

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

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Metropolitan Borough of Wandsworth.



Annual Report
ON THE
Health, Sanitary Condition, &c.
OF THE BOROUGH,
For the Year 1922,
BY
F. G. CALEY, M.A., M.B., D.P.H.,
Medical Officer of Health,
TOGETHER WITH THE
Report of the Public Analyst.

REPORT
of the Medical Officer of Health
for the Year 1922

LONDON :

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REPORT

of the Medical Officer of Health for the Year 1922.

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

SIR, MADAM AND GENTLEMEN,

I have the honour to present the Annual Report on the health and sanitary condition of the Borough for the year 1922.

I regret to have to record that Dr. P. Caldwell Smith, who was Medical Officer of Health since the formation of the Borough in 1901, died on the 21st February, 1923.

Population.

The corrected population of the Borough at the middle of the year was estimated to be 333,820.

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 1922.	
		Corrected.	Uncorrected.
Clapham	60,570	61,600	61,600
Putney	28,579	29,500	29,500
Streatham	103,499	106,310	106,310
Tooting	40,410	39,140	41,140
Wandsworth	95,598	97,270	98,770
Whole Borough ..	328,656	333,820	337,320

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

Census 1921.

The following Table has been abstracted from the Census 1921 Report. It shows the area, population, number of families, dwellings, rooms occupied, and rooms per person, in each Ward in the Borough.

Municipal Wards, and Civil Parishes.	Area in Statute Acres (Land and Inland Water).	TOTAL POPULATION.					PRIVATE FAMILIES AND DWELLINGS.				
		1911.	1921.				Private Families.	Popula- tion in Private Families.	Struc- turally Separate Dwell- ings occupied.	Rooms occupied.	Rooms per Person.
		Persons.	Persons.	Males.	Females.	Persons per Acre.					
Balham	859	47,001	50,888	22,519	28,369	59	12,954	49,861	9,595	60,755	1·22
Clapham (North)	473	28,871	29,540	13,566	15,974	62	7,607	28,876	5,080	30,827	1·07
Clapham (South)	601	29,721	31,000	13,559	17,441	52	8,187	29,774	5,994	36,297	1·22
Fairfield	339	20,605	20,089	9,413	10,676	59	5,230	19,972	3,720	21,292	1·07
Putney	2,218	28,242	28,558	12,138	16,420	13	7,023	26,957	5,469	36,735	1·36
Southfields	1,218	34,600	35,715	16,120	19,595	29	8,835	34,738	6,987	40,170	1·16
Springfield	888	37,171	39,775	18,987	20,788	45	8,570	36,274	6,769	37,918	1·05
Streatham	1,964	49,191	52,607	21,882	30,725	27	13,461	51,176	11,607	74,911	1·46
Tooting	547	35,958	40,135	19,045	21,090	73	8,659	36,840	7,319	34,299	0·93
WHOLE BOROUGH	9,107	311,360	328,307	147,229	181,078	36	80,526	314,468	62,540	373,204	1·19

Births.

The total number of births in this Borough was 5,366, but 620 births occurred in Institutions outside the Borough of persons belonging to the Borough, and 416 births in Institutions in the Borough of persons not belonging to the Borough, making a corrected total of 5,570, compared with 6,167 in 1921.

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 ..	520	547	1,067	17·32	5·33
Putney	237	215	452	15·32	3·19
Streatham ..	829	822	1,651	15·53	4·20
Tooting	352	325	677	17·28	7·35
Wandsworth ..	855	868	1,723	17·71	6·79
Whole Borough ..	2,793	2,777	5,570	16·68	5·44

The birth-rate was 16·68 per 1,000, compared with 18·80 for 1921, and 18·73 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.
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	20·09	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
1921 ..	20·13	16·33	17·12	19·92	20·18	18·80	22·3	22·4
Average [for 10 yrs. ..	18·33	15·10	17·45	22·04	19·64	18·73	22·1	21·6
1922 ..	17·32	15·32	15·53	17·28	17·71	16·68	21·0	20·6

244 illegitimate births took place in the Borough, 18 in Clapham, 11 in Putney, 181 in Streatham, eight in Tooting, and 26 in Wandsworth.

Of the 244 illegitimate births that occurred in the Borough, 95 belonged to the Borough, 18 to Clapham, 11 to Putney, 33 to Streatham, six to Tooting, and 27 to Wandsworth.

103 illegitimate births occurred outside the Borough, making a total of 198. Forty-one of these belonged to Clapham, 24 to Putney, 59 to Streatham, 15 to Tooting, and 59 to Wandsworth.

The percentage of illegitimate births to total births was 3·55.



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

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.	Mid-wife.	Other person.		
Clapham	824	318	241	243	22	846	10
Putney	398	166	91	140	1	410	8
Streatham	2,011	518	490	902	101	2,034	41
Tooting	617	86	115	401	15	613	11
Wandsworth	1,475	276	830	340	29	1,463	25
Whole Borough ..	5,325	1,364	1,767	2,026	168	5,366	95

The percentage of births notified, less still-births, to those registered was 99, compared with 99 in 1921.

Deaths.

During the year ending the 31st December, 1922, 3,319 deaths, 1,458 of males and 1,861 of females, occurred, compared with 3,103 in 1921,

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.	Wandsworth.	Total.
Hostel of God	63	..	..	..	..	63
South London Hospital for Women	35	..	..	..	..	35
Springfield Mental Hospital ..	..	..	5	..	115	120
Fountain Temporary Mental Hospital .. .. .	..	..	..	41	..	41
H.M. Prison .. .. .	..	..	..	..	2	2
Swaffield Road Institution ..	..	..	..	..	12	12
Royal Hospital for Incurables ..	..	..	..	..	23	23
Tooting Bec Mental Hospital ..	..	..	..	378	..	378
Grove Hospital .. .. .	..	..	..	184	..	184
The Priory .. .. .	..	4	..	..	..	4
Weir Hospital .. .. .	..	..	23	..	..	23
Putney Hospital .. .. .	..	16	..	..	..	16
Ministry of Pensions Hospitals..	2	3	..	6	..	11
TOTAL	100	23	28	609	152	912
Other places	36	43	114	7	35	235
GRAND TOTAL	136	66	142	616	187	1,147

TABLE VI.—DEATHS IN PUBLIC INSTITUTIONS, &c., IN THE BOROUGH, OF PERSONS NOT BELONGING TO THE BOROUGH, 1922.

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.	Swaffield Rd. Institution.	H.M. Prison.	Ryl. Hosp. for Incurables.	Fountain Mental Hospital.	S. Lon. Hosp. for Women.	Putney Hospital.	Grove Hospital.	Weir Hospital.	The Priory.	Min. of Pensions Hosp.	Other Places, not Public Institutions.
Enteric Fever	2	2	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	13	4	9	1	8	3	1	..	..	..	..	..	..	..	..	..	..	..	1	..	12	..	..	..	..
Scarlet Fever	15	11	4	1	3	4	6	..	1	..	..	..	..	..	..	..	..	..	..	15	..	..	..	..	..
Whooping Cough	6	2	4	2	2	2	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	..	..	..	2
Diphtheria and Membranous Croup	84	48	36	2	11	30	37	3	1	..	..	..	..	..	..	..	..	..	..	84	..	..	..	..	..
Influenza	15	5	10	2	..	1	1	..	3	5	3	2	..	..	..	..	3	2	..	..	1	..	..	..	7
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal fever	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Other Epidemic Diseases	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Pulmonary Tuberculosis	35	16	19	..	1	..	..	11	7	12	4	10	6	14	..	..	..	..	..	..	1	..	..	..	4
Tuberculous Meningitis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Abdominal Tuberculosis	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Other Tuberculous Diseases	2	2	..	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Other Infective Diseases	3	1	2	2	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	2
Cancer, Malignant Disease	82	25	57	..	..	..	..	5	40	37	4	14	36	..	..	..	3	7	..	..	..	2	..	..	16
Rheumatic Fever	3	..	3	..	..	..	..	3	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	1
Diabetes	3	1	2	..	..	..	..	1	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
Other General Diseases	11	3	8	..	..	..	2	1	4	4	3	..	..	..	1	..	3	1	..	..	..	..	..	..	4
Alcoholism .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic Poisonings .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Cerebral Hæmorrhage, Apoplexy	31	11	20	..	..	..	..	..	16	15	8	11	1	..	..	1	..	..	..	..	..	..	..	..	10
Convulsions .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Nervous System	75	43	32	..	1	3	10	5	24	21	11	28	12	1	..	..	8	13	1	..	1	..	1	2	8
Organic Diseases of Heart	34	10	24	..	..	..	..	1	2	15	16	10	8	1	2	..	..	2	..	..	1	..	..	..	10
Other Diseases of Circulatory System	20	7	13	..	..	2	..	3	2	13	1	3	1	..	..	..	1	2	1	..	..	..	..	..	11
Bronchitis	37	12	25	..	1	1	..	1	9	25	20	2	..	1	..	..	1	1	..	..	..	..	1	..	11
Broncho-Pneumonia	29	17	12	4	..	3	5	..	2	3	12	4	13	..	..	..	5	1	..	3	1	..	..	..	2
Lobar Pneumonia	10	6	4	..	2	..	1	2	4	1	3	3	..	..	..	..	1	..	..	..	1	..	..	..	2
Pneumonia (type not distinguished)	44	25	19	1	..	..	..	2	8	33	..	41	..	..	..	..	..	1	..	..	..	..	..	..	2
Other Diseases of Respiratory System	2	2	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..
Ulcer of Stomach	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Diarrhœa .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis	3	2	1	2	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Appendicitis and Typhlitis	2	2	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..
Obstruction of Intestines	4	3	1	..	..	..	..	2	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	1	4	1	..	1	..	1	1	..	1	1	..	..	..	..	1	1	..	..	..	..	..	..	2
Nephritis and Bright's Disease	23	10	13	..	..	..	2	2	11	8	13	2	2	..	..	..	..	1	..	..	..	..	..	..	5
Other Diseases of Urinary System	6	6	..	..	..	..	..	1	3	2	..	2	..	..	..	..	1	..	..	..	1	..	..	..	2
Diseases of Generative System	3	..	3	..	..	..	..	2	..	1	..	..	..	..	..	..	..	1	1	..	..	..	..	..	1
Puerperal Fever	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Other Accidents and Diseases of Pregnancy and Childbirth	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Premature Birth	7	3	4	7	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	6
Congenital Debility and Malformation	14	10	4	5	2	7	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..	..	..	6
Other Diseases of Early Infancy	3	1	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Old Age	269	96	173	..	..	..	..	..	3	266	8	243	1	2	..	1	..	..	..	..	2	..	..	..	14
Deaths from Accident	15	5	10	..	..	2	1	..	1	11	..	9	..	..	..	..	..	..	..	..	2	..	..	..	4
Deaths from Suicide	3	3	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Other Violent Deaths	9	9	..	..	..	..	2	7	..	..	..	..	..	..	2	..	..	..	..	..	..	..	7	..	..
Other Defined Diseases	2	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	1
Ill-defined Diseases or unknown	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
All causes	934	409	525	34	28	56	71	32	78	168	467	118	369	58	6	2	23	37	23	2	125	5	4	11	151

TABLE VII.—DEATHS IN PUBLIC INSTITUTIONS, &C., IN THE BOROUGH, OF PERSONS BELONGING TO THE BOROUGH, 1922.

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 Hosp.	Hostel of God.	Swaffield Rd. Inst.	Fountain Mental Hosp.	S. Lond. Hosp. for Women.	Putney Hospital.	Grove Hospital.	Weir Hospital.	Springfield Mental Hospital.	Other Places, not Public Institutions.
Enteric Fever	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	3	1	2	1	2	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..
Scarlet Fever	4	2	2	1	1	1	1	..	..	..	..	..	..	..	..	..	4	..	..	..	..
Whooping Cough .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Membranous Croup	48	25	23	2	3	10	33	..	..	..	..	..	..	..	..	..	48	..	..	..	..
Influenza	3	1	2	..	..	..	..	3	..	..	..	..	..	..	..	..	1	1	..	1	..
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Fever	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
Other Epidemic Diseases .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis	2	1	1	..	..	..	..	1	1	..	..	1	..	..	..	..	..	1	..	..	..
Tuberculous Meningitis	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	1	..	2	..	..	..
Abdominal Tuberculosis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Other Tuberculous Diseases	3	2	1	..	..	..	..	1	1	1	..	..	..	..	..	1	..	2	..	..	..
Other Infective Diseases	1	..	1	..	..	..	..	..	4	12	8	..	4	..	..	4	2	..	4	1	9
Cancer, Malignant Disease	24	10	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatic Fever	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
Diabetes	2	..	2	..	..	..	..	1	..	..	1	..	..	..	..	1	..	..	..	1	..
Other General Diseases	7	..	7	..	..	1	..	2	3	1	..	..	..	..	2	1	..	1	..	3	..
Alcoholism .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic Poisonings .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Cerebral Hæmorrhage, Apoplexy	5	1	4	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	5	..
Convulsions	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Other Diseases of Nervous System	2	1	1	..	1	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..
Organic Diseases of Heart	15	7	8	..	..	..	..	3	5	7	2	..	4	..	1	..	..	..	..	8	..
Other Diseases of Circulatory System	7	4	3	..	..	..	..	2	4	1	1	..	..	..	1	..	..	..	..	5	..
Bronchitis	5	3	2	..	..	..	..	..	5	..	..	..	2	..	..	..	..	..	..	3	..
Broncho-Pneumonia	6	..	6	1	1	..	..	..	3	1	..	..	..	..	1	1	..	1	..	3	..
Lobar Pneumonia	4	3	1	..	1	..	1	1	..	1	..	..	..	1	..	..	3	..	..	..	..
Pneumonia (type not distinguished)	1	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..
Other Diseases of Respiratory System	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..
Ulcer of Stomach	2	2	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	..	1	..
Diarrhœa .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Appendicitis and Typhlitis	5	2	3	..	..	1	..	2	2	..	..	..	..	..	2	..	..	..	..	3	..
Obstruction of Intestines	5	2	3	..	..	..	..	..	5	..	..	..	..	..	2	..	1	..	2	..	..
Cirrhosis of Liver .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Liver .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Digestive System	2	1	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..
Nephritis and Bright's Disease	7	4	3	..	..	..	..	1	4	2	..	..	..	..	..	..	1	..	6	..	..
Other Diseases of Urinary System	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
Diseases of Generative System .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..
Other Accidents and Diseases of Pregnancy and Childbirth	3	..	3	..	..	..	..	3	..	..	..	..	..	..	1	..	..	..	2	..	..
Premature Birth	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Congenital Debility and Malformation	8	3	5	7	..	1	..	..	..	..	..	..	..	1	..	..	..	..	7	..	..
Other Diseases of Early Infancy	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Old Age	10	2	8	..	..	..	..	..	10	6	..	..	..	..	1	..	..	..	3	..	..
Deaths from Accident	16	11	5	1	1	6	4	1	2	1	..	..	..	..	3	2	1	..	10	..	..
Deaths from Suicide .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Violent Deaths	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
Other Defined Diseases	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Ill-defined Diseases or unknown .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All causes	213	96	117	19	9	20	41	8	26	39	51	9	5	6	4	12	14	59	18	2	84

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, 1922.

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 Infirmaryes.	General & Special Hospitals, &c.	Public Lunatic & Imbecile Asylums.	Metropolitan Asy. Board's Hospitals.
Enteric Fever	1	..	1	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	1	..
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	33	17	16	8	13	11	1	..	..	..	..	7	4	9	6	7	28	3	..	2
Scarlet Fever	14	8	6	1	2	6	3	2	..	..	..	..	..	8	1	5	..	1	13	..
Whooping Cough	11	6	5	2	6	3	..	..	..	..	..	2	..	3	1	5	8	3	..	..
Diphtheria and Membranous Croup	22	13	9	..	3	6	13	..	..	..	..	4	4	4	3	7	2	..	..	20
Influenza	30	8	22	..	..	..	..	3	11	9	7	6	2	9	2	11	24	4	2	..
Erysipelas	2	..	2	..	..	..	..	..	1	..	1	1	..	1	..	..	1	..	1	..
Cerebro-spinal Fever	2	..	2	..	..	..	..	2	..	..	..	..	..	..	1	1	2	..	..	..
Other Epidemic Diseases	3	1	2	..	..	..	1	..	1	..	1	..	..	1	2	..	1	1	1	..
Pulmonary Tuberculosis	134	76	58	1	..	3	30	63	30	7	32	12	28	20	42	65	49	20	..	..
Tuberculous Meningitis	22	12	10	5	2	5	4	2	4	..	2	..	4	5	11	10	11	..	1	..
Abdominal Tuberculosis	1	1	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..
Other Tuberculous Diseases	14	11	3	..	2	1	2	5	2	2	..	1	1	7	1	4	7	6	1	..
Other Infective Diseases	9	8	1	2	..	..	1	1	2	2	1	2	2	3	1	1	6	3	..	..
Cancer, Malignant Disease	165	90	75	..	..	..	1	1	20	93	50	28	17	56	18	46	105	59	1	..
Rheumatic Fever	5	3	2	..	..	..	4	..	1	..	..	2	..	2	..	1	3	2	..	..
Diabetes	13	7	6	..	..	..	1	..	3	7	2	3	2	4	1	3	5	8	..	..
Other General Diseases	19	7	12	..	..	..	1	1	3	8	6	2	1	4	1	11	10	9	..	..
Alcoholism .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic Poisonings .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis	7	2	5	1	..	..	2	..	2	2	..	..	1	2	2	2	6	1	..	..
Cerebral Hæmorrhage, Apoplexy	46	23	23	..	..	..	..	4	17	25	8	6	19	3	10	30	13	3	..	..
Convulsions	2	1	1	2	..	..	..	..	..	..	1	..	..	1	..	..	2	..	..	..
Other Diseases of Nervous System	71	47	24	..	1	3	4	2	22	29	10	10	5	19	16	21	25	13	33	..
Organic Diseases of Heart	212	85	127	..	..	..	2	2	15	45	148	36	14	73	24	65	156	40	16	..
Other Diseases of Circulatory System	47	25	22	..	..	3	1	7	16	20	11	4	13	2	17	19	25	3	..	..
Bronchitis	50	24	26	2	..	..	..	1	14	33	11	3	13	10	13	38	10	2	..	..
Broncho-Pneumonia	34	20	14	5	5	3	1	1	3	4	12	8	3	10	5	8	24	9	1	..
Lobar Pneumonia	11	4	7	1	1	..	..	3	2	3	1	2	..	1	..	8	3	5	3	..
Pneumonia (type not distinguished)	22	19	3	..	..	..	..	1	10	9	2	6	2	5	1	8	20	2	..	..
Other Diseases of Respiratory System	18	12	6	..	1	..	1	1	1	7	7	7	..	8	1	2	10	8	..	..
Ulcer of Stomach	6	4	2	..	..	..	..	3	3	..	3	..	2	..	1	2	4	..	..	..
Diarrhoea	3	1	2	2	1	..	..	..	..	..	..	..	1	..	2	2	1	..	..	..
Enteritis	9	4	5	6	1	..	..	..	1	1	..	2	1	2	1	3	1	6	2	..
Appendicitis and Typhlitis	16	10	6	..	2	2	3	3	4	2	2	3	6	2	3	9	7	..	..	..
Obstruction of Intestines	17	12	5	1	..	2	..	2	7	5	..	1	8	..	8	9	8	..	..	..
Cirrhosis of Liver	6	4	2	..	..	1	..	..	5	..	1	1	1	1	2	5	1	..	..	..
Other Diseases of Liver	4	1	3	..	..	..	..	1	1	2	..	1	2	..	1	2	2	..	..	..
Other Disease of Digestive System	23	12	11	2	..	..	3	1	4	10	3	7	1	5	4	6	12	11	..	..
Nephritis and Bright's Disease	51	25	26	..	..	..	1	2	8	18	22	10	6	15	7	13	34	8	9	..
Other Diseases of Urinary System	30	26	4	1	..	..	..	..	13	16	2	4	10	5	9	24	5	1	..	..
Diseases of Generative System	6	..	6	..	..	..	1	1	4	..	1	..	3	..	2	3	3	..	..	..
Puerperal Fever	2	..	2	..	..	..	1	..	1	..	1	..	..	..	1	2	..	..	..	..
Other Accidents and Diseases of Pregnancy and Childbirth	7	..	7	..	..	..	1	6	..	..	1	..	1	1	4	4	2	..	1	..
Premature Birth	8	5	3	8	..	..	..	..	..	..	3	1	2	1	1	1	7	..	..	..
Congenital Debility and Malformation	24	13	11	22	1	1	..	..	..	..	3	1	7	7	6	10	14	..	..	..
Other Diseases of Early Infancy	3	3	..	3	..	..	..	..	..	..	..	..	2	1	..	2	1	..	..	..
Old Age	38	15	23	..	..	..	..	..	..	38	7	4	13	6	8	25	10	3	..	..
Deaths from Accident	66	52	14	1	3	1	11	4	16	17	13	14	3	19	12	18	33	32	1	..
Deaths from Suicide	10	5	5	..	..	..	..	1	6	2	1	4	..	3	2	1	3	7	..	..
Other Violent Deaths	1	..	1	..	..	..	1	..	..	..	..	..	1	..	..	..	1	..	..	..
Other Defined Diseases	16	11	5	1	1	1	1	1	2	5	4	4	3	5	..	4	10	4	2	..
Ill-defined Diseases or unknown	3	1	2	..	..	..	..	1	1	1	..	1	1	1	..	..	..	3	..	..
All causes	1,369	734	635	77	43	43	69	76	233	389	439	258	114	415	178	404	801	424	107	37

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 3,754, of whom 1,783 were males, and 1,971 were females.

The corrected death-rate for the year was 11·24 compared with 10·83 in 1921.

The death-rate for the whole of London for the year was 13·4 per 1,000, compared with 12·4 in 1921.

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 ..	357	382	739	230	346	576	11·99
Putney ..	158	200	358	124	158	282	12·13
Streatham ..	555	650	1,205	362	488	850	11·33
Tooting ..	193	196	389	383	427	810	9·93
Wandsworth ..	520	543	1,063	359	442	801	10·92
Whole Borough	1,783	1,971	3,754	1,458	1,861	3,319	11·24

The death-rate in England and Wales in 1922 was 12·9 per 1,000 ; in the 105 County Boroughs and great Towns 13·0 ; and in the 155 smaller Towns 11·7.

The rates in all the sub-districts, except Tooting, were slightly higher than in 1921.

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 Borough rate in 1922 is lower than the average of the previous 10 years, and compared with London and with England and Wales, it is considerably lower.

TABLE X.

			Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	Whole Borough.	London.	England and Wales.
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
1921	..	..	10·83	11·30	11·09	10·05	10·52	10·83	12·4	12·1
Average, 10 years	..	..	12·13	11·61	11·61	10·94	11·93	11·73	14·61	14·02
1922	..	..	11·99	12·13	11·33	9·93	10·92	11·24	13·4	12·9

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 1922.

CAUSES OF DEATH.	Deaths in or belonging to whole district at subjoined ages.										Deaths in or belonging to Localities (at all ages).						
	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.	Deaths in Pub. Inst. in the District.
Enteric Fever	2	1	1	..	..	..	1	..	1	..	..	..	..	..	..	2	3
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	72	39	33	19	32	18	3	..	..	..	..	16	5	16	9	26	16
Scarlet Fever	19	11	8	2	3	7	5	2	..	..	..	2	..	9	1	7	19
Whooping Cough	44	17	27	14	19	9	2	..	..	..	..	7	2	14	3	18	6
Diphtheria and Membranous Croup	76	40	36	2	11	26	36	1	..	..	..	13	7	14	14	28	132
Influenza	148	52	96	1	6	4	3	5	28	48	53	28	10	50	12	48	18
Erysipelas	3	1	2	1	..	..	..	..	1	..	1	1	..	1	..	1	..
Cerebro-spinal Fever	3	..	3	1	..	..	..	2	..	..	..	..	1	..	1	1	2
Other Epidemic Diseases	6	3	3	..	..	..	1	..	2	2	1	1	1	1	2	1	1
Pulmonary Tuberculosis	286	148	138	1	..	..	4	69	122	73	17	59	24	77	37	89	37
Tuberculous Meningitis	31	15	16	6	3	5	9	4	4	..	..	3	..	8	6	14	1
Abdominal Tuberculosis	3	3	..	..	..	..	1	2	..	..	..	1	..	..	..	2	1
Other Tuberculous Diseases	23	15	8	..	2	1	4	6	5	3	2	4	1	10	1	7	5
Other Infective Diseases	13	10	3	4	..	..	1	1	2	3	2	2	2	5	1	3	4
Cancer, Malignant Disease	450	205	245	..	..	..	2	1	38	209	200	89	52	150	43	116	106
Rheumatic Fever	18	6	12	..	..	..	9	2	3	2	2	5	1	5	2	5	4
Diabetes	54	24	30	..	..	..	1	1	8	20	24	10	12	21	3	8	5
Other General Diseases	64	23	41	1	..	2	1	3	8	29	20	8	4	25	2	25	18
Alcoholism	1	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..
Chronic Poisonings .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis	16	4	12	5	..	4	3	..	2	2	..	1	1	6	3	5	3
Cerebral Hæmorrhage, Apoplexy	155	56	99	..	..	..	1	..	5	45	104	38	13	58	15	31	35
Convulsions	21	11	10	18	2	1	..	..	..	..	..	4	..	9	2	6	1
Other Diseases of Nervous System	115	72	43	1	1	4	4	5	24	51	25	18	9	36	19	33	77
Organic Diseases of Heart	459	178	281	..	..	..	7	8	39	122	283	92	40	158	51	118	49
Other Diseases of Circulatory System	154	76	78	..	..	..	5	2	16	51	80	27	19	56	12	40	27
Bronchitis	339	160	179	21	6	3	2	1	5	65	236	77	29	100	26	107	42
Broncho-Pneumonia	113	58	55	34	21	11	4	1	3	10	29	33	9	27	16	28	35
Lobar Pneumonia	47	29	18	2	2	2	1	6	6	21	7	12	4	13	2	16	14
Pneumonia (type not distinguished)	76	51	25	9	8	..	2	2	21	19	15	14	7	18	8	29	45
Other Diseases of Respiratory System	49	22	27	1	2	..	2	1	3	21	19	13	4	19	2	11	3
Ulcer of Stomach	16	8	8	..	..	..	..	7	6	..	3	5	2	5	..	4	3
Diarrhoea	8	3	5	4	3	..	..	..	..	..	1	1	1	2	..	4	..
Enteritis	24	10	14	15	2	..	1	..	1	2	3	3	3	6	6	6	3
Appendicitis and Typhlitis	24	14	10	..	..	2	3	4	3	8	4	2	9	7	2	4	7
Obstruction of Intestines	30	15	15	1	..	..	2	1	2	8	16	1	5	13	1	10	9
Cirrhosis of Liver	16	7	9	..	..	..	1	..	..	13	2	3	4	4	1	4	1
Other Diseases of Liver	15	7	8	..	..	..	..	..	1	3	11	1	1	7	..	6	1
Other Diseases of Digestive System	56	28	28	9	3	2	3	1	7	17	14	14	6	16	5	15	7
Nephritis and Bright's Disease	124	58	66	..	..	..	2	3	14	43	62	15	9	53	13	34	30
Other Diseases of Urinary System	43	38	5	1	..	..	..	..	..	15	27	4	5	17	5	12	7
Diseases of Generative System	10	..	10	..	..	..	..	1	2	6	1	2	1	3	..	4	3
Puerperal Fever	3	..	3	..	..	..	..	1	1	1	..	2	..	..	..	1	2
Other Accidents and Diseases of Pregnancy and Childbirth	14	..	14	..	..	..	..	1	13	..	..	5	..	4	1	4	4
Premature Birth	78	40	38	78	..	..	..	..	..	..	..	15	6	21	10	26	8
Congenital Debility and Malformation	68	37	31	63	3	2	..	..	..	..	..	13	3	24	13	15	22
Other Diseases of Early Infancy	14	12	2	14	..	..	..	..	..	..	..	1	..	15	3	5	4
Old Age	190	69	121	..	..	..	..	..	..	..	190	41	19	62	21	47	279
Deaths from Accident	100	68	32	7	4	8	15	5	21	22	18	21	13	30	12	24	31
Deaths from Suicide	23	17	6	..	..	..	..	1	9	9	4	4	6	6	2	5	3
Other Violent Deaths	5	2	3	2	..	..	..	1	..	2	..	..	3	2	..	..	10
Other Defined Diseases	26	15	11	1	1	1	1	2	4	7	9	5	4	9	..	8	3
Ill-defined Diseases or unknown	7	5	2	1	..	..	..	1	1	3	1	3	1	3	..	..	1
All causes	3,754	1,783	1,971	339	134	112	142	147	432	962	1,486	739	358	1,205	389	1,063	1,147

TABLE XII.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1922 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 Resi- dents 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	
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	20·09	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	5,441	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
1921	..	328,000	6,039	6,167	18·80	3,103	9·36	860	1,312	418	67	3,555	10·83
Average for 10 yrs.		320,023	6,004	6,134	18·85	3,479	10·87	954	1,224	488	79	3,747	11·70
1922	..	333,820	5,366	5,570	16·68	3,319	9·94	934	1,369	339	60	3,754	11·24

TABLE XIII.

INFANT MORTALITY.

1922. Net 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	94	26	14	15	149	63	44	41	40	337
Uncertified	2	..	..	..	2	..	..	..	..	2
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	1	1	..	1	8	9	19
Scarlet Fever .. ..	..	..	..	..	..	..	..	1	1	2
Whooping Cough .. ..	..	1	..	..	1	4	1	4	4	14
Diphtheria and Croup .. ..	..	..	..	..	..	..	..	..	2	2
Erysipelas .. ..	..	..	..	..	..	1	..	..	..	1
Tuberculous Meningitis .. ..	..	..	..	..	..	..	2	2	2	6
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	1	..	1
Meningitis (not Tuberculous)	1	..	..	..	1	..	2	1	1	5
Convulsions	7	3	1	1	12	2	2	1	1	18
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis	1	2	2	..	5	5	5	4	2	21
Pneumonia (all forms)	1	..	1	2	4	9	14	10	8	45
Diarrhoea .. ..	..	1	..	..	1	..	1	1	1	4
Enteritis .. ..	..	..	..	1	1	5	6	2	1	15
Gastritis .. ..	..	..	..	..	..	2	..	2	..	4
Syphilis .. ..	..	2	..	..	2	1	1	..	..	4
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlaying .. ..	..	..	..	..	..	1	1	..	..	2
Injury at birth	3	1	..	..	4	..	..	..	..	4
Atelectasis	5	..	1	..	6	1	..	..	..	7
Congenital Malformations	6	4	2	3	15	7	1	..	..	23
Premature Birth	53	11	4	3	71	7	..	..	..	78
Atrophy, Debility, and Marasmus	13	..	3	4	20	12	5	..	2	39
Other Causes	6	1	..	..	7	6	2	4	6	25
Totals	96	26	14	15	151	63	44	41	40	339

Nett Births in the year, legitimate, 5,372 ; illegitimate, 198.

Nett Deaths in the year of legitimate infants, 317 ; illegitimate infants, 22.

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.											
			1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	Average 10 Years.	1922.
Clapham	68	9·2	76	82	76	92	70	74	107	65	63	66	77	63
Putney	17	4·7	69	85	87	78	74	83	97	112	69	80	83	37
Streatham	93	7·7	58	74	86	76	66	73	71	58	60	61	69	56
Tooting	55	14·1	100	91	114	104	109	110	99	58	69	79	94	81
Wandsworth	106	9·9	83	103	84	104	92	104	90	68	65	71	86	61
Whole Borough ..	339	9·2	76	88	88	92	78	89	89	66	64	67	79	60

It is satisfactory to note that the Infantile Mortality was only 60 per 1,000 births, and was the lowest ever recorded in the Borough.

This low mortality was largely due to the low number of deaths from Diarrhœa and Enteritis, from which causes there were only 19 deaths of infants, compared with 81 in the previous year.

The Infantile Mortality among legitimate infants was 59 per 1,000 legitimate births, and among illegitimate infants 111 per 1,000 illegitimate births, or nearly twice as great.

INFECTIVE DISEASES MORTALITY.

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

TABLE XV.

	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	10 years average corrected for increase of population.	1922.
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever ..	11	11	13	22	5	13	3	7	11	20	12	19
Diphtheria	18	18	41	53	55	37	35	41	68	64	44	76
Typhus Fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever ..	8	5	5	6	5	7	5	2	2	7	5	2
Cont'd Fever ..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever ..	11	13	9	4	9	6	8	16	14	1	9	3
Cholera .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	5	6	11	9	5	6	7	1	9	5	5	3
Measles	51	116	26	152	22	129	45	18	47	4	63	72
Whooping Cough ..	57	23	53	66	49	29	58	15	19	28	41	44
Influenza	45	59	58	90	74	56	834	310	99	81	177	148
Diarrhœa	85	168	186	125	95	78	96	58	62	108	110	32
Tuberculous Diseases ..	366	355	389	434	396	424	455	342	315	390	403	343
Cerebro-spinal Fever ..	1	1	1	20	16	11	8	9	4	3	7	3
Other Infective Diseases ..	27	22	32	20	19	21	18	12	22	31	23	19
Totals	685	797	824	1,001	750	817	1,572	831	672	742	906	764

The total number of deaths from these diseases was 764, 143 in Clapham, 57 in Putney, 213 in Streatham, 93 in Tooting, and 258 in Wandsworth.

From all infective diseases the death-rate was 2·28 per 1,000 (2·32 in Clapham, 1·93 in Putney, 2·0 in Streatham, 2·37 in Tooting, and 2·65 in Wandsworth).

The rate is slightly higher than in 1921, owing to the increase in the number of deaths from Diphtheria, Measles and Influenza.

The rate in 1917 was 2·71 ; in 1918, 5·37 ; in 1919, 2·50 ; in 1920, 1·96 ; and in 1921, 2·26.

The rate from the principal infective diseases, viz. :—Small-pox, Measles, Scarlet Fever, Whooping Cough, Diphtheria, Enteric Fever, and Diarrhoea, was ·73 per 1,000 (·68 in Clapham, ·57 in Putney, ·57 in Streatham, ·80 in Tooting, and ·93 in Wandsworth), compared with ·74 in 1916, ·94 in 1917, ·82 in 1918, ·42 in 1919, ·61 in 1920, and ·70 in 1921.

The rate for 1922 is slightly higher than in 1921. The slight increase compared with 1921 is almost wholly due to the increase in the number of deaths from Diphtheria, Measles and Influenza.

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

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

The total number of cases, less Tuberculosis, was 4,018, 748 from Clapham, 307 from Putney, 994 from Streatham, 501 from Tooting, and 1,468 from Wandsworth—compared with 4,918 in 1921.

The number appears high, but it includes 1,056 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 XVI.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1922.

Notifiable Disease.	No. of Cases Notified.													Total Cases Notified in Each Locality.					Total Cases Removed to Hospital.
	At Ages—Years.													Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	
	At all Ages.	Under 1.	1—2.	2—3.	3—4.	4—5.	5—10.	10—15.	15—20.	20—35.	35—45.	45—65.	65 and upwards.						
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) ..	838	13	38	63	53	46	284	159	65	96	17	4	..	167	67	146	160	298	813
Erysipelas	108	2	1	1	3	1	6	6	6	9	16	40	17	28	7	18	8	47	29
Scarlet Fever	1,257	12	26	72	56	57	494	299	113	99	25	4	..	228	57	332	154	486	1,118
Enteric Fever	22	..	..	..	..	..	4	5	6	3	3	1	..	..	2	2	..	18	21
Puerperal Fever	17	..	..	..	..	..	..	..	1	13	2	1	..	4	2	5	2	4	12
Cerebro-spinal Meningitis	6	2	..	1	..	..	2	..	1	..	..	..	..	..	1	2	1	2	5
Polio-myelitis	4	..	1	..	1	..	1	..	..	1	..	..	..	1	..	1	1	1	1
Ophthalmia Neonatorum ..	42	42	..	..	..	..	..	..	..	..	..	..	..	10	2	20	3	7	18
Pulmonary Tuberculosis ..	398	1	..	..	1	..	7	7	33	170	87	84	8	84	33	105	56	120	..
Other Forms of Tuberculosis	145	9	8	4	3	3	25	29	17	29	7	9	2	22	9	38	20	56	..
Whooping Cough	1,056	130	159	170	97	105	351	19	2	16	6	1	..	188	99	328	94	347	34
Encephalitis Lethargica ..	6	..	..	..	..	..	..	1	1	..	1	3	..	2	1	1	1	1	4
Acute Influenzal Pneumonia	180	3	4	8	..	3	8	7	10	33	32	38	34	38	16	56	20	50	..
Acute Primary Pneumonia	466	36	52	32	14	16	42	22	16	78	40	76	42	79	48	79	56	204	..
Malaria	13	..	..	..	..	..	..	..	1	7	2	3	..	2	3	4	1	3	..
Dysentery	3	..	..	1	..	..	..	..	..	..	2	..	..	1	2	..	..	..	..
Trench Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	4,561	250	289	352	228	231	1,224	554	272	554	240	264	103	854	349	1,137	577	1,644	2,055

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

TABLE XVII.

	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	10 years' average corrected for increase of population.	1922.
Scarlet Fever ..	833	971	1,417	1,309	690	566	563	893	1,463	1,978	1,113	1,257
Diphtheria ..	431	430	552	723	531	435	487	525	1,104	1,009	649	838
Enteric Fever ..	73	52	48	50	46	47	38	18	24	32	43	22
Puerperal Fever ..	27	32	30	11	20	14	16	28	36	11	22	17
Erysipelas ..	207	204	234	195	157	103	95	143	173	121	170	108
Cerebro-spinal Meningitis ..	3	9	3	47	28	26	21	13	15	9	17	6
Polio-Myelitis ..	5	13	3	10	7	5	3	11	..	7	6	4
Ophthalmia Neonatorum ..	35	37	51	44	32	29	35	54	60	54	44	42
Pulmonary Tuberculosis	855	783	706	646	590	622	777	788	634	490	718	398
Other Forms of Tuberculosis ..	..	328	199	234	216	193	218	163	156	147	192	145

Compared with 1921 there has been an increase in the number of cases of puerperal fever, but a decrease in all the others.

Compared with the corrected decennial average there has been an increase in the number of cases of scarlet fever and diphtheria, and a decrease in all the others.

Small-pox.

No case of this disease occurred during the year.

Scarlet Fever.

This disease was not so prevalent during the year, compared with 1921.

The number of deaths was 19, and the death-rate per 1,000 was .05. The case mortality was 1.5 per cent.

In all, 1,257 cases were notified, 228 in Clapham, 57 in Putney, 332 in Streatham, 154 in Tooting, and 486 in Wandsworth, compared with 1,978 in 1921.

The rate per 1,000 of population was 3.76, 3.70 in Clapham, 1.96 in Putney, 3.12 in Streatham, 3.93 in Tooting, and 4.99 in Wandsworth.

22 cases occurred in institutions in Tooting.

Of the total number of cases, viz.—1,257—1,118, or 88 per cent., were removed to hospital.

As will be seen in Table XX, some schools were more affected than others. The Medical Officers of the London County Council made inspections of 15 schools during the year, and any suspected cases were at once excluded and the names forwarded to me for inquiry.

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

TABLE XVIII.

Sub-Districts.	One case.	Two cases.	Three cases.	Four cases.	Five cases & upwards	Total houses invaded.
Clapham	172	15	6	2	..	195
Putney	39	6	2	..	..	47
Streatham	234	30	6	2	2*	274
Tooting	105	8	2	..	3†	118
Wandsworth ..	335	30	13	4	3‡	385
Whole Borough ..	885	89	29	8	8	1,019

* In Streatham seven cases occurred in an Institution.

† In Tooting 10 cases occurred in one Institution, and 12 in another.

‡ In Wandsworth 25 cases occurred in one Institution, and six in another.

Of the 1,019 houses invaded, multiple cases occurred in 134, or 13.1 per cent.

Diphtheria.

This disease was not so prevalent as during the previous year.

The number of deaths was 76, and the death-rate per 1,000 was .22. The case mortality was 9.0 per cent.

The total number of cases notified was 838, 167 in Clapham, 67 in Putney, 146 in Streatham, 160 in Tooting, and 298 in Wandsworth.

The rate per 1,000 of population was 2.5, 2.7 in Clapham, 2.2 in Putney, 2.2 in Streatham, 4.0 in Tooting, and 3.0 in Wandsworth.

The number of cases was 171 below the number in 1921, but was 189 above the corrected decennial average.

Of the 838 cases, 813, or 97 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 Sellincourt Road School, the next Swaffield Road, and the third New Park 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, New Park Road; in Putney, St. Mary's, Charlwood Road; in Tooting, Hillbrook Road and Sellincourt Road; and in Wandsworth, St. Ann's, Swaffield Road and The Wandle.

As a result of this swabbing, 13 cases were found to be positive and 13 suspicious.

All the cases were swabbed again and not re-admitted 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 XIX.

Sub-Districts.	One case.	Two cases.	Three cases.	Four cases.	Five cases & upwards.	Total houses invaded.
Clapham	105	12	4	2	2*	125
Putney	43	1	..	3	2	49
Streatham	110	8	4	2	..	124
Tooting	85	5	5	1	2†	98
Wandsworth ..	187	22	10	4	4‡	227
Whole Borough ..	530	48	23	12	10	623

* In Clapham 11 cases occurred in an Institution.

† In Tooting 23 cases occurred in one Institution, and 23 in another.

‡ In Wandsworth six cases occurred in an Institution.

Of the 623 houses invaded, multiple cases occurred in 93, or 14·9 per cent.

Return Cases of Scarlet Fever and Diphtheria.

Thirty cases of scarlet fever occurred after the return of cases from the hospitals of the Metropolitan Asylums Board, and there were also 17 cases of diphtheria.

Ten of the return cases of scarlet fever occurred in Clapham, one in Putney, six in Streatham, two in Tooting, and 11 in Wandsworth.

Eight of the return cases of diphtheria occurred in Clapham, one in Putney, one in Tooting, and seven in Wandsworth.

Enteric Fever.

The number of deaths was two, the death-rate was ·005 per 1,000, and the case mortality 9·09 per cent.

The number of deaths from this disease was lower than in 1921.

Twenty-two cases of enteric fever were notified, two from Putney, two from Streatham, and 18 from Wandsworth.

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

The number of cases is 10 under that of last year, and 22 below the corrected decennial average.

One of the cases was notified as para-typhoid fever, and this case recovered.

In two of the cases there was a history of having consumed ice-cream two or three weeks prior to the attack. In one case no history could be ascertained, and the remaining 13 cases were the subject of a special report of which the following is a précis :—

The first case was notified on the 11th July, and the last on the 7th November. Five of them came from Summerstown and eight from Burmester Road.

As a result of enquiries made, it was found that 10 of the cases had been supplied with milk by a registered purveyor in this Borough who obtains his milk from 10 or more farms in the country. Two of these farms adjoin each other at Verwood, Wimborne, Dorsetshire, and in February and March of this year 12 cases of enteric fever were notified in that district—two of them being at one of the farms.

At one of the farms both the farmer and his daughter suffered from the disease. They were taken ill in January, and appear to have been treated at the farm, which was disinfected on 6th April. Previous to that date, three negative tests, made at weekly intervals, had been obtained from each patient. Two and a-half months later, the first case in Wandsworth was taken ill, the ascertained date of onset being the 20th June.

If this case was infected through milk from the farm at Verwood, it is likely that a focus of infection continued at the farm after the 6th April—the supposed date of recovery of the farmer and his daughter. There is evidence that this may have occurred, as the farmer is said to suffer from gall stones—a condition closely associated with the carrier problem in enteric fever. The stools of both the farmer and his daughter were again examined, but proved to be negative.

The whole of the milk from the farm is sent to the Wandsworth dairyman, except a small quantity retained for domestic purposes,

and although he supplies a large number of customers in Wandsworth, the area covered being considerable, yet all the cases occurred in two streets which join Garratt Lane within a few yards of each other. Of the cases supplied by this dairy, five are members of the same family living in the same house ; two are members of the same household ; while two others, boys aged 11 and 12, are friends. In each of these three groups the disease could easily have been spread by direct personal contact.

Three of the 13 cases did not obtain their milk from the dairy in question. Two of them are brother and sister, and there is a definite history of one assisting in the household duties of the family where five cases occurred, and she was most probably infected from one of them. In the third case no history of possible contact infection can be obtained.

The possibility that infection has been conveyed by other food-stuffs has been investigated, but no evidence that this occurred could be ascertained.

In none of the cases was there a history of shell-fish consumption.

In seven cases it was stated that the patients made fairly frequent visits to a fried-fish shop in Summerstown. This shop has been inspected, and the process of frying seen in operation, but no source of infection could be traced. The fish is all gutted, and the frying is carried out thoroughly, while the persons working on the premises were all in good health.

In one case it was stated that the patient had eaten watercress from well-known beds in the neighbourhood.

In 10 of the cases, the relatives stated that the patients never partook of ice-cream, while in three, some had probably been eaten, but the information on this point was indefinite.

With regard to water supply, the house where five cases occurred was supplied by a cistern which was very dirty when inspected. This water was examined bacteriologically, and no bacilli of the enteric group were isolated, though the specimen was much below the standard of London water as regards coliform bacilli. It was stated that all the members of this household drank large quantities of water.

Two cases obtained their water from a cistern which was allowed to run dry once a week. In the remainder, the supply is from the main.

Cases of Mistaken Diagnosis.

In 26 cases (12 of scarlet fever, seven of diphtheria, five of enteric fever, and two of encephalitis lethargica) 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.

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

Six cases of this disease were notified (one in Putney, two in Streatham, one in Tooting, and two in Wandsworth). Five of the cases were removed to hospital.

Sixteen deaths were registered as having been caused by meningitis (one in Clapham, one in Putney, six in Streatham, three in Tooting, and five in Wandsworth). Five of these were of infants under one year, four from two and under five years, and seven 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-basic meningitis, the deaths were stated to have been caused by simple or pneumococcal meningitis.

Encephalitis Lethargica.

Two deaths occurred (one in Streatham and one in Tooting). One of the deaths was of a person from 15 and under 25 years, and the other was over 65 years.

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

Two of the notified cases died from tubercular meningitis, two from encephalitis lethargica, and in the other two recovery was more or less complete, although there were slight after effects.

Polio-myelitis and Polio-encephalitis.

Four cases were notified during the year and one death resulted. The three surviving cases have recovered without paresis or paralysis.

Erysipelas.

Three deaths occurred from this disease during the year ; 108 cases were notified (28 in Clapham, seven in Putney, 18 in Streatham, eight in Tooting, and 47 in Wandsworth).

Malaria.

Three deaths occurred from malaria ; one of these contracted the disease in Mesopotamia, another in India, and the third, a female, in Northern Rhodesia.

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

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

Of six Army cases, one contracted the disease in India, one in Gallipoli, one in Mesopotamia, one in N.W. Africa, and two in other parts.

One of the two females notified contracted the disease in Salonica, and the other in Northern Rhodesia.

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.

Diarrhœa.

Thirty-two deaths, 13 of males, and 19 of females, occurred from all forms of diarrhœa and enteritis during the year. Four of the deaths occurred in Clapham, four in Putney, eight in Streatham, six in Tooting, and 10 in Wandsworth. There was a decided decrease in all the sub-districts compared with 1921. The number of deaths is 89 below the corrected decennial average, and is the lowest ever recorded in the Borough.

The death-rate was $\cdot 09$ per 1,000 (in Clapham $\cdot 06$, in Putney $\cdot 13$, in Streatham $\cdot 07$, in Tooting $\cdot 14$, and in Wandsworth $\cdot 10$), compared with $\cdot 33$ in 1921, $\cdot 18$ in 1920, $\cdot 17$ in 1919, and $\cdot 32$ in 1918.

Of the total number of deaths from diarrhoea registered, 19, or 59 per cent., were of infants under one year.

The number of deaths from diarrhoea, zymotic enteritis, and enteritis under one year represents 9.4 per cent. of the total mortality at that age.

Dysentery.

One death occurred during the year. Three cases were notified (one in Clapham and two in Putney).

All the cases were males, and in two the disease was contracted during Army service in the following war areas: one in France and one in Salonica. The third case, a child of $2\frac{1}{2}$ years, is the son of a man who had been treated for dysentery in a military hospital and discharged as cured. He is stated to still pass blood and slime occasionally.

Trench Fever.

No case was notified during the year.

Measles and German Measles.

Seventy-two deaths occurred (16 in Clapham, five in Putney, 16 in Streatham, nine in Tooting, and 26 in Wandsworth).

The death-rate per 1,000 of population was $\cdot 21$, compared with $\cdot 012$ in 1921.

The notification of these diseases was discontinued at the end of 1919, but 50 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 XX, 1,613 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.

In all, 1,842 cases were reported, 25 under one year, 472 from one and under five years, 1,340 from five and under 15 years, and five over 15 years.

365 cases occurred in Clapham, 136 in Putney, 375 in Streatham, 237 in Tooting, and 729 in Wandsworth.

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

Except in Wandsworth, 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.

Thirty-seven cases of German measles were also reported (10 in Clapham, one in Putney, 19 in Streatham, four in Tooting, and three in Wandsworth).

During the year 1,380 visits were made in cases of these diseases (268 in Clapham, 97 in Putney, 331 in Streatham, 193 in Tooting, and 491 in Wandsworth).

The total number of premises disinfected was 1,001 (179 in Clapham, 89 in Putney, 199 in Streatham, 164 in Tooting, and 370 in Wandsworth).

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

TABLE XX.

School.	DISEASES.										Totals.
	Scarlet Fever.	Diphtheria.	Measles.	German Measles.	Chicken- pox.	Whooping Cough.	Mumps.	Ringworm.	Other Diseases.		
CLAPHAM.											
Aristotle Road	2	..	..	..	..	..	..	1	1	4
Bonneville Road	26	6	30	5	4	17	25	7	76	196	
Cavendish Road	15	10	86	..	1	5	4	..	11	132	
Cavendish Road Special ..	1	..	3	..	..	..	..	..	..	4
Christchurch	2	2	1	..	1	1	..	..	..	7
Clapham Parochial, Macaulay Road	7	2	..	..	..	..	..	..	..	9
Clapham Parochial, Old Town	8	4	49	..	..	22	..	..	14	97
Haselrigge Road	9	4	48	1	21	11	38	4	66	202	
Larkhall Lane	15	7	34	..	6	20	7	..	41	130	
New Park Road	4	17	7	1	..	17	6	1	13	66	
New Road	1	1	..	..	..	..	..	..	..	2
St. Andrew's Street	8	7	..	..	1	..	..	1	..	17
St. Mary's, Crescent Lane ..	5	4	5	..	..	..	..	..	..	14
St. Mary's, St. Alphonsus Road	2	..	4	..	..	..	..	..	..	6
Stonhouse Street	5	5	48	..	17	13	6	8	64	166	
Telferscot Road	18	5	75	..	5	9	74	6	69	261	
Total	128	74	390	7	56	115	160	28	355	1,313	
PUTNEY.											
All Saints'	2	1	18	..	3	..	..	2	1	27
Convent of Sacred Heart, Roehampton .. ..	..	3	6	..	..	3	..	..	..	12
Hotham Road	7	8	87	2	24	16	4	2	63	213	
Parochial, Roehampton	2	1	1	..	2	..	1	..	..	7
Roehampton Estate	4	4	1	..	3	9	1	..	..	22
St. Mary's	7	9	10	..	..	1	..	1	28	56
Upper Grade, Walker's Place	1	4	..	..	..	..	..	..	..	5
Total	23	30	123	2	32	29	6	5	92	342	
Carried forward	151	104	513	9	88	144	166	33	447	1,655	

TABLE XX—continued.

School.				DISEASES.									
				Scarlet Fever.	Diphtheria.	Measles.	German Measles.	Chicken- pox.	Whooping Cough.	Mumps.	Ringworm.	Other Diseases.	Totals.
Brought forward				151	104	513	9	88	144	166	33	447	1,655
STREATHAM.													
Broadwater Road				6	4	26	..	3	3	2	1	10	55
Broadwater Road Special ..				1	..	..	..	..	..	..	..	..	1
Balham High Road				11	..	9	..	2	8	3	..	15	48
Christchurch .. ..				..	..	4	..	..	..	..	..	..	4
Coventry Hall				1	1	..	..	..	..	..	..	..	2
Eardley Road				13	6	15	1	7	1	1	2	24	70
Fircroft Road				7	8	35	2	2	1	..	2	6	63
Furzedown Demonstration ..				5	..	9	1	11	6	4	..	27	63
Hearnville Road				8	1	3	..	3	32	..	2	28	77
Hearnville Road Special ..				..	..	..	..	..	..	..	..	1	1
Hitherfield Road				2	1	8	..	36	7	..	..	4	58
Holy Trinity, Balham				4	..	5	2	2	4	8	..	..	25
Holy Trinity, Streatham ..				1	1	..	..	..	..	..	..	..	2
Immanuel				1	1	13	..	..	..	..	..	..	15
Mitcham Lane				34	5	21	2	..	9	2	2	141	216
Nightingale Square, R.C... ..				3	1	..	1	..	5	..	..	9	19
Oldridge Road				17	7	31	1	2	20	2	3	85	168
Smallwood Road				15	9	15	..	5	9	4	9	37	103
St. Andrew's, Colmer Road ..				2	..	..	..	..	2	..	..	4	8
St. Andrew's, Polworth Road ..				1	..	..	..	..	..	..	..	..	1
St. Leonard's				9	..	2	..	..	..	..	..	7	18
St. Mary's, Balham				6	..	25	..	6	7	9	..	20	73
Sunnyhill Road				2	1	23	..	20	24	..	1	36	107
Welham Road, County Secondary				7	1	2	..	..	..	..	..	3	13
Total				156	47	246	10	99	138	35	22	457	1,210
Carried forward				307	151	759	19	187	282	201	55	904	2,865

TABLE XX—continued.

School.	Diseases.										Totals.
	Scarlet Fever.	Diphtheria.	Measles.	German Measles.	Chicken- pox.	Whooping Cough.	Mumps.	Ringworm.	Other Diseases.		
Brought forward	307	151	759	19	187	282	201	55	904	2,865	
TOOTING.											
Ensham	16	4	16	..	26	14	..	..	35	111
Fountain Road	6	2	31	..	17	29	2	3	66	156	
Franciscan Road	7	6	44	4	13	2	2	1	65	144	
Hillbrook Road	5	16	104	6	14	35	1	4	13	198	
Sellincourt Road	13	30	3	..	8	12	7	1	131	205	
Tooting Graveney	17	7	33	..	4	3	4	3	36	107	
Undine Street, R.C.	1	1	9	1	1	14	7	5	20	59	
Total	65	66	240	11	83	109	23	17	366	980	
WANDSWORTH.											
Allfarthing Lane .. .. .	..	..	16	..	9	..	..	..	5	30
All Saints'	9	2	20	..	1	3	..	..	21	56
Brandlehow Road	4	11	4	..	12	7	..	4	6	48	
Earlsfield	27	9	43	..	7	33	1	10	46	176	
Elliott Central	7	..	..	..	..	..	..	..	..	7
Eltringham Street.. .. .	15	6	37	..	3	25	..	..	29	115
Frogmore Special	1	..	..	..	..	..	..	..	5	6
Garratt Lane	29	7	52	..	3	1	1	7	57	157	
Littleton Street Special	3	..	..	..	..	..	..	..	..	3
Magdalen Road	7	1	35	..	14	10	..	2	1	70	
Merton Road	14	6	17	..	..	..	2	..	33	72
Riversdale	17	10	63	1	4	20	..	6	24	145	
St. Ann's	4	14	20	..	8	2	2	3	33	86	
St. Faith's	2	3	31	..	3	5	..	3	10	57	
St. Joseph's	2	..	17	..	..	4	..	1	4	28
St. Michael's	3	..	26	..	2	9	4	1	1	46	
Southfields	27	9	74	..	40	33	1	4	21	209	
Swaffield Road	35	19	56	..	65	8	4	20	63	270	
Waldron Road	26	8	18	..	11	13	3	13	129	221	
Wandle	22	9	15	..	4	4	1	2	56	113	
Warple Way	1	6	8	1	1	5	..	..	38	60
West Hill	9	7	62	..	4	4	1	2	2	91	
Total	264	127	614	2	191	186	20	78	584	2,066	
GRAND TOTAL	636	344	1613	32	461	577	244	150	1854	5,911	

Whooping Cough.

Forty-four deaths (seven in Clapham, two in Putney, 14 in Streatham, three in Tooting, and 18 in Wandsworth) occurred during the year.

1,056 cases were notified (188 in Clapham, 99 in Putney, 328 in Streatham, 94 in Tooting, and 347 in Wandsworth); 130 of these were infants under one year of age, 531 from one and under five years, 370 from five and under 15 years, 18 from 15 and under 35 years, and seven over 35 years.

Thirty-four cases were removed to hospital.

This disease was not so prevalent in the Borough during the year, especially in Putney, Tooting, and Wandsworth.

Epidemic Influenza.

148 deaths (28 in Clapham, 10 in Putney, 50 in Streatham, 12 in Tooting, and 48 in Wandsworth) occurred during the year. The death-rate was $\cdot 44$ per 1,000. The number of deaths represents 3·9 per cent. of the total mortality from all causes, compared with 2·3 per cent. in 1921, 2·2 per cent. in 1920, 8·2 per cent. in 1919.

Influenzal Pneumonia and Acute Primary Pneumonia.

180 cases of influenzal pneumonia were notified (38 in Clapham, 16 in Putney, 56 in Streatham, 20 in Tooting, and 50 in Wandsworth), compared with 79 in 1921.

Three of the cases were under one year, 15 from one and under five years, 15 from five and under 15 years, 43 from 15 and under 35 years, 32 from 35 and under 45 years, 38 from 45 and under 65 years, and 34 over 65 years.

466 notifications of cases of acute primary pneumonia were received (79 in Clapham, 48 in Putney, 79 in Streatham, 56 in Tooting, and 204 in Wandsworth), compared with 374 in 1921.

Thirty-six of the cases were infants under one year, 114 from one and under five years, 64 from five and under 15 years, 94 from 15 and under 35 years, 40 from 35 and under 45 years, 76 from 45 and under 65 years, and 42 over 65 years.

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

Other Infective Diseases.

Nineteen deaths occurred (three in Clapham, three in Putney, six in Streatham, three in Tooting, and four in Wandsworth).

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

Six of the deaths were due to syphilis, six to septicæmia, three to malaria, two to encephalitis lethargica, one to dysentery, and one to tetanus.

NON-INFECTIVE DISEASES MORTALITY.

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 XXI.—DEATHS FROM NON-INFECTIVE DISEASES.

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	10 years' average corrected for increase of population.	1922
Cancer	338	352	393	398	398	407	375	399	403	412	404	450
Circulatory Diseases	357	411	426	492	504	551	541	601	583	558	524	613
Respiratory Diseases	530	622	519	792	567	664	686	627	545	585	640	624
Premature Birth ..	240	234	249	225	235	189	179	192	235	184	225	160
Violence	116	115	113	115	114	127	98	111	113	122	119	128
All other Diseases	1,025	1,057	1,130	1,166	1,119	1,064	956	991	1,001	852	1,080	1,015
TOTALS ..	2,606	2,791	2,840	3,188	2,937	3,002	2,835	2,921	2,880	2,813	3,005	2,990

Cancer.

The total number of deaths from cancer and other malignant diseases was 450, 205 of males and 245 of females. Eighty-nine of these occurred in Clapham, 52 in Putney, 150 in Streatham, 43 in Tooting, and 116 in Wandsworth.

The corrected death-rate was 1·34 per 1,000, and for the sub-districts as follows:—Clapham, 1·44; Putney, 1·76; Streatham, 1·41; Tooting, 1·09; and Wandsworth, 1·19.

Two of the deaths occurred from five and under 15 years, one from 15 and under 25 years, 38 at 25 and under 45 years, 209 at 45 and under 65 years, and 200 over 65 years.

The number of deaths is 38 above last year, and 45 above the corrected decennial average.

Diseases of the Brain and Nervous System.

From these diseases 307 deaths occurred, 61 in Clapham, 23 in Putney, 109 in Streatham, 39 in Tooting, and 75 in Wandsworth.

The number of deaths is 10 above last year.

Sixteen of the deaths were due to meningitis, 155 to cerebral hæmorrhage or apoplexy, 21 to convulsions, and 115 to other diseases of the nervous system.

Circulatory Diseases.

From the above group of diseases, 613 deaths occurred, 459 of which, 178 males and 281 females, were due to organic disease of the heart.

119 of these deaths occurred in Clapham, 59 in Putney, 214 in Streatham, 63 in Tooting, and 158 in Wandsworth.

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

The number of deaths is 55 more than in 1921, and 89 above the corrected decennial average.

Respiratory Diseases.

The total number of deaths was 624, 149 in Clapham, 53 in Putney, 177 in Streatham, 54 in Tooting, and 191 in Wandsworth.

339 of the deaths occurred from bronchitis, 47 from lobar pneumonia, 113 from lobular or broncho-pneumonia, 76 from pneumonia in which the exact form was not distinguished, and 49 from other diseases of the respiratory organs.

67 of the deaths were of infants under one year, 39 from one and under two years, 16 from two and under five years, 11 from five and under 15 years, 11 from 15 and under 25 years, 38 from 25 and under 45 years, 136 from 45 and under 65 years, and 306 over 65 years.

The number of deaths is 39 above last year, but is 16 under the corrected decennial average.

Deaths from other Causes.

From appendicitis and typhlitis 24 deaths, 14 of males and 10 of females, occurred.

From alcoholism, acute and chronic, one death, a female, occurred ; and 16, seven of males and nine of females, from cirrhosis of the liver.

From nephritis and Bright's disease, 124 deaths occurred, 58 of males and 66 of females.

From accidents and diseases of pregnancy and child birth 14 deaths occurred. This, added to the number of deaths from puerperal fever—viz., three—gives a total of 17 deaths after child birth, or a proportion of 3.0 per 1,000 births, compared with 1.7 in 1921.

Diabetes mellitus was the cause of 54 deaths, 24 of males and 30 of females.

Premature Birth and Developmental Diseases.

160 deaths, 89 of males and 71 of females, were registered as having occurred from these diseases.

78 of the deaths were due to premature birth, 68 to developmental diseases, and 14 from other diseases of early infancy. 155 were of infants under one year, three from one and under two years, and two over two years.

The number of deaths is 24 under last year, and 65 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.

190 deaths, 69 of males and 121 of females, occurred from old age, 41 in Clapham, 19 in Putney, 62 in Streatham, 21 in Tooting, and 47 in Wandsworth. All the deaths were of persons over 65 years of age.

Violence.

128 deaths, 87 of males and 41 of females, occurred from violence, 100 of the deaths being due to accidental, and 23 to suicidal causes, while five deaths were caused by other forms of violence.

25 of the deaths belonged to Clapham, 22 to Putney, 38 to Streatham, 14 to Tooting, and 29 to Wandsworth.

Inquests.

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

TABLE XXII.

Inquests.	Sub-Districts.					Whole Borough.
	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	
Deaths from Natural Causes ..	8	12	12	15	21	68
Accidental—						
Falls	1	1	1	9	1	13
Run over by motor vehicles ..	..	3	1	1	2	7
Fall downstairs	2	..	3	..	..	5
Scalds .. .. .	..	2	..	1	1	4
Suffocated by food in larynx ..	1	..	..	2	..	3
Suffocated in bed with parents	1	1	1	..	..	3
Burns .. .. .	..	1	..	..	1	2
Fall from railings .. ..	..	1	..	..	..	1
Fall from wall .. .. .	..	..	1	..	..	1
Fall from bicycle .. ..	..	..	1	..	..	1
Asphyxiated by fumes from geyser	..	..	1	..	..	1
Knocked down by train ..	..	..	1	..	..	1
Drowning .. .. .	..	..	..	..	1	1
Suicidal—						
Poisoning by coal gas .. ..	..	1	1	..	3	5
Hanging .. .. .	..	3	..	..	1	4
Drowning .. .. .	..	1	..	..	1	2
Cut throat .. .. .	..	1	1	..	..	2
Poisoning by Oxalic Acid ..	..	1	..	..	..	1
Do. Carbolic Acid .. ..	..	..	1	..	..	1
Do. Lysol .. .. .	..	..	1	..	..	1
Do. Cyanide of Potassium ..	..	..	1	..	..	1
Do. Strychnine .. .. .	..	..	..	..	1	1
Open Verdicts—						
Found drowned .. .. .	..	1	..	..	1	2
Found dead .. .. .	..	..	1	..	..	1
Murder .. .. .	..	3	..	..	..	3
Execution .. .. .	..	..	..	..	2	2
Totals	13	32	28	28	36	137

TABLE XXIII.

Inquests.	Sub-Districts.					Whole Borough.
	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	
Deaths from Natural Causes ..	4	4	12	2	11	33
Accidental—						
Run over by motor vehicles ..	3	1	7	3	6	20
Falls	2	..	2	2	1	7
Fall down stairs	2	..	..	2	1	5
Scalds	1	..	1	1	1	4
Fall from bicycle .. .. .	..	1	..	..	3	4
Knocked down by tramcar ..	..	..	3	..	..	3
Fall from ladder .. .. .	..	1	1	..	..	2
Fall from roof .. .. .	..	..	..	..	2	2
Knocked down by train ..	..	..	1	..	1	2
Suffocated by regurgitated food	2	..	..	..	..	2
Death under anæsthetic ..	..	..	1	..	1	2
Fall down lift shaft .. ..	..	..	..	1	..	1
Burns from exploded petrol tank	1	..	..	..	..	1
Crushed by steam lorry ..	..	..	1	..	..	1
Knocked down by runaway horse	..	..	..	..	1	1
Gunshot wounds .. .. .	..	..	1	..	..	1
Burns .. .. .	..	..	..	..	1	1
Crushed by overturned motor car	..	..	..	..	1	1
Suicidal—						
Drowning	3	..	..	..	..	3
Cut throat .. .. .	..	..	..	2	..	2
Gunshot wounds .. .. .	..	..	1	..	1	2
Fall from cliff .. .. .	..	..	..	..	1	1
Jumped in front of train ..	..	..	..	1	..	1
Poisoning by Hydrochloric Acid	1	..	..	..	..	1
Do. Carbolic Acid .. ..	..	..	1	..	..	1
Open Verdicts—						
Found drowned	3	..	1	1	..	5
Found dead .. .. .	..	..	..	1	..	1
Murder .. .. .	..	..	1	..	..	1
Totals	22	7	34	16	32	111

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, four bodies were removed to the Mortuary, in Streatham 16, and in Wandsworth 168—of which 57 were from Wandsworth, 31 from Putney, 36 from Tooting, 43 from Battersea, and one from Wimbledon—a total of 188.

Tuberculous Diseases.

The total number of deaths from diseases of a tuberculous nature was 343, 181 of males and 162 of females.

286 of the deaths were due to pulmonary tuberculosis, 148 of males, and 138 of females; 31 to tuberculous disease of the brain; and 26 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 XXIV.

SUB-DISTRICT.	Pulmonary Tuberculosis.		Other Tuberculous Diseases.		TOTAL.	
	No. of Deaths.	Rate.	No. of Deaths.	Rate.	No. of Deaths.	Rate.
Clapham	59	·95	8	·12	67	1·08
Putney	24	·81	1	·03	25	·84
Streatham	77	·72	18	·16	95	·89
Tooting	37	·94	7	·19	44	1·12
Wandsworth	89	·91	23	·23	112	1·15
Whole Borough	286	·85	57	·17	343	1·02

There has been a decided decrease in the rate from pulmonary tuberculosis in all the sub-districts, especially in Putney, Tooting and Wandsworth, compared with 1921, and in Streatham, Tooting and Wandsworth compared with the decennial average.

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 XXV.

	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	Average for 10 yrs.	1922
Clapham ..	116	93	93	97	105	107	112	87	88	101	99	95
Putney ..	97	55	78	109	99	92	128	105	41	107	90	81
Streatham ..	73	76	71	83	90	102	115	92	69	80	85	72
Tooting ..	87	69	87	123	103	120	171	82	82	137	106	94
Wandsworth	112	109	122	103	114	129	126	77	79	106	107	91
Whole borough	96	88	93	99	102	112	122	87	75	100	97	85

Notification of Tuberculous Diseases.

The total number of cases of pulmonary tuberculosis notified during the year was 398 (84 were from Clapham, 33 from Putney, 105 from Streatham, 56 from Tooting, and 120 from Wandsworth), compared with 490 in 1921, 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.

One case was under one year of age, one from three and under four years, 14 from five and under 15 years, 203 from 15 and under 35 years, 87 from 35 and under 45 years, 84 from 45 and under 65 years, and eight over 65 years.

In Table XXVI. 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 XXVI.

Year.	Cases re-reported.	Deaths.										Total.	Re-moved.	Re-covered.	Cases on Register.
		1909 to 1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.	1921.	1922.				
1909 to 1913	2,830	1,091	157	88	52	23	33	15	5	6	20	1,490	948	157	235
1914	706	..	177	88	37	22	13	5	5	4	8	359	215	33	99
1915	646	..	..	199	82	27	20	12	6	5	6	357	167	24	98
1916	590	..	..	..	162	69	38	13	11	9	4	306	160	21	103
1917	622	..	..	..	..	183	79	34	9	6	6	317	121	15	169
1918	777	..	..	..	..	..	199	71	27	20	18	335	151	26	265
1919	788	..	..	..	..	..	..	158	76	34	26	294	118	25	351
1920	634	..	..	..	..	..	..	..	112	83	33	228	62	16	328
1921	490	..	..	..	..	..	..	..	..	170	66	236	33	4	217
1922	398	..	..	..	..	..	..	..	..	..	121	121	8	1	268
TOTAL ..	8,481	1,091	334	375	333	324	382	308	251	337	308	4,043	1,983	322	2,133

NOTE.—The number of deaths for 1922 do not correspond with the number of deaths from Pulmonary Tuberculosis shown in Table II, as 22 cases notified died from other causes.

In Table XXVI it will be seen that since 1909, 8,481 cases of pulmonary tuberculosis have been reported.

With regard to the notifications of cases of non-pulmonary tuberculosis, in all 145 cases were notified (22 from Clapham, nine from Putney, 36 from Streatham, 20 from Tooting, and 56 from Wandsworth).

Table XXVII 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 28 cases were notified and 26 died.

TABLE XXVII.

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	28	12	16	9	7	3	4	2	..	2	1	..	..	..	11	15	26	..	2
Glands, Mediastinal	2	2	..	..	..	..	1	..	..	..	..	1	..	..	1	..	1	..	1
" Mesenteric	15	8	7	..	2	2	3	6	1	1	..	..	..	..	2	..	2	..	13
" Cervical	39	19	20	..	4	13	10	2	1	7	2	..	..	..	1	1	2	4	33
Bones and joints	31	18	13	..	2	6	9	4	4	3	1	1	..	1	2	1	3	2	26
Skin	3	2	1	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	3
Larynx	4	2	2	..	..	..	..	..	..	1	1	2	..	..	2	..	2	..	2
General Tuberculosis	9	9	..	..	3	..	1	1	..	1	1	1	1	..	9	..	9	..	..
Other parts	14	12	2	..	..	..	..	2	3	5	1	1	1	1	1	1	2	..	12
TOTAL	145	84	61	9	18	25	29	17	9	20	7	7	2	2	29	18	47	6	92

The next Table shows the number of cases notified, the number which died, removed, and recovered from 1913 to 1922, and the number still remaining on the Register at the end of 1922.

TABLE XXVIII.

Year.	Cases Notified.	Deaths.											Removed.	Recovered.	Cases on Register.
		1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	Total.			
1913 ..	323	46	10	5	6	..	1	2	..	1	..	71	112	54	86
1914 ..	198	..	68	5	4	..	1	..	..	1	..	79	51	26	42
1915 ..	234	..	..	84	7	1	1	2	..	1	2	98	46	38	52
1916 ..	215	..	..	..	67	5	5	..	..	1	..	78	51	23	63
1917 ..	193	..	..	..	..	63	4	2	3	1	1	74	34	19	66
1918 ..	218	..	..	..	..	..	67	6	..	1	..	74	30	27	87
1919 ..	163	..	..	..	..	..	..	41	5	1	..	47	20	12	84
1920 ..	156	..	..	..	..	..	..	..	41	6	6	53	10	6	87
1921 ..	147	..	..	..	..	..	..	..	..	46	3	49	14	3	81
1922 ..	145	..	..	..	..	..	..	..	..	..	47	47	6	3	89
Total	1,992	46	78	94	84	69	79	53	49	59	59	670	374	211	737

Table XXIX is a summary of notifications during the period from the 1st January, 1922, to the 30th December, 1922.

TABLE XXIX.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from 1st January, 1922, to 30th December, 1922.

AGE PERIODS.	Number of Notifications on Form A.													Number of Notifications on Form B.					Number of Notifications on Form C.	
	Primary Notifications.													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.	Total Notifications on Form A.	Under 5.	5 to 10.	10 to 15.	Total.	Total Notifications on Form B.		
Pulmonary—																				
Males	1	1	4	2	13	40	39	47	34	23	4	208	263	..	..	..	..	..	75	180
Females .. ..	..	..	3	4	17	27	54	38	15	7	2	167	197	..	..	..	..	..	74	122
Non-Pulmonary—																				
Males	4	11	15	16	8	6	7	4	5	4	1	81	102	..	1	1	2	3	19	16
Females	4	7	5	9	7	3	12	4	1	..	1	53	67	..	1	1	2	2	10	8

The total number of visits made was 1,149 in cases of pulmonary tuberculosis, 188 in Clapham, 82 in Putney, 258 in Streatham, 241 in Tooting, and 380 in Wandsworth, and 438 in cases of other forms of tuberculosis, 68 in Clapham, 30 in Putney, 81 in Streatham, 67 in Tooting, and 192 in Wandsworth. In addition to these visits by the Health Visitor, 3,658 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 20 sputum flasks have been supplied, and in eight of the cases visited the patients already had one.

During the year disinfection was carried out at 303 premises either after the death or removal of the patient; 54 of the premises disinfected were in Clapham, 24 in Putney, 90 in Streatham, 37 in Tooting, and 98 in Wandsworth.

TUBERCULOSIS DISPENSARIES.

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

INSTITUTIONAL TREATMENT.—The responsibility for Institutional Treatment of all persons now rests with the London County Council. 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 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 XXXI., a smaller number of cases has been referred to the Hospital under this arrangement than the previous year, due to the fact that it has not been found necessary to send so many cases to that Hospital for examination. 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. Forty-five patients received dental treatment and 20 of them were supplied with dentures. The attendances at the dentist totalled 148.

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 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. 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. During the year under consideration, 83 patients have been granted extra nourishment under the scheme at a cost of £156 6s. 4d. The scheme has been found to be of great help in the treatment of the types of patient mentioned above.

SHELTERS.—The two shelters have been in continuous use during the year; and more, if available, could have been utilised.

DETAILS OF WORK DURING 1922.—Table XXX. shows in the first column the number of cases under observation at the Dispensary at the beginning of the year; then the number of new cases examined during the year; and, finally, the number of cases under observation pending diagnosis at the end of the year. The total number of cases thus dealt with is divided into three sub-groups, according as they have been found to be suffering from tuberculosis of the lungs or of other organs, or free from tuberculosis. These cases are all divided into groups according to whether adults or children, and also according to sex.

After giving the above details regarding all new cases, the table deals with the contacts in a similar manner, and then with the insured persons.

TABLE XXX.

Number of	Under obser- vation at the Dispensary on Jan. 1st pending diagnosis.	Examined for the first time during the year.	Total.	Found to be			Under obser- vation at the Dispensary on Dec. 31st pending diagnosis.	Ceased attend- ance before com- pletion of diagnosis.
				Suffering from Tuberculosis.		Not suffering from Tuber- culosis.		
				Pulmonary	Non- Pulmonary			
(a) All persons (including "Contacts")—								
Adults—								
Males	11	368	379	142	12	216	5	4
Females	10	404	414	96	14	294	7	3
Children under 15—								
Males	7	319	326	4	21	297	4	..
Females	7	267	274	4	12	253	5	..
TOTAL	35	1,358	1,393	246	59	1,060	21	7
(b) "Contacts" (included in (a))—								
Adults—								
Males	1	57	58	3	..	55	..	..
Females .. .. .	..	131	131	5	..	126	..	..
Children under 15—								
Males	1	161	162	..	1	161	..	..
Females .. .. .	..	140	140	1	1	138	..	..
(c) Insured persons (included in (a))—								
Males	11	318	329	116	10	194	5	4
Females	7	105	112	34	4	67	4	3

Table XXXI. gives further details of the year's work.

TABLE XXXI.

1. Number of patients under treatment or supervision (excluding persons under observation or domiciliary treatment) on the 31st December, 1922	1,239
2. Total number of attendances of patients at the Dispensary during the year—	
Insured	4,147
Uninsured	4,075
3. Number of complete examinations of patients made	3,972
4. Number of persons placed during the year under observation for the purpose of diagnosis	117
5. Number of cases in which the period of observation exceeded two months	41
6. Number of insured patients under domiciliary treatment on 31st December, 1922	278
7. Number of reports received from Insurance Practitioners in respect of insured patients under domiciliary treatment during the year	86
8. Number of persons referred to St. Thomas's Hospital for consultation	43
9. Number of consultations with medical practitioners at the homes of patients—	
Insured	9
Uninsured	15
10. Number of other visits paid by Tuberculosis Officers to the homes of patients	390
11. Number of visits paid by Nurses to the homes of patients	3,658
12. Number of specimens of sputum examined	1,310
13. Number of written reports made	3,309

Table XXXII gives the numbers of new cases living in each of the five sub-districts, and shows on whose recommendation they made the first attendance.

TABLE XXXII.

	Clapham.	Putney.	Streatham.	Tooting.	Wandsworth.	Outside Borough.	Totals.
Public Health Department	79	30	116	166	217	2	610
Private Practitioners ..	56	17	52	43	133	6	307
Charitable Societies ..	2	2	2	2	2	3	13
Transfers from other Dispensaries	8	..	3	2	3	..	16
London County Council..	5	3	10	10	19	..	47
Existing Dispensary Patients.. ..	9	1	15	32	56	2	115
Ministry of Pensions ..	14	10	14	13	18	..	69
Other Sources	15	9	9	22	126	..	181
TOTALS	188	72	221	290	574	13	1,358

TABLE XXXIII.

Particulars relating to Discharged Soldiers attending at the Dispensaries.

	New Cases.	Old Cases.	Total Attendances.
Tuberculous	61	327	2,578
Non-Tuberculous	50	42	215
TOTALS	111	369	2,793

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

CONTACTS—Of the 1,358 new cases examined, 489 were contacts. Eleven of these were found to be suffering from tuberculosis.

CARE COMMITTEE.—In November, 1916, the Wandsworth Borough Council, acting on the suggestion of the Ministry of Health, appointed an Interim Tuberculosis Care Committee. Upon the suggestion of the London County Council, the subject was further considered, and a permanent Tuberculosis Care Committee of a representative character was appointed. In November, 1922, letters were received from the Ministry of Health and the London County Council approving the appointment of the permanent Tuberculosis Care Committee for the Borough.

In previous years the custom was for the full Care Committee to meet once a month—with additional meetings of the Sub-Committees on alternate fortnights. During 1922, however, it was found necessary to hold weekly meetings of the full committee alternately at the Wandsworth and Balham Dispensaries. In addition, arrangements have been made for dealing, in consultation with the Tuberculosis Officer, with urgent matters arising between meetings of the Care Committee.

In December, 1922, the Committee was unfortunate in losing the services of Miss F. Walker, who has fulfilled the duties of Hon. Secretary since the inception of the Care Committee Scheme. Mr. A. R. Watson, who has had considerable experience in social welfare work, was appointed as successor to Miss Walker.

Most of the charitable institutions in the neighbourhood are represented on the Committee, and much valuable assistance has been rendered to the necessitous patients. The help given by the representatives of the Charity Organisation Society and the Invalid Children's Aid Association in arranging for the treatment of adults and children in Convalescent Homes, and in other directions, has been invaluable. Increasing co-operation with local charitable institutions has tended to extend the activities of the Committee, and has provided much useful information regarding dispensary cases.

Forty-one advanced cases have been visited regularly at their own homes by Care Committee Visitors in addition to those patients visited by the Dispensary Nurses. Medical and nursing requisites, such as water-beds, air and water cushions, bed-rests, feeding-cups,

&c., have been gradually acquired by the Committee, and these articles are provided on loan to necessitous cases. Members of the Committee have also kept in touch with those Dispensary patients who enter St. James' Hospital, 62 of these cases having been visited weekly during the year. These visits are greatly appreciated by the patients.

Two beds have been bought by the Committee, and these are of great value in minimising the risk of infection in homes where there is insufficient bed accommodation. One of these has been in constant use in one of the shelters supplied by the Borough Council.

Articles of clothing have been supplied to patients in need of it, especially to patients entering institutions.

During the year under review it has been found more difficult to obtain suitable employment for patients. The girl patients who were placed as Probationers in Sanatoria last year are still going on with their training, one having been transferred to a General Hospital in Devon to complete her training as a Nurse. Suitable employment has been found with a local firm of gardeners for two young men, and both are making very satisfactory progress. Various other temporary situations—such as jobbing gardening for men, and house or needle work for women—have been found from time to time.

Further efforts were made during the year to raise funds for the maintenance of beds for advanced cases of tuberculosis at St. Columba's Hospital, Hampstead. Largely through the instrumentality of Mrs. Nicol, the "Streatham New Players" Amateur Dramatic Society gave several performances at the Congregational Church Hall, Streatham, and the amount raised by this means was £103. A small Sale of Work arranged by Miss Moores, one of the Dispensary Nurses, realised £20 in aid of this fund. As a result of such voluntary efforts, one or more beds have been in use continuously during the year. As there is always great difficulty in arranging for institutional treatment under the London County Council's Scheme for very advanced cases who are too ill to be treated at home, the beds maintained at St. Columba's Home by this voluntary fund have been of the greatest service. All patients treated in this home have been very grateful for the care and attention given to them.

SPUTUM EXAMINATIONS.—The number of sputum examinations made during the year shows a large increase on previous years, 1,310 specimens being examined, compared with 1,054 in 1921, 601 in 1920, and 204 in 1919. Of these, 260 or 19·85 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 XXXIV. shows the number of new cases and total attendances at each of the Dispensaries for the ten years during which they have been open.

TABLE XXXIV.
NEW CASES AND TOTAL ATTENDANCES.

Year.	New Cases.			Total Attendances.		
	Wands-worth.	Balham.	Total.	Wands-worth.	Balham.	Total.
1913	707	219	926	4,009	1,169	5,178
1914	664	303	967	4,991	2,573	7,564
1915	430	287	717	3,888	2,661	6,549
1916	628	445	1,073	5,480	3,906	9,386
1917	739	476	1,215	6,992	5,576	12,568
1918	752	603	1,355	9,223	7,821	17,044
1919	994	728	1,722	9,981	8,241	18,222
1920	1,091	595	1,686	7,633	5,019	12,652
1921	1,015	540	1,555	6,554	3,955	10,509
1922	846	512	1,358	5,038	3,184	8,222
TOTALS ..	7,866	4,708	12,574	63,789	44,105	107,894

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

(1) Definite cases of tuberculosis—

This group is divided according to the site of the lesion, into pulmonary cases (the lungs being affected)

and non-pulmonary cases (the disease affecting organs other than the lungs). Each of these divisions is further subdivided according as the disease was or was not of an active nature.

(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 XXXV.

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	1,073
1917 ..	289	35	73	4	14	800	1,215
1918 ..	365	63	114	13	7	793	1,355
1919 ..	371	54	91	10	17	1,179	1,722
1920 ..	321	43	109	14	14	1,185	1,686
1921 ..	301	58	36	7	12	1,141	1,555
1922 ..	217	29	51	8	21	1,032	1,358
TOTALS	2,823	448	597	88	115	8,503	12,574

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, 1922 :—

(1) No. of admissions to the Poor Law Institutions	2,962
(2) No. of medical orders given 	2,682
(3) Average No. of persons in receipt of outdoor relief	6,471
(4) Amount of outdoor relief given 	£98,693

The total number of deaths in Poor Law Institutions was 806, or 21·4 per cent. of the total deaths. Of these, only six deaths occurred in a Poor Law Institution in the Borough, and 800 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 XXXVI.

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—		POOR LAW HOSPITALS AND INFIRMARIES—	
Wandsworth Union Infirmarys ..	785	Fountain Mental Hospital ..	4
Banstead Mental Hospital ..	13	Springfield Mental Hospital ..	2
Bethlem Royal Hospital ..	2	Swaffield Road Institution ..	6
Camberwell House Mental Hosp.	3	Tooting Bec Mental Hospital ..	9
Cane Hill Mental Hospital ..	13		
Caterham Mental Hospital ..	6	OTHER HOSPITALS—	
Chelsea Infirmary ..	2	Grove Hospital	59
Colney Hatch Mental Hospital ..	4	Hostel of God	5
Dartford Heath Mental Hospital	2	Putney Hospital	14
Fulham Infirmary ..	3	South London Hosp. for Women	12
Hanwell Mental Hospital ..	3	Weir Hospital	18
Horton Mental Hospital ..	12		
Lambeth Infirmary ..	2	OTHER INSTITUTIONS, ETC.—	
Leavesden Mental Hospital ..	9	Wandsworth Borough Memorial	
Long Grove Mental Hospital ..	31	Maternity Home	6
Westminster Infirmary ..	4	Other Places not Public Institu-	
Other Poor Law Institutions ..	4	tions	16
Other Mental Institutions ..	9	On Street	9
		River Thames	1
		Nursing Homes	52
			<hr/> 213
OTHER HOSPITALS—			
Battersea General Hospital ..	2		
Belgrave Hospital ..	16	OTHER INSTITUTIONS, ETC.—	
Bolingbroke Hospital ..	16	Other Institutions	52
Brompton Hospital ..	5	Other Places not Public Insti-	
Cancer Hospital ..	5	tutions	87
Charing Cross Hospital ..	16	On Street	18
Chelsea Hospital for Women ..	4	River Thames	3
Clapham Maternity Hospital ..	5	Private Nursing Homes	25
Collindale Hospital ..	10		
Gt. Ormonde Street Hospital ..	4		
Guy's Hospital ..	10		
Homeopathic Hospital ..	3		
Infants' Hospital ..	2		
			<hr/> 1,368

Vaccination.

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

Table XXXVII is taken from the official returns of the Vaccination Officers to the Board of Guardians for the year 1921. 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 XXXVII.

SUB-DISTRICTS.	Number of Births returned from 1st January to 31st December, 1921.	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	1,064	534	5	..	47	352	10	14	50	52
Putney	413	285	3	..	22	79	5	12	4	3
Streatham	2,858	1,096	5	..	118	1,039	17	163	164	256
Wandsworth	1,726	947	6	..	81	505	16	20	73	78
TOTALS	6,061	2,862	19	..	268	1,975	48	209	291	389

The percentage of children vaccinated to total births was only 47·2, 50·1 in Clapham, 69 in Putney, 38·3 in Streatham, etc., and 54·8 in Wandsworth.

Scabies.

The names of 30 school children, eight from Clapham, two from Putney, three from Streatham, five from Tooting, and 12 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 11 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, 41 other cases 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.

Disinfection.

The total number of rooms disinfected after the occurrence of cases of infectious disease was 5,554 (946 in Clapham, 437 in Putney, 1,434 in Streatham, 781 in Tooting, and 1,956 in Wandsworth).

Five public and four private elementary schools were also disinfected on account of various infectious diseases.

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 £2,702 10s. 7d.

The number of lots of bedding stoved was ...	2,446
Cost per lot of bedding	£1 2s. 1d.

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.

MATERNITY AND CHILD WELFARE.

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., 5,570, 4,521 or 81·1 per cent. were visited, compared with 77·18 per cent. in 1921.

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

TABLE XXXVIII.—*continued.*

Year ended December 31st, 1922.	CLAPHAM.		PUTNEY.	STREATHAM.		TOOTING.	WANDSWORTH.			Borough.
	North Ward.	South Ward.		Balham Ward.	Streatham Ward.		South-field Ward.	Fair-field Ward.	Spring-field. Ward.	
Measles—										
Visits	29	30	19	41	41	57	43	24	96	380
Re-visits	7	2	1	1	6	3	..	..	3	23
Whooping Cough—										
Visits	47	26	33	66	36	76	48	33	79	444
Re-visits	11	2	5	2	6	5	..	4	2	37
Investigation of death of infants ..	43	15	24	41	22	43	31	32	45	296
Attendance at Infant Welfare Centres	107	..	53	101	96	102	58	49	54	620
Attendance at Ante-natal Centres ..	16	..	22	28	29	35	21	..	27	178
Committee meetings	5	..	15	5	9	23	13	13	6	89
Visits <i>re</i> supply of milk and food ..	9	8	31	107	122	22	37	39	23	398
Visits <i>re</i> dental treatment .. .. .	..	..	1	9	1	3	..	..	..	14
Visits to crèches .. .. .	..	..	53	18	..	30	..	31	..	132
Health talks to mothers.. .. .	53	..	17	7	28	40	2	3	3	153
Miscellaneous visits	65	25	26	169	114	56	54	74	40	623
Ineffectual visits	302	186	382	556	217	255	284	214	244	2,640
TOTAL	2,269	1,461	2,025	3,545	2,160	2,118	1,704	1,236	2,149	18,667
Nuisances reported to Medical Officer of Health	36	27	..	35	4	46	26	28	52	254

Infant Visiting.

The total number of visits and re-visits was 9,103, of which 4,521 were first visits, compared with 4,760 in the previous year. The re-visits numbered 4,582 as against 4,878.

At the first visit 3,668 were entirely breast-fed, 351 were breast-fed supplemented by artificial feeding, and the remainder were entirely bottle fed.

On re-visiting 2,223 were found to be entirely breast-fed, 1,180 were breast-fed supplemented by artificial feeding, and the remainder were otherwise fed.

133 of the infants visited died during the year (34 in Clapham, seven in Putney, 23 in Balham, four in Streatham, 21 in Tooting, and 44 in Wandsworth).

122 of the infants visited were prematurely born, and 98 were delicate from birth, 90 twin-births were visited, of whom 10 died.

With regard to the employment of midwives, 1,645 mothers had employed their services, 776 infants were born in hospital, maternity homes and other institutions, and two unregistered women were employed.

In 2,098 births, doctors have been in attendance.

169 children between the ages of one and two years were visited and 890 were re-visited; 145 children between the ages of two and five years were visited, and 1,420 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 169 children under two years of age, and 145 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 582 as against 491 in 1921.

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, 31 intimation notices were served by the two Health Visitors, who are also Sanitary Inspectors.

TABLE XXXIX.

	Clapham North.	Clapham South.	Putney.	Balham.	Streatham.	Tooting.	Southfield.	Fairfield.	Springfield.	Borough.
Infants visited	547	370	325	640	595	639	420	298	687	4,521
Breast-fed	465	318	257	532	478	499	330	259	530	3,668
Otherwise fed	82	52	68	108	117	140	90	39	157	853
Infants re-visited	686	562	507	1,163	330	302	477	216	339	4,582
Breast-fed	211	215	209	516	219	130	252	91	122	1,965
Otherwise fed	475	347	298	647	111	172	225	125	217	2,617

TABLE XL.
DEATHS OF INFANTS VISITED.

	Under 1 month.	Under 2 months.	Under 3 months.	Under 4 months.	Under 5 months.	Under 6 months.	Under 7 months.	Under 8 months.	Under 9 months.	Under 10 months.	Under 11 months.	Under 12 months.	Total.
Clapham North	3	3	3	1	3	3	..	1	3	2	4	..	26
Clapham South	1	..	1	4	..	1	1	..	..	..	..	..	8
Putney .. ..	..	2	..	..	..	..	1	2	1	1	..	..	7
Balham	2	5	1	..	4	2	2	2	1	..	2	2	23
Streatham .. ..	..	1	2	..	..	..	..	..	..	..	..	1	4
Tooting .. ..	..	3	3	3	2	1	..	1	1	1	3	3	21
Southfield .. ..	..	1	3	..	2	1	1	..	..	2	2	..	12
Fairfield .. ..	..	1	1	1	1	2	1	1	2	1	2	..	13
Springfield .. ..	..	..	2	3	..	..	2	7	2	2	..	1	19
Borough	7	15	16	12	12	10	8	14	10	9	13	7	133

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 30 midwives practising in the Borough, of whom nine 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 1s. 3d, per visit. 2,457 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 31 private maternity homes in the Borough, nine of which are carried on by practising midwives.

Wandsworth Borough Memorial Maternity Home.

During the year 398 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 no deaths of mothers occurred.

(1) Total number of cases 398 (Doctor engaged for eight admitted. prior to admission).						
(2) Average duration of stay 15.41 days						
(3) No. of cases delivered by:—						
(a) Midwives	...	...	...	...	...	362
(b) Doctors	...	...	...	...	...	36
(4) No. of cases in which medical assistance was sought by the midwife 88						
Reason for medical assistance.	(a) Ante-natal	...	...	13 :—		
		Small measurements	...	...	...	8
		Albuminuria	...	...	...	5
	(b) During labour	...	...	37 :—		
		Prolonged	...	...	...	18
		Feeble pulse	...	...	...	1
		Placenta prævia	...	...	...	2
		Abnormal presentation	...	...	...	5
		Rigid cervix	...	...	...	1
		Adherent Placenta	...	...	...	1
		Laceration	...	...	...	9
	(c) After labour	...	...	14 :—		
		Post-partum hæmorrhage	...	...	...	2
		Broncho pneumonia	...	...	...	1
		Puerperal Mania	...	...	...	1
		Eclampsia	...	...	...	1
		Rise of Temperature	...	...	...	9
	(d) For infant	...	...	24 :—		
		Feebleness	...	...	...	14
		Deformities	...	...	...	2
		P.U.O.	...	...	...	1
		Discharge from eyes	...	...	...	6
		Bronchial catarrh	...	...	...	1

(5) No. of cases notified as puerperal sepsis with result of treatment in each case	...	...	...	...	Nil.
(6) No. of cases in which temperature rose above 100·4 for 24 hours with rise of pulse rate	...	...	...	...	9
(7) No. of cases notified as ophthalmia neonatorum with result of treatment in each case	...	...	...	...	Nil.
(8) No. of cases of " inflammation of the eyes " however slight	...	...	...	...	6
(9) No. of infants not entirely breast-fed while in the institution. Cause—insufficient lactation	...	...	...	...	25
(10) No. of maternal deaths with causes	...	...	...	...	Nil.
(11) No. of foetal deaths (still-born or within 10 days of birth)	...	...	...	...	10
The causes of death were :—					
Placenta prævia	...	...	...	...	1
Difficult labour	...	...	...	...	1
Induction	...	...	...	...	1
Knot in cord	...	...	...	...	1
Hydrocephalus	...	...	...	...	1
Macerated	...	...	...	...	4
Prolonged labour	...	...	...	...	1

The cases came from all parts of the Borough ; 39 from Clapham, 13 from Putney, 110 from Balham, 41 from Streatham, 71 from Tooting, and 116 from Wandsworth, and eight cases belonging to other places. These eight cases were admitted when the Home was not fully occupied.

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

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 5s. per week. No child is admitted free except in cases of extreme poverty.

One hundred and seventeen infants passed through the hospital during the year, the average stay being 37 days.

The complaints from which they suffered were marasmus (47), debility, malnutrition, gastritis, constipation, enteritis, diarrhoea and vomiting, colitis, indigestion, bronchitis, pneumonia, prematurity, congenital heart-disease, insomnia, mongolian cretin, meningitis, nephritis, septic rash, and congenital syphilis.

Seventy-four cases were discharged in good health, 16 had improved, and in two cases there was no improvement.

Eleven babies died, four from marasmus, one from marasmus and meningitis, one from pneumonia and tonsillitis, one from pneumonia and enteritis, one from pneumonia and influenza, two from acute enteritis, and one from congenital heart-disease.

Fifty-four of the 117 cases belonged to the Borough (Clapham, four; Putney, one; Balham, eight; Streatham, 33; Tooting, seven; and Wandsworth, one). Of these, six died, the causes of death being marasmus, three; marasmus and meningitis, pneumonia and influenza, and acute gastritis.

There are three 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, where the mothers learn glove and stocking making in the home, seven mothers were received during the year. In

another, 128 mothers passed through the home during the year, the number of births being 120. In the fourth, 18 mothers passed through the home, the number of births being nine.

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. Twelve mothers and 12 babies passed through the home during the year, the home being closed for six months.

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 57 still-births, seven of which were premature and 25 were difficult labours, 22 were delivered by midwives, 11 occurred in institutions, and 24 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, 12 mothers with infants, and two children were sent to Convalescent Homes. Five mothers and infants were sent to the Mothers' Rest Home, Hampstead, five mothers and infants to the Burnett Cottage Home, Herne Bay, one mother and two children to the Church Army Home, Bexhill, one mother to the Catherine Gladstone Home, Mitcham, and one child to the Marjorie Lumley Home, Maidenhead.

Illegitimate Births.

Of the 188 illegitimate births belonging to the Borough, 112 have been visited, 13 were above the standard of visiting, 22 had removed before visit, nine died before visit, eight were boarded out under the London County Council, three were adopted, 10 mothers and children went to homes, four wrong addresses were given, and seven of the mothers came to the Borough for confinement only. Of the 112 visited, four 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. 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.

In Putney an Ante-natal Centre was started in January, and now each Centre, with the exception of Fairfield, has a separate session for ante-natal work ; from Fairfield the mothers go to the Springfield Ante-natal Clinic in Earlsfield Road.

The next Table summarises the work done at all the Centres.

There were 2,340 new cases registered during the year, the total number of attendances was 34,969, 79 were transferred to other Centres, 1,036 were passed on to the London County Council, and 84 died.

The total number of ante-natal cases on the registers during 1922 was 653, the attendances numbering 1,631.

The superintendents' visits to infants totalled 10,793, and to ante-natal cases 1,166. 294 health talks were given.

In Clapham 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 12 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 14 needlework classes were held in the spring, and a course of 10 Health lectures was given in the autumn. The mothers from the Southfield and Fairfield Infant Welfare Centres attended both these courses.

620 attendances were made by the Health Visitors to the Infant Clinics, and 178 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.

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

TABLE XLI.

	Clapham.	Putney.	Balham.	Streatham.	Tooting.	Southfield.	Fairfield.	Springfield.	Totals.
No. of new cases during 1922 ..	382	197	384	277	443	153	173	331	2,340
„ transferred to other Centres	12	5	22	..	6	4	2	28	79
„ dead	15	3	26	6	10	7	6	11	84
„ passed on to L.C.C. ..	126	82	117	46	295	6	..	364	1,036
„ of Attendances	7,137	2,960	6,352	5,763	6,171	1,901	1,579	3,106	34,969
„ of ante-natal cases ..	67	50	118	96	160	57	..	105	653
„ of ante-natal attendances..	181	143	246	241	435	157	..	228	1,631
„ of nurses' visits to infants	1,422	941	1,674	2,470	1,371	675	780	1,460	10,793
„ of nurses' visits to ante-natal cases.. .. .	136	111	273	154	84	65	93	250	1,166
„ of sessions—									
Infants	96	50	104	97	98	50	51	50	596
Ante-natal	12	24	24	27	25	24	..	24	160
„ of health talks given ..	80	25	66	21	60	24	6	12	294

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. 132 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, 5,477 ; in Balham, 6,511 ; in Tooting, 4,099 ; and in Wandsworth, 5,898 ; a total of 21,985, a decrease of 3,422 compared with 1921.

Dental Treatment.

In May, 1919, the arrangements made by the Council with the British Dentists' Hospital, Clapham Common, came into force. 61 cases (46 women and 15 children) availed themselves of the opportunity to have dental treatment, and 79 attendances (61 women and 18 children) were made during the year.

Two 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.

Three deaths occurred, compared with one in 1921. The death rate was .009 per 1,000, and the case mortality 17 per cent.

There were 17 cases of puerperal fever notified (four in Clapham, two in Putney, five in Streatham, two in Tooting, and four in Wandsworth). Four were midwives' cases, two were stillborn, four were miscarriages, and three were born before the doctor or midwife arrived. Six patients were removed to hospitals and six to St. James's Infirmary, and five cases occurred in nursing homes. Five of the cases proved fatal.

Ophthalmia Neonatorum.

42 cases were notified, of which 10 were in Clapham, two in Putney, 20 in Streatham, three in Tooting, and seven in Wandsworth. All the cases were visited. 21 were attended at birth by midwives, and 15 cases occurred in maternity homes (one in Clapham, one in Putney, 12 in Streatham, and one in Tooting).

Six cases were treated in hospital as out-patients, 16 as in-patients, and the remainder were treated at home.

24 cases were notified by midwives. In 10 cases the district nurse was asked to attend, and 103 visits were made.

TABLE XLII.—OPHTHALMIA NEONATORUM, 1922.

No.	Date of Notification.	Eye Affected.	Severe or Slight.	Where Treated or by Whom.	History of Specific Disease.	Result.
1	Jan. 14	.. Both ..	.. Slight ..	Private doctor and district nurse ..	?	Recovered.
2	" 19	.. Left ..	.. Severe ..	Private doctor	No	"
3	" 21	.. " ..	.. " ..	St. Margaret's Hospital (in-patient)	"	"
4	" 23	.. Right ..	.. Slight ..	Maternity Home	"	"
5	" 23	.. Left " ..	"	"	"
6	" 24	.. Right ..	.. Severe ..	St. Margaret's Hospital (in-patient)	"	"
7	Feb. 3	.. Both ..	.. " ..	" .. ..	" .. ..	Still under treatment.
8	" 16	.. Left ..	.. " ..	" .. ..	Yes	Recovered.
9	Mar. 1	.. Both ..	.. Slight ..	Private doctor and district nurse ..	No	"
10	" 3	.. " ..	.. " ..	St. Margaret's Hospital (in patient)	?	"
11	" 3	.. Left ..	.. " ..	" .. ..	Yes	"
12	" 9	.. " ..	.. " ..	Private doctor	?	"
13	" 29	.. Both ..	.. Severe ..	Private doctor and district nurse ..	?	"
14	" 31	.. " ..	.. Slight ..	Private doctor	No	"

TABLE XLII—continued.

No.	Date of Notification.	Eye Affected.	Severe or Slight.	Where Treated or by Whom.	History of Specific Disease.	Result.
15	Mar. 31	Both	Slight	Private doctor and district nurse	No	Recovered.
16	April 5	Right	"	Maternity Home	"	"
17	" 6	Both	Severe	Royal Eye Hospital (out-patient)	"	"
18	" 13	"	Slight	Private doctor and district nurse	"	"
19	" 22	Left	Severe	St. Thomas's Hospital (in-patient)	"	Died 25/4/22, cong. heart disease and br. pneumonia.
20	May 10	Right	Slight	St. Margaret's Hospital (in-patient)	Yes	Recovered.
21	" 11	Left	"	Private doctor	No	"
22	" 18	Both	"	St. Thomas's Hospital (out-patient)	?	"
23	" 25	Right	Severe	St. Margaret's Hospital (in-patient)	?	"
24	" 26	Both	Slight	Private doctor and district nurse	No	"
25	" 27	"	"	St. Thomas's Hospital (out-patient), and district nurse.	"	"
26	July 29	Both	Severe	St. Margaret's Hospital (in-patient)	Yes	"
27	" 31	"	Slight	" " "	No	"
28	" 31	"	"	" " "	"	"

TABLE XLII—continued.

No.	Date of Notification.	Eye Affected.	Severe or Slight.	Where Treated or by Whom.	History of Specific Disease.	Result.
29	July 31	.. Both ..	.. Severe ..	.. St. Margaret's Hospital (in-patient)	No ..	Recovered.
30	" 31	.. " ..	.. " ..	.. Private doctor and district nurse ..	" ..	"
31	Aug. 1	.. Left ..	.. Slight ..	.. Maternity Home ..	" ..	"
32	" 8	.. Both ..	.. Severe ..	.. St. Margaret's Hospital (in-patient)	" ..	"
33	" 15	.. " " " " " "	" ..	"
34	Sept. 25	.. Right Left ..	.. Slight Severe ..	.. " " " "	Yes ..	"
35	Oct. 2	.. Both ..	.. Slight ..	.. Private doctor ..	No ..	"
36	" 3	.. Left Right ..	.. Severe Slight ..	.. St. Margaret's Hospital (in-patient), private doctor and district nurse.	? ..	"
37	" 25	.. Both ..	.. Severe ..	.. St. Margaret's Hospital (in-patient)	No ..	"
38	Nov. 11	.. " ..	.. " ..	.. Private doctor and district nurse ..	? ..	Died 14/11/22, br. pneumonia.
39	" 22	.. " ..	.. Slight ..	.. Private doctor ..	No ..	Recovered.
40	" 24	.. " ..	.. " ..	.. Maternity Home ..	? ..	"
41	" 28	.. " ..	.. " ..	.. St. Thomas's Hospital (out-patient), and district nurse.	No ..	"
42	Dec. 11	.. " ..	.. " ..	.. Private doctor and district nurse ..	" ..	Still under treatment.

Measles.

380 visits and 23 re-visits were made by the Health Visitors in respect of measles.

The services of the district nurses were requisitioned in 27 cases (nine in Clapham, two in Streatham, five in Tooting, and 11 in Wandsworth), where bronchitis or pneumonia had set in. The nurses' visits totalled 332.

Whooping Cough.

444 visits and 37 re-visits were made by the Health Visitors in cases of whooping cough. In nine cases (five in Clapham and four in Wandsworth) district nurses were called in, and their visits numbered 284.

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 XLIII.

Method of Feeding.	Age in Months.					
	Under 1.	1 and under 3.	3 and under 6.	6 and under 9.	9 and under 12.	Total.
1. Breast-fed only	2	2	..	..	..	4
Do. and dried milk	1	..	..	..	1
2. Cows' milk only	1	..	..	..	1
Do. and dried milk	2	..	..	2
Do. and food	1	..	..	..	1
3. Condensed milk only	1	..	1	2
Do. and food	1	..	1
4. Dried milk only	1	..	1	2
5. Unknown	3	2	..	5
TOTALS	2	5	7	3	2	19

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 XLIV.

	Clapham North.	Clapham South.	Putney.	Streatham.	Balham.	Tooting.	Southfield.	Fairfield.	Springfield.	Borough.
Total number of deaths ..	3	..	1	2	3	5	4	1	..	19
Wholly breast-fed ..	1	..	..	..	..	2	1	..	..	4
Otherwise fed ..	2	..	1	..	3	3	2	..	..	11
No information ..	..	..	..	2	..	..	1	1	..	4
Previously visited—										
1922 ..	1	..	..	..	1	2	2	..	..	6
1921 ..	1	..	..	..	..	1	..	..	..	2
Breast-fed ..	..	..	..	..	..	..	..	..	..	..
Otherwise fed ..	2	..	..	..	1	3	2	..	..	8
Illegitimate ..	..	..	1	..	1	..	..	..	..	2
Nurse children ..	..	..	..	..	1	..	..	..	..	1
Born outside Borough ..	..	..	1	..	1	..	..	..	..	2
Premature ..	..	..	..	..	..	..	..	..	..	..
Delicate from birth ..	1	..	1	..	2	..	1	..	..	5
Twin children ..	..	..	..	..	..	..	1	..	..	1

Home Helps.

The services of a Home Help have been obtained in connection with the Infant Welfare Centres of the Southfield, Fairfield and Springfield Wards of Wandsworth. The woman is paid 30s. a week, with outdoor uniform and overall, fares being allowed up to 2s. 6d. 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.

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 nursing mothers, to expectant mothers during the last three months of pregnancy, and to infants and children up to 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, a 1 lb. packet of dried milk is supplied weekly to an expectant or nursing mother, and to a child under three years of age. In special cases cows' milk is supplied on production of a medical certificate. Two pints of milk, or its equivalent in dried milk, is the maximum amount granted to one family.

Cases in which the average income was slightly over the scale and there was need of extra milk, were supplied with milk or dried milk at half cost.

During 1922 1,067 families were supplied with free milk at a cost to the Borough Council of £1,845 13s. 3d.

In 20 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	s. d. 13 0	s. d. 15 0
2	10 6	12 6
3	8 6	10 0
4	7 6	8 6
5	7 0	8 0
6	6 6	7 6

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.
Number of—									
Families	186	49	210	180	147	84	75	136	1,067
Expectant mothers ..	38	6	43	30	18	10	5	13	163
Nursing mothers ..	69	23	56	75	95	29	41	22	410
Infants	121	34	158	103	60	53	33	71	633
Children over 3 years ..	20	2	8	11	2	2	2	4	51

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.

SANITARY INSPECTION OF DISTRICT.

The two following reports were made by Dr. P. Caldwell Smith to the Public Health Committee :—

11th May, 1922.

“ I have made a special inspection of the River Wandle and have to report that little improvement has taken place in its condition.

This is wholly, in my opinion, due to the foul condition of the Wandle Valley sewage effluent, and until this effluent has been purified no improvement can be expected.

The cleansing carried out by the London County Council removed a large amount of the foul deposit in the bed of the river, but this deposit is again accumulating and in some places is as great as it was at the date of my last report.

I understand that the Ministry of Health has sanctioned the scheme for dealing with the effluent from the Wandle Valley Board, but it will be some time before the works can be commenced.

The nuisance from the smell still exists, and I am of opinion that the condition is a menace to the health of the neighbourhood."

6th July, 1922

" Having carefully reconsidered the question, I am still of opinion that mere spraying of the banks of the River Wandle with either a larvicide or with paraffin would not be of much service in stopping or even to any great extent mitigating the extreme prevalence of mosquitoes (*Culex pipiens*) in the Wandle area. It would be necessary to carry out much more extensive operations to free this area even for a season from the mosquitoes, among them being the cutting and burning of all grass near the Wandle, the purification of the Wandle itself and some of the few remaining ditches running into it, the use of a larvicide in the water vans to destroy thoroughly all larvæ in street gullies, the cleansing of the house gutters in the affected area, and also the abolition of the sewage farms in the neighbourhood.

The cost of carrying out the more complete scheme would be very great and would not, in my opinion, justify its adoption.

The works already carried out by the Wandsworth Borough Council on the banks of the Wandle at the Southfields Park will improve matters in that area, and if the whole of the Wandle up to the Corruganza Works were dealt with in the same way, I am of opinion that a very marked improvement would be noticed.

The thorough cleansing of the Wandle by the London County Council is very important and should be carried out at an early date. This cleansing would require to be carried out every six months until the scheme for purification of the effluent of the Wandle Valley Sewage Board has been completed.

I had previously consulted the highest authorities at the Natural History Museum, and they were of opinion that mere spraying of the ponds and ditches, as well as the banks of the Wandle, would not do much to mitigate the nuisance.

Culex pipiens, the mosquito most prevalent, is not known to produce any definite disease, although it causes a good deal of discomfort to many persons. No other variety of mosquitoes has been found in the Wandsworth district, although in parts of Wimbledon Common outside the Borough other varieties have been detected.

The ponds on Wimbledon Common are quite free from larvæ and require no attention, with one exception, viz., the "Leg of Mutton Pond," which should be cleansed, as well as some of the ditches leading to and from this pond.

I have been informed by the Clerk to the Wimbledon and Putney Commons Conservators that the various ponds and damp places have already recently been sprayed with paraffin."

TABLE XLV.—SUMMARY OF SANITARY OPERATIONS IN THE BOROUGH DURING THE YEAR 1922.

	CLAPHAM.		PUTNEY.	STREATHAM.		TOOTING.	WANDSWORTH.			WHOLE BOROUGH.
	North Ward.	South Ward.		Streatham Ward.	Balham Ward.		Southfield Ward.	Fairfield Ward.	Springfield Ward.	
Number of complaints received and attended to	494	499	474	859	671	897	546	288	488	5,216
Number of houses and premises inspected ..	3,053	2,323	3,154	4,720	4,105	3,684	3,184	2,136	4,077	30,436
Number of houses and premises re-inspected ..	1,954	2,953	3,520	4,204	3,364	3,398	2,610	1,950	2,068	26,021
Number of house-to-house inspections ..	86	262	408	686	487	327	228	67	163	2,714
Number of preliminary notices served ..	695	681	991	1,295	1,087	1,015	847	521	1,028	8,160
Number of preliminary notices complied with	664	745	946	1,312	1,092	845	829	552	903	7,888
Number of statutory notices served ..	107	113	79	76	93	85	97	45	126	821
Number of statutory notices complied with ..	80	93	74	59	89	30	88	47	123	683
Notices served for periodical removal of manure .. ..	..	..	..	..	..	..	..	..	..	..
Number of rooms disinfected after infective diseases ..	581	365	437	691	743	781	481	494	981	5,554
Bedding stove ..	218	228	210	289	323	283	302	164	429	2,446
Overcrowding abated ..	8	3	10	3	4	15	3	..	2	48
Rooms cleansed and repaired	875	819	1,290	1,979	1,912	1,381	954	746	1,356	11,312
Staircases cleansed and repaired	113	292	296	447	395	299	203	184	348	2,577
Drains cleansed and repaired	47	98	126	92	95	87	96	51	92	784
Drains tested	270	184	515	794	306	281	395	208	554	3,507
Drains found defective ..	35	14	51	32	76	70	42	24	79	423
Traps fixed to drains ..	30	54	12	7	32	4	8	..	..	147
Bath, lavatory and sink wastes altered to discharge outside over gullies or repaired	22	34	73	59	69	50	48	33	95	483
Rain water pipes disconnected from drains	3	..	9	..	6	..	..	1	5	24
Water closets cleansed and repaired ..	132	243	208	331	396	237	145	187	256	2,135

TABLE XLV—continued.

	CLAPHAM.		PUTNEY.	STREATHAM.		TOOTING.	WANDSWORTH.			WHOLE BOROUGH.
	North Ward.	South Ward.		Streatham Ward.	Balham Ward.		Southfield Ward.	Fairfield Ward.	Springfield Ward.	
Water closets, separate supply of water laid on to .. ..	..	..	..	..	1	..	3	..	..	4
Accumulations of manure, etc., removed	5	1	27	55	31	14	20	30	28	211
Urinals cleansed, repaired or water laid on to	4	..	7	16	6	14	1	1	..	49
Cesspools abolished .. ..	..	..	..	..	..	..	..	..	2	2
Ashpits provided or repaired	104	102	133	149	174	152	81	44	162	1,101
Dust complaints received	7	21	37	23	10	4	21	16	31	170
Stables and stable yards drained, paved or cleansed	8	15	9	15	4	1	1	4	12	69
Yards drained, paved or cleansed	52	89	120	109	76	137	48	72	162	865
Unwholesome or dilapidated houses cleansed or repaired	5	3	13	..	2	2	6	..	..	31
Leaky roofs and gutters repaired	176	209	185	322	253	186	150	141	356	1,978
Damp courses inserted	4	21	25	40	27	7	15	16	7	162
Damp conditions remedied	56	92	228	221	92	208	190	159	192	1,438
Houses re-supplied with water	12	11	32	18	8	6	11	..	11	109
Water cisterns cleansed, covered or repaired	12	22	113	28	25	21	15	13	65	314
Animals kept so as to be a nuisance	5	3	7	28	4	4	4	2	21	78
Smoke nuisances reported	2	..	1	..	2	..	..	12	3	20
Soil pipes repaired	6	17	52	12	48	38	6	9	6	194
Unclassified nuisances	68	138	159	160	142	162	267	222	218	1,536

TABLE XLVI.—DETAILS OF INSPECTIONS AND RE-INSPECTIONS, 1922.

(MALE INSPECTORS.)

	In- spections.	Re- In- spections.	Total.
No. of complaints received and attended to	5,210	..	5,210
No. of house-to-house inspections.. ..	2,714	..	2,714
Drainage and other sanitary works—			
After notice	4,620	24,329	28,949
Voluntary	542	658	1,200
No. of premises inspected on account of—			
Notifiable diseases	3,860	..	3,860
Measles	1,380	..	1,380
Whooping Cough	374	..	374
Pulmonary Tuberculosis	53	..	53
Other Infective Diseases	514	..	514
Verminous conditions	318	..	318
Periodical Inspections—			
Houses let in Lodgings	545	..	545
Closed underground rooms	1	..	1
Common lodging houses	5	..	5
Workplaces—			
Factories	344	133	477
Workshops	595	121	716
„ (Domestic)	149	46	195
Workplaces	141	94	235
Outworkers' premises	91	36	127
Bakehouses	268	258	526
Restaurant kitchens	155	5	160
Food-places—			
Cowsheds	12	..	12
Piggeries	91	18	109
Dairies and Milkshops	542	19	561
Ice Cream Premises	370	6	376

TABLE XLVI—continued.

					In- spections.	Re- In- spections.	Total.
Periodical Inspections—							
Food-places—							
Slaughterhouses	..	..	..	..	122	..	122
Places where food is prepared	..			..	60	..	60
Offensive trades	..	..	..	..	53	1	54
Fried fish shops	..	..	..	..	180	4	184
Rag and bone stores	..	..	..	..	49	..	49
Butchers' shops	..	..	..	..	316	..	316
Greengrocers' shops	..	..	..	..	155	..	155
Fishmongers' shops	..	..	..	..	198	..	198
Public-house urinals	..	..	..	..	255	..	255
Other sanitary conveniences, schools, etc.					66	..	66
Smoke observations	..	..	..	..	49	..	49
Unsound food	..	..	..	..	27	1	28
Yards of mews and stables...	...		..	..	286	7	293
Legal Proceedings—							
(1) Applications and summonses	..			..	28	..	28
(2) Hearings and adjournments	..			..	68	..	68
Other..	..	..	..	..	1,663	12	1,675
TOTALS					26,469	25,748	52,217

TABLE XLVII.—DETAILS OF INSPECTIONS AND RE-INSPECTIONS, 1922.
(FEMALE INSPECTORS.)

	Inspections.	Re-Inspections.	Total.
No. of complaints received and attended to	6	..	6
No. of premises inspected on account of—			
Pulmonary Tuberculosis ..	1,464	137	1,601
Other forms of Tuberculosis ..	559	41	600
Dressmakers' and Milliners' premises	265	16	281
Laundries—			
Factory	109	6	115
Workshop	100	6	106
Workplace	67	11	78
Other Factories	99	4	103
Other Workshops	148	4	152
Other Workplaces	159	3	162
Domestic Workshops	68	..	68
Outworkers' premises	522	11	533
Other	401	34	435
TOTALS	3,967	273	4,240

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

TABLE XLVIII.

WARDS	No. of houses in- spected.	No. of houses in which defects were found.	Percent- age of defects to houses in- spected.	NUMBER OF FAMILIES LIVING IN			
				One room.	Two rooms.	Three rooms.	Four rooms and upwards.
Clapham, North	86	84	97·67	32	52	27	57
Clapham, South	262	237	90·45	8	19	32	233
Putney	408	392	96·07	34	41	252	215
Streatham	686	541	78·86	37	97	430	581
Balham	487	438	89·93	99	177	277	417
Tooting	327	305	93·27	37	52	70	281
Southfield	228	176	77·19	56	25	79	173
Fairfield	67	55	82·09	25	11	4	45
Springfield	163	130	79·75	56	54	50	84
WHOLE BOROUGH	2,714	2,358	86·88	384	528	1,221	1,986

The cases of overcrowding were in Peardon Street, Milford Street, The Polygon, Kirkby Street, Saxby Street, Carpenter's Cottages, Haselrigge Road and Cambray Road, Clapham; Gladwyn Road, Pentlow Street, Angel Court, Bendemere Road, Sefton Street and Ashlone Road, Putney; Welham Road, Colmer Road, Kettering Street, Martindale Road and Hereward Road, Streatham; Blackshaw Road, Graveney Road, Maybury Street and Fountain Road, Tooting; Astonville Street, Lavenham Road, Burr Road, Guelph Street and Lydden Grove, 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, 2,714 house-to-house inspections were made by the Sanitary Inspectors, and in 2,358 nuisances were found necessitating the service of sanitary notices.

The total number of houses where the drains were reconstructed during the year was 138; 42 in Clapham, 25 in Putney, 19 in Streatham, three in Tooting, and 49 in Wandsworth.

During the year 3,507 drains of houses were tested by the Sanitary Inspectors; 454 in Clapham, 515 in Putney, 1,100 in Streatham, 281 in Tooting, and 1,157 in Wandsworth, and 423, or 12·06 per cent., were found to be defective. Of the 423 found defective, 49 were in Clapham, 51 in Putney, 108 in Streatham, 70 in Tooting, and 145 in Wandsworth.

A large amount of work has again been carried out to abate nuisances arising from damp conditions. In all, 1,438 premises have been dealt with; 148 in Clapham, 228 in Putney, 313 in Streatham, 208 in Tooting, and 541 in Wandsworth; and in 162 of these, 25 in Clapham, 25 in Putney, 67 in Streatham, seven in Tooting, and 38 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.

109 statutory notices were served under Section 37 of the Public Health (London) Act, 1891, to provide ashpits 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 £122 3s., and the costs £27 8s. 6d.

TABLE XLIX.

Premises.	Offences.	Result.	Fine.	Costs.
			s. d.	s. d.
12, Heathfield Road, Wandsworth ..	Keeping swine in an improper manner.	Convicted	80 0	..
14, Clapham Park Terrace	Nuisances	Order made for abatement of nuisance.	..	10 6
92, Trentham Street, Wandsworth ..	.. .. .	Summons withdrawn, the work having been done.	..	3 0
94, Trentham Street, Wandsworth ..	.. .. .	.. .. .	..	3 0
73, Manor Street, Clapham .. ..	.. .. .	Summons dismissed.. .. .	..	..
280, Trinity Road, Wandsworth ..	.. .. .	Summons withdrawn, the work having been done.	..	10 6
121, New Park Road, Clapham ..	.. .. .	.. .. .	..	10 6
94, Gauden Road, Clapham	Absence of a water supply ..	Summons withdrawn, the work having been done.	..	2 0
27, 29 and 35, Gay Street, Putney ..	Nuisances .. .. .	.. .. .	..	6 0
27, Gay Street, Putney	Contravention of By-laws (yard paving).	Convicted	40 0	..
143, Brookwood Road, Wandsworth ..	Contravention of By-laws (cistern cover).	.. .. .	40 0	..
62, Union Grove, Clapham	Nuisances	Summons withdrawn, the work having been done.	..	2 0
29, Bromells Road, Clapham .. ..	.. .. .	.. .. .	..	2 0
55, Wimbledon Park Road, Wandsworth.	.. .. .	.. .. .	..	2 0
46, Victoria Road, Clapham .. ..	.. .. .	Order made for abatement of nuisance.	..	10 6
		Non-compliance with Order ..	20 0	..
.. ..	Contravention of By-laws (w.c. and cistern cover).	Convicted	40 0	..
36 and 37, Deauville Court, Clapham	Nuisances	Summons withdrawn, the work having been done.	..	4 0

TABLE XLIX—continued.

Premises.	Offences.	Result.	Fine.	Costs.
25, Grove Road, Balham (stable) ..	Absence of a water supply ..	Order made for abatement of nuisance.	s. d. ..	s. d. 5 0
..	..	Non-compliance with Order ..	20 0	2 0
..	Contravention of By-laws (w.cs.)..	Convicted	80 0	21 0
76, Gleneagle Road, Streatham ..	Nuisances .. .. .	.. .. .	100 0	21 0
40, Balham High Road, Streatham ..	.. .. .	.. .. .	100 0	2 0
..	Contravention of By-laws (yard paving and w.cs.).	.. .. .	200 0	4 0
23, Bellamy Street, Balham	Nuisances	Order made for abatement of nuisance.	..	10 6
54, Rosebery Road, Clapham ..	.. .. .	.. .. .	..	10 6
1A, 2A, and 3A, Gonsalva Road, Clapham.	.. .. .	Non-compliance with Order ..	63 0	63 0 42 0
44, Jew's Row, Wandsworth .. ..	.. .. .	Order made for abatement of nuisance.	..	10 6
..	..	Non-compliance with Order ..	100 0	21 0
Stable, Skelgill Road, Wandsworth ..	Nuisances	Order made for abatement of nuisance.	..	10 6
30, Deauville Court, Clapham ..	Contravention of By-laws (w.cs.)..	Convicted	20 0	2 0
34, Deauville Court, Clapham ..	Nuisances	Summons withdrawn, the work having been done.	..	..
The Osiers, Point Pleasant	Establishing anew the business of a fat melter.	Adjourned <i>sine die</i> .. .. .	..	..
3, 5, and 8, Clarke's Cottages, Clapham	Nuisances	Summons withdrawn, the work having been done.	..	8 0
..	Contravention of By-laws (yard paving).	Convicted	100 0	..
2, Nursery Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	..	2 0

TABLE XLIX—continued.

Premises.	Offences,	Result.	Fine.	Costs.
11, Gonsalva Road, Clapham ..	Nuisances	Order made for abatement of nuisance.	s. d. ..	s. d. 2 0
7, Portslade Road, Clapham ..	"	" " "	..	21 0
13, Portslade Road, Clapham ..	"	" " "	..	21 0
	Contravention of By-laws (w.cs.)...	Convicted	100 0	..
17, Lessar Avenue, Clapham ..	Nuisances	Order made for abatement of nuisance.	..	21 0
		Non-compliance with Order ..	140 0	21 0
125, High Street, Clapham ..	"	Order made for abatement of nuisance.	..	10 6
9, Earlsfield Road, Wandsworth ..	"	Non-compliance with Order ..	60 0	..
		Order made for abatement of nuisance.	..	21 0
	Contravention of By-laws (yard paving).	Convicted	100 0	..
43, Chetwode Road, Balham ..	Nuisance	" " " " " " " "	200 0	..
14 and 16, Chelverton Road, Putney	Nuisances	Summonses dismissed; defendant not the owner.	..	..
	Contravention of By-laws (yard paving).			
23, Ram Square, Wandsworth ..	" " " "	Convicted	20 0	21 0
28, Clifton Street, Clapham ..	Nuisances	Order made for abatement of nuisance.	..	21 0
		Non-compliance with Order ..	50 0	2 0
	Contravention of By-laws (yard paving).	Convicted	20 0	21 0
10, Fitzwilliam Road, Clapham ..	Nuisances	Order made for abatement of nuisance.	..	21 0
72 and 74, Wellfield Road, Streatham	"	" " "	..	42 0

TABLE XLIX—continued.

Premises.	Offences.	Result.	Fine.	Costs.
			s. d.	s. d.
29, Saxby Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	.. ..	.. ..
	Failing to provide dustbin ..	Convicted	100 0	.. ..
	Contravention of By-laws (yard paving).	.. .. .	25 0	.. ..
31, Saxby Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	.. ..	.. ..
	Failing to provide dustbin ..	Convicted	100 0	.. ..
115, Balham High Road	Selling milk without being registered.	.. .. .	100 0	2 0
33, Saxby Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	.. ..	.. ..
	Failing to provide dustbin ..	Convicted	100 0	.. ..
35, Saxby Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	.. ..	.. ..
	Failing to provide dustbin ..	Convicted	100 0	.. ..
37, Saxby Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	.. ..	.. ..
	Failing to provide dustbin ..	Convicted	100 0	.. ..
	Contravention of By-laws (yard paving).	.. .. .	25 0	.. ..
39, Saxby Street, Clapham	Nuisances	Summons withdrawn, the work having been done.	.. ..	.. ..
	Failing to provide dustbin ..	Convicted	100 0	.. ..

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 an increase in the total number of inspections of the above, compared with 1921, although the number of factories, etc., on the Register is less. 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.

INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

TABLE L.

CLASS OF WORKS.	Number of Places.					Number of Inspections, 1922.	Number of Notices.		Number of Prosecutions, 1922.	
	On Register at end of 1921.	Added in 1922.	Removed in 1922.	On Register at end of 1922.			Intimation, 1922.	Statutory, 1922.	Under Factory Act.	Under Public Health Act.
				Pre-mises.	Rooms.					
Factories—										
Factory Laundries	75	1	..	76	301	134	1	..	..	..
Factory Bakehouses	61	2	..	63	84	209	3	..	..	..
Other Factories	420	34	14	440	1,362	621	45	2	..	..
Workshops—										
Workshop Laundries	68	..	6	62	192	106	3	..	..	..
Workshop Bakehouses	72	1	2	71	71	317	6	..	..	..
Other Workshops	1,059	88	89	1,058	1,468	1,412	100	5	..	..
Workplaces—										
Places where Food is prepared for Sale	543	57	64	536	567	638	45	1	..	..
Workplaces other than the above ..	412	36	74	374	482	377	26	2	..	..
Home-workers' premises	453	112	143	422	422	660	22	..	..	..
TOTAL	3,163	331	392	3,102	4,949	4,474	251	10	..	..

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 LI.

I.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspec- tions. (2)	Written Notices. (3)	Prose- cutions. (4)
Factories (Including Factory Laundries.)	964	51	..
Workshops (Including Workshop Laundries.)	1,835	114	..
Workplaces (Other than Outworkers' premises in- cluded in Part 3 of this Report.)	1,015	74	..
TOTALS	3,814	239	..

TABLE LII.

2.—DEFECTS FOUND.

PARTICULARS.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
(1)	(2)	(3)	(4)	(5)
NUISANCES UNDER THE PUBLIC HEALTH ACTS*—				
Want of cleanliness	103	100	..	..
Want of ventilation .. ..	..	..	..	..
Overcrowding .. ..	..	..	..	..
Want of drainage of floors ..	..	..	..	..
Other nuisances	125	121	..	..
Sanitary accommodation—				
Insufficient	4	4	..	..
Unsuitable or defective ..	81	79	..	..
Not separate for sexes ..	3	3	..	..
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)	9	9	..	..
Other offences (Excluding offences relating to outwork, which are included in Part 3 of this Report.)	..	..	..	..
TOTALS.. ..	325	316	..	..

* 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 Homework, is similar to the one in last year's Report.

TABLE LIII.
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.	Notices served.	Prosecutions.	Instances.	Orders made (S. 110).	Prosecutions (SS. 109, 110).
	Sending twice in the year.			Sending once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.						
	Lists.†	Outworkers.†		Lists.	Outworkers.										
		Con-tractors.	Work-men.		Con-tractors.	Work-men.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wearing Apparel—															
(1) Making, etc.	66	85	165	4	1	52	38	..	..	22	22	..	16	..	..
(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
Anchor 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.	2	..	4	..	..	..	..	..	..	..	..	..	..	..	..
Stuffed toys
Basket making
TOTALS	70	89	171	4	1	52	38	..	..	22	22	..	16	..	..

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	..	..	..	..	..	..	..	..	71
	„ Laundries	..	..	..	..	..	..	..	..	62
	Dressmakers' and Milliners' Workshops	..	..	..	..	..	..	..	..	153
	Bootmakers	..	..	..	..	..	..	..	..	101
	Smiths	..	..	..	..	..	..	..	..	35
	Builders	..	..	..	..	..	..	..	..	54
	Tailors	..	..	..	..	..	..	..	..	58
	Motor Engineers	..	..	..	..	..	..	..	..	44
	Other	..	..	..	..	..	..	..	..	613
Total number of workshops on Register										.. .. 1,191

TABLE LV.

5.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) .. .. .	..
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) :—	
Notified by H.M. Inspector	5
Reports of action taken sent to H.M. Inspector	5
Other .. .. .	..
Underground Bakehouses (s. 101) :—	
Certificates granted during the year .. .. .	..
In use at the end of the year	43

Inspection of Sanitary Conveniences.

The number of Sanitary Conveniences inspected was 135 ; 22 in Clapham, 26 in Putney, 25 in Streatham, 11 in Tooting, and 51 in Wandsworth. 281 inspections were made during the year, and 22 notices, chiefly for cleansing, were served and complied with ; and 110 inspections of Sanitary Conveniences for females were made by the Female Sanitary Inspectors.

Canal Boats Act.

During the year five 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.**

140 applications for Certificates under the above Act were received during the year. On inspection it was found that 131
(9323)q

of the premises were not reasonably fit for human habitation, and Certificates were granted, and nine premises were reasonably fit, and Certificates were consequently not granted.

Of the 131 premises where Certificates were granted, 125 were rendered reasonably fit during the year, and the remaining six are in hand.

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 3·52 per cent., compared with 3·56 in 1921.

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 238 milk retailers on the Register, and these have been regularly inspected during the year. Particulars of these are given in Table LVI.

During the year under review the Milk and Dairies (Amendment) Act, 1922, came into operation. This Act prohibits the sale of milk from cows suffering from Tuberculosis of the udder.

Five samples of milk were examined, and certificates received stated that in each case the examination revealed no evidence of the presence of Tubercle Bacilli.

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

REPORT FOR THE YEAR ENDED 31ST DECEMBER, 1922.

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	958	Nil.
Cream	29	5

The five samples of Cream contained crystallised boric acid.

The vendors were warned, and a further sample was 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	...	...	...	15
(2) Statements incorrect	...	...	...	1
				—
Total	...	...	...	16
				—

As the percentage of boric acid found in the above-mentioned sample of preserved cream was only slightly in excess of .4 per cent., the vendor was warned, and a further sample procured, which was found correct.

Percentage of Preservative found in each sample.	Percentage stated on Statutory Label.
Range from .1 to .4 per cent.	.4 per cent.

Note.—One sample reported against contained .46 per cent. crystallised boric acid.

(b) *Determination made of milk fat in Cream sold as " Preserved Cream " :—*

(1) Above 35 per cent.	...	...	...	...	16
(2) Below 35 per cent.	...	...	...	...	—
Total	...	...	...	...	16

(c) and (d). In each of the 16 samples procured as Preserved Cream the provisions as to labelling were duly observed.

Thickening substances ... Nil.

Other observations.—All the above-mentioned samples were procured as informal samples under the Sale of Food and Drugs Acts.

APPEAL TO THE COW.

In one case proceedings were taken against a cowkeeper for selling milk deficient in milk fat to the extent of 7 per cent. The defendant stated that the deficiency was due to the interval of milking. This was tested and found correct. The summons was dismissed on payment of costs, the defendant promising to regulate the interval of milking more evenly.

Section 4, Milk and Dairies (Amendment) Act, 1922.

Cases of contravention of this Section were dealt with under the Sale of Food and Drugs Acts.

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.

122 inspections of the 10 slaughterhouses were made during the year, and 2,338 carcasses were examined by the Inspectors.

No 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, 1922.	In December, 1922.
Licensed slaughterhouses ...	13	10	9

Unsound Food.

116 boxes of Tomatoes ; one bag of Turnips ; 4 tons and 11 cwts. of Potatoes ; three boxes of Apples ; one crate of Bananas ; five cases of Pears ; 24 tins of Peaches ; five hampers of Wiches ; five trunks of Haddock ; 763 lbs. of Cod ; three baskets of Crabs ; one box of Herrings ; one box of Whiting ; one box of Soles ; one trunk of Skate ; 22 lbs. of Hake ; 88 lbs. of Beef ; 312 lbs. of Pork ; 600 Eggs, and 1,224 lbs. Chocolate were condemned at the request of the owners, and the usual certificates granted.

TABLE LVI.

PREMISES.	NUMBER OF PLACES.				Number of inspections, 1922.	Number of notices, 1922.	Number of prosecu- tions, 1922.
	On register at end of 1921.	Added in 1922.	Re- moved in 1922.	On register at end of 1922.			
Milk premises.. ..	240	43	45	238	561	19	..
Cowsheds	3	..	..	3	12	..	..
Slaughterhouses	10	..	1	9	122	..	..
Other offensive trade premises	3	..	..	3	53	1	..
Ice cream premises	316	30	22	324	366	26	..
Registered houses let in lodgings	292	..	..	292	545	6* 429†	.. 1

* For overcrowding.

† For other conditions.

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

During the year 1,989 samples of foods and drugs were submitted to the Public Analyst for analysis. Of these samples, 1,044 were purchased as test or informal samples, while 945 were purchased officially.

Of the 945 official samples submitted for analysis, 35, or 3·7 per cent., were reported to be adulterated or not up to standard, and of those samples which were purchased informally or as test samples, 67, or 6·4 per cent., were found adulterated or not up to standard. The total adulterations reported were 102, or 5·1 per cent., of the samples submitted.

The percentage of milk samples found to be adulterated was 2·8.

In 19 out of the 35 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 £32 10s., and the costs to £11 13s., making a total of £44 3s.

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 LVII.

	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	192	13	6·7	168	7	4·1	360	5·8	20	5·5
Putney	99	6	6·0	102	3	2·9	201	6·7	9	4·4
Streatham	313	18	5·7	282	12	4·2	595	5·5	30	5·0
Tooting	136	10	7·3	106	4	3·7	242	5·8	14	5·7
Wandsworth	304	20	6·5	287	9	3·1	591	5·9	29	4·8
Whole Borough ..	1,044	67	6·4	945	35	3·7	1,989	5·9	102	5·1

Milk and Cream.

MILK.

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

27, or 2·8 per cent., were reported against as being adulterated or not up to legal standard.

930 samples were purchased officially, of which 25, or 2·6 per cent., were adulterated, and 28 samples purchased informally, of which two, or 7·2 per cent., were adulterated.

Nine samples were found to contain added water, 15 were deficient in milk fat, and one was deficient in milk fat and contained added water.

Proceedings were taken in nine cases, and in 16 cases the Public Health Committee, after considering the amount of adulteration and the circumstances of sale, decided not to prosecute the vendors, but to take further samples.

16 samples of milk were taken on delivery at various Public Institutions situated within the Borough. All these samples were genuine.

54 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 midnight and mid-day deliveries. Six samples were reported against, and in one case proceedings were taken against the farmer, who pleaded warranty.

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

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

140 samples of milk have been taken on Sundays, either in the early morning or at mid-day. Three, or 2·1 per cent., were reported against as being adulterated.

421 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 16, or 3·9 per cent., were reported against.

Butter and Margarine.**BUTTER.**

483 samples of butter were submitted for analysis during the year, of which 13 were reported against.

MARGARINE.

16 samples of margarine were submitted for analysis, one of which was reported against.

OTHER ARTICLES.

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

Staff.

The staff at the end of the year was as follows :—

Public Health Department—

Medical Officer of Health ... P. Caldwell Smith, M.A., M.D.,
D.P.H.

Assistant Medical Officer of
Health and Tuberculosis

Officer F. G. Caley, M.A., M.B., D.P.H.

Sanitary Inspectors A. W. Browne, Cert. R.S.I. ;
Meat and other Foods, R.S.I.

H. E. Brown, Do. do.

R. Brown, Cert. R.S.I.

W. G. Crabbe, Do.

C. Hatton, Do.

F. Haworth, Cert. S.I.E. Board.

H. T. Lambert, Cert. S.I.E.
Board ; Meat and other
Foods, R.S.I.

B. Nurcombe, Cert. R.S.I.

J. A. Sands, Cert. S.I.E. Board.

A. E. Vickers, Do.

A. J. Weeks, Cert. R.S.I.

Inspector under Sale of Food
and Drugs Act

T. Newell, Cert. R.S.I. ; and Meat
and other Foods, R.S.I.

Public Health Department—continued.

Assistant Inspector under Sale of Food and Drugs Acts... ..	C. W. Idle, Cert. S.I.E. Board.
Female Sanitary Inspectors and Health Visitors (part- time).	Miss J. E. Barritt, Cert. S.I.E. Board and R.S.I. Miss K. L. Long, Cert. S.I.E. Board.
Health Visitors	Miss E. Henderson, C.M.B., H.V., Trained Nurse. Miss M. E. Maple, S.I.E. Board, H.V. Miss R. M. Watling, C.M.B., H.V., Trained Nurse. Miss E. K. Woods, C.M.B., H.V., Cert. R.S.I.
Clerical Staff	7 Clerks and 1 Office Boy.

Tuberculosis Department—

Tuberculosis Officer	See Assistant Medical Officer of Health.
Assistant Do.	A. W. Forrest, M.A., M.D., D.P.H.
Tuberculosis Visitors	Miss D. S. Collins, S.I.E. Board, H.V. Miss E. E. Merron. Miss D. Moores.
Clerical Staff	One Clerk and Dispenser and One Clerk.

Maternity Home—

Matron	Miss E. Waring, C.M.B. Two Sisters. One Staff Nurse. Six Midwifery Probationary Nurses. One Gardener Attendant.
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<i>Disinfecting Station</i>	One Engineer and 10 Disinfectors.
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<i>Mortuaries</i>	One whole-time, and two part-time, Mortuary Keepers.
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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 1,369 bacteriological examinations were made at the Lister Institute.

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 LVIII.

—	Clapham	Putney.	Streatham.	Tooting.	Wandsworth.	Whole Borough.
DIPHTHERIA—						
Negative ..	250	115	297	51	356	1,069
Positive	46	34	62	26	110	278
ENTERIC FEVER—						
Negative ..	..	1	4	2	3	10
Positive .. ..	..	1	..	..	..	1
TUBERCULOSIS—						
Negative ..	4	1	2	..	..	7
Positive	1	1	1	..	1	4
TOTALS ..	301	153	366	79	470	1,369

Examinations of sputum made at the Tuberculosis Dispensary are not included in the above figures.

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.

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

13 Certificates have been issued in respect of the sterilisation of materials used in the manufacture of Rag Flock.

Revenue Act.

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

The certificates granted referred to 26 houses or 36 tenements.

Cleansing of Persons Act.

The names of 218 children, 61 belonging to Clapham, 13 to Putney, 16 to Streatham, seven to Tooting, and 121 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 81 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.

44 adults and two children had baths on account of their verminous condition, 41 of these being cases of scabies.

Cutting-off Notices.

During the year, 129 notices with respect to 156 premises were received from the Water Board stating that the supply had been withdrawn.

29 of the premises were in Clapham, 19 in Putney, 54 in Streatham, seven in Tooting, and 47 in Wandsworth.

The supply was withdrawn for non-payment of rates from 77 premises, from 50 premises in consequence of defects, in 27 the premises were empty, and in two cases by request.

Rateable Value.

The rateable value of the Borough, on the 6th April, 1922, was £2,274,272, and the estimated value of a penny rate was £9,157.

Housing.

It was found at the Census of 1921 that the total number of houses structurally separate for habitation was 62,540, and the total number of rooms occupied was 373,204, the average number of persons per house was 5·2, and the average number of persons per room was ·87.

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 846, and the number in course of erection at the end of the year was 48.

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

Number of new houses erected during the year:—

(a) Total	...	...	...	...	...	...	...	846
(b) As part of a municipal housing scheme	...	...						608

1. UNFIT DWELLING HOUSES.

Inspection—

(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	...	...	30,436
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	...	...	...				2,714

1. UNFIT DWELLING HOUSES—*continued*.

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... ..	Nil.
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	... ..	131

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	7,888
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3. ACTION UNDER STATUTORY POWERS.

A.—Proceedings under section 28 of the Housing, Town Planning, &c., Act, 1919.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	...	7
(2) Number of dwelling-houses which were rendered fit :—		
(a) by owners	... ..	2
(b) by Local Authority in default of owners		Nil.
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	... ..	Nil.

B.—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	... ..	821
(2) Number of dwelling-houses in which defects were remedied :—		
(a) by owners	... ..	683
(b) by Local Authority in default of owners		Nil.

3. ACTION UNDER STATUTORY POWERS—*continued.*

C.—Proceedings under sections 17 and 18 of the
Housing, Town Planning, &c., Act, 1909.

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------|------|
| (1) Number of representations made with a view
to the making of Closing Orders | Nil. |
| (2) Number of dwelling-houses in respect of which
Closing Orders were made | Nil. |
| (3) Number of dwelling-houses in respect of which
Closing Orders were determined, the
dwelling-houses having been rendered fit.... | Nil. |
| (4) Number of dwelling-houses in respect of which
Demolition Orders were made | Nil. |
| (5) Number of dwelling-houses demolished in
pursuance of Demolition Orders | Nil. |

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, Madam, and Gentlemen,

Your obedient Servant,

F. G. CALEY.

ANNUAL STATEMENT

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

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

SIR, MADAM AND GENTLEMEN,

We have the honour to present the Annual Statement of the work done during the year 1922 under the Sale of Food and Drugs Acts.

The total number of samples submitted by the Inspector during the year amounted to 1,989. Of these, 945 were taken with the formalities required by the Sale of Food and Drugs Acts, whilst 1,044 were obtained informally.

The statement following gives the result of analyses of all articles submitted.

In Tables A and B will be found the details of the articles grouped together in the main statement under the headings Drugs and "Other Articles."

MAIN STATEMENT SHOWING THE RESULT OF ANALYSES OF ALL ARTICLES
SUBMITTED UNDER THE SALE OF FOOD AND DRUGS ACTS DURING
THE YEAR 1922 BY THE INSPECTOR.

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Bread .. ..	..	6	6	..	..	..
Butter	2	481	483	1	12	13
Cheese .. ..	..	2	2	..	..	..
Cocoa .. ..	..	73	73	..	..	..
Confectionery and Jam .. ..	..	1	1	..	..	..
Cream .. ..	..	29	29	..	5	5
Cream (Preserved)	..	16	16	..	1	1
Flour, Self-raising	..	6	6	..	..	..
Margarine .. ..	..	16	16	..	1	1
Milk	920	4	924	25	2	27
Milk, Separated ..	10	..	10	..	..	..
Milk, Condensed ..	..	24	24	..	..	..
Mustard .. ..	..	3	3	..	..	..
Sugar .. ..	..	11	11	..	..	..
Tea .. ..	..	8	8	..	..	..
Vinegar .. ..	..	14	14	..	1	1
Drugs	13	101	114	9	14	23
Other Articles .. ..	..	249	249	..	31	31
TOTAL	945	1,044	1,989	35	67	102

TABLE A.
DETAILS OF DRUGS IN FOREGOING TABLE.

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Acid, Boric .. ..	..	3	3	..	..	..
Borax	3	8	11	3	3	6
Camphorated Oil ..	..	6	6	..	..	..
Cream of Tartar ..	..	2	2	..	..	..
Mist. Sennæ Co. ..	..	3	3	..	..	..
Ointment, Boric ..	..	6	6	..	..	..
Powder, Gregory's ..	..	3	3	..	..	..
Powder, Liquorice Co. .. ..	..	3	3	..	..	..
Prescriptions	10	58	68	6	11	17
Tincture of Quinine, Ammoniated .. ..	..	9	9	..	..	..
TOTAL	13	101	114	9	14	23

TABLE B.

DETAILS OF "OTHER ARTICLES" IN FOREGOING TABLE.

Nature of Sample.	Examined.			Adulterated.		
	Formal.	In-formal.	Total.	Formal.	In-formal.	Total.
Baking Powder	25	25	..	..	..
Barley	3	3	..	..	..
Cake, Sponge	12	12	..	3	3
Coffee	24	24	..	..	..
Coffee Extract	3	3	..	1	1
Coffee and Chicory Extract	6	6	..	2	2
Chutney	3	3	..	..	..
Dried Fruits	6	6	..	..	..
Dripping	6	6	..	..	..
Fish, Canned	6	6	..	6	6
Gelatin	4	4	..	4	4
Honey	8	8	..	..	..
Ice Cream	6	6	..	..	..
Isinglass	1	1	..	..	..
Lard	34	34	..	..	..
Lemon Cheese	2	2	..	2	2
Lemon Curd	2	2	..	..	..
Meat, Canned	1	1	..	..	..
Meat, Extract	10	10	..	..	..
Meat, Potted	15	15	..	1	1
Olive Oil	8	8	..	..	..
Pepper	3	3	..	..	..
Powder, Custard	12	12	..	..	..
Preserved Vegetables	6	6	..	6	6
Rice	16	16	..	..	..
Sago	5	5	..	1	1
Sausages	6	6	..	2	2
Sherbert	6	6	..	..	..
Suet	1	1	..	..	..
Suet, with Rice Flour	3	3	..	..	..
Tapioca	2	2	..	1	1
Wines, Non-alcoholic	4	4	..	2	2
TOTAL	249	249	..	31	31

TABLE C.

TABLE SHOWING IN DETAIL THE NATURE OF THE ADULTERATION, OR
DEPARTURE FROM STANDARD OF ALL SAMPLES (FORMAL),
ADVERSELY REPORTED ON DURING THE YEAR.

Case No.	Nature of Sample.				Nature of Report.
12	Milk	..	..	..	5 per cent. extraneous water.
51	Milk	..	..	..	1 per cent. milk fat deficient.
86	Milk	..	..	..	1½ per cent. extraneous water and 3½ per cent. milk fat deficient.
112	Milk	..	..	..	11 per cent. milk fat deficient.
114	Milk	..	..	..	2 per cent. extraneous water.
141	Milk	..	..	..	13 per cent. milk fat deficient.
214	Milk	..	..	..	3 per cent. milk fat deficient.
216	Milk	..	..	..	1 per cent. milk fat deficient.
218	Milk	..	..	..	3 per cent. milk fat deficient.
227	Milk	..	..	..	4 per cent. milk fat deficient.
255	Milk	..	..	..	3 per cent. extraneous water.
261	Milk	..	..	..	21 per cent. milk fat deficient.
274	Milk	..	..	..	3 per cent. extraneous water.
309	Milk	..	..	..	10 per cent. milk fat deficient.
365	Milk	..	..	..	21 per cent. milk fat deficient.
388	Borax (purified)	..	..	..	135 parts per million excess Arsenic.
389	Borax (purified)	..	..	..	165 parts per million excess Arsenic.
390	Borax (purified)	..	..	..	135 parts per million excess Arsenic.
488	Milk	..	..	..	5 per cent. milk fat deficient.
515	Milk	..	..	..	3 per cent. milk fat deficient.
525	Milk	..	..	..	17 per cent. milk fat deficient.
537	Prescription	..	..	..	32.7 per cent. deficient in Potassium Bromide.
547	Milk	..	..	..	8 per cent. extraneous water.
548	Milk	..	..	..	9 per cent. extraneous water.
593	Prescription	..	..	..	18 per cent. deficient in Potassium Bromide.
595	Prescription	..	..	..	36 per cent. deficient in Potassium Iodide.
598	Prescription : Mist. Hydrarg. Iodid.	..	..	..	A sample of dilute Mist. Ferri et Ammon. Cit.
599	Prescription	..	..	..	37.4 per cent. deficient in Potassium Iodide.
600	Prescription	..	..	..	52.8 per cent. deficient in Potassium Iodide.
666	Butter	..	..	..	60 per cent. Margarine.
681	Milk	..	..	..	3 per cent. milk fat deficient.
725	Milk	..	..	..	7 per cent. milk fat deficient.
913	Milk	..	..	..	1½ per cent. extraneous water.
915	Milk	..	..	..	8 per cent. extraneous water.
919	Milk	..	..	..	2 per cent. extraneous water.

TABLE D.

TABLE SHOWING IN DETAIL THE NATURE OF THE ADULTERATION OF ALL
INFORMAL SAMPLES ADVERSELY REPORTED ON DURING THE
YEAR.

Case No.	Nature of Sample.	Nature of Adulteration.
65	Butter	Excess of Boron preservative.
128	Margarine	Excess of Boron preservative.
142	Tapioca	Sago present.
146	Sago	Entirely Tapioca.
361	Borax (purified)	Excess of Arsenic above B.P. limit.
362	Borax (purified)	Excess of Arsenic above B.P. limit.
367	Borax (purified)	Excess of Arsenic above B.P. limit.
372	Cake	Excess of Boron preservative.
385	Cream	Boron preservative present.
388	Cream	Boron preservative present.
390	Cream	Boron preservative present.
455	Cream	Boron preservative present.
460	Cream (preserved)	Excess of Boron preservative.
492	Prescription	Deficiency in active ingredient.
501	Prescription	Deficiency in active ingredient.
512	Prescription	Deficiency in active ingredient.
517	Prescription	Deficiency in active ingredient.
518	Butter	Margarine present.
519	Milk	Extraneous water present.
545	Prescription	Deficiency in active ingredient.
546	Prescription	Deficiency in active ingredient.
547	Prescription	Deficiency in active ingredient.
548	Prescription	Deficiency in active ingredient.
557	Prescription	Deficiency in active ingredient.
561	Prescription	Deficiency in active ingredient.
562	Prescription	Deficiency in active ingredient.
603	Butter	Margarine present.
623	Butter	Margarine present.
644	Milk	Extraneous water present.
649	Butter	Margarine present.
656	Butter	Excess of Boron preservative.
665	Butter	Margarine present.
666	Butter	Excess of Boron preservative.
675	Lemon Cheese	Salicylate preservative present.
676	Lemon Cheese	Salicylate preservative present.
682	Coffee Extract	Salicylate preservative present.
684	Coffee and Chicory Ex- tract.	Salicylate preservative present.
690	Coffee and Chicory Ex- tract.	Salicylate preservative present.
697	Gelatin	Bi-sulphite preservative present.
698	Gelatin	Bi-sulphite preservative present.
700	Gelatin	Bi-sulphite preservative present.
701	Gelatin	Bi-sulphite preservative present.
728	Cream	Boron preservative present.
732	Vinegar	Deficiency of Acetic Acid.

TABLE D—continued.

Case No.	Nature of Sample.	Nature of Adulteration.
820	Tinned Tomatoes ..	Tin present.
821	Tinned Tomatoes ..	Tin present.
822	Tinned Tomatoes ..	Tin present.
823	Tinned Tomatoes ..	Tin present.
824	Tinned Tomatoes ..	Tin present.
825	Tinned Tomatoes ..	Tin present.
826	Tinned Fish in Tomatoes	Tin present.
827	Tinned Fish in Tomatoes	Tin present.
828	Tinned Fish in Tomatoes	Tin present.
829	Tinned Fish in Tomatoes	Tin present.
830	Tinned Fish in Tomatoes	Tin present.
831	Tinned Fish in Tomatoes	Tin present.
839	Sausages	Boron preservative present.
840	Sausages	Boron preservative present.
848	Meat Paste	Boron preservative present.
854	Sponge Cake	Boron preservative present.
858	Sponge Cake	Boron preservative present.
860	Non-alcoholic Wine ..	Salicylate preservative present.
862	Non-alcoholic Wine ..	Salicylate preservative present.
886	Butter	Excess of Boron preservative.
938	Butter	Excess of Boron preservative.
960	Butter	Excesses of Boron preservative and water.
979	Butter	Excesses of Boron preservative and water.

The average composition of the 897 samples of milk returned as genuine during the year was as follows :—

	Per cent.
Total milk solids	12·42
Milk fat	3·52
Non-fatty solids	8·90

All samples of milk submitted were free from preservative.

Of the 470 samples of butter examined and reported genuine, 229, or 48·7 per cent., were found to be free from preservative other than common salt ; whilst 241, or 51·3 per cent., contained a boron preservative.

The average amount of this preservative per sample, expressed as crystallised boric acid, was 0·085 per cent., or 5·95 grains per lb.

In all the 16 samples of margarine examined and returned as genuine the presence of boron preservative was detected, the

quantity present averaging 0·29 per cent., or 20·3 grains per lb. crystallised boric acid.

In conclusion, we have to report that the percentage adulteration for the year for all articles submitted amounted to 5·1 per cent., for articles submitted formally to 3·6 per cent., and for articles submitted informally to 6·4 per cent.

We have the honour to be,
Mr. Mayor, Madam 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.

5th April, 1923.

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