"	"
4	" 19	"	"	St. Thomas's Hosp. out-pat't	"	"
5	" 24	Right.	"	Private doctor & District nurse	"	"
6	" 28	Both.	Severe	St. Thomas's Hosp. out-pat't	"	"
7	" 29	"	Slight	St. Thomas's Hosp. out-pat't	"	"
8	Feb. 10	"	Severe	St. Margaret's Hosp. in-pat't	"	"
9	" 15	Left.	Slight	Private doctor ...	"	"
10	" 17	Both.	Severe	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
11	" 22	Left.	Slight	Maternity Hospital... ..	"	"
12	Mar. 7	Right.	"	Maternity Hospital... ..	"	"
13	" 7	Both.	"	Maternity Home	"	"
14	" 7	"	"	Maternity Home	"	"
15	" 10	"	Severe	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
16	" 15	Right.	Slight	Private doctor	"	"
17	" 18	"	"	Royal Eye Hosp. out-patient	"	"
18	Apr. 25	Both.	"	Private doctor & District nurse	"	"
19	" 26	Left.	"	Private doctor & District nurse	"	"
20	May 4	Right.	"	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
21	" 6	"	Both.	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
22	" 18	"	"	Maternity Home	"	"
23	" 25	Right.	"	Maternity Home	"	"
24	" 25	Both.	"	Royal Eye Hosp. out-patient	"	"
25	Jun. 13	"	Severe	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
26	" 18	"	Slight	Midwife & District nurse...	"	"
27	" 22	"	Severe	St. Margaret's Hosp. in-pat't Royal Eye Hosp. out-patient and District Nurse ...	"	"
28	July 7	"	"	Private doctor	"	"
29	" 12	Right.	Severe	St. George's Hosp. out-pat't and District Nurse ...	"	"
30	" 13	Both.	Slight	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
31	" 28	"	"	Private doctor	?	"
32	" 30	"	Severe	Private doctor	No.	"
33	Aug. 2	"	Slight	St. Thomas's Hosp. out-pat't and Midwife	?	"
34	" 8	"	"	Private doctor & District nurse	No.	"
35	" 10	"	Severe	Putney Hosp. out-patient and District Nurse ...	?	"
36	" 10	"	Slight	St. Thomas's Hosp. out-pat't and District Nurse ...	No.	"
37	" 26	Right	"	St. Thomas's Hosp. out-pat't	"	"
38	Sep. 9	Both.	Severe	Private doctor & District nurse	?	"
39	" 15	"	"	St. Margaret's Hosp. in-pat't	No.	"
40	Oct. 5	"	"	St. Thomas's Hosp. out-pat't and District Nurse ...	"	"
41	" 7	"	Slight	St. Thomas's Hosp. out-pat't and District Nurse ...	?	Recovered.
42	" 15	"	Severe	St. Thomas's Hosp. out-pat't and District Nurse ...	Yes.	Died 21/12/21 Cong. Syphilis.
43	" 31	Left.	Slight	Private doctor & District nurse	No.	Recovered.
44	Nov. 2	Both.	Severe	Royal Eye Hosp. out-patient and District Nurse ...	?	"
45	" 2	Right.	"	St. Margaret's Hosp. in-pat't	?	"
46	" 16	Both.	Slight	St. Margaret's Hosp. in-pat't	?	"
47	" 16	Left.	"	Private doctor & District nurse	No.	"
48	" 17	Both.	Severe	St. Margaret's Hosp. in-pat't	Yes.	"
49	" 17	Left.	Slight	St. Margaret's Hosp. in-pat't	No.	"
50	" 19	Right.	Severe	Private doctor & District nurse	?	"
51	" 30	Left.	Slight	Private doctor & District nurse	?	"
52	Dec. 9	Both.	Slight	Private doctor & District nurse	No.	"
53	" 16	Both.	Severe	Private doctor & District nurse	Yes.	"
54	" 29	"	Slight	Private doctor & District nurse	"	"

Measles.

126 visits and 18 re-visits were made by the Health Visitors in respect of measles.

The services of the district nurses were requisitioned in 27 cases (four in Clapham, six in Streatham, 16 in Tooting, and one in Wandsworth), where bronchitis or pneumonia had set in. The nurses' visits totalled 293.

Whooping Cough.

467 visits and 51 re-visits were made by the Health Visitors in cases of whooping cough. In 17 cases (four in Clapham, one in Putney, one in Streatham, two in Tooting, and nine in Wandsworth), district nurses were called in, and their visits numbered 203.

Epidemic Diarrhœa.

In all the deaths under one year from diarrhœa and enteritis, special inquiries were made and the following Table shows the nature of the food given :—

TABLE LXIV.

METHOD OF FEEDING.	AGE IN MONTHS.					Total.
	Under 1	1 and under 3	3 and under 6	6 and under 9	9 and under 12	
1.—Breast-fed only	3	3	3	...	...	9
Do. and cow's milk ... ..	...	1	...	1	1	3
Do. and condensed milk ... ..	...	1	...	1	...	2
Do. and dried milk... ..	...	1	...	...	...	1
2.—Cows' milk only	1	7	6	3	2	19
Do. and food ... ..	...	...	...	...	2	2
3.—Condensed milk only ... ..	...	3	6	...	1	10
Do. and dried milk... ..	...	...	1	1	...	2
Do. and food ... ..	...	...	1	...	...	1
4.—Dried milk only ... ..	...	7	15	1	2	25
Do. and food ... ..	...	1	...	...	1	2
5.—Farinaceous and other foods ... ..	...	...	1	...	1	2
6.—Unknown ... ..	...	...	...	3	2	5
TOTALS	4	24	33	10	12	83

The next Table shows the result of the inquiries made after these deaths, arranged in wards, and there is also shown the number of infants who had been previously visited, and the number of illegitimate infants.

TABLE LXV.

	Clapham, North.	Clapham, South.	Putney.	Streatham.	Balham.	Tooting.	Southfield.	Fairfield.	Springfield.	Borough.
Total Number of Deaths ...	8	7	6	15	9	14	7	5	12	83
Wholly breast-fed ...	..	..	1	3	..	2	..	2	..	8
Otherwise fed ...	8	6	4	11	8	12	6	3	12	70
No information...	..	1	1	1	1	..	1	..	..	5
Previously visited (1921) ...	2	5	3	7	3	9	3	3	9	44
,, ,, (1920) ...	2	1	1	4	1	2	2	1	2	16
Breast-fed ...	..	..	1	1	..	1	..	1	..	4
Otherwise fed ...	4	6	3	10	4	10	5	3	11	56
Illegitimate ...	2	1	..	..	1	..	1	2	1	8
Nurse children ...	..	..	..	..	1	..	1	..	..	2
Born outside Borough ...	1	3	1	4	3	..	..	1	2	15
Premature ...	1	1	..	..	1	1	..	..	2	6
Delicate from birth...	2	3	2	2	1	3	2	1	2	18
Twin Children ...	..	..	2	..	..	..	..	1	..	3

Home Helps.

The services of a Home Help have been obtained for the Southfield, Fairfield and Springfield Wards of Wandsworth in connection with the Infant Welfare Centre in Garratt Lane. The woman is paid 30/- a week with outdoor uniform and overall, fares being allowed up to 2/6 a week. She is required to work eight hours a day, and to do whatever is necessary in the home—Saturday afternoons and Sundays excepted. The mothers book her services for confinement or sickness, and pay a contribution according to their means to the Infant Welfare Centre. No money is paid by them to the Home Help, nor are meals provided.

Staff.

No change has taken place in the staff and duties during the year with the following exceptions:—

Mr. E. B. Kershaw retired in January, on reaching the age limit, after 29 years of faithful service.

Mr. A. W. Browne was transferred from Clapham North Ward to Streatham, and Mr. J. A. Sands, who was appointed chiefly for housing duties, was appointed to his district.

The vacancy caused by Mr. Sands' appointment to a district was filled by the appointment of Mr. B. Good.

Chemical Work.

All the necessary chemical work, analysis of food and drugs, rag flock and water, is carried out by the Public Analyst, Mr. A. H. M. Muter, F.I.C., F.C.S.

Bacteriological Examinations.

During the year 2,226 bacteriological examinations were made.

The following Table shows the number of examinations in each sub-district and for the whole Borough, also the disease for which the examination was made, and the result of such examination.

TABLE LXVI.

	Clapham	Putney.	Streatham.	Tooting.	Wandsworth.	Whole Borough
DIPHTHERIA :—						
Negative	248	141	567	73	283	1312
Positive	47	50	139	28	82	346
ENTERIC FEVER :—						
Negative	1	2	7	1	5	16
Positive ... ..	...	...	2	...	...	2
TUBERCULOSIS :—						
Negative	50	29	133	45	166	423
Positive	26	11	37	4	49	127
Totals	372	233	885	151	585	2226

In addition 1,054 examinations of sputum were made at the Tuberculosis Dispensary : 114 from Clapham, 62 from Putney, 244 from Streatham, 233 from Tooting, and 401 from Wandsworth. In 247 of the cases it was reported that the bacillus had been found.

Statement of Work done under the Rag Flock Act, 1911.

24 workshops were visited by the inspector and the materials used for bedding and upholstery were examined.

Nine samples were procured and submitted for analysis. All these were reported as complying with the standard of cleanliness required.

ANNUAL STATEMENT

Of the work done in the Metropolitan Borough of Wandsworth
under the Sale of Food and Drugs and Margarine Acts,
summarised from the Quarterly Reports.

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

MR. MAYOR, LADIES AND GENTLEMEN,

Herewith we beg to submit to you our report of the work carried out by us under the Sale of Food and Drugs Acts during the year 1921.

During the year, 1,954 samples were received and duly reported upon.

Of these samples, 982 were submitted formally, whilst 972 were informal.

141 samples in all were reported against, being 7·2 per cent. of those examined. Of the formal samples, 67, or 6·8 per cent., were returned as adulterated, whilst 74, or 7·6 per cent. of the informal samples, were found unsatisfactory.

Below we give a statement showing the nature of the samples submitted, together with the number of each variety reported against.

In separate tables the nature of the Drugs, "Other Articles," and Milk and Cream examined, with any adulteration reported, are given.

GENERAL STATEMENT.

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Milk and Cream	944	143	1087	55	52	107
Butter... ..	1	408	409	0	1	1
Cheese... ..	...	14	14	...	0	0
Margarine	6	27	33	2	3	5
Lard ... ..	...	45	45	...	0	0
Bread	17	...	17	0	...	0
Flour ... ..	...	18	18	...	0	0
Tea ... ..	...	...	...	...	...	...
Coffee... ..	...	39	39	...	0	0
Cocoa ... ..	...	39	39	...	0	0
Sugar ... ..	...	6	6	...	0	0
Mustard ... ..	...	5	5	...	0	0
Confectionery and Jam ... ..	...	6	6	...	0	0
Pepper ... ..	...	5	5	...	0	0
Beer ... ..	...	6	6	...	0	0
Drugs	4	82	86	4	4	8
Other Articles ..	10	129	139	6	14	20
Total ...	982	972	1954	67	74	141

Drugs.

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Acid, Boric ...	...	2	2	...	0	0
Acid, Citric ...	...	5	5	...	0	0
Acid, Tartaric ...	...	5	5	...	0	0
Camphorated Oil	1	9	10	1	1	2
Cream of Tartar... ..	...	11	11	...	0	0
Friars Balsam ... ..	...	3	3	...	0	0
Oil, Eucalyptus ... ..	...	3	3	...	0	0
Ointment, Boric ... ..	...	4	4	...	0	0
Ointment, Mercury ... ..	...	4	4	...	0	0
Ointment, Zinc ... ..	...	2	2	...	0	0
Ointment, White ppt. ... ..	...	2	2	...	0	0
Prescriptions ... ..	...	3	3	...	0	0
Soda Carbonate ... ..	...	1	1	...	1	1
Rochelle Salts ... ..	...	9	9	...	0	0
Tinc. Iodine	2	9	11	2	2	2
Tinc. Quin. Ammon. ... ..	...	3	3	...	0	0
Sugar of Milk ... ..	...	4	4	...	0	0
Syrup of Squills	1	3	4	1	0	1
Total ...	4	82	86	4	4	8

Thus, the amount of adulteration reported in the case of the Drugs submitted was for formal samples, 100 per cent. ; for informal samples, 4·8 per cent. ; and for all samples, 9·3 per cent.

Other Articles.

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Almonds, ground...	...	7	7	...	0	0
Arrowroot ...	1	11	12	1	1	2
Baking Powder ...	...	6	6	...	0	0
Barley, Pearl ...	...	5	5	...	0	0
Cayenne Pepper ...	...	3	3	...	0	0
Cinnamon ...	...	6	6	...	0	0
Coffee Mixture ...	...	1	1	...	0	0
Custard Powder ...	...	3	3	...	0	0
Dripping ...	...	6	6	...	0	0
Egg Substitute ...	...	3	3	...	0	0
Ginger, ground ...	...	5	5	...	0	0
Lemonade Powder	1	...	1	...	...	...
Mace, ground ...	...	3	3	...	0	0
Mustard Condiment	...	3	3	...	0	0
Oatmeal ...	...	3	3	...	0	0
Olive oil ...	...	6	6	...	1	1
Pea Flour ...	...	3	3	...	0	0
Peas, tinned ...	...	1	1	...	1	1
Rice ...	...	6	6	...	0	0
Sago ...	...	3	3	...	0	0
Sausages ...	...	20	20	...	4	4
Self-raising Flour	...	6	6	...	0	0
Tapioca ...	1	6	7	1	1	2
Vinegar ...	4	2	6	3	2	5
Vinegar, Malt ...	3	11	14	1	4	5
Total ...	10	129	139	6	14	20

From these results it will be seen, therefore, that the total adulteration in the case of "Other Articles" amounted to 14·3 per cent. for all samples ; to 60 per cent. for formal samples ; and to 10·8 per cent. for informal samples.

Milk and Cream.

The samples grouped under the heading "Milk and Cream" were comprised as follows :—

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Milk	885	7	892	44	1	45
Hot Milk	1	...	1	1	...	1
Separated Milk ...	49	2	51	3	0	3
Condensed Milk ...	...	6	6	...	0	0
Cream, fresh ...	7	47	54	7	22	29
Cream, preserved	2	81	83	...	29	29
Total ...	944	143	1087	55	52	107

Of the 45 samples of Milk found to be adulterated, 26 contained extraneous water, 16 were deficient in fat, whilst three were coloured with Annatto.

The one sample of Hot Milk submitted was reported against as containing extraneous water.

Two samples of Separated Milk were coloured with Annatto, whilst one contained extraneous water.

All the samples of Cream returned as adulterated contained Boric Acid as a preservative, whilst the samples of Preserved Cream reported against were found upon examination to contain an excess of preservative above that declared upon the label.

Thus, the amount of adulteration reported in the case of the Milk and Cream samples submitted was, for formal samples, 5·8 per cent.; for informal samples, 3·6 per cent.; and for all samples, 9·8 per cent.

Butter.

During the year 409 samples of Butter were submitted, and it is noteworthy that in no case was Margarine present. The only sample reported against was found to contain 0·23 per cent. Boric Acid in excess of the maximum permissible.

In every sample the presence of preservative was looked for, and if present the quantity estimated, with the result that 310, or 75·8 per cent., were found to be free (except from common salt), whilst 98, or 23·9 per cent., contained Boric Acid in quantities under 0·5 per cent., the remaining one being reported against as above.

Margarine.

Of the five samples of Margarine reported against, two formal samples were found to contain an excess of water, whilst two informal samples contained an excess of butter fat, the remaining informal sample having excess of water.

All samples of Margarine submitted during the year contained a Boric preservative.

Drugs.

Adulteration in the case of eight samples of Drugs (four formal and four informal) was reported as follows:—

Two samples of Syrup of Squills (one formal and one informal) contained an excess of Acetic Acid.

Two samples of Camphorated Oil (one formal and one informal) had been compounded with a mixture of Sesame and Mineral Oils, instead of Olive Oil.

Two samples of Tincture of Iodine (one formal and one informal) were found to be deficient in Potassium Iodide, and two (one formal and one informal) contained an excess of Iodine.

All formal samples were taken as a consequence of the informal samples having been adversely reported against.

Other Articles.

Grouped above under the heading of "Other Articles," in all 20 samples were found to be adulterated. Of these, six were formal and 14 informal, as under :—

Two samples of Arrowroot (one formal and one informal) consisted of Tapioca and Maize.

One sample of Olive Oil (informal) contained Cotton Seed Oil.

One sample of Tinned Peas (informal) contained a Copper colouring matter.

Four samples of Sausages (informal) contained a Boric preservative.

Two samples of Tapioca (one formal and one informal) consisted of Sago.

Three samples of Malt Vinegar (one formal and two informal) were deficient in Acetic Acid.

Two samples of Malt Vinegar (informal) proved to be coloured Acetic Acid.

Five samples of Vinegar (two formal and three informal) were deficient in Acetic Acid.

We are, Sir, Ladies and Gentlemen,

Your obedient Servants,

A. H. M. MUTER, F.I.C.,

Public Analyst.

CHARLES A. HACKMAN, F.I.C.,

Additional Public Analyst.

South London Central Public Laboratory,
325, Kennington Road, S.E. 11.

Revenue Act.

During the year four certificates were granted under the above Act.

The certificates granted referred to 30 houses or 60 tenements.

Cleansing of Persons Act.

The names of 128 children, 42 belonging to Clapham, 15 to Streatham, 18 to Tooting, and 53 to Wandsworth, stated to be in a verminous condition, were forwarded to me by the Medical Officer, Education Department, London County Council, and the homes were visited by the Inspectors. In 58 cases the body and clothing were stated to be also verminous.

These children were cleansed by the officials of the London County Council at the Cleansing Station under the supervision of that Authority.

50 adults had baths on account of their verminous condition, 47 of these being cases of scabies.

Cutting-off Notices.

During the year, 120 notices with respect to 135 premises were received from the Water Board stating that the supply had been withdrawn.

30 of the premises were in Clapham, 24 in Putney, 50 in Streatham, five in Tooting, and 26 in Wandsworth.

The supply was withdrawn for non-payment of rates from 66 premises, from 37 premises in consequence of defects, in 29 the premises were empty, and in three cases by request.

Housing.

With reference to housing it was found at the Census of 1921 that the total number of houses structurally separate for habitation was 66,189, and the total number of rooms occupied was 381,850, the average number of persons per house was 4.97, and the average number of persons per room was .86,

There are only three other Boroughs in London, viz. :—Lewisham, Kensington, and Hampstead, where the average number of persons per room was smaller, the average for the whole of London being 1·07.

If these statistics are correct it shows that in the Borough of Wandsworth there cannot be so much overcrowding as in some of the other Boroughs.

There has been some addition to the housing accommodation during the year by the erection of new houses (1) by the London County Council, (2) by the Borough Council, and (3) by private enterprise. The total number erected and occupied was 718, and the number in course of erection at the end of the year was 246.

The action taken by the Borough Council is referred to in more detail in previous reports.

In conclusion I am pleased to be able to report that during the year under review the whole of the staff of the Department have carried out their duties in a most thorough and conscientious manner.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

P. CALDWELL SMITH.

