

The annual report made to the Council of the Metropolitan Borough of Greenwich for the year 1910.

Contributors

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THE
ANNUAL REPORT

MADE TO
THE COUNCIL

OF THE

Metropolitan Borough of Greenwich,

For the Year 1910,

BY

ERNEST GEORGE ANNIS,

M.R.C.S., L.R.C.P., L.S.A., D.P.H.,

MEDICAL OFFICER OF HEALTH TO THE BOROUGH.

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1911.

ANNUAL REPORT

THE COUNCIL

Municipal Borough of Greenwich

For the Year 1910

ERNEST GEORGE ANNIS



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Public Health Committee during the year 1909-10.

CHARLES NEWBERY, Esq., J.P. (*Mayor*), and 9 Members.

DR. J. GORDON PARKER, *Chairman*.

W. F. SOAMES, Esq., *Vice-Chairman*.

Councillors—

A. E. COONEY.

DR. J. GORDON PARKER.

A. T. FURLONG.

W. F. SOAMES.

C. GORDON (*decd.*).

C. STONE.

A. MATTHEWS.

J. SMITH.

C. NIXON.

E. PASCOE WILLIAMS.

Duties and Powers of the Public Health Committee.

- 1.—The Committee shall consist of nine elected members.
- 2.—There shall be referred to the Committee the execution of the Food and Drugs Act, 1875-1899 ; the Margarine Act, 1887 ; the Sale of Horse-flesh, &c., Regulation Act, 1889 ; such matters arising under the Housing of the Working Classes Act, 1890 and 1894, and the Working Classes Dwellings Act, 1890 ; the Public Health (London) Acts ; the Metropolis Management Acts relating to defective drainage ; the Canal Boat Acts ; the Factory and Workshop Acts ; the sanitary provisions of any other Act of Parliament ; the Dairies, Cowsheds, and Milkshops Order of 1885 ; the Notification of Births Act, 1907 ; Public Health (Tuberculosis) Regulations, 1908 ; the by-laws and regulations made under the above Acts, or otherwise

relating to the public health and sanitary condition of the Borough, which are not within the reference to any other Committee, shall stand referred to the Committee.

- 3.—The Committee may serve and receive notices, take proceedings, and in particular cases empower any Officer of the Council to make complaints and take proceedings in their behalf under, and otherwise execute, the Public Health (London) Act, 1891, and sections 82, 83, 84 and 85 of the Metropolis Management Act, 1855, relating to the inspection of any premises, drains, sinks, traps, syphons, pipes, or other works or apparatus connected therewith, and otherwise in relation to defective drainage, except as to the recovery of expenses, and the same shall not require the approval of the Council, provided that the Committee shall report their action at the next following meeting of the Council, who may at any time determine or prohibit or otherwise vary any such notices or proceedings.
- 4.—All plans for drainage and re-drainage of premises shall be laid before this Committee for consideration.
- 5.—Works of drainage of houses and premises shall be carried out under the direction of this Committee.
- 6.—The Committee shall have the control of Mortuaries erected or maintained by the Council, as the Sanitary Authority, and shall have control of the disinfecting staff, apparatus, and plant.
- 7.—The construction, maintenance, and control of public sanitary conveniences, and conveniences maintained by the Council, shall be referred to this Committee.

Staff of the Public Health Department.

Sanitary Inspectors—

CHARLES TURLE WILSON.

THOMAS CLARK.

ARTHUR E. BACHE.

EBENEZER MARTIN.

CHARLES W. NETTLETON

MISS G. DAVIS.

Public Analyst—

A. E. BROWN, B.Sc., F.I.C.

Disinfectors—

JAMES FORREST.

Assistant Disinfectors—

FRANK MEARS.

A. CLAY.

Caretakers at Council's Shelter—

EDWARD JACKSON.

MARIA JACKSON.

Clerks—

W. H. PETERS.

A. L. PAYNE.

Medical Officer of Health—

ERNEST G. ANNIS, M.R.C.S., L.R.C.P., D.P.H.

Statistical Summary.

ELEVATION.—Varies from below high-water mark up to 249 feet above sea level.

AREA OF THE BOROUGH AND DISTRICTS—

East Greenwich	...	...	1451·4 acres.
West Greenwich	...	...	297·8 „
St. Nicholas	...	...	112·1 „
Charlton and Kidbrooke	...	...	1990·4 „
			3851·7 „

DENSITY OF POPULATION—

East Greenwich	...	...	35·64 persons per acre.
West Greenwich	...	...	92·81 „
St. Nicholas	...	...	77·01 „
Charlton and Kidbrooke	...	...	12·52 „
			Average for the Borough ... 29·32 „

NUMBER OF INHABITED HOUSES—

At Census, 1901	14,240
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POPULATION—

At Census, 1901	95,770
Estimated, 1910	112,935

BIRTH RATE, 1910 ... 21·41 per 1,000

DEATH RATE, 1910 ... 11·45 „
 „ (Zymotic) ... 1·38 „
 „ (Infantile Mortality) ... 108 per 1,000 Births.

PUBLIC HEALTH AND HOUSING DEPARTMENT,
ROYAL HILL, GREENWICH,

April, 1911.

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

GENTLEMEN,

I have the honour to submit herewith, in accordance with the requirements of the Local Government Board, the Annual Report of the Medical Officer of Health for the year 1910.

The mortality statistics for the year are again of a very satisfactory character. The Birth Rate of 21·41 per 1,000 is slightly below that of the County of London, which figure was 23·9 per 1,000. The recorded Death Rate of 11·45 per 1,000 of the estimated population, compares favourably with 12·7 per 1,000, the Death Rate for the County of London, and with 13·4 per 1,000, the figure for the 77 large towns.

The Death Rate for Greenwich corrected for difference of age and sex constitution in the population, equals 11·8 per 1,000.

Comparing Greenwich with the other Metropolitan Boroughs according to their corrected Death Rate, which is the fairest method of comparison, shows that Greenwich has the lowest Death Rate but 6 amongst the 29 Metropolitan Boroughs. The 6 Boroughs having a better Death Rate than Greenwich being Hampstead, Lewisham, Wandsworth, Woolwich, Stoke Newington and Fulham. Full particulars of all the Boroughs in this respect, are to be found in the table on page 18.

The Infantile Mortality Rate, for the Borough, measured by the number of deaths under one year to 1,000 births registered, was 108, an increase of 6 compared with last year; the figure for London as a whole was 103, and the Borough average during the last five years, 1905-1909, inclusive, 113.

The Zymotic Death Rate of 1·38 per 1,000 is ·24 per 1,000 above the County average, viz., 1·31 per 1,000, and is 0·39 per 1,000 above the corresponding figure for last year.

This increase in the Zymotic Death Rate is practically all accounted for by the larger number of deaths from Whooping Cough in Greenwich during this year. The average Death Rate from this Disease throughout the County of London being ·28 per 1,000, whereas the death rate from this disease in Greenwich was ·50 per 1,000.

The figures relating to the different constituent parts of the Borough are as follows:—

Districts.	Birth Rate.	Death Rate.	Percentage Infantile of deaths under one year of age.	Mortality per 1,000 Births.	Zymotic Death Rate.	Diarrhœa Death Rate.	Consumption Death Rate.
East Greenwich..	22·04 ..	11·19 ..	21·35 ..	108 ..	1·46 ..	0·33 ..	1·05 ..
West Greenwich ..	22·42 ..	13·71 ..	19·84 ..	121 ..	1·67 ..	0·25 ..	0·91 ..
St. Nicholas ..	29·39 ..	14·46 ..	25·0 ..	123 ..	2·80 ..	0·82 ..	1·17 ..
Charlton ..	18·28 ..	9·09 ..	16·06 ..	80 ..	0·33 ..	0·39 ..	0·90 ..
Kidbrooke ..	4·43 ..	4·70 ..	5·88 ..	63 ..	0·83 ..	0·00 ..	0·00 ..
Whole Borough..	21·41 ..	11·45 ..	20·24 ..	108 ..	1·38 ..	0·31 ..	0·96 ..

Attack Rates of the various notifiable diseases per 1,000 living in the several districts:—

Districts.	Small-pox.	Diphtheria.	Scarlet Fever.	Erysipelas.	Typhoid Fever.	Puerperal Fever.
East Greenwich ..	·00 ..	1·92 ..	0·55 ..	0·25 ..	0·14 ..	0·00 ..
West Greenwich ..	·00 ..	1·41 ..	2·07 ..	1·16 ..	0·29 ..	0·11 ..
St. Nicholas ..	·00 ..	1·17 ..	1·98 ..	2·92 ..	0·23 ..	0·12 ..
Charlton ..	·00 ..	0·28 ..	1·04 ..	0·24 ..	0·09 ..	0·05 ..
Kidbrooke ..	·00 ..	1·66 ..	1·66 ..	0·28 ..	0·00 ..	0·00 ..
Whole Borough ..	·00 ..	1·42 ..	1·51 ..	0·76 ..	0·17 ..	0·44 ..

The chief outstanding need of the Borough at the present time appears to me to be the necessity for adopting some definite measures for assisting the large number of consumptive persons in the Borough to, if possible, regain their health, either by means of a stay in a Sanatorium or treatment at a Tuberculosis Dispensary, or such other means as the Council in its wisdom may see fit to adopt, for while so much is being done for this large class of persons in various ways we in Greenwich are simply marking time in the matter.

In conclusion I have again to tender my best thanks to each and all Members of the Council, and the Public Health Committee in particular, for their continued kindness and support, and also to the Members of the Staff for the manner in which their duties have been performed.

I am, Gentlemen,

Yours respectfully,

ERNEST G. ANNIS.

VITAL AND MORTAL STATISTICS, 1910.

POPULATION.

The number of persons estimated to be living at the middle of the year is 112,935. This estimate is an increase of 1,921 upon the corresponding figure of last year. The natural increase of the population during the year, or the excess of the number of births over the number of deaths is 1,121, which therefore allows 800 as the balance of immigrants over emigrants.

As the annual report for this year has to do with the last year of the intercensal period, it is quite possible that these estimates of population may have to be altered in some of their details, but it is thought that the total for the whole Borough will not be considerably altered.

The distribution of the population throughout the Borough is as follows:—

		Census, 1901.	Estimated Population at middle of year 1910.	
East Greenwich	...	43,859	...	51,721
West Greenwich	...	23,456	...	27,659
St. Nicholas	...	7,321	...	8,633
Charlton	...	18,065	...	21,293
Kidbrooke	...	3,069	...	3,629
Total		<u>95,770</u>		<u>112,935</u>

MARRIAGES.

The Superintendent-Registrar of the Greenwich Union has kindly furnished me with the particulars relating to the number of marriages solemnized in the Parishes of Greenwich and St. Nicholas. The Superintendent-Registrar for the Woolwich Union has also kindly supplied the particulars for the Parishes of Charlton and Kidbrooke,

with the exception, in these latter particulars, that none of the marriages performed in the Woolwich Registrar's Office and in Chapels in Charlton and Kidbrooke, of residents in those Parishes, are included.

The following table shews these particulars, giving the number of Marriages in Greenwich and St. Nicholas, etc., for each year since 1893.

<div>Marriages in Registrar's</div> <div>Office of parties</div> <div>resident in Greenwich,</div> <div>or, outside the</div> <div>Registration District and</div> <div>in Chapels and</div> <div>Roman Catholic</div>												
Year.	In Churches of England in Greenwich.		In Churches of England in Charlton and Kidbrooke.		In St. Nicholas Parish Church.	Church in St. Nicholas and Greenwich.		Total.	Approximate Population of the districts concerned.			
1893	..	295	..	—	..	49	..	94	..	438	..	66489
1894	..	299	..	—	..	44	..	100	..	443	..	67507
1895	..	246	..	—	..	52	..	102	..	400	..	68525
1896	..	282	..	—	..	61	..	96	..	439	..	69543
1897	..	287	..	—	..	40	..	119	..	446	..	70561
1898	..	309	..	—	..	45	..	119	..	473	..	71569
1899	..	343	..	—	..	46	..	158	..	547	..	72597
1900	..	359	..	—	..	46	..	140	..	545	..	73615
1901	..	354	..	—	..	52	..	147	..	553	..	74636
1902	..	—	..	—	..	—	..	—	..	667	..	75969
1903	..	—	..	—	..	—	..	—	..	675	..	77395
1904	..	324	..	129	..	48	..	174	..	675	..	101651
1905	..	303	..	130	..	67	..	205	..	705	..	103493
1906	..	314	..	113	..	69	..	217	..	713	..	105350
1907	..	328	..	115	..	45	..	252	..	740	..	107222
1908	..	287	..	110	..	52	..	224	..	673	..	109110
1909	..	246	..	84	..	54	..	224	..	608	..	111014
1910	..	304	..	110	..	53	..	243	..	710	..	112935

BIRTHS.

The total number of births in the Borough during the year has been 2,457, but of these 55 occurred in Greenwich Union Infirmary, the address of the mother being in 55 cases in Deptford, and 1 in the Miller Hospital belonging to Deptford; deducting these and adding 9

which were transferred from the City of London Hospital, Lambeth and Poplar, it will be seen that the number of strictly Greenwich births for 1910 is 2,410, of which 1,218 were males and 1,192 females.

This corrected figure gives a birth rate of 21·41 per 1,000 of the population, being the lowest on record, and 4·19 below the average for the last nine years, 1901 to 1909, the period since the formation of the Metropolitan Borough.

Amongst the total number of births registered in the Borough there were 89 in which the name of the father was not registered and therefore not given in the return; accordingly these births may be presumed to be of an illegitimate character. 70 of such births were registered in the East Greenwich district, which includes the Infirmary of the Greenwich Union.

In 32 cases the mother was ordinarily a resident in the Borough of Deptford, and accordingly this number of births have been transferred to that Borough.

The remaining 57 were similarly allocated to the districts in this Borough in which the mother ordinarily resided, making 26 of such births belonging to East Greenwich, 17 to West Greenwich, 9 to St. Nicholas, and 5 to Charlton.

The birth rate for the County of London equals 23·6 per 1,000 of the population, and was the lowest rate recorded. It varied from 13·3 in the City of London, 14·0 in Hampstead, 15·2 in the City of Westminster, 17·5 in Kensington, and 18·0 in Stoke Newington, up to 29·7 in Poplar, 29·9 in Finsbury, 31·6 in Bermondsey, 31·7 in Shoreditch, and 32·1 in Bethnal Green.

Under the provisions of the Notification of Births Act, 1907, intimations have been received from medical men, parents, and others, with respect to 2,629 births, from which it will be seen that we have 219 intimations to be credited to births which were registered during the latter part of 1909, or will be registered during the early part of 1911, as the time allowed by law for registration purposes extends up to six weeks, whereas that under the Notification of Births Act is to be within 36 hours.

Copies of the notifications received are transmitted to the County Council as required by the Act, and from time to time the various District Registrars within the district consult our records shewing the actual notifications received. In one or two cases slight irregularities have been detected, particularly in connection with the address given to us where the birth has actually occurred and the address as furnished to the Registrar for the purposes of registering the birth.

DEATHS.

The total number of deaths registered during 1910 was 1,289, of which 628 were males, and 661 females. The crude death rate for the Borough of 11·45 per 1,000, compares favourably with 12·7, the death rate for the County of London, and 13·4 the death rate for the 77 large towns.

In the County of London the lowest crude death rates amongst the various Metropolitan Boroughs were 8·6 in Hampstead, 9·6 in Lewisham, 10·2 in Wandsworth, 10·5 in Fulham and Woolwich, and 11·0 in Stoke Newington; while the highest rates were 15·2 in Poplar, 15·3 in Bethnal Green, 15·5 in the City of London, 15·9 in Southwark, 16·7 in Shoreditch, 17·6 in Finsbury, and 17·7 in Bermondsey.

Locally, the death rate varied from 4·70 in Kidbrooke, 9·09 in Charlton, 11·19 in East Greenwich, and 13·71 in West Greenwich, to 14·46 in St. Nicholas.

The following table shows the variation in, and average of, the death rates in each of the five Districts of the Borough in the five years 1905 to 1909, compared with the figures for 1910:—

DISTRICT.	1905.	1906.	1907.	1908.	1909.	Average for Five Years.	1910.
East Greenwich	12·64	12·75	12·49	12·05	11·90	12·37	11·19
West „ ...	14·41	14·58	14·86	13·37	13·43	14·13	13·71
St. Nicholas ...	19·53	20·06	17·02	16·53	17·38	18·10	14·46
Charlton ...	12·64	11·97	9·43	11·96	10·69	11·34	9·09
Kidbrooke ...	4·23	5·63	3·50	3·93	4·78	4·41	4·70
BOROUGH ...	13·27	13·38	12·55	12·42	12·24	12·77	11·45

It will be seen on considering the above table that the death rate throughout the whole of the Borough has since the year 1906 gradually been a declining one, whilst the death rate of 1906 was only slightly in excess of that of 1905, which again was much below the previous years—standing in the first year of this Council's existence at 15·31 per 1,000. This certainly shows a very satisfactory decrease during the 10 years of the Council's existence. Speaking generally it will be seen that this decline is fairly proportionate throughout the whole of the Borough with the exception of St. Nicholas, Deptford, which, however, shews a marked improvement in this respect. In 1901 the death rate stood at 23 per 1,000, whereas for the last year, as will be seen above, it is at the comparatively satisfactory figure of 14·46 per 1,000.

It may be, however, that these figures will not appear in such a satisfactory light when the results of the recent census are known.

DEATHS IN INSTITUTIONS.

The following table gives the particulars shewing the number of deaths of Greenwich residents in Public Institutions :—

Year.	Total Deaths of Greenwich Residents.		Total Deaths of Greenwich Residents under 1 year of age.		Total Deaths of Greenwich Residents in Public Institutions.	
1901	...	1,468	...	362	...	356
1902	...	1,522	...	387	...	408
1903	...	1,317	...	345	...	354
1904	...	1,450	...	373	...	369
1905	...	1,370	...	318	...	398
1906	...	1,405	...	320	...	437
1907	...	1,341	...	259	...	418
1908	...	1,377	...	310	...	442
1909	...	1,354	...	251	...	457
AVERAGE ...		1,400	...	325	...	404
1910	...	1,289	...	261	...	404

Age Mortality.

The age mortality and the distribution of the deaths between the different quarters of the year is shewn by the following table :—

Deaths.	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
Under 1 year of age ...	81	68	41	71	261
Between 1 and 5 years ...	74	46	30	21	171
Between 5 and 15 years...	16	15	6	10	47
Between 15 and 25 years	20	11	9	13	53
Between 25 and 65 years	109	101	78	107	395
65 years and upwards ...	103	91	63	105	362
Total ...	403	332	227	327	1289

Analysis of the Vital Statistics of the Metropolitan Boroughs,
occurring in Public Institutions,

Boroughs.	Estimated Population, middle of 1910.	Births.	Deaths.	Deaths from Principal Infectious Diseases.	Annual rate per 1,000 Living.		
					Births.	Deaths.	
						Crude.	* Correct'd
County of London...	4,872,702	114,870	61,756	5,559	23.6	12.7	13.4
Paddington ...	153,004	3,084	1,796	164	20.2	11.8	12.6
Kensington ...	184,635	3,217	2,190	141	17.5	11.9	12.8
Hammer Smith ...	127,413	3,045	1,549	170	24.0	12.2	12.7
Fulham ...	181,282	4,303	1,907	204	23.8	10.5	11.0
Chelsea ...	75,457	1,882	950	49	18.4	12.6	13.1
City of Westminster	167,233	2,554	1,893	78	15.3	11.4	12.7
St. Marylebone ...	125,195	2,331	1,600	116	18.7	12.8	13.7
Hampstead ...	95,729	1,340	822	44	14.0	8.6	9.7
St. Pancras ...	237,792	5,720	3,261	330	24.1	13.8	14.4
Islington ...	353,356	8,289	4,529	432	23.5	12.9	13.4
Stoke Newington ...	54,838	984	600	31	18.0	11.0	11.5
Hackney ...	239,979	5,298	2,797	202	22.1	11.7	12.2
Holborn ...	53,142	1,022	792	49	19.3	14.9	16.1
Finsbury ...	94,578	2,824	1,656	182	29.9	17.6	18.2
City of London	17,132	227	264	8	13.3	15.5	17.0
Shoreditch ...	114,387	3,613	1,905	217	31.7	16.7	17.5
Bethnal Green ...	131,579	4,208	2,010	192	32.1	15.3	15.5
Stepney ...	314,379	9,258	4,303	414	29.5	13.7	14.3
Poplar ...	172,432	5,111	2,609	259	29.7	15.2	15.6
Southwark ...	211,832	5,873	3,360	427	27.8	15.9	16.6
Bermondsey ...	127,238	4,005	2,240	310	31.6	17.7	18.1
Lambeth ...	327,074	7,344	4,091	322	22.5	12.5	12.9
Battersea ...	188,222	4,483	2,120	209	23.9	11.3	12.1
Wandsworth ...	305,838	6,980	3,102	185	22.9	10.2	10.7
Camberwell ...	286,058	6,657	3,439	308	23.3	12.1	12.5
Deptford ...	119,642	3,004	1,667	176	25.2	14.0	14.7
GREENWICH ...	112,935	2,410	1,289	155	21.41	11.45	11.8
Lewisham ...	164,899	3,439	1,585	100	20.9	9.6	10.0
Woolwich ...	135,422	2,842	1,413	82	21.0	10.5	11.2

* The Corrected Death Rates represent the Crude Death Rates multiplied by the respective factors for correction for differences of sex and age constitution of population.

and of the City of London, after Distribution of Deaths
during the year 1910:—

Annual Rate per 1,000 living.												
Principal Infec- tious Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever.	Ill-defined Pyrexia.	Diarrhoea.	Phthisis.	Deaths of Children under 1 year of age to 1000 births.	
1.14	0.00	0.41	0.04	0.09	0.28	...	0.04	0.00	0.28	1.14	103	
1.08	...	0.45	0.05	0.06	0.21	...	0.03	...	0.28	0.84	96	
0.77	...	0.29	0.01	0.09	0.17	...	0.03	...	0.18	0.77	106	
1.33	...	0.55	0.06	0.17	0.20	...	0.03	...	0.32	1.04	99	
1.13	...	0.36	0.04	0.08	0.33	...	0.01	...	0.31	0.94	107	
0.65	...	0.25	...	0.05	0.16	...	0.03	...	0.16	1.16	101	
0.47	...	0.13	0.02	0.06	0.11	...	0.04	...	0.11	1.12	84	
0.93	...	0.22	0.06	0.07	0.35	...	0.05	...	0.18	1.10	108	
0.46	...	0.16	0.02	0.05	0.12	...	0.03	...	0.08	0.59	60	
1.39	...	0.59	0.07	0.09	0.40	...	0.02	...	0.22	1.28	102	
1.22	...	0.48	0.03	0.09	0.35	...	0.05	0.00	0.22	1.13	94	
0.58	...	0.20	0.02	0.04	0.13	...	0.04	...	0.15	0.91	64	
0.84	...	0.28	0.02	0.03	0.25	...	0.04	...	0.22	1.08	98	
0.91	...	0.26	...	0.07	0.30	...	0.09	...	0.19	1.08	103	
1.92	...	0.70	0.04	0.22	0.38	...	0.04	0.01	0.53	1.70	123	
0.48	0.06	...	0.12	...	0.12	...	0.18	1.70	66	
1.90	...	0.74	0.04	0.12	0.40	...	0.07	...	0.53	1.49	146	
1.47	...	0.45	0.07	0.15	0.27	...	0.14	...	0.39	1.43	123	
1.32	...	0.33	0.04	0.09	0.36	...	0.05	...	0.45	1.31	112	
1.51	...	0.24	0.07	0.12	0.49	...	0.08	...	0.51	1.36	118	
2.02	...	1.07	0.04	0.17	0.28	...	0.03	...	0.43	1.74	116	
2.44	...	1.14	0.11	0.15	0.34	...	0.03	...	0.67	1.76	126	
0.99	...	0.37	0.07	0.08	0.17	...	0.05	...	0.25	1.17	94	
1.11	...	0.39	0.04	0.06	0.27	...	0.04	0.01	0.30	1.03	97	
0.61	...	0.14	0.04	0.04	0.23	...	0.03	...	0.13	0.86	78	
1.09	...	0.48	0.04	0.08	0.25	...	0.03	...	0.21	1.08	94	
1.47	...	0.49	0.03	0.09	0.40	...	0.04	...	0.42	1.19	122	
1.38	...	0.42	0.03	0.09	0.50	...	0.03	...	0.31	0.96	108	
0.61	...	0.07	0.07	0.12	0.18	...	0.02	...	0.15	0.55	80	
0.62	...	0.16	0.09	0.03	0.19	...	0.01	0.01	0.13	1.01	85	

INFANTILE MORTALITY.

The Infantile Mortality, measured by the deaths of children under one year of age to the number of births registered, was 108 per 1,000 births, there having been a total of 261 such deaths during the year, as compared with 251, 310, and 259, the figures for the three preceding years. The number for the County of London was 103 per 1,000 births.

The lowest rates of Infantile Mortality amongst the Metropolitan Boroughs were 60 per 1,000 births in Hampstead, 64 in Stoke Newington, 66 in the City of London, 80 in Lewisham, and 84 in the City of Westminster; whilst the highest were 122 in Deptford, 123 in Finsbury and Bethnal Green, 126 in Bermondsey, and 146 in Shoreditch.

Locally, the variations were from 63 per 1,000 births in Kidbrooke, 80 in Charlton, 108 in East Greenwich, 121 in West Greenwich, and 123 in St. Nicholas; the following table compares, at a glance, these figures for the years since the formation of the Borough:—

DISTRICT.	Average for five Years, 1901-1905 inclusive.	1906.	1907.	1908.	1909.	1910.
East Greenwich ...	129	114	97	111	100	108
West „ ...	126	112	108	111	97	121
St. Nicholas ...	179	207	124	130	129	123
Charlton ...	121	107	102	154	105	80
Kidbrooke ...	39	48	91	133	59	63
TOTAL ...	131	121	103	120	102	108

AN ANALYSIS OF DEATH CAUSES.

All death causes are conveniently arranged under various headings, according to the Registrar-General's classification of diseases, and the following table, a summary of the larger table in the Appendix, shows the death rates for residents, and in fact all persons belonging to the Borough (although some of them may have died in Institutions in other Boroughs, or even outside the County of London altogether), per 1,000 of the population living in the Borough.

1910.	1910.
Infective Diseases—	Local Diseases— <i>continued.</i>
Epidemic 1.54	Digestive System ... 0.52
Sporadic 0.00	Lymphatic 0.02
Venereal 0.05	Urinary System... .. 0.36
Septic 0.12	Reproductive System ... 0.04
Malarial 0.05	Parturition 0.04
Tuberculosis 1.21	Bones and Joints ... 0.04
Parasitic Diseases 0.00	Integumentary System... 0.00
Dietic Diseases 0.03	External Causes—
Constitutional Diseases ... 0.90	Accidents 0.28
Developmental Diseases ... 2.04	Homicide 0.00
Local Diseases—	Suicide 0.05
Nervous System 1.01	Ill-defined Causes—
Organs of Special Sense... 0.01	Sudden Death 0.00
Circulatory System ... 1.19	Other ill-defined and not specified causes ... 0.00
Respiratory System .. 1.94	

REMARKS ON VARIOUS DEATH CAUSES.

INFECTIVE DISEASES.

EPIDEMIC. There were 173 deaths due to this class of diseases, equalling a death rate of 1·54 per 1,000; the rate last year was 1·14, and was 1·47 and 1·65 in 1908 and 1907 respectively.

The Zymotic Death Rate for the County of London equals 1·14 per 1,000, wherein it varied from 0·46 in Hampstead, 0·47 in the City of Westminster, 0·48 in the City of London, 0·58 in Stoke Newington, 0·61 in Wandsworth and Woolwich, up to 1·90 in Shoreditch, 1·92 in Finsbury, 2·02 in Southwark, and 2·44 in Bermondsey.

The increase in our Zymotic Death Rate appears to be chiefly due to a serious outbreak of measles, which occasioned a total of 47 deaths, and especially to the large number of fatalities from whooping cough; there having been a total of 56 such deaths during the year, and in the case of the latter disease being 30 above the average number of deaths for the last five years.

Locally the Zymotic Death Rate varied from 0·83 in Kidbrooke (0·00 in 1909), 0·33 in Charlton (1·01 in 1909), 1·46 in East Greenwich (1·03 in 1909), 1·67 in West Greenwich (0·74 in 1909), up to 2·80 in St. St. Nicholas (2·01 in 1909).

SMALL-POX. There were no deaths from this disease in 1910, this being the eighth year since a death occurred from this cause in the Borough.

MEASLES. Forty-seven deaths were ascribed as due to this disease, two only of the patients being over five years of age; compared with 38 which occurred in 1909,

16, 55, and 29 deaths were recorded in the three preceding years.

Twenty-seven of the deaths occurred in East Greenwich, 13 in West Greenwich, 5 in St. Nicholas, and 1 each in Charlton and Kidbrooke. The quarterly incidence was 14 in the first, and 29, 3 and 1 respectively in the succeeding quarters.

SCARLET FEVER. This disease occasioned 3 deaths, all being under 5 years of age; there was 1 in East Greenwich, 1 in West Greenwich, and 1 in St. Nicholas. Eight such deaths occurred in 1909 and 6 in 1908.

DIPHTHERIA. There were 10 deaths from this disease during 1909. This gives a death rate for Diphtheria of 0·09, comparing with 0·06, the rate for 1909. Seven deaths occurred in 1909, which were attributed to this cause, and 18, 20 and 30 in the three preceding years.

Four of the patients were under five years of age, 2 of them dying in the Brook Hospital, and 6 of the patients were over five years of age, and of these 5 died in the Brook Hospital. There was a further number of 17 deaths from Diphtheria in patients not ordinarily resident in this Borough, but under treatment at the Brook Hospital.

Thirteen tubes of Diphtheria Anti-toxin, containing a total of 52,000 units of serum, for the treatment of patients suffering from this disease, have been supplied by this Council during the year.

WHOOPIING COUGH. This disease was given as the cause of 56 deaths in 1910, as against 20, 31 and 26 in the three preceding years. These deaths equal a rate of 0·50 per 1,000. There were 2 patients over five years of age. Twenty-four of the deaths occurred in East

Greenwich, 19 in West Greenwich, 11 in St. Nicholas, 1 in Charlton, and 1 in Kidbrooke.

As stated above, this disease was present throughout the whole of the Borough during the early part of the year, particularly the first quarter of the year, in a very malignant form. The average number of deaths during the last five years being 26, whereas this year that number was more than doubled. This is one of the serious infective diseases which up to the present the Sanitary Authority does little or nothing to prevent or control, and I certainly think that the time is not far distant when public opinion will call for some action in reference to this disease on similar lines to those already adopted in connection with other diseases of this class.

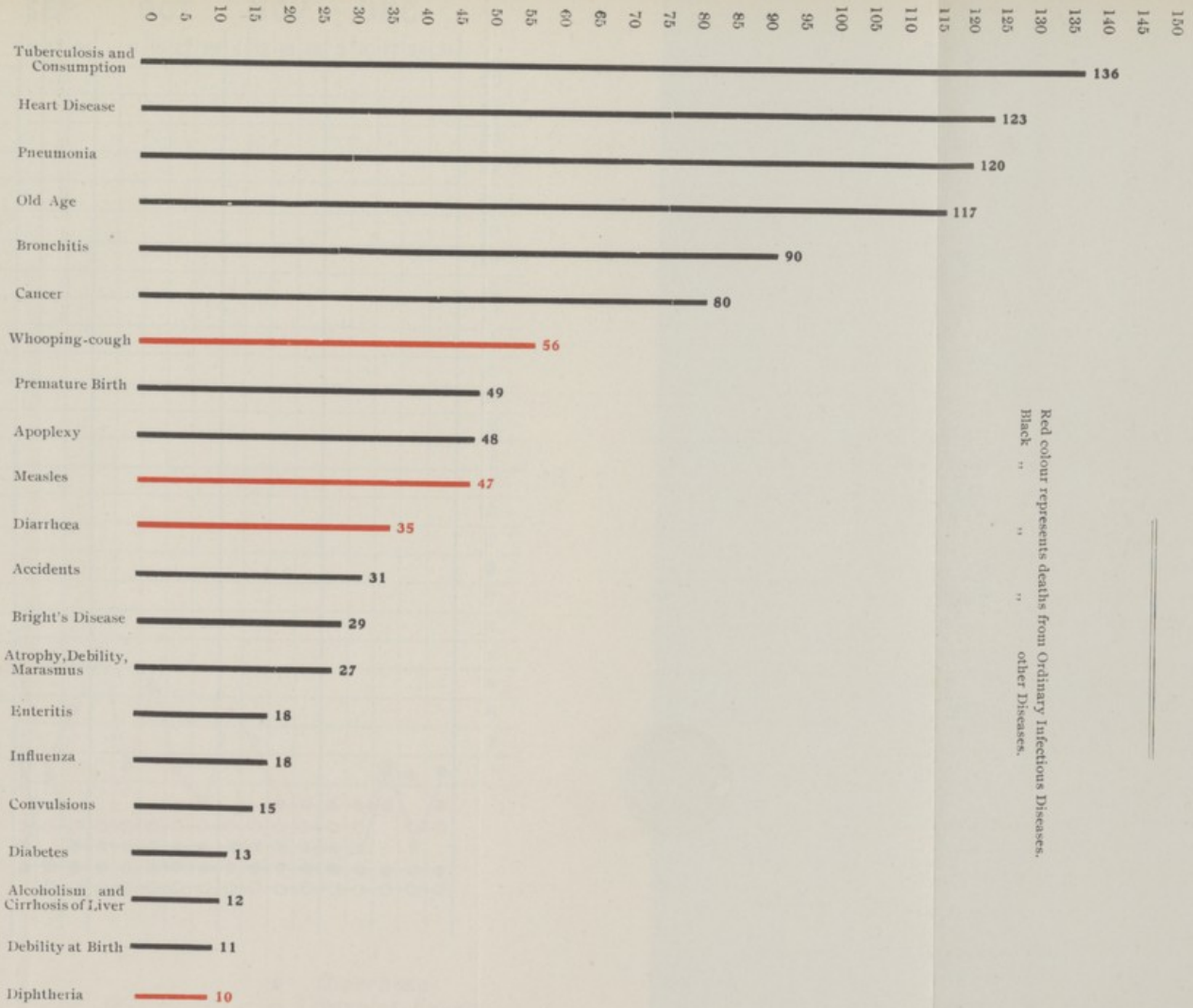
TYPHOID FEVER. There were three deaths ascribed as due to this disease; there were 3 in 1909, 9 in 1908, and 5 each in 1907, 1906 and 1905. One of the deaths was in East Greenwich, 1 in West Greenwich, and 1 in Charlton. One was treated in the Brook Hospital.

DIARRHŒA AND ZYMOTIC ENTERITIS. Thirty-five deaths were stated to be due to this cause, equalling a rate of 0·31 per 1,000. Last year there were 34 deaths, and 49, 33 and 66 respectively in the three preceding years.

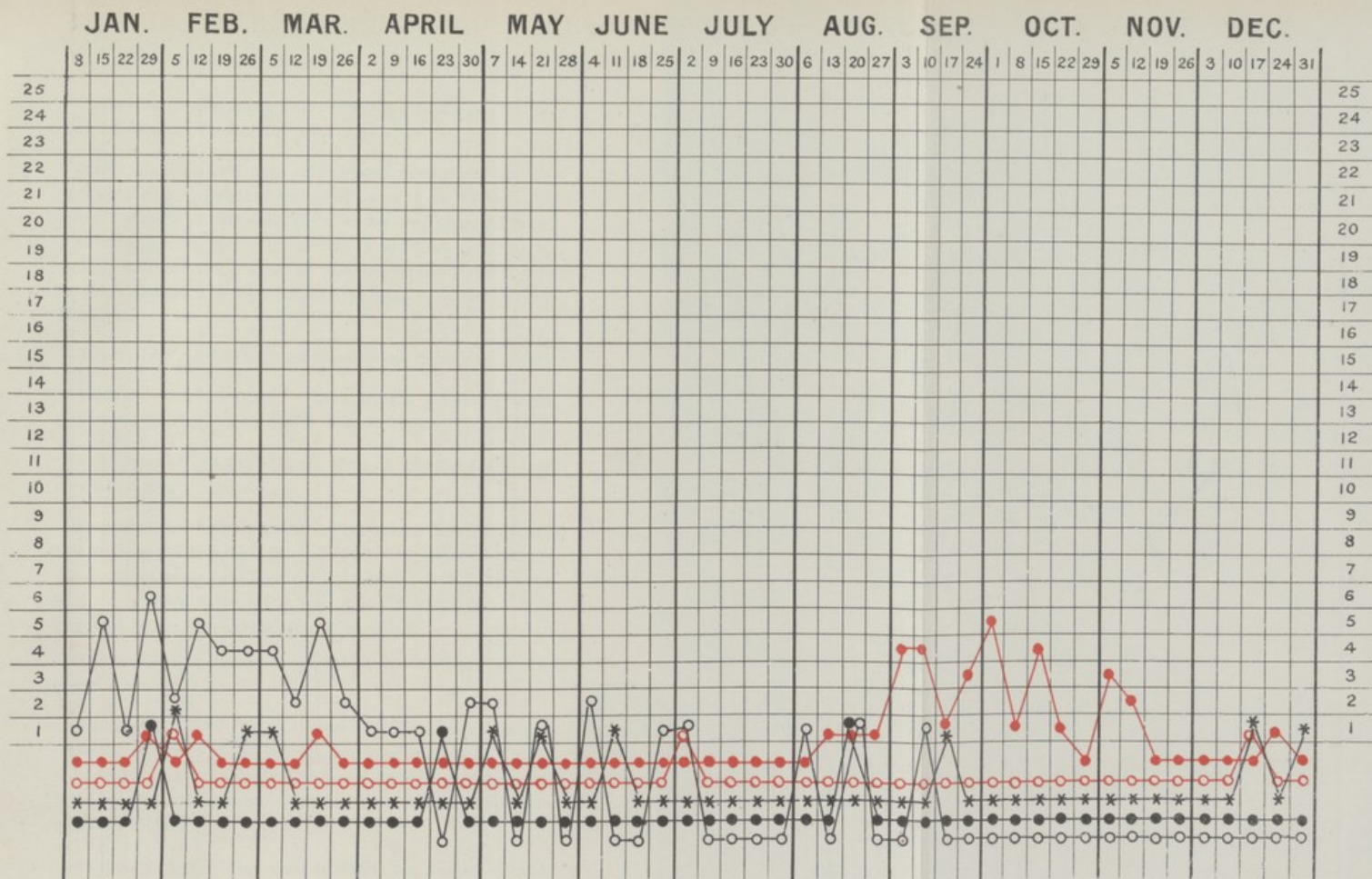
The deaths were distributed as follows:—Seventeen in East Greenwich, 7 in West Greenwich, 7 in St. Nicholas, and 4 in Charlton. Two patients were over five years of age.

INFLUENZA. Influenza is found to have been the responsible cause in 18 deaths in 1910; 24 was the average of the previous three years. Of the 18, 11 were over sixty-five years of age.

This Diagram gives in comparative form the Deaths from those Diseases which have caused the principal amount of Mortality during 1910.







DEATHS FROM ZYMOTIC DISEASES, 1910.

- Diarrhoea
- Scarlet Fever
- * Diphtheria
- Enteric Fever
- Whooping Cough

When this subject is presented, mention of "Mormonism" will be made.



SPORADIC DISEASES. There were no deaths from this class of disease during the year.

VENEREAL. SYPHILIS. Six deaths were given as due to Syphilis, as against 5 in 1909, and 4 in 1908. Of these 6 deaths, 3 were children under five years of age. Two occurred in East Greenwich, 3 in West Greenwich, and 1 in Charlton. One of the deceased persons was in the Greenwich Union Infirmary, and 1 in the Miller Hospital.

There were no deaths from Gonorrhœa during the year.

SEPTIC. ERYSIPELAS. Three deaths occurred from this cause in 1910, 1 in 1909, 5 in 1908, and 3 in 1907.

PUERPERAL FEVER. There were 2 deaths from this disease during the year.

PYÆMIA AND SEPTICÆMIA. There were 2 deaths from this disease during the year. INFECTIVE ENDOCARDITIS. Four deaths were ascribed to this cause, 1 in East Greenwich, 2 in West Greenwich, and 1 in St. Nicholas. The numbers were 2 in 1909, and 3 in 1908.

There were 2 deaths from the other diseases of the septic class.

MALARIAL. RHEUMATIC FEVER. This disease was the cause of 4 deaths in 1910, as compared with 4 in 1909, 6 in 1908, and 6 in 1907. Rheumatism of the Heart was the cause of 2 deaths. There were no deaths from Malarial Fever.

TUBERCULOSIS. This class includes the causes of 136 deaths during the year under review, with a rate of 1·21; these figures compare with 146, 171, and 143, the totals of the previous three years, and respective rates of 1·32, 1·54, and 1·34.

Tuberculosis of Lungs (Consumption) is, as usual, credited with the major portion of these deaths, there being 108 attributed to this cause, or a rate of 0·96 per 1,000, comparing with 1·14 per 1,000, the phthisis death rate for the whole of London. Amongst the Metropolitan Boroughs this death rate ranged from 0·55 in Lewisham, 0·59 in Hampstead, 0·77 in Kensington, 0·84 in Paddington, 0·86 in Wandsworth, up to 1·70 in Finsbury and the City of London, 1·74 in Southwark, 1·76 in Bermondsey, and 1·98 in Holborn.

Locally, the deaths were nil in Kidbrooke, 10 in St. Nicholas, giving a death rate of 0·91; 19 in Charlton, giving a death rate of 1·17; 25 in West Greenwich, giving a death rate of 0·91; and 54 in East Greenwich, giving a death rate of 1·05 per 1,000.

The remaining forms of Tuberculosis were responsible for 28 deaths, 11 being in East Greenwich, 5 in West Greenwich, 2 in St. Nicholas, 9 in Charlton, and 1 in Kidbrooke.

Of these other forms of Tuberculosis, Tuberculosis of the Brain or its Membranes was credited with 13, 9 being under five years of age; Tubercle affecting the Intestines, 7 deaths (3 being under five years of age); General Tuberculosis, 3 deaths (0 under and 3 over five); and other forms 5.

The voluntary notification of cases of Consumption continues in force in the Borough, and is, as the figures show, still appreciated by medical men in the district; 177 such notifications have been received and dealt with during the year, the numbers in preceding years having been 199, 107, 107, 112, 109. Seventy-six of these notifications were in East Greenwich, 29 in West Greenwich, 60 in St. Nicholas, and 12 in Charlton.

PARASITIC DISEASES. There were no deaths from this class of disease.

DIETIC DISEASES. There were 3 deaths from this class of disease, giving a rate of 0·03, all being chronic alcoholism.

CONSTITUTIONAL DISEASES. The deaths from this cause were 101 in number, which gives a rate of 0·90 per 1,000. Of these 80 were attributed to Cancer, 13 to Diabetes, 3 to Gout, 3 to Anæmia, and 2 to Osteo-Arthritis. The deaths from Cancer were distributed as follows: 37 occurred in East Greenwich, 23 in West Greenwich, 5 in St. Nicholas, 14 in Charlton, and 1 in Kidbrooke.

DEVELOPMENTAL DISEASES. There were 230 deaths from this class of causes, equal to a rate of 2·04 per 1,000.

These may roughly be divided into those from causes which would appear to be unavoidable, viz.:—Atelectasis 4, Congenital defects 5, and those from causes more or less preventible, viz.:—Premature birth 49, Injury at birth 3, Debility at birth 11, Atrophy, Debility and Marasmus 27, Rickets 5, want of Breast Milk 1, and Den-tition 8.

The remaining and largest portion of these deaths from developmental diseases, 117 in number, were from Old Age; in 1909 there were 147 deaths from this cause, and 134 in the previous year.

LOCAL DISEASES. NERVOUS SYSTEM. One hundred and fourteen deaths were attributed to the various nervous diseases, which gives a rate of 1·01 per 1,000; last year the rate was 1·30 per 1,000. Convulsions were responsible for 15, all being under five years of age;

8 were from Meningitis, 48 from Apoplexy, 2 from Softening of the Brain, 9 from Hemiplegia or Brain Paralysis, 6 from General Paralysis of the Insane, 2 from other forms of Insanity, 7 from Cerebral Tumour, 7 from Epilepsy, 2 from Locomotor Ataxy, 5 from Paraplegia, and 3 from the other diseases of this system.

ORGANS OF SPECIAL SENSE. There was 1 death from this class of causes, equal to a rate of 0·01 per 1,000.

CIRCULATORY SYSTEM. The death rate from diseases of this system was 1·19 per 1,000, there being a total of 134 such deaths. Valvular diseases of the heart were responsible for 121; 5 from Embolism, 2 from Angina Pectoris, and 1 each from Aneurism and Senile Gangrene, and from the remaining diseases of this system, 4.

RESPIRATORY SYSTEM. Two hundred and nineteen deaths were due to diseases of the respiratory organs, as compared with 237 in the preceding year. The death rate under this heading equals 1·94 per 1,000. Forty-three were from Acute and 47 from Chronic Bronchitis; 120 from the various forms of Pneumonia, 59 being under five years of age; 4 were from Asthma, 4 from Pleurisy, and 1 from the other diseases of the Respiratory System.

DIGESTIVE SYSTEM. There were 59 deaths from diseases of this system, equal to a rate of 0·52 per 1,000, Enteritis was responsible for 18, 16 being under five years of age; 6 were due to Ulcer of Stomach and Duodenum, 7 to Appendicitis, 9 to obstruction and other diseases of the Intestine, 9 to Cirrhosis and 2 to other diseases of the Liver, 6 to Peritonitis, and 2 to the other diseases of the digestive system.

LYMPHATIC SYSTEM. There were 2 deaths from diseases affecting this system, equal to a rate of 0·02 per 1,000.

URINARY SYSTEM. Forty-one deaths, equal to a rate of 0.36 per 1,000, occurred from diseases affecting this system. Twenty-nine were from Bright's Disease, 1 from Acute Nephritis, 8 from diseases of the Bladder and Prostate, and 3 from other and ill-defined diseases of the urinary system.

REPRODUCTIVE SYSTEM. Diseases of the generative organs were the cause of 4 deaths. There were 4 deaths attributed to diseases of Parturition.

BONES AND JOINTS. There were 4 deaths from diseases of bones and joints.

INTEGUMENTARY SYSTEM. There were no diseases of this class.

EXTERNAL CAUSES. There were 37 deaths given as due to causes grouped under this heading; 31 were the result of accident or negligence, and the remaining 6 were from Suicide.

Suffocation, by being overlaid in bed, was the cause of death of 3 children under five years of age; 2 cases were from drowning, while accidents on railways, in vehicular traffic and in building operations and falls, etc., were responsible for 32 deaths.

The Suicides were by hanging in 2 cases, 2 by poison, and 1 each by cut or stab, and, by precipitation from elevated places.

No death has been left so insufficiently described as to need classification under the ill-defined causes heading, and this is a most satisfactory feature.

MORTUARY.

The number of bodies dealt with in the Mortuary since 1896 is shewn below:—

Year.	Drowned Bodies from River.		Other Bodies.		Totals
1896	..	11	..	33	44
1897	..	11	..	47	58
1898	..	15	..	32	47
1899	..	17	..	45	62
1900	..	7	..	66	73
1901	..	13	..	126	139
1902	..	13	..	95	108
1903	..	20	..	118	138
1904	..	15	..	155	170
1905	..	10	..	137	147
1906	..	10	..	124	134
1907	..	11	..	145	156
1908	..	20	..	125	145
1909	..	7	..	124	131
1910	..	12	..	109	121

NOTIFICATIONS UNDER THE PROVISIONS OF THE PUBLIC HEALTH (LONDON) ACT, 1891. During the year 622 cases have been notified under the above Act, as compared with 879, 887, and 1,134 respectively, in the preceding years, 1909, 1908, and 1907.

SMALL-POX. No case of this disease was notified during the year in persons residing in this Borough.

Intimations respecting 8 Small-pox contacts were received from the Southampton Port Sanitary Authority, all of whom were visited and watched during the necessary incubation period. Two from the Tees Port Sanitary Authority; one of these became ill, went into the Seamen's Hospital for treatment, and was there certified to be suffering from Small-pox. This diagnosis, however, was not verified, it being found to be a case of chicken pox.

The warning and advice given in my last Annual Report with respect to obtaining protection against an attack of Small-pox by means of efficient vaccination or re-vaccination need not be repeated *in extenso*, it being sufficient to say that, in my opinion, the necessity for this warning is greater now than it was twelve months ago, and in this respect a word to the wise will doubtless be sufficient.

Vaccination Return for the period July to December, 1909.

Return made on or before the 8th of August, 1910, by MR. A. E. ROSSITER, Vaccination Officer of the several Districts of the Greenwich Union, respecting the vaccination of children whose births were registered in his District from 1st July to 31st December, 1909, inclusive:—

Registration Sub-Districts comprised in the Vaccination Officer's District.	No. of Births from 1st July to 31st Dec., 1909.	No. of these Births duly entered by 31st July, 1910.					No. of Births which on 31st July, 1910, remained unentered in the Vaccination Register on account of—			No. of these births remaining on 31st July, 1910, not accounted for.
		Successfully Vaccinated.	Insusceptible of Vaccination.	Had Small-pox.	Certificates of conscientious objection received.	Dead, Unvaccinated.	Postponement by Medical Certificate.	Removal to Districts, V.O. of which apprised.	Removal to places unknown, and cases not found.	
1	2	3	4	5	6	7	8	9	10	11
2. North Deptford ...	561	400	2	...	25	58	12	2	54	8
4. East Greenwich ...	599	418	3	...	63	44	9	6	50	6
5. West Greenwich ...	328	230	...	...	37	30	3	3	20	5
Total	1488	1048	5	...	125	132	24	11	124	19

Dated August 8th, 1910.

Vaccination Return for the period January to June, 1910.

Return made on or before the 8th of February, 1911, by MR. A. E. ROSSITER, Vaccination Officer of the several Districts of the Greenwich Union, respecting the vaccination of children whose births were registered in his District from 1st January to 30th June, 1910, inclusive :—

Registration Sub-Districts comprised in the Vaccination Officer's District.	No. of Births from 1st Jan. to 30th June, 1910.	No. of these Births duly entered by 31st Jan., 1911.					No. of Births which on 31st Jan., 1911, remained unentered in the Vaccination Register on account of—			No. of these births remain- ing on 31st Jan., 1911, not accounted for
		Successfully Vaccinated.	Insuscepti- ble of Vaccination.	Had Small-pox.	Certificates of conscienti- ous objection received.	Dead, Unvaccin- ated.	Postpone- ment by Medical Certificate.	Removal to Districts, V.O. of which apprised.	Removal to places un- known, and cases not found.	
1	2	3	4	5	6	7	8	9	10	11
2. North Deptford ..	511	380	...	...	34	28	6	4	54	5
4. East Greenwich ...	618	451	1	...	66	42	6	5	37	10
5. West Greenwich ...	316	215	...	...	34	32	4	1	27	3
Total	1445	1046	1	...	134	102	16	10	118	18

Dated February 7th, 1911.

Supplemental Vaccination Return for 1909.

Return made on or before the 8th of February, 1911, by MR. A. E. ROSSITER, Vaccination Officer of the several Districts of the Greenwich Union, respecting the vaccination of children whose births were registered in his District from 1st January to 31st December, 1909, inclusive :—

Registration Sub-Districts comprised in the Vaccination Officer's District.	No. of Births from 1st Jan. to 31st Dec., 1909.	No. of these Births duly entered by 31st Jan., 1911.					No. of Births which on 31st Jan., 1911, remained unentered in the Vaccination Register on account of—			No. of these births remaining on 31st Jan., 1911, not accounted for.
		Successfully Vaccinated.	Insusceptible of Vaccination.	Had Small-pox.	Certificates of conscientious objection received.	Dead, Unvaccinated.	Postponement by Medical Certificate.	Removal to Districts, V.O. of which apprised.	Removal to places unknown and cases not found.	
1	2	3	4	5	6	7	8	9	10	11
2. North Deptford ...	1168	872	4	...	39	95	5	4	142	7
4. East Greenwich ...	1224	888	7	...	102	101	5	12	100	9
5. West Greenwich ...	648	472	1	...	64	44	3	5	56	3
Total	3040	2232	12	...	205	240	13	21	298	19

Dated February 7th, 1911,

DIPHTHERIA. One hundred and sixty cases of Diphtheria were notified during the year, as compared with 155, 221, 253, and 397, respectively, in the four previous years. The distribution of these cases was as follows:—99 in East Greenwich, 39 in West Greenwich, 10 in St. Nicholas, 6 in Charlton, and 6 in Kidbrooke.

Of this total number 142 were removed to the Hospital for treatment.

Amongst which number the Hospital Authorities reported that in five cases they considered the diagnosis incorrect—four of the cases being thought to be Tonsillitis and one case of Vincent's Angina.

There were 10 fatalities due to this disease, which gives a case mortality of 6·3 per cent.

Nine hundred and eighty-four specimens were forwarded by Medical Practitioners for bacteriological investigation from cases suspected to be Diphtheria. Of this number, 850 were reported to give negative or doubtful results, and 134 were positive in character, being dealt with accordingly.

The quarterly incidence of the disease for 1910 has been as follows:—

1st Quarter.—East Greenwich, 16 cases; West Greenwich, 15; St. Nicholas, 6; Kidbrooke, 1; a total of 38 cases.

2nd Quarter.—East Greenwich, 18 cases; West Greenwich, 5; St. Nicholas, 3; Kidbrooke, 1; a total of 27 cases.

3rd Quarter.—East Greenwich, 43 cases; West Greenwich, 12; St. Nicholas, 1; Charlton, 2; Kidbrooke, 3; a total of 61 cases.

4th Quarter.—East Greenwich, 22 cases; West Greenwich, 7; Charlton, 4; Kidbrooke, 1; a total of 34 cases.

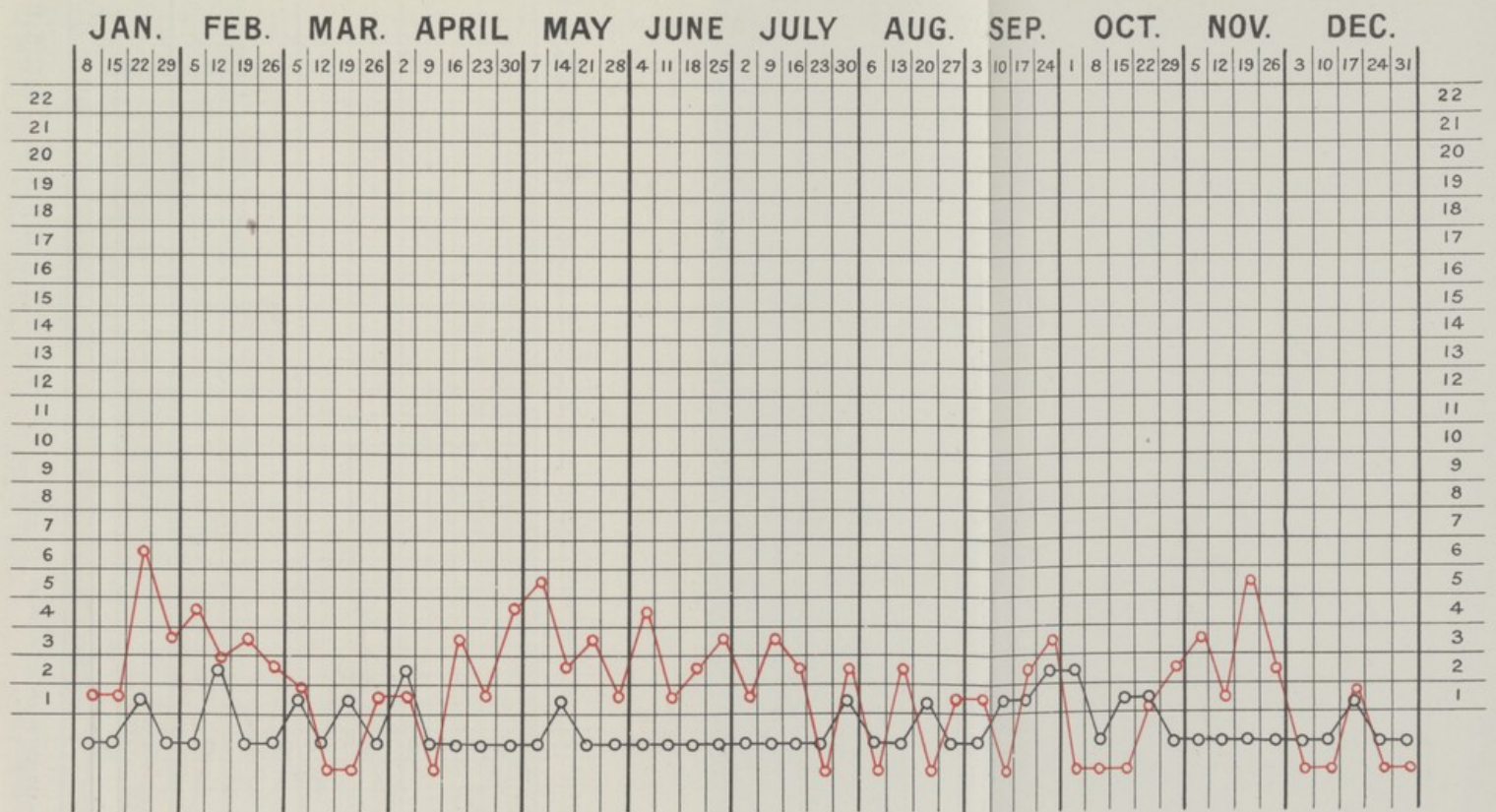
All persons of school age who are known to have been in contact with a case, and, where suspicion arises, adults as well, are examined with a view to stopping the spread of infection. In this way one frequently finds the person who has apparently been the original cause of the outbreak, their illness having been in many cases, and continuing to be of such a mild character, in fact the only symptom being a cold and sore throat as it is thought, whereas on careful examination one finds the specific organism present. Further enquiries shew that this cold and sore throat was in evidence before the first case was notified in the house, hence one may be legitimately excused if one considers that this case might have been of an infectious character almost from its commencement, and that on more suitable soil being infected the disease manifested itself in a more virulent form. Cases in point might be frequently given, but the two following will suffice:—

On making enquiries with respect to the origin of the infection in a notified case—child W.—11, F. Road—no source of infection could be found in the house or other members of the same family. The information was obtained that this child had been a constant companion of a neighbouring child—D., at 17, F. Road—and that this companion had been suffering from what was presumed to be a cold and sore throat for some weeks. On visiting this house it was found that some of the children were still complaining of having sore throat, but were attending school. One child, however, who was obviously too ill to attend school was examined and was found to be definitely suffering from Diphtheria, this being the companion referred to above; on further examining the other children

who at this date were attending school, it was found that two of them also gave positive bacteriological results.

In another case, a child—C. G., 26, B. Place—was notified as suffering from Diphtheria and removed to the Hospital, the premises being disinfected, all the other children on examination gave negative bacteriological results, but on enquiry it was found that the father, D. G., had been suffering for a month previously from some throat affection—he had, however, been under medical treatment for what was supposed to be severe quinsy, although as he had suffered from quinsy frequently before he himself noticed that this affection was much different to his previous illnesses. On my communicating with the medical attendant he informed me that he thought this case had been one of severe quinsy, and that the patient had shewn some little evidence of paralysis. Afterwards, on my examining the father, almost a pure culture of Diphtheria Bacilli was obtained, accordingly he was then notified as suffering from Diphtheria and removed to the Hospital for treatment. The Diphtheria Bacilli persisted in his throat in spite of treatment for a period of nine weeks before a negative result was obtained. Undoubtedly this was the first case in this household, but the diagnosis having been overlooked other cases arose which led in this way to the finding of the original case.

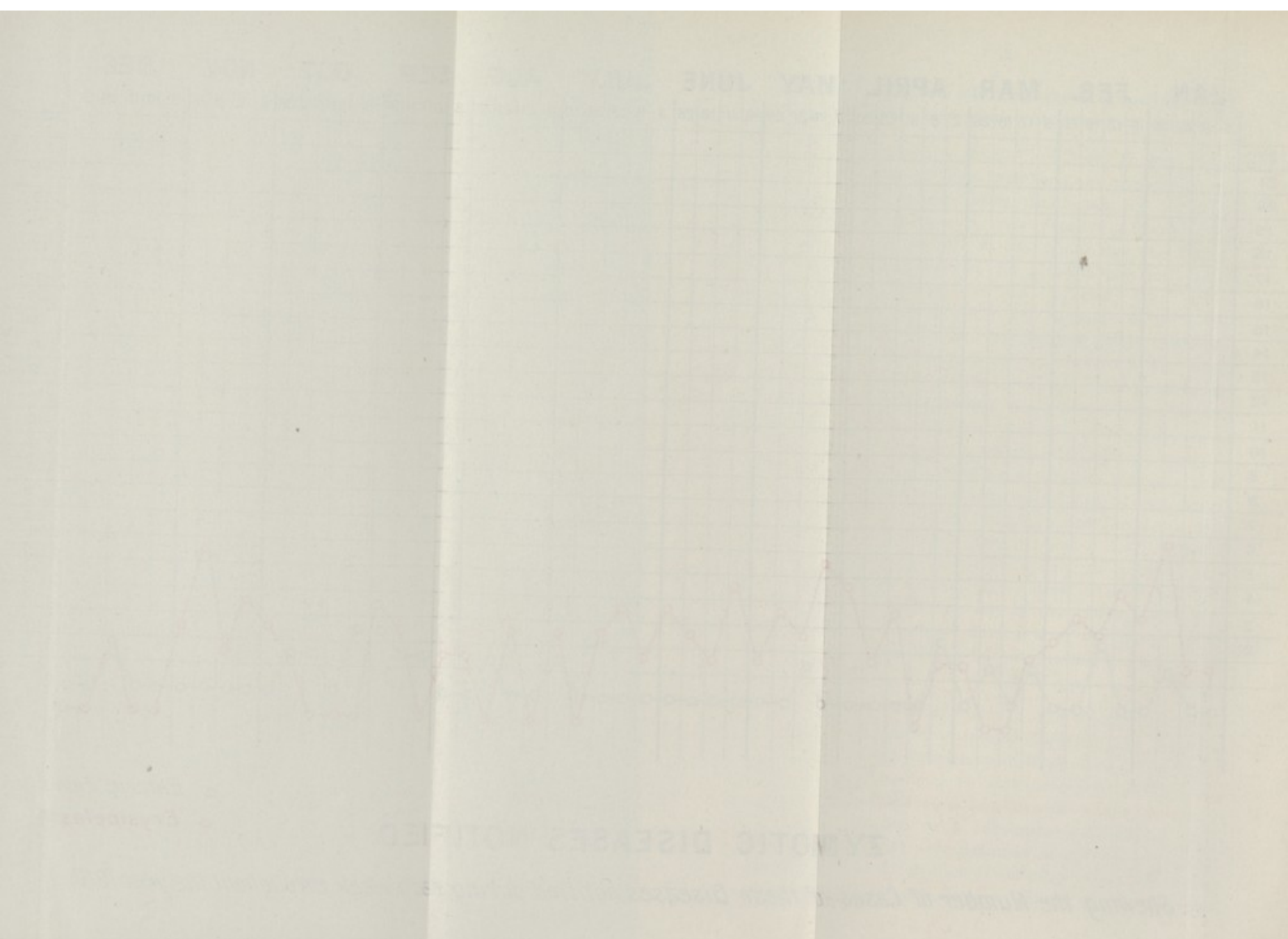
Amongst the children excluded from school on account of throat affection or suspected Diphtheria, or because they were actual contacts with Diphtheria cases, who were examined by me, 48 were definitely found to be harbouring the Diphtheria Bacillus, and 12 of these gave a positive reaction on a subsequent examination. Of these 48 cases, 22 were definitely notified by a medical practitioner in the district as suffering from Diphtheria, the remaining 26 cases, however, rapidly cleared up under

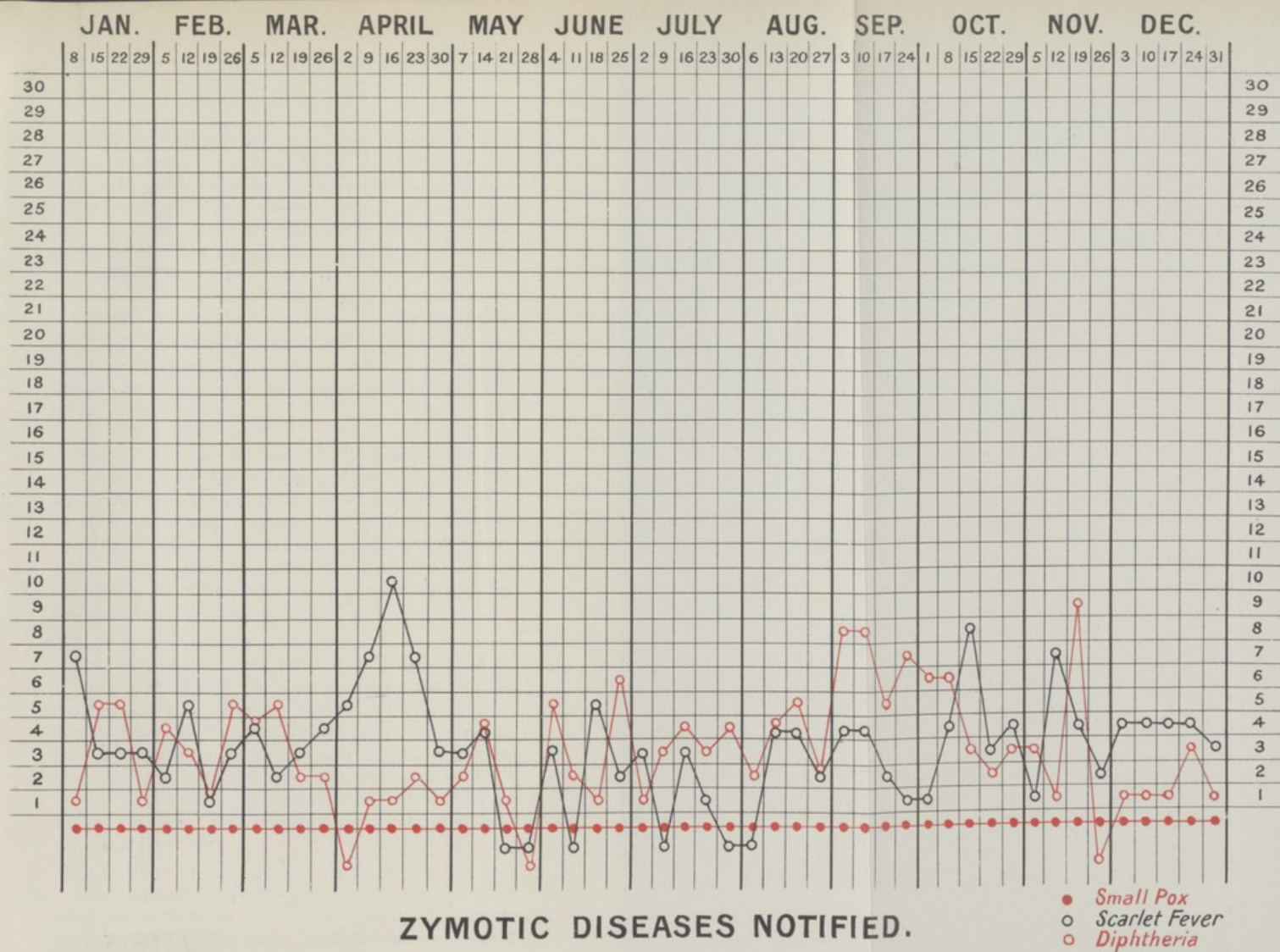


ZYMOTIC DISEASES NOTIFIED.

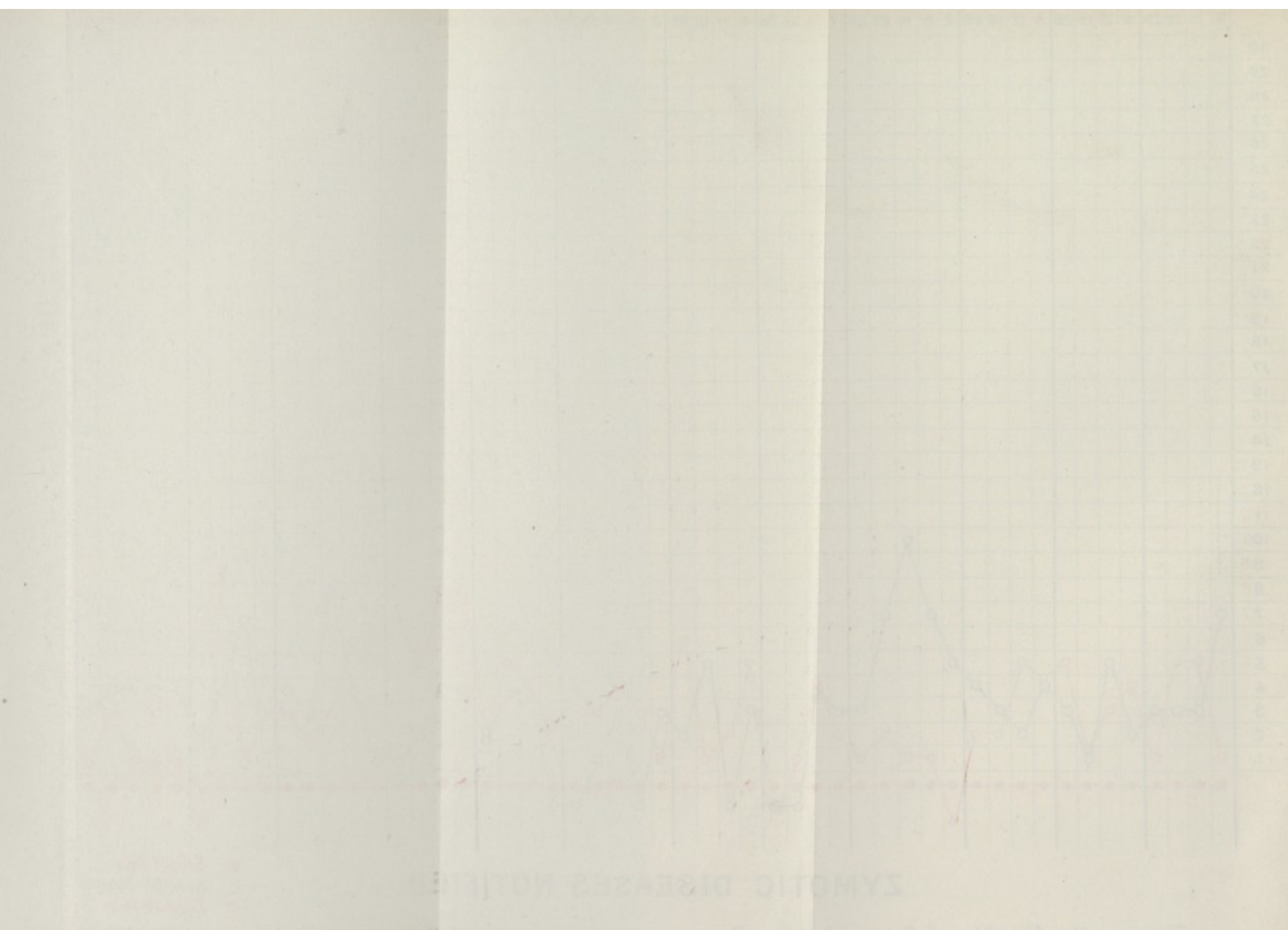
○ Enteric Fever
○ Erysipelas

Shewing the Number of Cases of these Diseases notified during each week throughout the year 1910.





Shewing the Number of Cases of these Diseases notified during each week throughout the year 1910.



simple home treatment, and then gave a negative bacteriological result. As stated above, some of these 48 cases were undoubtedly the origin of some of the cases of Diphtheria definitely previously notified, although, because these cases were much milder in character, therefore not found out until after the development of the much more serious case.

ERYSIPELAS. Eighty-six cases were notified during the year, 23 being in East Greenwich, 32 in West Greenwich, 25 in St. Nicholas, 5 in Charlton, and 1 in Kidbrooke. Thirteen of these patients were removed to Public Institutions in the District.

SCARLET FEVER. One hundred and seventy cases were notified during the year, as compared with 390, 423, and 660 cases, respectively, in the three preceding years; 68 cases were in East Greenwich, 57 in West Greenwich, 17 in St. Nicholas, 22 in Charlton, and 6 in Kidbrooke; 146 of these cases were removed to the Hospital for treatment. There were 3 deaths from this disease during the year as against 8 last year.

Seventeen of the cases removed to the Hospital as suffering from Scarlet Fever were returned as wrongly diagnosed, and 8 stated to be Rotheln, 3 from Erythema, 1 each Bronchitis, Measles, Tonsilitis, Erythema and Appendicitis, Erythema and Pertussis, no alternative disease, however, being stated in the remaining case, while 4 patients on discharge were still suffering, 3 from Chronic Rhinorrhœa, and 1 from Otorrhœa, and parents were duly notified of this.

The following Table gives particulars of the four cases which would seem to be "return cases." There were ten such cases in 1909, eight in 1908, and five in 1907.

Table shewing Return Cases of Scarlet Fever during Year 1910.

No. of Case.	Date of Removal of Primary Case.	Date of Disinfection.	Date of Discharge from Hospital.	Date of Removal of Second Case.	Time between Cases.	Remarks, &c. Appearance on discharge from Hospital.
1	17th Nov., 1909	17th Nov., 1909	7th Jan., 1910	11th Jan., 1910	4 days	Apparently well. Played together.
2	26th Dec., „	28th Dec., „	18th Feb., „	22nd Feb., „	4 „	Nasal discharge.
3	9th „ „	10th „ „	14th Mar., „	15th Apr., „	32 „	Nasal discharge, also otorrhœa.
4	10th Sept., „	10th Sept., „	26th Oct., „	10th Nov., „	13 „	Desquamation.

TYPHOID FEVER. There were 19 cases of Typhoid Fever notified during the year, 7 being in East Greenwich, 8 in West Greenwich, 2 in St. Nicholas, and 2 in Charlton. The ages of the patients were: 1 between one and five years, 5 between five and fifteen years, 7 between fifteen and twenty-five years, and 6 between twenty-five and sixty-five years. Of the total number of cases, 17 were removed to the Hospital for treatment. Twenty-eight such cases occurred in 1909, and 34 in 1908; the average number for the years 1901 to 1909 inclusive, being 42.

Of the total number removed to the Hospital for treatment 1 case, however, was returned, as in the opinion of the Medical Superintendent not suffering from Typhoid Fever, the disease from which the patient was considered to be suffering not being stated.

There were 3 fatalities from this disease during the year, 1 belonging to East Greenwich, 1 to West Greenwich, and 1 to Charlton.

Twenty-three specimens were forwarded for bacteriological examination from cases suspected to be Typhoid Fever in character, and of this number 16 gave a negative result, and 7 were positive in character.

During this year an interesting investigation has been conducted by one of the Medical Inspectors of the Local Government Board into the question as to the number of typhoid carrier cases in London. In connection with this investigation arrangements were made for the bacteriological examination of specimens of the dejecta at monthly intervals for a period of six months after their discharge from the Hospital as recovered from an attack of Typhoid Fever, and under the scheme investigations have been carried out with 13 patients; one of these

patients, however, shortly after discharge from the Hospital removed to Cardiff, whilst another of the patients after the third examination also left the district for a neighbouring Borough; one patient refused to provide further samples after the first two examinations. Of the total number of examinations of these patients only one was found to give at any time positive results, and this was a patient who had been somewhat abruptly discharged from the Fever Hospital for the purpose of having an operation performed at Guy's Hospital, and after her convalescence from that operation she was discharged from that hospital. Just previous to her discharge, however, it was thought advisable, just as a matter of curiosity, to examine her dejecta, when to the surprise of the authorities it was found that there were large numbers of typhoid organisms present; the patient, however, had been in the interval discharged, and this information was forwarded to me by post. The address given by the patient was, however, found to be incorrect, and some little time elapsed before we were able to satisfactorily trace her. She was then, however, kept under observation for four months, for the first three of which positive results were obtained, the fourth examination, however, proved negative, and after this she removed from this district to a neighbouring Borough.

Fish and Enteric Fever.

No of Case.	Age.	Sex.	Date of Notification.	How long Ill before Notification.	Interval between Eating and Illness.	Kind of Fish Eaten.	Where Eaten.	Source of Fish Supply.	Result of Illness.
1	11	F.	28th July, 1910	21 days	5 days	Fried Fish	Home ...	Local ...	Recovered.
2	5	F.	7th Sept., „	11 „	17 „	Hake (unsound) ...	„ ..	„ (Hawker)	„
3	16	F.	19th „ „	30 „	11 „	Fried Fish (frequently)	„ ...	„ ...	„
4	15	F.	26th Oct., „	29 „	7 „	Fried Fish	Kennington ...	Unknown ..	„
5	39	M.	30th „ „	25 „	14 „	Mussels... ..	Home ...	Local ...	„

PUERPERAL FEVER. Five deaths from this disease were notified during the year, 3 in West Greenwich, 1 in St. Nicholas, and 1 in Charlton. There were 8 cases in 1909, and 2 in 1908; 4 of these patients were removed to the Hospital. There were 2 deaths from this disease during the year. Particular enquiries were made respecting the source of infection in each case, but in no way did there appear to be any common origin.

MEASLES. Nine hundred and sixty-nine cases of Measles were notified during the year, as compared with 795 during the previous year, and 497, 1,245 and 482 in the years 1908, 1907 and 1906, respectively. Each case was visited, and the usual measures of disinfecting generally carried out. It will be seen that the incidence of this outbreak was particularly felt during the second quarter of the year, during which period some three-fourths of the total cases were heard of. No particular district of the Borough appears to have been specially exempt. The ages and incidence of the disease will also be seen to be as follows:—Of the total number, 32 were children under one year of age, amongst which cases there occurred seven fatalities, equal to a case mortality of 22 per cent. There were 454 cases between one and five years of age, amongst whom there were 38 deaths, giving a case mortality of 8·3 per cent. Between the ages of five to fifteen years there were 479, with only 2 deaths at this age period, giving a case mortality of 0·4 per cent. There were 4 cases at ages twenty-five to sixty-five, with no deaths.

The case mortality of the whole district works out at 4·9 per cent.

From a consideration of the above figures it will be seen how fatal a disease Measles is, as it affects children under the age of five years, for if the same proportion

of deaths had occurred at ages under five years as did actually occur at all ages over five years there would have been a total of only 4 deaths, as compared with 47 which did actually occur.

Therefore any steps which can be taken to defer the age at which a child becomes subject to this infection is a distinct gain, and although the number of actual cases at the higher ages will thereby be materially increased, yet the total number of deaths ascribed to this disease will apparently be very considerably decreased.

One of the chief steps which might be taken in this respect, in my opinion, is by not admitting to school any child under the age of five years, as undoubtedly by this means we should guard these children from the fatal infection obtained by reason of their school attendance. Of course this would not obviate their being brought into contact with the infection if it were brought home by means of another child sickening for the disease, but the result of my observations tends to show that by far the larger number of fresh centres of infection are brought about by means of school attendance and aggregating together of susceptible material in a classroom in close proximity to any focus of infection.

This reasoning appears to be almost accepted by the London County Council Education Authorities, for we find that from time to time they give directions that in certain classes all children under the age of five years are to be excluded from attendance for a certain period. This is done undoubtedly with the very good object of preventing these young children coming into the focus of infection at the time when there is a grave suspicion of the infection being present, but it seems to me that this is only a sort of trifling with the matter, and that it would

be far better not to have these children in school at all, and hence not run the constant risk of having them brought into the presence of the infection in school. Doubtless some enthusiastic educationalists may say that non-attendance at school under five years of age would affect the child's education, but I think that no child's scholastic education should be allowed to commence at an age less than five years, and, in my judgment, it seems almost a crime to allow children at the advanced age of three years to seriously attend school, when, in my opinion, they most certainly should be under the mother's immediate care and supervision. It may further be advanced that many mothers would not devote much supervision or care to their young children in this way, but I would say more shame to the mothers for so neglecting their young children, and that anything that could be done to hinder such parental neglect, and on the other hand foster a better mothering and homely care for these young children should be attempted.

Table shewing number of Measles Cases reported during the year 1910.

1ST QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich	2	56	70	...	...
West Greenwich	1	26	29	...	1
St. Nicholas ... ..	...	1	2	...	...
Charlton	1	6	6	...	...
Kidbrooke ... ..	...	...	...	...	...
Total	4	89	107	...	1

Total 201.

2ND QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich	8	175	152	...	1
West Greenwich	9	91	96	...	2
St. Nicholas ... ..	...	10	85	...	...
Charlton	5	52	12	...	...
Kidbrooke ... ..	...	...	1	...	...
Total	22	328	346	...	3

Total 699.

3RD QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich	2	...	6	...	...
West Greenwich ... ..	...	6	3	...	...
St. Nicholas ... ..	...	2	...	...	...
Charlton	3	21	11	...	...
Kidbrooke ... ..	...	...	...	...	...
Total	5	29	20	...	...

Total 54.

4TH QUARTER.

	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.
East Greenwich	1	7	4	...	...
West Greenwich ... ..	...	...	2	...	...
St. Nicholas ... ..	...	...	...	...	...
Charlton ... ..	...	...	...	...	...
Kidbrooke ... ..	...	1	...	...	...
Total	1	8	6	...	...

Total 15.

Total cases in year = 969.

EPIDEMIC CEREBRO-SPINAL MENINGITIS. There was only 1 case of this disease notified during the year, which was in East Greenwich. The patient was between the age of one and five years, and died in the Seamen's Hospital, Greenwich, to which place he had been taken for treatment.

ISOLATION SHELTER. This shelter was not used during the year.

CONTACTS. Intimation was received from the Medical Officers of Health to the various Port Sanitary Authorities on 16 occasions during the year in this connection. On 8 occasions with respect to persons coming to an address in this district from a vessel where cases of cholera had developed, and on 8 occasions from vessels which had had a Small-pox case on board. Each of these persons was kept under observation.

GLANDERS. Under the Glanders Order, notification has been made to this authority during the year with respect to 5 different outbreaks of Glanders. Enquiries have been made in each case, and no human Glanders has appeared to result therefrom.

GLANDERS, ANTHRAX AND HYDROPHOBIA. No notification of any case of these diseases in man has been received during the year.

CONSUMPTION. During the year there were 177 cases of Consumption voluntarily notified, 76 being in East Greenwich, 29 in West Greenwich, 60 in St. Nicholas, and 12 in Charlton. Of this number 44 cases were under treatment in an Institution. The ages of the patients were, 4 under one year of age, 6 between one and five years, 30 between five and fifteen years, 28 between fifteen and twenty-five years, 100 between twenty-five and sixty-five years, and 9 over sixty-five years.

Sixty-nine specimens were forwarded by Medical Practitioners for bacteriological investigation from patients suspected to be consumptive; 50 were reported to be negative, and 19 positive.

Disinfection has been offered and carried out in 66 cases, including 74 rooms and 136 articles of bedding, etc.; disinfectant has also been supplied to patients to disinfect sputum, etc.

In my opinion there is a very great need for some Institution in the district on the lines of the Tuberculosis or Anti-Tuberculosis Dispensaries now springing up in various parts of London and the Provinces, whereby means are provided for definitely not only treating persons actually suffering from Tuberculosis but searching out cases, particularly those in the early stage, getting them placed under appropriate treatment before the disease has developed too far. Communications have been received from the Society for the Promotion of Tuberculosis Dispensaries, which communication has been forwarded to the Governors of the Miller Hospital, as in my opinion it would be far preferable to utilise the services of an existing Institution in this way rather than build and develop an Institution solely for this purpose, which would undoubtedly in a measure become a competitor with existing Institutions. The governing body of the Miller Hospital are very kindly taking this matter into their careful and serious consideration, and I have hopes that some definite means may be speedily adopted for the achievement of this object.

The following table shows the number and character of the notifications received under the recent Public Health (Tuberculosis) Regulations:—

1ST NOTIFICATION.			1ST QUARTER.			3RD NOTIFICATION.			Total.
A.	B.	C.	A.	B.	C.	A.	B.	C.	
13	20	7 = 40	0	6	0 = 6	-	-	-	46
2ND QUARTER.									
7	13	9 = 29	2	0	0 = 2	-	-	-	31
3RD QUARTER.									
7	14	3 = 24	1	1	1 = 3	-	-	-	27
4TH QUARTER.									
11	17	7 = 35	2	1	1 = 4	0	0	2 = 2	41 .
TOTAL FOR YEAR.									
38	64	26 = 128	5	8	2 = 15	0	0	2 = 2	145

A. Indicates notifications by Medical Officers of Poor Law Institutions.

B. Indicates notifications by District Medical Officers.

C. Indicates notifications of patients' changes of address made by Superintendents of Poor Law Institutions.

From which it will be seen that during the year there were a total of 102 patients notified, 38 of them being already in Poor Law Institutions, and 64 being patients outside such Institutions, concerning which patients we received 26 intimations of change of addresses, a further 13 second notifications from other Poor Law Medical Practitioners, 1 fourth notification, 1 fifth notification, and 1 sixth notification, whilst 2 second notifications of changes of address, and 2 third such notifications were also received.

GREENWICH HEALTH SOCIETY.

This Society continues to make slow but satisfactory progress in the Borough. Changes in the management have now been carried out, the late Secretary feeling compelled to resign the post on account of ill health, and a new Secretary having been found in the person of Mrs. Cooper Key, of the Royal Naval College, under whose able direction it is thought that this Society will grow and continue to do its good work. There is still a great need, however, for suitable visitors, and I think

many ladies of ease and leisure in the Borough could do far worse with their spare time than by offering themselves as visitors to this Society, and thus utilise some of their spare time in endeavouring to better the position and encourage their sisters of the poorer classes whose lines are not cast in such pleasant places, who are much hampered by want of knowledge, and who as a rule much appreciate the kindly visit and sympathy of a suitable visitor.

HOUSES INSPECTED AND ENQUIRIES MADE IN CONNECTION WITH INFECTIOUS DISEASE.

EXCLUDING MEASLES.

Number of Houses Inspected and Enquiries made	691
Number of Revisits 	2,478

Twenty-five Rooms have been cleansed after disinfection by the Department.

HOUSES INSPECTED AND ENQUIRIES MADE IN CONNECTION WITH MEASLES.

Number of Houses Inspected and Enquiries made, including Revisits 	969
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The undermentioned School has been disinfected, owing to the prevalence of infectious disease amongst the children attending:—

3RD QUARTER.

August. St. John's School (Girls' and Infants' Department)—Diphtheria.

Number of Articles and Rooms Disinfected in connection with the Undermentioned Diseases for the 52 weeks ending 31st December, 1910.

INFECTIOUS DISEASES.					Premises Entered.	Rooms Disinfected.	Beds Disinfected.	Palliasses Disinfected.	Mattresses Disinfected.	Bolsters Disinfected.	Pillows Disinfected.	Blankets Disinfected.	Sheets Disinfected.	Cushions Disinfected.	Quilts Disinfected.	Odd Articles Disinfected.	Total No. Articles Disinfected.
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever...	...	...	...	...	147	170	99	15	84	90	231	239	37	35	120	461	1411
Diphtheria	...	...	...	...	147	162	51	...	43	42	126	132	8	27	59	61	549
Enteric Fever	...	...	...	...	17	17	13	1	5	13	28	21	3	...	8	1	93
Puerperal Fever	...	...	...	...	5	6	6	1	4	5	11	6	4	...	7	24	68
Phthisis	...	...	...	...	66	74	14	2	8	10	44	19	5	2	8	24	136
Other Diseases	...	...	...	...	73	85	27	2	165	86	300	35	5	8	14	244	886
Measles	...	...	...	...	750	763	...	...	...	...	...	...	...	...	...	...	...
From Verminous Premises...	...	...	...	...	4	5	4	1	2	1	6	1	4	...	4	27	50
TOTAL					1209	1282	214	22	311	247	746	453	66	72	220	842	3193

Number of Articles Destroyed in connection with the Undermentioned Diseases
during the 52 weeks ending 31st December, 1910.

INFECTIOUS DISEASES.	Beds Destroyed.	Pillows Destroyed.	Mattresses Destroyed.	Bolsters Destroyed.	Pallases Destroyed.	Blankets Destroyed.	Sheets Destroyed.	Cushions Destroyed.	Quilts Destroyed.	Odd Pieces Destroyed.	Total Articles Destroyed.
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	1	...	1	...	1	...	...	...	...	...	3
Diphtheria	2	...	...	...	...	...	...	3	...	13	18
Enteric Fever... ..	...	3	3	1	...	4	...	7	...	8	26
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Membranous Croup ... ..	...	...	...	...	...	...	...	...	...	...	...
Phthisis	6	...	...	...	1	...	...	...	...	...	7
Other Diseases	6	12	8	3	2	4	2	8	1	236	282
Verminous ... ..	...	...	...	...	2	...	...	...	...	63	65
TOTAL	15	15	12	4	6	8	2	18	1	320	401

SANITARY WORK.

The Table on pages 73 to 79 summarizes, as far as possible, the Sanitary Work of the Department; from this it will be seen that a total of 15,569 houses and premises have been inspected or reinspected during the year; 1,497 intimation notices have been served, and 434 statutory notices.

With the exception of prosecutions in connection with the Sale of Food and Drugs Acts, it was only found necessary to institute Police Court proceedings in four cases, one being in connection with nuisance from the emission of black smoke, one being for sanitary defects; one for defective drains, and one for carrying offensive refuse during prohibited hours.

There were altogether throughout the year 322 complaints entered in the Public Complaint Register of the Department; these were in each case carefully investigated, and any necessary action immediately taken, thus there are none of these matters left outstanding or unattended to.

BAKEHOUSES. One hundred and ninety-five inspections have been made of the various Bakehouses in the Borough, and 38 nuisances found therein have been abated as the result.

FACTORIES AND WORKSHOPS. One hundred and fifty inspections have been paid to these premises within the Borough during the year. There were 238 workshop premises on the Register at the beginning of the year, 30 have been added during the year, and 6 have been taken off, leaving a total now on the Register of 262. This total number includes 21 laundries, 36 dressmakers, 8 fuel and firewood works, 5 cycle works, 7 milliners, and

various others, including workplaces, such as 4 blacksmiths, 13 barge builders, 4 builders' yards, etc. Information has been sent to H.M. Inspector of Factories with respect to 4 new workshops, and also 3 instances where protected persons were employed on premises no abstract being displayed. One complaint has been received from H.M. Inspector and also 8 intimations respecting alleged new workshops; of these 8 however, only 4 were really new premises, the other 4 relating to premises which had already been notified by us to H.M. Inspector.

The inspections have revealed the presence of defects or insanitary conditions requiring the service of many verbal, and in addition, 46 written notices, 30 of these being in respect of workshops, including workshop laundries, and 16 in respect of work-places. The notices had reference to want of cleanliness generally in 62 cases, want of ventilation in 2 cases, unsuitable or defective sanitary accommodation 12 cases, and other nuisances 23 cases, also for Breach of Special Sanitary Requirements for Bakehouses in 10 cases. These defects have all been attended to.

OUTWORKERS' REGISTERS. Seventy-three lists of Outworkers, containing 277 names and addresses, have been received during the year from Medical Officers of Health for other Districts; 26 lists, containing 200 names, have been received from employers within the District; 29 lists, containing 70 names, have been forwarded to other Districts, thus giving a total of 407 names and addresses of outworkers within the Borough. Two hundred and ninety-seven visits of inspection have been made to these premises, and insanitary conditions, mainly want of cleanliness have been revealed in 25 instances; 25 written notices were served with respect to these matters.

FACTORIES, WORKSHOPS, LAUNDRIES, WORK- PLACES and HOMEWORK.

1.—INSPECTION.

PREMISES.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries.)	61	...	...
Workshops (Including Workshop Laundries.)	150	30	...
Workplaces (Other than Outworkers' Premises)	111	16	...
Total	322	46	...

2.—DEFECTS FOUND.

PARTICULARS.	NUMBER OF DEFECTS.			Number of Prosecutions.	
	Found.	Remedied.	Referred to H.M. Inspector.		
<i>*Nuisances under the Public Health Acts :—</i>					
Want of Cleanliness	62	62	...	...
Want of Ventilation	2	2	...	...
Overcrowding ... ..	...	...	...	...
Want of Drainage of Floors ... ..	...	...	...	...
Other Nuisances	23	23	...	...
Sanitary Accommodation—					
Insufficient ... ..	...	...	...	...
Unsuitable or defective	12	12	...	...
Not Separate for Sexes ... ..	...	...	...	...
<i>Offences under the Factory and Workshop Act :—</i>					
Illegal Occupation of Underground Bakehouse (s. 101) ... ..	...	...	...	...
Breach of Special Sanitary Requirements for Bakehouses (ss. 97 to 100)	10	10	...	...
Other Offences ... ..	...	..	...	...
Total	109	109	Nil	Nil	

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

3.—HOME WORK.

Nature of Work.	Outworkers' Lists, Section 107.								Number of inspections of outworkers' premises.	Outwork in unwholesome premises. Sec. 108.			Outwork in infected premises. Secs. 109 & 110		
	Lists received from Employers.				Numbers of addresses of outworkers received from other Councils.	Numbers of addresses of outworkers forwarded to other Councils.	Prosecutions.			Instances.	Notices served.	Prosecutions.	Instances.	Orders made (Sec. 110).	Prosecutions (Secs. 109 & 110).
	Twice in the year.		Once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.							
	Lists.	Outworkers	Lists.	Outworkers											
Wearing Apparel—															
(1) Making, &c. ...	24	198	...	...	190	70	...	...	222	25	25	...	...	...	...
(2) Cleaning & Washing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lace, Lace Curtains & Nets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Furniture and Upholstery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fur Pulling ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Umbrellas ...	2	2	...	...	...	...	...	...	1	...	...	...	...	...	...
Paper Bags and Boxes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cotton and Kit Bags ...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...
Brush Making ...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
Rackets & Tennis Balls ...	...	...	...	...	81	...	...	...	74	...	...	...	...	...	...
Stuffed Toys ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS ...	26	200	...	...	277	70	...	...	297	25	25	...	...	...	...

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

	No.
Bakehouses	60
Factory Bakehouses	4
Barge Builders	13
Blacksmiths	4
Boot and Shoe Makers	7
Builders' Yards	4
Carpenters and Joiners	3
Carriage Builders	5
Coopers	5
Cycle Works	5
Dress and Mantle Makers	36
Fuel Works	8
Laundries	21
Milliners... ..	7
Photographers	3
Picture Frame Makers	3
Printers	3
Tailors	3
Underclothing Makers	8
Others	60
	— 262

5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	3
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (s. 5) :—	
Notified by H.M. Inspector	1
Reports (of action taken) sent to H.M. Inspectors	1
Other ... ..	...
Underground Bakehouses (s. 101) :—	
In use during 1909	18
Certificates granted in 1910... ..	...
In use at the end of 1910	17
Unoccupied „ 1910	1

SLAUGHTER HOUSES. The slaughter houses in the Borough have been inspected on 54 occasions by the Inspectors.

COWHOUSES. The four cowhouses in the Borough have been visited on 13 occasions, and the required cleansing has been duly enforced on 12 occasions.

HORSE SLAUGHTERER. The one horse-slaughtering house in the Borough has been visited by the Inspector on 19 occasions, and cleansing of the premises was required on 3 of these visits.

During the year these premises have been entirely rebuilt and remodelled, in accordance with the recent requirements of the London County Council, so that now the whole of the operations carried out in these premises are carried out within enclosed chambers, the offensive smell and fumes from which are conducted by means of flues over a coke furnace and into a shaft before emission to the outer atmosphere. Personally I am somewhat dubious as to the advantages likely to be derived from this very considerable outlay, because from our experience of the old premises really bona fide complaints of objectionable smells arising therefrom were very seldom found to exist, but at any rate these premises now comply with the requirements of the London County Council By-laws, and undoubtedly the previous premises did not. It however remains to be seen what effect these considerable alterations have upon the emanations from these premises into the surrounding neighbourhood.

OTHER SCHEDULED OFFENSIVE TRADES. The 63 other premises where these offensive trades are carried on, notably within the precincts of the Foreign Animals' Wharf, Deptford, have been frequently visited, and the requirements of this Authority have always immediately received attention.

During the year communications were received from the London County Council, drawing the attention of this

Council to the fact that certain premises occupied by various firms employed in the Gut-scraping business and in Tripe boiling, were not built in accordance with the London County Council By-laws. Inspection was made of these premises and it was found that they did not comply with the letter of the By-laws in many respects. Permission was obtained to inspect premises in another Borough which were admitted by the London County Council to be in accordance with their by-laws, and as a result of such inspection, and a comparison of the conditions found in the two sets of premises, I came to the conclusion that the conditions existing in the Foreign Cattle Market were infinitely preferable to those found in the other premises referred to. Representations were accordingly made to the London County Council to this effect, and under the circumstances this Council declined to take proceedings against the various firms for not having their premises in compliance with the by-laws. At an interview between Sir Shirley Murphy, the Medical Officer to the London County Council, and myself, I strongly insisted upon the need for differentiation between these various premises, and on the grounds that these premises were considerably removed from dwelling-houses that the whole of the material dealt with on the premises was dealt with in quite a fresh state, always within 24 hours of its production, and that there was a large amount of air-space and fresh air permeating this neighbourhood by reason of its proximity to the river, and the large open spaces in the Cattle Market premises themselves. On these grounds arrangements were made that action against any or all of these various firms should at any rate be delayed until after this forthcoming summer, so that observations may be kept upon the premises during the warmer weather of the summer months.

DAIRIES, COWSHEDS, AND MILKSHOPS ORDER. At the commencement of the year, there were 206 premises on the Register of Dairies and Milkshops; 11 new applications have been received during the year and added to the Register, and 35 names have been taken off, thus leaving a total of 182 premises now registered. During the year 261 visits of inspection have been paid to these premises; notices were served upon the occupiers in 22 cases, 9 of which were for dirty premises generally, in 1 case for dirty milk vessels and utensils, and in 12 instances for general insanitary conditions.

Under the powers conferred by the London County Council (General) Powers Act, 1908, Section 5, with respect to the registration of premises unsuitable for the sale of milk, such registration has been refused on the grounds of the unsuitability of the premises in 6 cases.

ICE CREAM PREMISES. There were 118 premises known at the commencement of the year where the manufacture of this commodity was carried on, 15 have been added during the year and 7 taken off, leaving a total of 126 premises. These premises were inspected on 134 occasions, and improvements, either by way of cleansing of the premises in 11 cases, or the remedying of sanitary defects in 3 cases, and 5 suitable ash receptacles required.

The London County Council included in the General Powers Bill of this year clauses calculated to cure the defect in the law, which was set out fully in the Annual Report for last year, whereby the same provisions were to have effect with reference to a stand as appertain to a cart or barrow. The London County Council also inserted another clause providing for a certain amount of supervision and control of such matters by that body, and when these clauses came before the House of Commons Committee, because there was a considerable amount of opposition to the control clause, the London County

Council thought fit to withdraw the whole of the clauses rather than give way on the question of their supervision and control. This attitude on the part of such a body as the London County Council is certainly to be deplored. Sanitary Authorities and the Public Health will accordingly have to wait for some future Bill before the anomalous position is put right.

FOOD PREPARATION. Places where food is prepared have been visited on 156 occasions, improvements being required in 42 instances, as detailed below:—

Class of Premises.	NUMBER ON LISTS.				Number of instances where matters needed attention.
	At end of 1909.	Added 1910.	Removed 1910.	At end of 1910.	
Hotel Kitchens	6	...	1	5	3
Eating Houses	49	6	4	51	23
Fried Fish Shops	32	1	1	32	9
Pork Butchers ...	17	3	1	19	5
Mineral Water Manufacturers	2	1	...	3	...
Ice do.	2	...	...	2	...
Sausage do.	5	...	...	5	2
Others ...	4	3	2	5	...
Totals ...	117	14	9	122	42

The 42 instances where matters needed attention included 24 cases where the premises generally, or kitchen and scullery particularly, needed cleansing and lime-washing, 5 requiring a proper ash receptacle, and 3 requiring the w.c. apparatus attending to, leaving 10 other minor defects.

CUSTOMS AND INLAND REVENUE ACTS. Thirty-two applications were received during the year for certificates under these Acts. No certificates were granted.

HOUSING OF THE WORKING CLASSES. Premises have been found to be overcrowded in 34 cases, which have all been abated, and in 3 cases the illegal use of underground rooms has been discontinued. Four hundred and fifty-seven houses have been generally repaired; 342 premises have been cleansed, limewashed, and repaired; 29 have been improved as regards their ventilation; 202 premises have had the walls and ceilings cleansed throughout, and 256 premises have been partially cleansed; leaky house roofs and gutters have been repaired in 406 cases; nuisances from dampness have been abated in 123 cases; dampness of walls have been remedied in 97 cases; direct connection between the internal sanitary fittings of houses and the drain have been disconnected, trapped, and amended in 237 cases; similarly 107 stack pipes have been disconnected, trapped and amended; 2 houses have been abolished as unfit for habitation; and other nuisances principally of dilapidations and want of underfloor ventilation have also been attended to in 13 cases.

No definite proceedings have been taken either under the Public Health (London) Act, 1891, of the Houses of Working Classes Acts, for the closing of any properties, but in many instances our requirements under notices to abate the nuisance arising on such properties have been of such an extensive character that the owners have themselves voluntarily closed eleven houses rather than spend the money required to put them into such a condition as to comply with the notices served upon them.

The Greenwich Hospital Estates Department have been carrying out considerable improvements to their property in different parts of the Borough. A portion of the site of the "Ship" Hotel having been cleared, and upon this 16 houses have been erected of a commodious type, including bath room, lavatory basin, and drying closet, which conveniences are not usually included in working-

class dwellings. These dwellings are let at an inclusive rental of 12s. per week. Other similar dwellings have been also erected by them in the Old Woolwich Road, bath rooms have been, and are being, provided in many of the older properties on the estate, with the idea of bringing the property up to date, and supplying a very necessary want.

Notices of dilapidation have been served on other lessees on this estate, and in this way a good deal of work has been done by this body as landlords to improve their property and at the same time provide working-class dwelling accommodation.

The Housing and Town Planning Act, 1909, has been under consideration, but the question of definitely selecting areas for its operation was adjourned until this current year.

HOUSES LET IN LODGINGS. Out of a number of such premises which have been reported to the Committee, it has been decided during 1910 to register 27, which together with the 68 on the register at the end of 1909, gives a total of 95 premises on the Register of Houses let in Lodgings at the end of the year.

The difficulty connected with the By-laws for regulating these premises having at last been settled between the Local Government Board and this Council, a new series have been drawn up, adopted, and approved by the Local Government Board, and towards the latter part of the year a lady Sanitary Inspector was appointed, one of whose duties being to specially take in hand the question of registration of this class of property, and up to the present time a good deal of work has been done in this connection.

HOUSE DRAINAGE. Two hundred and seventy-four house drainage systems have been reconstructed; 242 such systems have also been opened, cleansed and amended; 45 new systems and 242 surface drains have been constructed; 81 systems have been tested by smoke and 371 by water, of which number 215 were found to be defective; 73 new soil pipes and 423 traps have been fixed, together with 56 intercepting chambers, and 10 other chambers. One cesspool has been abolished; 53 areas, 142 yards, and 25 mews and stables have been thoroughly drained. Twenty-five water closets and 1 urinal have been erected; a pan, trap and water supply have been furnished throughout in 160 cases, and other fittings in 297 cases, whilst the water supply has been renewed in 137 instances. The water supply for lavatory purposes has been disconnected from the drinking water system in 24 instances. Public-house urinals have been cleansed and repaired in 68 instances, whilst a water supply has been laid on or repaired at 1 such convenience, and 1 new urinal was provided.

COMBINED DRAINAGE. London is still without any satisfactory solution to this difficult question, and the problems that frequently arise are the occasion of increasing expenditure on behalf of the Council, which ought morally to be defrayed by the property owners themselves. I notice that there is an increasing tendency among sanitary authorities outside London to promote Bills dealing with this question, either by combination or otherwise, and it is sincerely to be hoped that at no distant date London sanitary authorities will adopt similar measures.

Complaints were again occasionally received respecting the offensive emanations from the London County Council main sewer, but as the summer generally was not characterised by any great heat, these complaints were not

very numerous. In the early part of the year there were somewhat extensive floodings in the low-lying part of the Borough from the over-charging of the London County Council main sewer; this particularly affected premises in Anchor and Hope Lane and on the river side of Woolwich Road.

RATS. The Local Government Board having issued an order with respect to the destruction of rats wherever they were found to exist in large numbers, the following letter was sent to all owners and occupiers of river-side premises, and other premises where it was thought likely there might be a number of these rodents, and in every case the responsible persons adopted measures to materially reduce the number of rats about their premises.

DEAR SIR,

I beg to inform you that the Local Government Board, acting under their powers relating to the prevention of epidemic diseases, have issued an order requiring the Local Authority in this district, under certain conditions, to see that measures are adopted for the destruction of rats in the district.

The Public Health Committee of this Council, therefore, having had this matter under their consideration, authorised me to communicate with you, desiring:—

First.—That should you notice any unusual and apparently inexplicable mortality amongst the rats on, or in the neighbourhood of, your premises, to immediately communicate with me upon this point.

Secondly.—To request you to take what measures you may think best for ensuring the destruction of all rats in or about your premises.

If you think that this Department can be of service to you in the way of advising or assisting in this matter,

I shall be most happy to hear from you, and beg to assure you of our hearty co-operation.

Thanking you in anticipation of your kind attention to and compliance with, this request,

I am,

Yours faithfully,

REFUSE REMOVAL. New ash receptacles have been provided in 347 cases, and 6 complaints on this subject have been forwarded to the Surveyor for his attention.

OFFENSIVE TRADE REFUSE. The arrangements entered into with Messrs. Hempleman & Co., of West Ham, still continues to work very satisfactorily.

Police Court proceedings were taken during the year against a Bermondsey firm for carrying offensive material through the Borough during prohibited hours, the Magistrate inflicting a fine of 25s. and costs.

PUBLIC SANITARY CONVENIENCES. The Public Sanitary Conveniences, Urinals, Fountains and Horse Troughs situated within the Borough are the same as last year, with the exception of the Horse Trough, Woolwich Road, which had to be removed when the tramway system along that thoroughfare was electrified.

The question of provision of further accommodation in the way of public sanitary conveniences has been before the Committee on many occasions. The subject having been reported upon both by the Borough Engineer and Surveyor and myself, various sites were pointed out where these conveniences might be erected, but during the year nothing definite was done in this matter. During this current year, however, an above-ground urinal of the Chalet type is being erected near the junction of Blackheath Hill and Lewisham Road, on the site of the old underground convenience which existed for many years at this spot.

WATER SUPPLY. The water supplied throughout the whole of the District by the Metropolitan Water Board still maintains its high standard of purity.

During the year 84 water supply certificates have been granted under Section 48 of the Public Health (London) Act, 1891; these certificates stating that the new houses to which they refer are supplied with a proper water supply in accordance with the Act. Defective water fittings have been renewed in 104 cases; 23 water supplies have been reinstated where the supply had been cut off; 58 water supplies have been altered so as to draw direct from the main; the cleansing, repairing, and covering of cisterns has been required in 35 cases.

SMOKE NUISANCES. Two hundred and sixty-seven observations have been taken for smoke nuisances during the year, but on only 15 occasions was it found necessary to issue Statutory Notices for the abatement of any nuisance which was found.

One prosecution has been taken during the year on this account, the Magistrate granting a prohibition order, and 21s. costs.

FOOD AND DRUGS ACT. Four hundred samples have been purchased under the provisions of the Sale of Food and Drugs Acts and submitted to the Public Analyst for analysis, of which 381 were certified to be genuine and 19 adulterated, the adulterations thus being equivalent to about 5 per cent of the samples taken.

Of the total number of samples purchased, 127 were butter, of which 3 were adulterated; 189 were milk, of which 13 were certified to be adulterated; the remaining adulterated samples were 1 of separated milk, 1 skimmed milk, and 1 coffee.

Proceedings were taken in 17 of these cases, in two other cases proceedings were not taken because of certain technical difficulties with respect to the service of the summons upon the proper person.

These proceedings resulted in fines and costs being imposed in 8 cases, in 2 cases warranties were established to the satisfaction of the Court. The remaining 2 summonses were not served, as the defendant had gone away and left no proper address, and 5 cases were dismissed.

Defendants in each of these latter cases producing expert evidence to rebut the presumption raised under the Board of Agriculture's milk regulations, that the milk, although in each case below the standard therein specified, yet was delivered as it was produced by the cow. The evidence tendered in this way was of a very general character, however, showing that at this season of the year, and particularly in this neighbourhood on the boundaries of Kent and Sussex, cows were not giving milk up to the standard set out in these regulations. These cases seem to show how difficult the position of the small milk retailer is, because if farmers are thus allowed to supply milk below the standard, and yet can get off when proceedings are taken against them, how can the retailer be able to supply milk up to the standard, and he seldom is able to produce a warranty from the wholesale firm, they, generally speaking, being very loth to take this responsibility.

A point has arisen during the year as to whether or no it is necessary under the Dairies, Cowsheds, and Milkshops Regulations, for a person who sells only separated milk to be registered under these regulations. As far as can be seen no such requirement is necessary, and, accordingly, premises may be used for this purpose which are entirely unsuitable; fortunately the number of enquiries and inspections that were made of the premises

concerned was sufficiently discouraging to the person, and he did not continue his operations in this Borough. In any future legislation on the subject of milk and milk products it would be advisable that attention should be drawn to this matter.

One of the warranties which was proved in one of the cases was of a somewhat peculiar character, having apparently been drawn up specially to provide for any possible prosecution under the Sale of Food and Drugs Acts, but to have no validity for any other purpose, being somewhat as follows:—

"The Purchaser hereby agrees to buy and the Vendor agrees to sell from March, 1910, to April, 1911, *but without accepting any responsibility after delivery*, the whole of the supply of milk required in the Purchaser's business. The milk to be pure and unskimmed as from the cow, and free from preservatives."

Of the total number of samples, 27 were taken in course of, and at the place of delivery, by an Officer of this Council direct, of which number 7 were certified to be adulterated; 20 were bought by an Officer of the Council direct, 1 of which was adulterated; the remaining 353 samples were taken by agents employed by the Officers of this Council, and a small number of samples not included in the above were taken in an informal manner.

The following Statement showing the number of samples of all kinds of Food and Drugs, and the number of samples of Milk and Butter examined in 1909, by the Public Analyst of each Local Authority under the Sale of Food and Drugs Acts in London, is interesting :—

BOROUGH.	TOTAL.		MILK.		BUTTER.	
	Examined.	Adulterated.	Examined.	Adulterated.	Examined.	Adulterated.
Battersea	1,000	91	668	60	163	10
Bermondsey	1,219	96	776	54	307	39
Bethnal Green	657	39	429	33	114	3
Camberwell	847	64	462	25	190	19
Chelsea	398	18	175	10	163	3
Deptford	411	32	205	24	99	6
Finsbury	600	47	370	33	77	10
Fulham	993	79	388	26	345	27
Greenwich	400	19	181	15	129	2
Hackney	960	67	508	46	277	10
Hammersmith	601	49	237	19	205	21
Hampstead	506	20	328	9	72	7
Holborn	500	33	202	10	115	1
Islington	1,201	141	608	42	200	25
Kensington	700	50	253	14	160	2
Lambeth	1,800	88	741	64	634	18
Lewisham	492	14	240	12	123	...
London, City	1,191	36	520	25	457	5
Paddington	600	56	301	20	152	29
Poplar	369	23	171	17	102	6
St. Marylebone	758	42	405	24	152	9
St. Pancras	777	95	395	73	193	14
Shoreditch	570	92	297	50	137	13
Southwark	1,675	93	967	51	157	14
Stepney	1,203	140	869	117	233	18
Stoke Newington	165	9	76	7	27	1
Wandsworth	1,030	71	541	40	299	16
Westminster, City	1,741	204	922	86	248	12
Woolwich	552	19	348	13	68	2
TOTAL	23,916	1,827	12,583	1,019	5,628	342

**Sale of Food and Drugs Acts.—Number and
Description of Samples purchased for Analysis
under the above Acts during the Year 1910.**

Description of Samples.	Number of Samples Purchased.	Number Genuine.	Number Adulterated.	Remarks as to Action taken.
Butter	127	124	3	Police Court proceedings.
Camphorated Oil ...	1	1	...	
Castor Oil	2	2	...	
Cheese... ..	24	24	...	
Cocoa	5	5	...	
Coffee	30	29	1	Police Court proceedings.
Eucalyptus Oil ..	1	1	...	
Glycerine	1	1	...	
Lard	5	5	...	
Margarine	6	6	...	
Milk	189	176	13	Police Court proceedings were taken in 11 cases.
Mustard	3	3	...	
Pepper... ..	4	4	...	
Separated Milk ...	1	...	1	Police Court proceedings.
Skimmed Milk ...	1	...	1	Police Court proceedings.
Total	400	381	19	

**Sale of Food and Drugs Acts, 1910.—Legal Proceedings,
Particulars of Samples adulterated and result of
action taken.**

Description of Sample.	Nature of Adulteration	Result of Proceedings.
No.		
107—Skimmed Milk	Admixed with 15 per cent. added water	Summons not served ; adj. sine die ; gone away.
115—Milk	.. Deficient of 7 per cent. Milk Fat ..	Costs, 22s.
138—Butter	.. Containing 30 per cent. Margarine ..	Fined £2, Costs, 22s.
139—Milk	.. Admixed with 5·5 per cent. added water	Summons not served.
146 "	.. Deficient of 11 per cent. Milk Fat ..	Summons dismissed ; proved warranty.
170—Butter	.. Admixed with 85 per cent. Margarine	Fined £3, Costs, 19s. 6d.
175 "	.. " 10 " " "	.. £3, " 17s. 6d.
196—Milk	.. Deficient of 18 per cent. Milk Fat ..	.. £2, " 22s.
255 "	.. " 8 " " "	Proved warranty ; with- drawn on payment of Costs, 12s. 6d.
262 "	.. " 13 " " "	Fined 10s., Costs, 12s.
267 "	.. " 5 " " "	Dismissed.
272 "	.. " 5 " " "	"
273 "	.. " 7 " " "	"
274 "	.. " 7 " " "	"
276 "	.. " 12 " " "	"
309—Coffee	.. Admixed with 40 per cent. of Chicory	Fined £2 5s., Costs, 23s.
315—Milk	.. Admixed with 5 per cent. added water	.. £1, " 12s. 6d.
377 "	.. " " 8 " "	Summons not issued.
379 "	.. " " 15 " "	" "

Summary of Sanitary Work performed during the Year 1910.

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
INSPECTIONS.					
Houses Inspected ...	824	891	756	661	3132
Reinspections, Calls made, &c.	2631	2928	2534	2638	10731
Inspections of Bakehouses ...	25	62	28	80	195
„ Factories and Work-shops ...	76	67	43	150	336
„ Slaughterhouses ...	9	7	4	34	54
„ Cowhouses ...	2	5	3	3	13
„ Stables and Yards...	40	27	24	35	126
„ Piggeries ...	1	4	3	...	8
„ Courts and Alleys...	28	18	23	25	94
„ Fields, Lanes, &c....	26	17	15	8	66
„ Urinals ...	29	24	22	21	96
„ Gipsy Vans ...	...	...	...	...	...
„ Horse Slaughter-houses ...	8	9	2	...	19
„ Dairies, Cowsheds, and Milkshops ...	23	89	112	37	261
„ Soap Boilers ...	...	1	1	...	2
„ Other Offensive Trades ...	...	...	8	6	14
„ Ice Cream Places...	6	113	15	...	134
„ Other places where Food is prepared	19	115	9	13	156
„ Foreign Cattle Market	...	...	...	...	...
SMELLS.					
Greenwich Road Observations...	...	19	54	59	132
TOTAL ...	3747	4396	3656	3770	15569

SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
DRAINS.					
Constructed	10	6	1	28	45
Interceptor Chamber, and Fresh Air Inlet	14	15	7	20	56
Other Chambers... ..	7	2	...	1	10
Reconstructed or Repaired ...	79	50	44	51	224
Opened, Cleansed and Amended	73	70	72	59	274
Surface Drains Constructed ...	70	43	46	83	242
Traps Fixed	143	84	69	127	423
New Soil Pipes	19	21	16	17	73
Drains and Soil Pipes Ventilated	55	41	29	53	178
Drains Tested—by Smoke ...	19	22	21	19	81
” ” by Water	86	99	70	116	371
Found Defective	62	48	45	60	215
Yards Drained	36	26	16	64	142
Mews and Stables Drained ...	5	2	17	1	25
Washhouses Drained ... ..	...	...	1	...	1
Forecourts Drained	5	...	1	1	7
Areas Drained	13	10	9	21	53
Cesspools Abolished	1	...	...	...	1
Slaughterhouses drained ...	...	...	...	...	...
WATER CLOSETS AND URINALS.					
Closets Erected	5	7	2	11	25
Sanitary Conveniences or im- provements effected to Factories and Workshops ...	...	...	...	4	4
Pan, Traps and Water Supply furnished	45	37	38	40	160
Pans and Traps only furnished	47	64	49	72	232
Pans only furnished	13	7	6	9	35
Water Supply Apparatus pro- vided	10	7	5	8	30
Water Supply renewed... ..	41	29	36	31	137
Water Supply disconnected from Drinking Water Cistern	10	4	1	9	24
Soil Pans properly Trapped ...	21	28	22	23	94
Cleansed and Repaired... ..	44	29	36	11	120
Newly constructed or better situated ... ..	...	6	4	5	15
Ventilation Improved	5	15	5	10	35
Public-house Urinals Cleansed or Repaired	22	17	15	14	68

SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
WATER CLOSETS & URINALS—<i>contd</i>					
Other Urinals Altered ... ..	...	...	...	1	1
Repaired or Water laid on ...	1	...	...	...	1
Urinals Erected	1	...	...	...	1
ASHPITS.					
Provided	83	94	100	70	347
Covers to Receptacles	1	...	...	...	1
Dust Complaints forwarded to the Surveyor	1	3	1	1	6
PAVINGS.					
Yards	88	96	61	90	335
Forecourts	5	12	3	11	31
Areas	13	10	9	17	49
Washhouses	3	3	2	7	15
Mews and Stables	7	3	1	2	13
Slaughterhouses... ..	...	...	...	...	...
GENERAL WATER SUPPLY.					
Covers to Cisterns Adapted ...	8	8	8	4	28
Water Supply Provided	1	...	...	...	1
Water Fittings Amended	20	16	28	25	89
Cisterns Cleansed and Repaired	7	...	...	...	7
Water Services Altered so as to draw direct from main ..	18	6	25	9	58
Water cut off empty premises...	...	3	...	...	3
Water Supplies Reinstated where cut off through defective fittings	9	3	9	2	23
Defective Water Fittings (caus- ing nuisance from dampness) repaired	31	18	25	30	104
Water Supply Certificates gran- ted (Section 48)	15	13	35	21	84
OTHER IMPROVEMENTS.					
Houses Generally Repaired ...	99	153	82	123	457
Premises Cleansed, Limewashed and Repaired	60	143	54	85	342
Ventilation Improved	1	4	11	13	29
Leaky House Roofs and Gutters Repaired	109	93	92	112	406
Walls and Ceilings of Premises Cleansed throughout... ..	40	44	60	58	202
Ditto, ditto, partially	56	88	53	59	256
Cowhouses cleansed	3	3	4	2	12
Horse Slaughterhouses cleansed	1	1	1	...	3
Ice Cream Places cleansed or improved	2	23	11	...	36
Other Places where Food is prepared	8	41	8	6	63

SUMMARY OF SANITARY WORK—continued.

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
OTHER NUISANCES ABATED.					
Illegal use of Underground Room Discontinued	2	1	...	...	3
Overcrowdings Abated	14	9	5	6	34
Sink, Lavatory and Bath Waste Pipes Disconnected, Trapped and Amended	55	57	41	84	237
Stack Pipes Disconnected and Amended	33	8	25	41	107
Nuisances from Dampness Abated	34	23	26	40	123
Animals kept in Unfit Places Discontinued or Removed ...	1	2	2	2	7
Dung Receptacles Provided ...	2	2	1	2	7
Bakehouse Nuisances Abated ...	1	23	...	14	38
Houses Abolished, unfit for Habitation ... ..	...	1	1	...	2
Accumulations of Manure and other obnoxious matter Re- moved	10	12	3	15	40
Dampness of Walls Remedied...	25	17	18	37	97
Inundations Abated ... ..	...	...	...	...	...
Other Nuisances, principally of Dilapidations and want of Under-floor Ventilation ...	2	...	5	6	13
Breaches of By-laws Abated ...	2	...	...	...	2
SMOKE NUISANCES.					
Observations	73	65	57	72	267
Statutory Notices served (Secs. 23 and 24)	4	4	3	4	15
Summonses applied for & issued	1	...	...	...	1
FOOD AND DRUGS.					
Samples taken	101	129	92	78	400
Found Adulterated ... ..	...	8	9	2	19
Summonses applied for and issued ... ..	...	8	9	...	17
UNWHOLESOME FOOD.					
Seizures made ... ..	...	...	...	...	...

SUMMARY OF SANITARY WORK—*continued.*

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total.
<i>UNWHOLESOME FOOD—continued.</i>					
	1 kit of skate.	1 box of magnums.	1 trunk whiting.	box of cod.	
	1 trunk of haddock	36 lbs. of cod	14 sheep's lungs.	kit of mackerel	
	2 bushels of apples.	and hake.		box of hadd'cks	
	20 sheep's lungs.	15 sheep's lungs.		$\frac{1}{2}$ bushel of apples	
	37 $\frac{1}{2}$ qrtrs. of damaged oats.	13 hadd'cks		12 lbs. apples.	
Voluntarily surrendered ...	trunk of mackerel			12 lbs. pears.	
				box of kippers.	
				1 cystic sheep's lung.	
				1 ox lung (parasitic).	
				422 sheep's lungs (parasitic).	
				2 boxes kippers.	
				1 trunk of cod.	
<i>NOTICES, &c.</i>					
Intimations Served under Public Health (London) Act, 1891 (Section 3) ...	359	415	323	400	1497
Complaints Received ...	76	98	66	82	322
Complaints Attended to ...	76	98	66	82	322
Statutory Notices Served under Section 4 ...	75	133	33	90	331
Statutory Notices <i>re</i> Ashpit provision ...	23	34	11	20	88
Letters Written relating to Abatement of Nuisances ...	94	102	95	93	384
Summonses Applied for and Issued ...	3	...	1	...	4
Magisterial Orders Obtained and Enforced ...	2	...	1	...	3
Drainage Plans received and examined ...	26	28	34	29	117

BOROUGH OF GREENWICH.

Proceedings during 1910.

PREMISES.	Number of Places—				Number of Inspections, 1910.	Number of Notices, 1910.	Number of Prosecutions, 1910.
	On Register at end of 1909.	Added in 1910.	Re-moved in 1910.	On Register at end of 1910.			
Milk premises ...	206	11	35	182	261	22	...
Cowsheds ...	4	...	...	4	13	1	...
Slaughterhouses ...	5	...	...	5	54	3	...
Other Offensive Trade Premises ...	63	...	...	63	14	1	...
Ice Cream Premises	118	15	7	126	134	11	...
Registered Houses Let in Lodgings ...	68	27	...	95	(a)* 33 (b)* 40	(a)* 33 (b)* 40	(a)* ... (b)* ...

*(a) For Overcrowding.

*(b) For other conditions.

Total number of Intimation Notices served for all purposes ... 1,497

Overcrowding, 1910—

Number of Dwelling-rooms Overcrowded ... 34
 Number Remedied ... 34
 Number of Prosecutions... ...

Underground Rooms—

Illegal Occupation dealt with during year ... 3
 Number of Rooms Closed ... 3

Insanitary Houses—

Number Closed under the Public Health (London) Act, 1891 ... }
 Number Closed under the Housing of the Working Classes Act ... } 2

Number of Verminous Premises Cleansed under sec. 20 of the L.C.C. (General Powers) Act, 1904 ... 5

Number of Persons Cleansed under Cleansing of Persons Act... ... 0

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

Number of persons accommodated during the year	0
Number of Tenement Houses provided with Additional Water Supply	3
Number of Prosecutions ditto	0

Inland Revenue Acts—

Number of Houses for which applications were received during year	16
Number of Tenements comprised therein ...	32
Number of Tenements for which Certificates were granted	0

Number of Prosecutions under By-laws under Public Health Act, 1891—

(a) For prevention of nuisance arising from snow, ice, salt, filth, &c. ... ..	...
(b) For prevention of nuisance arising from offensive matter running out of any manufactory, &c. ... ..	...
(c) For the prevention of keeping of animals in such a manner as to be injurious to health ...	...
(d) As to paving of yards, &c., of dwelling houses ...	...
(e) In connection with the removal of offensive matter, &c.	1
(f) As to cesspools and privies, removal and disposal of refuse, &c. ... ..	...
(g) For securing the cleanliness of tanks, cisterns, &c. ... ..	...
(h) With respect to water closets, earth closets, &c. ...	...
(i) With respect to sufficiency of water supply to water closets ... ..	...
(j) With respect to drainage, &c. (Metropolis Management Act, sec. 202)	1
(k) With respect to deposit of plans as to drainage, &c. (Metropolis Management Acts Amendment (By-laws) Act, 1899)... ..	...

Mortuaries—

Total Number of Bodies Removed	121
Total Number of Infectious Bodies Removed...	...

LEGAL PROCEEDINGS, 1910.

It is a matter for satisfaction that, apart from the proceedings under the Sale of Food and Drugs Acts, only four other summonses were needed, one being for smoke nuisance ; one for sanitary defects, which was withdrawn on payment of costs ; one for carrying trade refuse in prohibited hours ; and one for recovery of expense incurred in relaying portion of combined drain in owner's default.



METROPOLITAN BOROUGH OF GREENWICH.

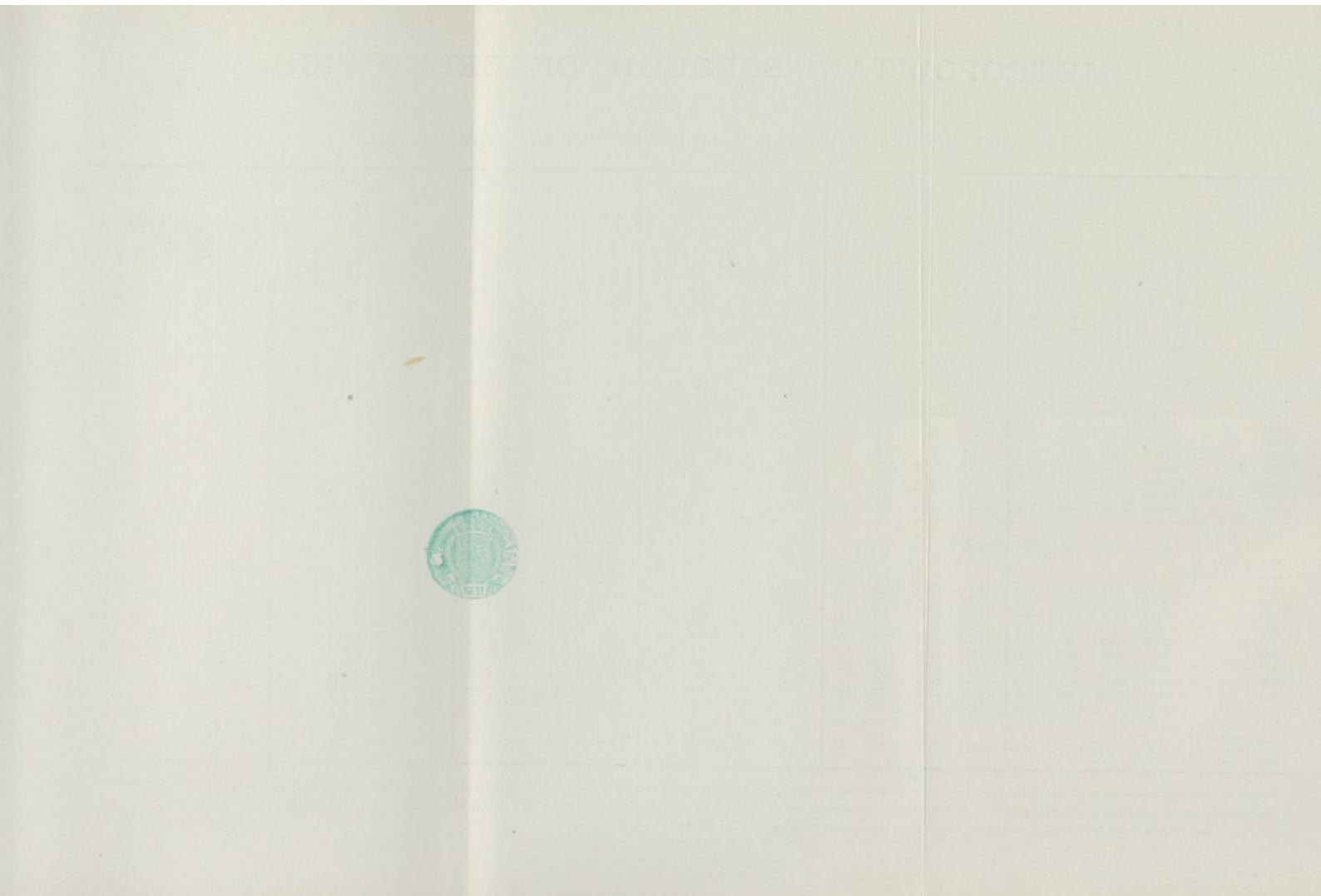
Vital Statistics of separate Localities in 1910 and previous years.

NAMES OF LOCALITIES.	1. TOTALS.				2. EAST GREENWICH.				3. WEST GREENWICH.				4. ST. NICHOLAS.				5. CHARLTON.				6. KIDBROOKE.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.
1891	64072	2081	1685	257	32106		504		22007		407		6828	247	164									
1892	66414	1997	1573	258	32106		464		22007		365		8108	234	126									
1893	67035	2088	1733	290	32106		510		22007		465		7078	268	147									
1894	68283	2012	1487	229	32106		432		22007		284		7078	259	177									
1895	70439	2032	1683	266	32106		448		22007		341		7960	245	186									
1896	68501	2163	1695	283	32106		447		22007		333		7722	303	217									
1897	69643	2153	1621	293	32106		404		22007		331		7946	268	199									
1898	70564	2159	1813	372	32106		505		22007		362		8122	252	192									
1899	71590	2239	1791	327	32106		523		22007		313		8394	288	194									
1900	75698	2146	1754	361	40266		578		23455		329		8394	251	153	58	16679	446	232	77				
Averages of Years 1891 to 1900.	69224	2107	1683	294	32922		481		22152		353		7763	261	175	58								
1901	96188	2775	1468	362	44090	1347	671	190	23581	635	398	71	7295	251	166	45	18131	520	222	55	3061	22	11	1
1902	98013	2802	1522	387	44687	1368	639	166	23899	660	420	89	7383	264	177	58	18838	493	266	73	3206	17	20	1
1903	99824	2702	1317	345	45525	1297	616	172	24350	650	363	83	7520	272	124	39	19196	469	201	51	3233	14	13	0
1904	101651	2629	1450	373	46552	1367	681	181	24896	618	394	88	7771	224	139	44	19167	398	221	57	3265	22	15	3
1905	103493	2678	1370	318	47396	1311	597	156	25347	638	364	73	7912	270	154	44	19514	441	241	45	3324	18	14	0
1906	105350	2652	1405	320	48247	1293	613	147	25802	605	375	68	8053	256	161	53	19864	477	237	51	3384	21	19	1
1907	107222	2513	1341	259	49105	1222	611	118	26260	600	389	65	8196	257	139	32	20216	412	190	42	3445	22	12	2
1908	109110	2590	1377	310	49970	1273	610	141	26722	632	363	70	8340	254	140	33	20572	415	259	64	3506	16	14	2
1909	111014	2455	1354	251	50842	1155	603	115	27188	660	364	64	8486	241	147	31	20931	382	225	40	3567	17	17	1
1910	112935	2410	1289	261	51721	1136	577	123	27659	618	378	75	8633	252	124	31	21293	388	193	31	3629	16	17	1
Averages of Years 1901 to 1910.	104480	2621	1389	319	47814	1277	622	151	25570	632	381	75	7959	254	147	41	19772	440	224	51	3366	19	15	1.2

Deaths of residents occurring in public institutions beyond the district are included in sub-columns *c* of this table, and those of non-residents registered in public institutions in the district excluded.

Deaths of residents occurring in public institutions, whether within or without the district, are allotted to the respective localities according to the addresses of the deceased.

All Particulars for the years 1891-1900 inclusive, are taken from the several reports for those years.



I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions—the deaths in which have been distributed among the several localities in the District.
Miller Hospital	Banstead Asylum	II.—continued.
Seamen's Hospital	Bromley Hill (The Hydro)	
Greenwich Union Workhouse and Infirmary	Brompton Hospital	Other places at which Greenwich Residents have died, whose deaths have been included and distributed among the respective localities in the District.
Herbert Hospital	Cane Hill Asylum	
M.A.B. Brook Hospital	Caterham Asylum	
Cottage Hospital, Kidbrooke	Charing Cross Hospital	
Kidbrooke House Nursing Home	Chelsea Hospital for Women	
Manna Mead, The Grove	Children's Infirmary, Carshalton	
	City of London Asylum	
	Cottage Hospital	
	Dartford Heath Asylum	
	East London Hospital	
	Evelina Hospital	20, Blessington Road, Lee
	Grove Park Workhouse	
	Gray's Hospital	
	Hanwell Asylum	
	Horton Asylum	
	Hostel of God, Clapham	
	Italian Hospital	
	Leavesden Asylum	
	Lewisham Infirmary	
	Long Grove Asylum	
	Manor Asylum	7, Colosseum Terrace, St. Pancras
	Middlesex Hospital	
	Mount Vernon Hospital,	
	Hampstead	
	Plumstead Infirmary	
	Royal Arsenal Hospital	
	" Free Hospital	
	" Hospital,	
	Waterloo Road	
	Shoreditch Infirmary	12, Beaumont Street, Marylebone
	South-Eastern Hospital	
	St. John's Hospital, Lee	
	St. Mark's Hospital, City Road	
	St. Peter's Hospital	
	St. Peter's House, Kennington	
	St. Thomas's Hospital	
	Tooting Bee Asylum	
	University College Hospital	
	West London Hospital	49, Beaumont Street, Marylebone
	Woolwich Infirmary	

METROPOLITAN BOROUGH OF GREENWICH.

Vital Statistics of Whole District during 1910 and Previous Years.

Greenwich, Fish only, from Annual Reports for respective years.	YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITU- TIONS IN THE DISTRICT.	Deaths of Non- residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONG- ING TO THE DISTRICT.			
			Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*	Number.	Rate.*
					Number.	Rate per 1,000 Births registered.	Number.	Rate.*							
1	2	3	4	5	6	7	8	9	10	11	12	13			
	1891 ...	57344	1834	32.0	257		1521	26.5	609						
	1892 ...	58306	1763	30.2	258		1447	24.8	626						
	1893 ...	59957	1820	30.3	290		1586	26.4	611						
	1894 ...	61205	1753	28.6	229		1310	21.4	594						
	1895 ...	62479	1787	28.6	266		1497	23.9	708						
	1896 ...	60779	1860	30.6	283		1478	24.3	698						
	1897 ...	61697	1885	30.5	293		1422	23.0	687						
	1898 ...	62442	1907	30.5	372		1621	25.9	651						
	1899 ...	63196	1951	30.8	327		1597	25.2	661						
	1900 ...	67304	1927	28.6	308		1623	24.1	617						
	Averages for years 1891-1900	61470	1848.7	30.07	288		1510	24.55	646						
	Whole Borough.														
	1901 ...	96188	2775	28.94	389	140	1898	19.80	786	532	102	1408	15.31		
	1902 ...	98013	2802	28.13	420	149	2138	21.81	876	616	148	1522	15.28		
	1903 ...	99824	2702	27.15	372	137	1741	17.49	778	550	126	1317	13.23		
	1904 ...	101651	2629	25.95	404	154	1945	19.20	864	594	99	1450	14.31		
	1905 ...	103403	2678	25.95	349	130	1807	17.51	835	551	114	1370	13.27		
	1906 ...	105350	2652	25.25	332	125	1821	17.34	853	553	137	1405	13.38		
	1907 ...	107222	2513	23.52	291	116	1803	16.93	880	591	129	1341	12.55		
	1908 ...	109110	2590	23.86	349	135	1819	16.41	884	575	133	1377	12.42		
	1909 ...	111014	2455	22.19	293	119	1715	15.50	818	512	151	1354	12.24		
	1910 ...	112935	2410	21.41	261	108	1716	15.14	831	555	128	1289	11.45		

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

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

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

The "Public institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made is given.

Area of District in acres }
(exclusive of area }
covered by water). } 3,849 acres.

Total population at all ages... 35,770 } At Census
Number of inhabited houses... 14,240 } of
Average number of persons per house 67 } 1901

BOROUGH OF GREENWICH.

Return of Births and Deaths registered during the 13 weeks ending 2nd April, 1910.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year, 1910.	Births Registered during the 12 weeks ended 2nd April, 1910.		Deaths Registered during the 12 weeks ended 2nd April, 1910.		AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.										RATE OF MORTALITY PER 1,000.												
			M.	F.	M.	F.	Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Diarrhoea.	Phthisis.	All other forms of Tubercular disease.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.					
															Typhoid.	Puerperal.	During the year previous.								During the 12 weeks ended 2nd April, 1910.	During the year previous.	During the 12 weeks ended 2nd April, 1910.					
GREENWICH EAST	43859	51721	132	164	77	89	40	26	45	...	8	...	...	17	...	...	1	15	12	31	12	13	67	15.63	12.48	1.82	2.02					
Do. WEST	23456	27659	72	75	59	73	22	31	34	...	5	1	4	15	...	...	9	...	24	11	6	57	17.86	19.15	0.59	3.63						
ST. NICHOLAS, DEPTFORD	7321	8633	27	36	17	21	10	12	5	...	1	...	...	10	...	...	2	...	9	2	4	10	22.23	17.07	2.84	5.11						
CHARLTON	18065	21293	60	45	33	29	9	5	18	...	...	...	...	1	...	12	9	3	13	5	3	26	15.15	11.69	0.96	0.57						
KIDBROOKE	3069	3629	2	0	2	3	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	3	6.75	5.53	0.00	0.00						
MILLER HOSPITAL—																																
Residents					2	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...
Non-Residents					8	1	3	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...
SEAMEN'S HOSPITAL—																																
Residents					5	1	2	1	...	...	...	...	...	...	...	...	...	...	1	2	...	2	...	...	...	...	...
Non-Residents					23	1	1	...	...	...	...	...	...	...	...	...	...	...	2	2	2	5	10	...	...	...	...	
GREENWICH UNION—																																
Workhouse and Infirmary																																
Residents					62	2	7	31	...	...	...	...	...	2	...	...	4	1	9	4	3	37	...	...	...	...	...
Non-Residents					117	6	9	44	...	...	...	...	...	3	...	...	15	5	18	5	8	59	...	...	...	...	...
HERBERT HOSPITAL—																																
Residents					1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Non-Residents					4	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	2	...	...	...	...	...
M.A.B. BROOK HOSPITAL—																																
Residents					3	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Non-Residents					17	1	10	...	...	...	...	...	...	7	8	...	...	...	1	...	...	1	...	...	...	...	...
COTTAGE HOSPITAL, KIDBROOKE																																
Residents					3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...
Non-Residents					2	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...
KIDBROOKE HOUSE NURSING HOME—																																
Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MANNA MEAD, 17, The Grove																																
Residents					1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Non-Residents					1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
ROYAL HOSPITAL SCHOOL—																																
Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OUTSIDE INSTITUTIONS—																																
Residents					34	2	3	5	...	...	...	...	...	1	...	...	...	...	1	6	1	2	4	5	14	...	...	...	
BOROUGH	95770	112935	293 613	320 403	188 215	81	74	103	...	...	...	...	...	14	1	4	42	1	...	3	35	5	79	30	26	163	...	...	...	...	...
Rate per 1,000 of Estimated Population			21.79	14.32	...	...	...	...	...	...	...	...	...	0.50	0.04	0.14	1.49	0.04	...	0.11	1.24	0.18	2.81	1.07	0.92	5.79	16.30	14.32	1.37	2.31		
Deaths of Children under one year per 1,000 births										132										Death Rate of 76 large English Towns ... 14.8; of the County of London ... 14.3												
" "																																

BOROUGH OF GREENWICH.

Return of Births and Deaths registered during the 13 weeks ending 2nd July, 1910.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year, 1910.	Births Registered during the 13 weeks ended 2nd July, 1910.				Deaths registered during the 13 weeks ended 2nd July, 1910.				AGE MORTALITY.										SEVEN ZYMOTIC DISEASES.										RATE OF MORTALITY PER 1,000.									
			M.	F.	M.	F.	Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Diarrhoea.	Phthisis.	All other forms of Tuberculosis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.		During the corresponding period 1 year previous.	During the 13 weeks ended 2nd July, 1910.	During the corresponding period 1 year previous.	During the 13 weeks ended 2nd July, 1910.								
															Typhoid.	Puerperal.	Typhoid.								During the corresponding period 1 year previous.	During the 13 weeks ended 2nd July, 1910.	During the corresponding period 1 year previous.	During the 13 weeks ended 2nd July, 1910.												
GREENWICH EAST	43859	51721	146	154	64	89	27	24	33	...	18	1	2	7	14	6	20	13	12	60	8.68	11.87	0.55	2.17		
Do. WEST	23456	27659	93	81	50	52	29	12	33	...	7	...	1	2	1	5	3	14	7	6	56	10.33	14.80	0.15	1.60		
ST. NICHOLAS, DEPTFORD	7321	8633	31	32	13	7	4	3	4	...	3	1	2	...	2	2	...	10	15.14	9.30	0.47	1.86		
CHARLTON	18065	21293	54	46	19	34	8	6	20	...	1	3	1	8	5	8	27	10.16	9.99	0.77	0.19		
KIDBROOKE	3069	3629	2	2	2	2	...	1	1	1	1	...	2	4.50	4.42	0.00	1.11		
MILLER HOSPITAL—					5	3	...	1	1	4		
Residents					5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SEAMEN'S HOSPITAL—					8	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	3	3	...	...	...	...	...	...	...	...	...	...	...	...
Residents					27	1	...	1	...	...	...	...	...	...	...	...	...	...	...	7	...	5	...	2	13	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GREENWICH UNION—					42	2	1	9	...	...	...	...	...	1	...	...	...	...	7	2	4	5	1	22	...	...	...	...	...	...	...	...	...	...	...	...	...
Workhouse and Infirmary					78	5	5	27	...	1	...	...	...	...	1	...	...	...	7	4	10	4	6	45	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
HERRBERT HOSPITAL—					1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents					4	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M.A.B. BROOK HOSPITAL—					5	...	2	...	...	...	...	1	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents					11	1	5	...	...	...	1	2	5	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
COTTAGE HOSPITAL, KIDBROOKE					4	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KIDBROOKE HOUSE NURSING HOME—					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents					1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MANNA MEAD, 17, The Grove					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents					1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ROYAL HOSPITAL SCHOOL—					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OUTSIDE INSTITUTIONS—					33	1	4	9	...	1	...	...	...	...	...	...	...	...	4	3	4	4	1	16	...	...	...	...	...	...	...	...	...	...	...	...	...
Residents ... ..					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
BOROUGH	95770	112935	326	315	148	184	68	46	91	...	29	1	3	11	1	...	...	...	24	11	44	29	26	153	...	...	...	...	...	...	...	...	...	...	...	...	...
Rate per 1,000 of Estimated Population			22.78	11.80	...	...	...	...	...	...	1.03	0.04	0.11	0.39	0.04	...	...	...	0.85	0.39	1.56	1.03	0.92	5.44	9.72	11.80	0.47	1.60	...	...	...	...	...	...	...	...	...

Deaths of Children under one year per 1,000 births 106
 " " " { previous period } 69
 " " " { County of London } 88

Death Rate of 77 large English Towns ... 12.6: of the County of London ... 11.6
 Death Rate (Zymotic) " 1.14 " " 1.08
 Birth Rate " 26.1 " " 24.9



BOROUGH OF GREENWICH.

Return of Births and Deaths registered during the 13 weeks ending 1st October, 1910.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year, 1910.	AGE MORTALITY.				SEVEN ZYMOTIC DISEASES.										RATE OF MORTALITY PER 1,000.													
Deaths registered during the 13 weeks ended 1st October, 1910.				Persons aged 65 years and upwards.				Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Diarrhoea.	Phthisis.	All other forms of Tuberc. colons.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Cancer.	All other Diseases.	All Causes.							
M.	F.	M.	Under 1 year.	Over 1 and under 5 years.	Typhoid.	Others.	During the corresponding period year previous.						During the 13 weeks ended 1st October, 1910.	During the corresponding period year previous.	During the 13 weeks ended 1st October, 1910.															
GREENWICH EAST ...	43859	51721	127	116	66	43	23	12	27	...	1	...	1	...	1	...	1	1	12	14	...	12	10	8	49	10.66	8.46	0.95	1.24	
Do. WEST ...	23456	27659	84	82	25	29	7	7	16	...	1	...	...	2	...	...	...	4	6	12	5	6	4	24	11.22	7.84	1.03	1.01	
ST. NICHOLAS, DEPTFORD ...	7321	8633	27	25	20	9	7	8	7	...	1	...	...	...	...	...	...	4	3	1	3	12	...	15	17.03	13.48	3.31	2.32	
CHARLTON ...	18065	21293	54	33	22	11	4	3	11	...	...	...	...	1	...	...	...	12	12	5	5	2	16	8.05	6.22	1.73	0.19		
KIDBROOKE ...	3069	3629	1	3	...	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1.13	2.21	0.00	0.00	
MILLER HOSPITAL—																														
Residents ...					3	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	...	...
Non-Residents ...					9	3	3	...	...	...	...	...	...	...	...	...	3	...	1	1	...	1	3	...	...	...	...	...	...
SEAMEN'S HOSPITAL—																														
Residents ...					10	...	3	1	...	...	...	...	...	...	...	1	...	...	...	1	1	...	7	...	...	...	...	...	...
Non-Residents ...					28	1	...	...	...	...	...	...	...	...	...	...	4	3	1	5	5	10	...	...	...	...	...	...	...
GREENWICH UNION—																														
Workhouse and Infirmary																														
Residents ...					34	2	2	12	...	...	...	...	...	...	...	...	8	1	4	2	3	16	...	...	...	...	...	...	...
Non-Residents ...					72	6	27	27	...	...	...	...	...	...	...	1	...	12	1	3	9	4	42	...	...	...	...	...	...
HERBERT HOSPITAL—																														
Residents
Non-Residents ...					4	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	1	...	...	...	...	...	...	...	...
M.A.B. BROOK HOSPITAL—																														
Residents ...					1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ...					10	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
COTTAGE HOSPITAL, KIDBROOKE																														
Residents ...					3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...
Non-Residents ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KIDBROOKE HOUSE NURSING HOME—																														
Residents ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ...					3	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...
MANNA MEAD, 17, The Grove																														
Residents ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ROYAL HOSPITAL SCHOOL—																														
Residents ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OUTSIDE INSTITUTIONS—																														
Residents ...					27	5	4	6	...	...	...	...	...	1	...	...	1	3	...	5	4	2	11	...	...	...	...	...	...
BOROUGH ...	95770	112935	293	259	133	94	41	30	63	...	3	...	1	3	1	1	20	25	5	25	23	15	105	...	...	...	...	...	...
Rate per 1,000 of Estimated Population	...	...	19.62	8.07	...	...	...	...	...	0.11	...	0.04	0.11	0.04	0.04	0.71	0.89	0.18	0.89	0.82	0.53	3.73	10.48	8.07	1.27	1.62	...	...	...

Deaths of Children under one year per 1,000 births

74
(previous corresponding period)
106
County of London 91

Death Rate of 77 large English Towns

11.6; of the County of London 10.3

Death Rate (Zymotic)

1.54 " " 1.13

Birth Rate

24.7 " " 23.4

BOROUGH OF GREENWICH.

Return of Births and Deaths registered during the 13 weeks ending 31st December, 1910.

DISTRICTS.			Census Population, 1901.	Estimated Population at the middle of the year, 1910.	Births Registered during the 13 weeks ending 31st December, 1910.		Deaths registered during the 13 weeks ending 31st December, 1910.		AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.							RATE OF MORTALITY PER 1,000.											
									Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Diarrhoea.	Phthisis.	All other forms of Tuberculosis.	Bronchitis, Pneumonia and Pleurisy.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotic.	
																	Typhoid.	Others.	During the corresponding period year previous.								During the 13 weeks ended 31st December, 1910.	During the corresponding period year previous.	During the 13 weeks ended 31st December, 1910.	
GREENWICH EAST	43859	51721	151	146	74	75	33	8	51				1				4	11	3	31	14	4	81	12.63	11.66	0.79	0.39			
Do. WEST	23456	27659	66	65	40	50	17	5	31								3	6		16	15	7	44	14.32	13.06	1.18	0.43			
ST. NICHOLAS, DEPTFORD	7321	8633	35	39	19	18	10	5	7			1					3	3	1	7	5	1	16	15.14	17.20	1.42	1.86			
CHARLTON	18065	21293	48	48	23	22	10	2	14								2	5	3	10	6	1	18	9.40	8.48	0.58	0.38			
KIDBROOKE	3069	3629	6		3	3	1	1	2		1		1							2	1		1	6.75	6.64	0.00	2.21			
MILLER HOSPITAL—																														
Residents					5	1											1			1			3							
Non-Residents					6																1	2	3							
SEAMEN'S HOSPITAL—																														
Residents					5		1	3													1		4							
Non-Residents					18			1									3			2	2	1	10							
GREENWICH UNION—																														
Workhouse and Infirmary																														
Residents					68	7	2	28											8	1	5	4	2	48						
Non-Residents					92	13	9	27										19	3	18	6	2	44							
HERRERT HOSPITAL—																														
Residents																														
Non-Residents					2															1			1							
M.A.B. BROOK HOSPITAL—																														
Residents					2		1					1	1																	
Non-Residents					10	1	3					6	2			1		1												
COTTAGE HOSPITAL, KIDBROOKE																														
Residents					2																		2							
Non-Residents					1																									
KIDBROOKE HOUSE NURSING HOME—																														
Residents																														
Non-Residents					1																		1							
MANNA MEAD, 17, The Grove																				1										
Residents					1																									
Non-Residents																														
ROYAL HOSPITAL SCHOOL—																														
Residents																														
Non-Residents																														
OUTSIDE INSTITUTIONS—																														
Residents					34	4		5				1					1	2	1	9	4	3	13							
BOROUGH	95770	112935	306	298	159	168	71		105		1	1	2				12	24	7	66	41	13	160							
Rate per 1,000 of Estimated Population			21.47	11.62							0.04	0.04	0.07				0.43	0.85	0.25	2.35	1.46	0.40	5.69	12.44	11.62	0.87	0.57			

Deaths of Children under one year per 1,000 births

" " " (prev
" " " Cour

... 117
8 corresponding }
period } 124
of London ... 128

Death Rate of 77 large English Towns ... 14.6 : of the County of London ... 14.7
Death Rate (Zymotic) " ... 1.29 " " ... 1.37
Birth Rate " ... 23.6 " " ... 22.9



BOROUGH OF GREENWICH.

Return of Births and Deaths registered during the 52 weeks ending 31st December, 1910.

DISTRICTS.	Census Population, 1901.	Estimated Population at the middle of the year, 1910.	Births Registered during the 52 weeks ended 31st December, 1910.		Deaths registered during the 52 weeks ended 31st December, 1910.		AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.													RATE OF MORTALITY PER 1,000.										
			M.	F.	M.	F.	Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEVERS.			Typhoid.	Others.	Diarrhoea.	Phthisis.	All other forms of Tuberculosis.	Bronchitis, Pneumonia and Febrile.	Heart Disease.	Cancer.	All other Diseases.	All Causes.		Seven Zymotics.				
															During the corresponding period year previous.	During the 52 weeks ended 31st December, 1910.	During the corresponding period year previous.										During the 52 weeks ended 31st December, 1910.						
GREENWICH EAST ...	43859	51721	556	580	281	296	123	70	156	...	27	1	4	24	1	1	17	54	11	94	49	37	257	11.90	11.19	1.03	1.46	...	...	...	...	...
Do. WEST ...	23456	27659	315	303	174	204	75	55	114	...	13	1	5	19	1	...	7	25	5	59	39	23	181	13.43	13.71	0.74	1.67	...	...	...	...	...
ST. NICHOLAS, DEPTFORD ...	7321	8633	120	132	69	55	31	28	23	...	5	1	...	11	...	...	7	10	2	21	11	5	51	17.38	14.46	2.01	2.80	...	...	...	...	...
CHARLTON ...	18065	21293	216	172	97	96	31	16	63	...	1	...	...	1	1	...	4	19	9	36	21	14	87	10.69	9.09	1.01	0.33	...	...	...	...	...
KIDBROOKE ...	3069	3629	11	5	7	10	1	2	6	...	1	...	1	1	...	...	...	1	4	3	1	5	4.78	4.70	0.00	0.83	...	...	...	...	...
MILLER HOSPITAL—	
Residents	15	6	...	...	2	...	...	...	...	...	...	...	...	...	1	2	...	...	10	...	...	...	...	...	...	...	...	...
Non-Residents	28	5	...	...	6	...	...	...	...	...	...	...	...	...	1	2	...	...	16	...	...	...	...	...	...	...	...	...
SEAMEN'S HOSPITAL—	
Residents	28	1	...	...	6	...	...	...	...	...	...	...	...	...	2	3	...	...	16	...	...	...	...	...	...	...	...	...
Non-Residents	96	3	...	...	3	...	...	...	...	...	...	...	...	...	3	10	...	...	43	...	...	...	...	...	...	...	...	...
GREENWICH UNION—	
Workhouse and Infirmary	
Residents	206	13	...	...	12	...	...	...	...	...	...	...	...	...	5	22	...	...	123	...	...	...	...	...	...	...	...	...
Non-Residents	359	30	...	...	23	...	...	...	...	...	...	...	...	...	13	49	...	...	190	...	...	...	...	...	...	...	...	...
HERBERT HOSPITAL—	
Residents	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
M.A.B. BROOK HOSPITAL—
Residents	11	...	...	...	4	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents	48	3	...	...	23	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
COTTAGE HOSPITAL, KIDBROOKE
Residents	12	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents	3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KIDBROOKE HOUSE NURSING HOME—
Residents
Non-Residents	5	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MANNA MEAD, 17, The Grove
Residents	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Non-Residents	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ROYAL HOSPITAL SCHOOL—
Residents
Non-Residents
OUTSIDE INSTITUTIONS—
Residents	128	12	...	...	13	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
BOROUGH ...	95770	112935	1218	1192	628	661	261	171	362	...	47	3	10	56	3	1	35	108	28	214	123	80	581	...	...	...	...	...	...	...	...	...
Rate per 1,000 of Estimated Population	21.41	11.45	...	...	...	...	...	...	...	0.42	0.03	0.09	0.50	0.03	0.01	0.31	0.96	0.25	1.90	1.09	0.71	5.16	12.24	11.45	0.99	1.38	...	...	...	...

Deaths of Children under one year per 1,000 births ... 168
 " " " (previous corresponding period) ... 102
 " " " County of London ... 103

Death Rate of 77 large English Towns ... 13.4; of the County of London ... 12.7
 Death Rate (Zymotic) " ... 1.23 " " ... 1.14
 Birth Rate " ... 24.8 " " ... 23.6



BOROUGH OF GREENWICH.

SUMMARY.

Causes of, and Ages at, Death during the 13 weeks ending
2nd April, 1910.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).							DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS (RESIDENTS).												Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich Union, Workhouse and Infirmary.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Kidbrooke House Nursing Home.	Manna Mead, 17, The Grove.	Royal Hospital School.	Outside Institutions.			
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	14	1	12	1	...	...	...	8	5	1	...	...	2	...	...	...	...	...	...	...	...	...	...	6
Scarlet Fever...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	7
Whooping Cough ...	42	20	22	...	...	...	...	17	15	10	...	...	2	...	...	...	...	...	...	...	...	...	...	5
Diphtheria and Mem- branous Croup	4	...	2	2	...	...	...	...	4	...	...	...	...	...	...	...	2	...	...	...	...	...	...	10
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever {	Typhus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteric	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other continued	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	10	1	...	...	...	...	4	5	4	...	...	6	...	...	...	...	...	...	...	...	...	...	...	1
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	3	1	1	...	...	...	1	...	1	...	...	2	...	...	...	...	...	...	...	...	...	1	...	...
Enteritis ...	1	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	2	1	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases ...	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Phthisis ...	35	...	4	3	11	16	1	15	9	2	9	...	4	1	...	...	...	...	...	...	...	6	...	25
Other Tubercular Diseases	5	2	...	1	...	2	...	2	...	...	3	...	1	...	...	...	...	...	...	...	...	1	...	6
Cancer, Malignant Disease	26	...	...	...	...	18	8	13	6	4	3	...	3	...	...	...	...	...	...	...	...	5	...	18
Bronchitis ...	38	8	5	...	...	8	17	14	12	5	6	1	5	1	...	...	...	...	...	...	...	...	...	16
Pneumonia ...	41	12	14	1	1	10	3	17	12	4	7	1	4	1	...	...	1	...	...	...	...	2	...	19
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Other Diseases of Respiratory Organs }	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism ... } Cirrhosis of Liver ... }	2	...	...	...	...	2	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Venereal Diseases ...	3	...	1	...	...	1	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Premature Birth ...	7	7	...	...	...	...	...	3	3	...	1	...	...	...	1	...	...	...	...	...	...	...	...	2
Diseases and Accidents of Parturition ... }	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases ...	30	1	...	4	3	14	8	12	11	2	5	...	4	...	...	...	...	1	...	...	...	4	...	13
Accidents ...	6	1	...	...	1	1	3	4	1	1	...	...	2	...	...	...	...	...	...	...	...	1	...	8
Suicides ...	2	...	...	...	...	2	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Murder ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other causes ...	128	24	12	4	4	28	56	53	48	8	16	3	33	2	1	1	...	2	...	1	...	12	...	106	
All causes ...	403	81	74	16	20	109	103	166	132	38	62	5	62	5	2	1	3	3	...	1	...	34	...	249	



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BOROUGH OF GREENWICH

BOROUGH OF GREENWICH.

SUMMARY.

Causes of, and Ages at, Death during the 13 weeks ending
2nd July, 1910.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).							DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS (RESIDENTS).											Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich Union-Workhouse and Infirmary.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Kidbrooke House Nursing Home.	Manna Mead, 17, The Grove.	Royal Hospital School.	Outside Institutions.		
Small-pox ...																								
Measles ...	29	5	23	1				18	7	3	1											1	2	
Scarlet Fever...	1		1					1									1						3	
Whooping Cough ...	11	4	5	1	1			7	2	1		1	1										1	
Diphtheria and Mem- branous Croup	3		1	2				2	1								3						8	
Croup																								
Fever {	Typhus																							
	Enteric	1					1			1							1						2	
	Other continued																							
Epidemic Influenza	5						2	3	1	1	2													
Cholera																								
Plague																								
Diarrhoea																								
Enteritis	13	3							3				1										3	
Puerperal Fever	1						1			1														
Erysipelas	1						1			1														
Other Septic Diseases	4	1					2	1	3	1			2									1	2	
Phthisis	24		1	3	6	14		14	5	2	3		7	1								4	24	
Other Tubercular Diseases	11	2	3	2	1	3		6	3		1	1	2		1							3	7	
Cancer, Malignant Disease	26		1			11	14	12	6		8		1	3								1	12	
Bronchitis	15	6	1			3	5	9	2	1	3		1				1					1	7	
Pneumonia	27	7	4		1	9	6	10	12	1	4		3									3	13	
Pleurisy	2		1				1	1			1												1	
Other Diseases of Respiratory Organs }	2					1	1	1	1				1										2	
Alcoholism ... }	5					4	1	3	1		1											1	1	
Cirrhosis of Liver ... }																								
Venereal Diseases	2	1		1					1		1				1							1	1	
Premature Birth	15	15						8	6	1					1								1	
Diseases and Accidents of Parturition ... }	2					2		2																
Heart Diseases	29		1	2	1	14	11	13	7	2	5	2	5	1		1		1				4	12	
Accidents	5	1				3	1	2	3				1	1									6	
Suicides	1					1		1					1											
Murder																								
All other causes	107	23	4	3	1	29	47	39	38	7	23		16	2	2			2				13	84	
All causes	332	68	46	15	11	101	91	153	102	20	53	4	42	8	5	1	5	4				33	192	

BOROUGH OF GREENWICH.

SUMMARY.

Causes of, and Ages at, Death during the 13 weeks ending
1st October, 1910.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).							DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS (RESIDENTS).											Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich Union, Workhouse and Infirmary.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brock Hospital, M.A.B.	Cottage Hospital.	Kidbrooke House Nursing Home.	Manna Mead, 17, The Grove.	Royal Hospital School.	Outside Institutions.		
Small-pox ...																								
Measles ...	3	1	2					1	1	1														
Scarlet Fever...																							8	
Whooping Cough ...	3	1	2						2		1											1		
Diphtheria and Mem- branous Croup	1			1				1									1						3	
Croup ...																								
Fever {																								
	Typhus ...																							
	Enteric ...	1					1	1															1	
Other continued	1		1					1						1									1	
Epidemic Influenza ...																								
Cholera ...																								
Plague ...																								
Diarrhoea ...	20	14	5	1				12	4	4					1							1	4	
Enteritis ...	4	3	1					3			1												5	
Puerperal Fever ...																								
Erysipelas ...																								
Other Septic Diseases ...	3					3			1	1	1		1									1	2	
Phthisis ...	25		2		5	15	3	14	6	3	2		8									3	26	
Other Tubercular Diseases	5		2	1		2			2	1	2		1										6	
Cancer, Malignant Disease	15					9	6	8	4		2	1	3									2	15	
Bronchitis ...	9	2	1			4	2	4	3	2			4										9	
Pneumonia ...	15		7			6	2	8	1	1	5			1	1			1				4	4	
Pleurisy ...	1	1							1													1		
Other Diseases of Respiratory Organs	1						1	1																
Alcoholism ... } Cirrhosis of Liver ... }	2					2		1		1			2										3	
Venereal Diseases ...																							1	
Premature Birth ...	6	6						4	1	1			1										3	
Diseases and Accidents of Parturition ... }	2					2		1	1				1											
Heart Diseases ...	23	1		1	2	11	8	10	6	2	5		2	1				1				4	19	
Accidents ...	9	1	3	1	1	1	2	1	2	4	2			2	1							3	3	
Suicides ...	3					3		2			1			1									2	
Murder ...																								
All other causes ...	75	11	4	1	1	19	39	36	19	8	11	1	11	4				1				7	62	
All causes ...	227	41	30	6	9	78	63	109	54	29	33	2	34	10	3		1	3				27	177	



1st October 1910
Calendar of the day of the week and the 12 months ending

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BOBODCH OF GREENWICH

BOROUGH OF GREENWICH.

SUMMARY.

Causes of, and Ages at, Death during the 13 weeks ending
31st December, 1910.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).							DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS (RESIDENTS).											Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Greenwich Union, Workhouse and Infirmary.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Kidbrooke House Nursing Home.	Magna Mead, 17, The Grove.	Royal Hospital School.	Outside Institutions.		
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever... ..	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	7
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Mem- branous Croup	2	...	1	...	1	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	1	3
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Epidemic Influenza	3	...	...	...	...	...	3	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea	12	9	3	...	...	...	...	4	3	3	2	...	...	...	1	...	...	...	...	...	...	1	1
Enteritis	10	6	2	1	...	1	...	2	5	2	1	...	5	...	...	...	...	...	...	...	...	...	15
Puerperal Fever	1	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Other Septic Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Phthisis	24	1	...	...	4	19	...	11	5	3	5	...	8	...	...	...	...	...	...	...	...	2	31
Other Tubercular Diseases	7	1	2	2	1	1	...	3	...	1	3	...	1	...	...	...	...	...	...	...	...	1	4
Cancer, Malignant Disease	13	...	...	...	...	7	6	4	7	1	1	...	2	...	...	...	...	...	...	...	...	3	8
Bronchitis	28	9	...	...	...	4	15	12	6	4	4	2	3	...	...	...	...	...	...	...	...	1	18
Pneumonia	37	9	6	4	2	11	5	18	10	3	6	...	2	...	1	...	...	...	...	1	...	8	10
Pleurisy	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of } Respiratory Organs }	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver ... }	3	...	...	...	...	3	...	2	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2
Venereal Diseases	1	1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2
Premature Birth	21	21	...	...	...	...	...	13	3	2	2	1	1	...	...	...	...	...	...	...	...	2	2
Diseases and Accidents } of Parturition ... }	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	41	...	...	1	2	21	17	14	15	5	6	1	4	1	...	...	...	...	...	...	...	4	14
Accidents	11	...	2	1	...	5	3	6	1	2	2	...	4	2	1	...	...	...	...	...	...	1	9
Suicides ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Murder ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other causes	109	14	3	1	3	32	56	55	32	9	13	...	35	2	2	...	...	2	...	...	...	10	81
All causes	327	71	21	10	13	107	105	149	90	37	45	6	68	5	5	...	2	2	...	1	...	34	213	



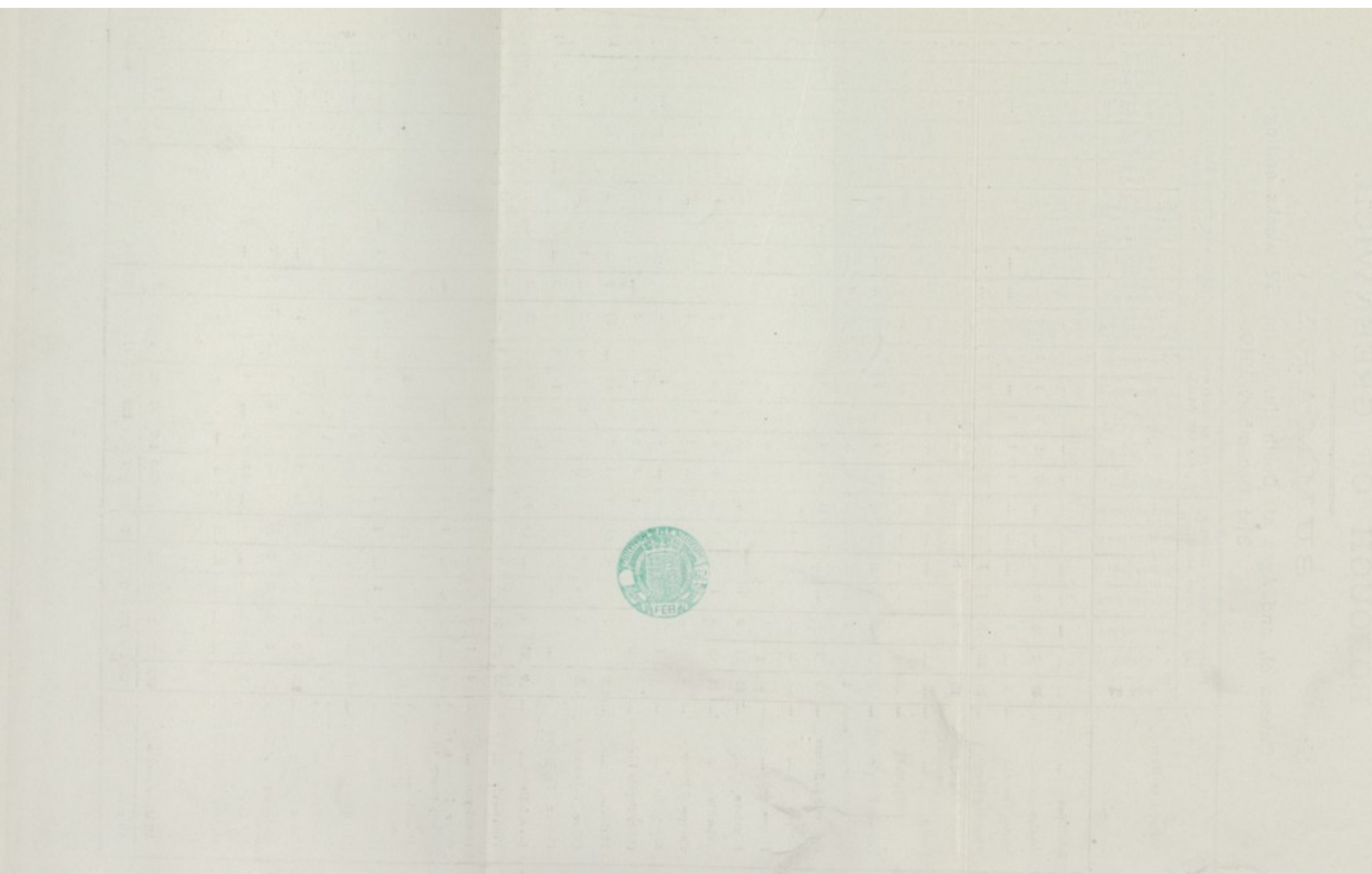
EDMUND OF GREENMICH

BOROUGH OF GREENWICH.

SUMMARY.

Causes of, and Ages at, Death during the 52 weeks ending
31st December, 1910.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT (AT SUBJOINED AGES).							DEATHS IN LOCALITIES (AT ALL AGES).					DEATHS IN PUBLIC INSTITUTIONS (RESIDENTS).											Total Deaths in Public Institutions in the District.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Greenwich East.	Greenwich West.	St. Nicholas, Deptford.	Charlton.	Kidbrooke.	Gravich Union, Workhouse and Infirmary.	Seamen's Hospital.	Miller Hospital.	Herbert Military Hospital.	Brook Hospital, M.A.B.	Cottage Hospital.	Kidbrooke House Nursing Home.	Manna Mead, 17, The Grove.	Royal Hospital School.	Outside Institutions.		
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	47	7	38	2	...	...	...	27	13	5	1	1	2	...	...	...	...	...	...	...	...	1	8
Scarlet Fever...	3	...	3	...	...	...	...	1	1	1	...	...	...	...	...	...	2	...	...	...	...	1	25
Whooping Cough ...	56	25	29	1	1	...	...	24	19	11	1	1	3	...	...	...	...	...	...	...	...	1	6
Diphtheria and Mem- branous Croup	10	...	4	5	1	...	...	4	5	...	...	1	...	...	...	...	7	...	...	...	...	1	24
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever {	Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteric ...	3	...	...	...	3	...	1	1	...	1	...	...	...	...	...	1	...	...	...	...	...	3
	Other continued	1	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
Epidemic Influenza ...	18	1	...	...	...	6	11	7	1	2	8	...	...	...	...	...	...	...	...	...	...	...	1
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	35	24	9	1	...	1	...	17	7	7	4	...	...	...	2	...	...	...	...	...	...	3	5
Enteritis ...	18	13	3	1	...	1	...	5	8	3	2	...	7	...	...	...	...	...	...	...	...	...	25
Puerperal Fever ...	2	...	...	...	...	2	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	1
Erysipelas ...	3	1	...	...	...	2	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Other Septic Diseases ...	8	2	...	...	...	5	1	4	2	1	1	...	3	...	...	...	...	...	...	...	...	2	8
Phthisis ...	108	1	7	6	26	64	4	54	25	10	19	...	27	2	...	...	...	...	...	...	...	15	106
Other Tubercular Diseases	28	5	7	6	2	8	...	11	5	2	9	1	5	...	1	...	...	...	...	...	...	5	23
Cancer, Malignant Disease	80	...	1	...	...	45	34	37	23	5	14	1	9	3	...	...	...	...	...	...	...	11	53
Bronchitis ...	90	25	7	...	...	19	39	39	23	12	13	3	13	1	...	...	...	1	...	...	...	2	50
Pneumonia ...	120	28	31	5	4	36	16	53	35	9	22	1	9	2	2	...	1	1	...	1	...	17	46	
Pleurisy ...	4	1	1	...	...	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	1	2
Other Diseases of Respiratory Organs }	4	...	...	...	...	1	3	2	1	...	1	...	1	...	...	...	...	...	...	...	...	...	2
Alcoholism ... } Cirrhosis of Liver ... }	12	...	...	...	...	11	1	6	3	1	2	...	3	...	...	...	...	...	...	...	...	1	6
Venereal Diseases ...	6	2	1	1	...	1	1	2	3	...	1	...	1	...	1	...	...	...	...	...	...	2	5
Premature Birth ...	49	49	...	...	...	...	...	28	13	4	3	1	2	...	2	...	...	...	...	...	...	2	8
Diseases and Accidents of Parturition ... }	5	...	...	...	...	5	...	4	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Heart Diseases ...	123	2	1	8	8	60	44	49	39	11	21	3	15	3	...	1	...	3	...	...	...	16	58
Accidents ...	31	3	5	2	2	10	9	13	7	7	4	...	7	5	2	...	...	...	...	...	...	5	26
Suicides ...	6	...	...	...	...	6	...	3	2	...	1	...	2	1	...	...	...	...	...	...	...	...	4
Murder ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other causes	419	72	23	9	9	108	198	183	137	32	63	4	95	10	5	1	...	7	...	1	...	42	333	
All causes ...	1289	261	171	47	53	395	362	577	378	124	193	17	206	28	15	2	11	12	...	2	...	128	831	



BOROUGH OF GREENWICH.

Summary of Cases of Infectious Disease notified during the 13 weeks ending 2nd April, 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.					NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				
	At all Ages.	At Ages—Years.						GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*	GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.										
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ...	38	...	12	23	1	2	...	16	15	6	...	1	14	12	6	...	1
Membranous Croup ...	2	...	1	1	...	...	...	...	2	...	...	...	...	2	...	...	...
Erysipelas ...	25	2	1	1	3	13	5	8	11	4	2	...	1	4	1	1	...
Scarlet Fever ...	45	1	8	24	10	2	...	20	11	5	7	2	13	11	4	6	2
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	7	...	...	1	3	3	...	1	5	...	1	...	1	5	...	1	...
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-Spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis ...	65	1	2	9	13	38	2	29	12	20	4	...	6	4	5	3	...
Totals ...	182	4	24	59	30	58	7	74	56	35	14	3	35	38	16	11	3

* Cases of infectious Disease are treated in the Hospitals of the Metropolitan Asylums Board, whose Brook Hospital is situated in Kidbrooke.



BOROUGH OF GREENWICH.

Summary of Cases of Infectious Disease notified during the 13 weeks ending 2nd July, 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.					NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				
	All Ages.	At Ages—Years.						GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*	GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.										
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	2	...	7	17	1	2	...	18	5	3	...	1	17	5	3	...	1
Membranous Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	36	1	...	2	3	18	6	11	11	7	...	1	...	...	2	...	...
Scarlet Fever	47	2	15	22	4	4	...	22	15	6	3	1	19	14	5	3	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...
Cerebro-Spinal Meningitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis	32	2	3	6	5	13	3	11	3	16	2	...	3	...	...	2	...
Totals	138	5	25	48	13	38	9	62	34	34	5	3	39	19	10	5	1

* Cases of infectious Disease are treated in the Hospitals or the Metropolitan Asylums Board, whose Brook Hospital is situated in Kidbrooke.



BOROUGH OF GREENWICH.

Summary of Cases of Infectious Disease notified during the 13 weeks ending 1st October, 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.					NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				
	At all Ages.	At Ages—Years.						GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*	GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.										
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	61	...	12	45	3	1	...	43	12	1	2	3	39	9	1	2	3
Membranous Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	16	1	1	...	3	8	3	2	6	5	3	...	...	1	...	...	...
Scarlet Fever	26	1	4	20	1	...	...	12	7	3	4	...	10	7	3	3	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	8	...	...	3	3	2	...	5	1	1	1	...	4	1	1	1	...
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	...
Cerebro-Spinal Meningitis	1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis	33	1	...	4	4	22	2	17	3	12	1	...	6	1	1	1	...
Totals	146	3	18	72	14	34	5	80	30	22	11	3	60	20	6	7	3

* Cases of infectious Disease are treated in the Hospitals of the Metropolitan Asylums Board, whose Brook Hospital is situated in Kidbrooke.

BOROUGH OF GREENWICH.

Summary of Cases of Infectious Disease notified during the 13 weeks ending 31st December, 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.					NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				
	At all Ages.	At Ages—Years.						GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBRIDGE.*	GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBRIDGE.*
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.										
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ...	34	...	7	18	5	4	...	22	7	...	4	1	18	7	...	3	1
Membranous Croup ...	2	...	2	...	...	...	...	...	...	2	...	...	...	...	2	...	...
Erysipelas ...	15	...	1	4	2	6	2	2	4	9	...	...	...	...	3	...	...
Scarlet Fever ...	52	...	14	34	3	1	...	14	21	5	8	3	13	24	3	4	2
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	3	...	1	...	1	1	...	1	2	...	...	...	1	2	...	...	...
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	3	...	...	...	1	2	...	...	2	...	1	...	...	2	...	1	...
Cerebro-Spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis ...	47	...	1	11	6	27	2	19	11	12	5	...	6	2	4	...	...
Totals ...	156	...	26	67	18	41	4	58	50	26	18	4	38	37	12	8	3

* Cases of infectious Disease are treated in the Hospitals of the Metropolitan Asylums Board, whose Brook Hospital is situated in Kidbrooke.



BOROUGH OF GREENWICH.

Summary of Cases of Infectious Disease notified during the 52 weeks ending 31st December, 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.					NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.				
	At all Ages.	At Ages—Years.						GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*	GREENWICH EAST.	GREENWICH WEST.	ST. NICHOLAS, DEPTFORD.	CHARLTON.	KIDBROOKE.*
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.										
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ...	160	...	38	103	10	9	...	99	39	10	6	6	88	33	10	5	6
Membranous Croup ...	4	...	3	1	...	...	...	...	2	2	...	...	...	2	2	...	...
Erysipelas ...	86	4	3	7	11	45	16	23	32	25	5	1	1	5	6	1	...
Scarlet Fever ...	170	4	41	100	18	7	...	68	57	17	22	6	55	56	15	16	4
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	19	...	1	5	7	6	...	7	8	2	2	...	6	8	1	2	...
Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	5	...	...	...	1	4	...	...	3	1	1	...	...	3	...	1	...
Cerebro-Spinal Meningitis	1	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis ...	177	4	6	30	28	100	9	76	29	60	12	...	21	7	10	6	...
Totals ...	622	12	93	246	75	171	25	274	170	117	48	13	172	114	44	31	10

* Cases of infectious Disease are treated in the Hospitals of the Metropolitan Asylums Board, whose Brook Hospital is situated in Kidbrooke.

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BOROUGH OF GREENWICH.

(EAST DISTRICT.)

INFANTILE MORTALITY DURING THE YEAR 1910.

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

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.		
ALL CAUSES.	{	Certified	29	6	4	6	45	13	6	4	5	6	7	6	6	6	6	6	13	123		
		Uncertified ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.	{	Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Measles ... ..	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	2	4	...
		Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Diphtheria—Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases.	{	Whooping Cough ... ..	...	...	...	...	...	4	1	...	...	1	1	1	1	2	3	1	15	...	
		Diarrhoea, all forms... ..	...	...	...	...	...	1	...	2	2	1	...	1	2	2	1	1	13	...	
		Enteritis, Muco-Enteritis, Gastro-Enteritis	...	...	...	...	...	1	1	...	...	...	1	1	...	...	...	...	4	...	
		Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases.	{	Premature Birth	20	2	3	2	27	1	...	...	...	...	...	...	...	...	...	...	...	28	...
		Congenital Defects	2	1	...	...	3	...	...	...	...	...	1	...	1	...	...	...	...	5	...
		Injury at Birth	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...
		Want of Breast Milk ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Atrophy, Debility, Marasmus	5	...	1	1	7	2	1	2	1	...	...	...	...	...	...	...	...	13	...
Tuberculous Diseases.	{	Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tuberculous Peritonitis; Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes.	{	Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Syphilis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rickets ... ..	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	2	...	...
		Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...
		Convulsions ... ..	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	2	...	...
		Bronchitis ... ..	...	...	...	1	1	2	3	...	...	2	1	...	1	...	2	3	15	...	...
		Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pneumonia ... ..	...	1	...	...	1	...	...	...	...	1	1	...	1	...	...	5	9	...	...
		Suffocation,overlying	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Other Causes	1	1	...	1	3	2	...	...	1	...	1	1	...	1	...	1	10	...	...
					29	6	4	6	45	13	6	4	5	6	7	6	6	6	6	13	123	

Births in the year { Legitimate... .. 1,110
 { Illegitimate 26
 Population (estimated to middle of 1910) 51,721

Deaths in the year of { Legitimate Infants 122
 { Illegitimate " 1
 Deaths from all Causes at all Ages 577



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BOROUGH OF GREENWICH.

(WEST DISTRICT.)

INFANTILE MORTALITY DURING THE YEAR 1910.

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

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES.	Certified	16	...	5	3	24	7	8	6	5	5	4	3	2	7	1	3	75
	Uncertified ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.	Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria—Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases.	Whooping Cough ... ..	...	...	...	...	...	...	1	1	1	1	1	...	...	1	...	...	6
	Diarrhoea, all forms... ..	...	...	...	1	1	...	...	...	...	1	...	1	1	...	1	...	5
	Enteritis, Mucos-Enteritis, Gastro-Enteritis	...	...	...	...	...	...	1	2	...	1	...	...	...	1	...	...	5
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases.	Premature Birth	6	...	4	1	11	2	...	...	...	...	...	...	...	...	...	...	13
	Congenital Defects ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Want of Breast Milk ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	8	...	...	1	9	...	2	...	1	1	...	...	...	...	...	...	13
Tuberculous Diseases.	Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	2
	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas ... ..	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Syphilis ... ..	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	2
	Rickets ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	1	...	...	...	1	1	1	1	...	...	...	...	...	...	...	...	4
	Bronchitis ... ..	...	...	...	...	...	1	1	...	2	...	...	...	1	1	...	...	6
	Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia ... ..	...	...	...	...	...	1	2	1	1	1	2	2	...	2	...	1	13
	Suffocation, overlaying	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Other Causes ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2
		16	...	5	3	24	7	8	6	5	5	4	3	2	7	1	3	75

Births in the year { Legitimate... 601
 { Illegitimate ... 17
 Population (estimated to middle of 1910) ... 27,659

Deaths in the year of { Legitimate Infants ... 71
 { Illegitimate " ... 4
 Deaths from all Causes at all Ages ... 378



BOROUGH OF GREENWICH.

(ST. NICHOLAS DISTRICT.)

INFANTILE MORTALITY DURING THE YEAR 1910.

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

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES.	Certified	4	2	2	1	9	3	...	4	5	1	...	1	2	2	1	3	31
	Uncertified ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.	Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria—Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases.	Whooping Cough ... ..	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	1	4
	Diarrhoea, all forms... ..	...	...	...	...	...	...	2	...	...	...	1	...	1	...	...	...	4
	Enteritis, Mucos-Enteritis, Gastro-Enteritis ... ..	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
	Gastritis, Gastro-intestinal Catarrh ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases.	Premature Birth	1	2	...	1	4	...	...	...	...	...	...	...	...	...	...	...	4
	Congenital Defects	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2
	Injury at Birth ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast Milk ... ..	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Atrophy, Debility, Marasmus	1	...	1	...	2	1	...	1	...	...	...	...	...	...	...	...	4
Tuberculous Diseases.	Tuberculous Meningitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tuberculous Peritonitis: Tabes Mesenterica ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets ... ..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
	Meningitis (not Tuberculous) ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis ... ..	...	...	1	...	1	...	...	1	1	...	...	...	...	...	...	...	3
	Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia ... ..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	2
	Suffocation, overlaying ... ..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	Other Causes ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
		4	2	2	1	9	3	...	4	5	1	...	1	2	2	1	3	31

Births in the year { Legitimate... 243
 { Illegitimate ... 9

Population (estimated to middle of 1910) ... 8,633

Deaths in the year of { Legitimate Infants ... 30
 { Illegitimate " ... 1

Deaths from all Causes at all Ages ... 124



BOROUGH OF GREENWICH.

(CHARLTON & KIDBROOKE DISTRICT.)

INFANTILE MORTALITY DURING THE YEAR 1910.

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

CAUSE OF DEATH.			Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES.	Certified	...	10	...	...	3	13	4	2	...	...	1	...	1	3	3	4	1	32
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria—Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases.	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diarrhoea, all forms...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2
	Enteritis, Muco-Enteritis, Gastro-Enteritis	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	2
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Wasting Diseases.	Premature Birth	...	3	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	3
	Congenital Defects	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Want of Breast Milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	3	...	...	1	4	1	1	...	...	...	...	...	...	...	...	...	6
Tuberculous Diseases.	Tuberculous Meningitis	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	2
	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	2	...	...	2	4	2	...	...	...	...	...	...	...	...	...	...	6
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	1	...	4
	Suffocation, overlaying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	2
			10	...	...	3	13	4	2	...	...	1	...	1	3	3	4	1	32

Births in the year { Legitimate... 399
 { Illegitimate... 5

Deaths in the year of { Legitimate Infants... 30
 { Illegitimate " ... 2

Population (estimated to middle of 1910) ... 24,922

Deaths from all Causes at all Ages ... 210



BOROUGH OF GREENWICH.

(WHOLE DISTRICT.)

INFANTILE MORTALITY DURING THE YEAR 1910.

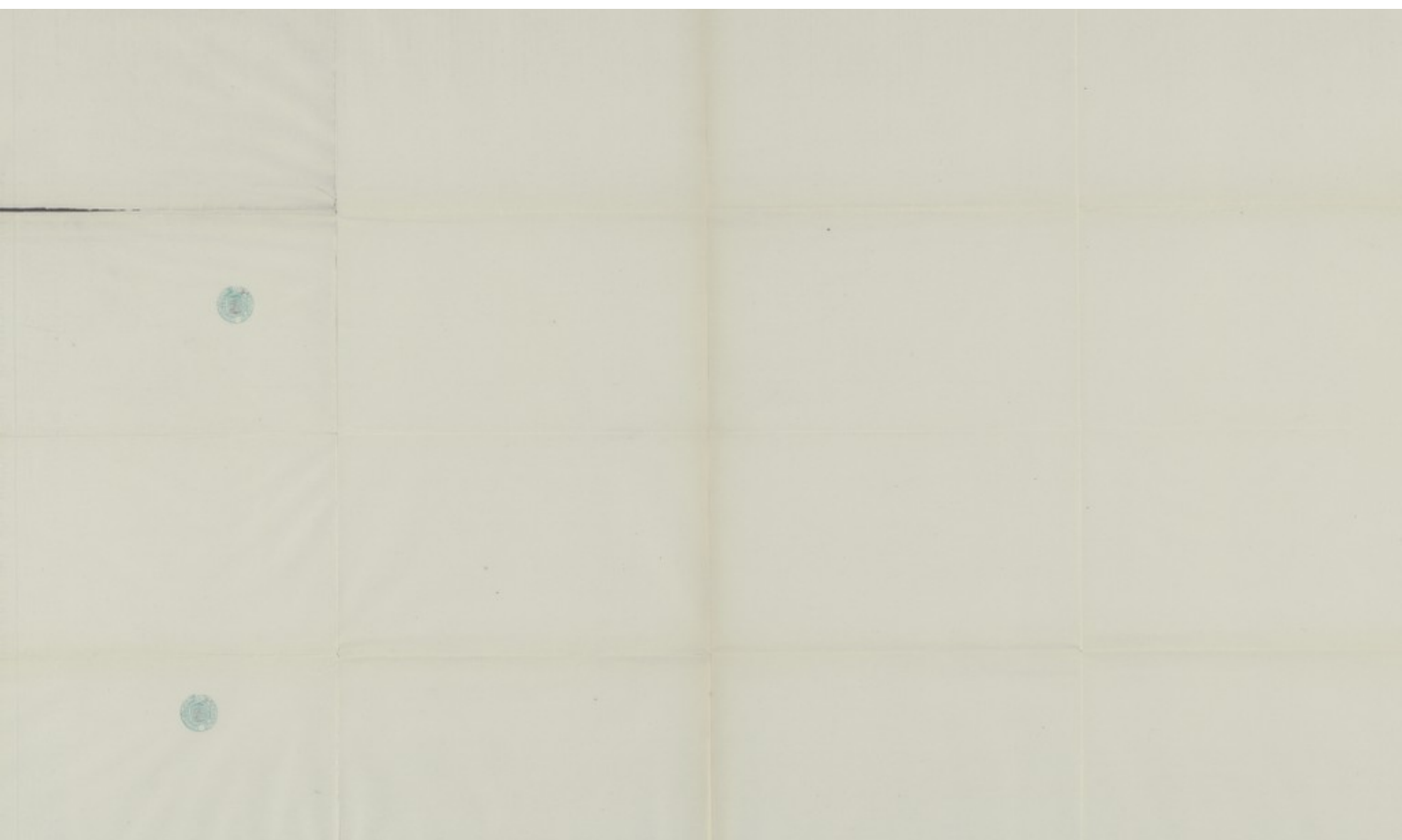
Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES.	Certified	59	8	11	13	91	27	16	14	15	13	11	11	13	18	12	20	261
	Uncertified ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.	Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles ... ..	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	4	7
	Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria—Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoeal Diseases.	Whooping Cough ... ..	...	...	...	...	...	4	2	1	3	2	2	1	2	3	3	2	25
	Diarrhoea, all forms... ..	...	...	...	1	1	1	...	4	2	2	...	3	3	4	2	2	24
	Enteritis, Mucos-enteritis, Gastro-enteritis ... ..	...	...	...	...	...	2	2	3	...	1	1	2	...	2	...	...	13
	Gastritis, Gastro-intestinal Catarrh ... ..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
	Premature Birth	30	4	7	4	45	3	...	...	...	...	...	...	...	...	...	...	48
Wasting Diseases.	Congenital Defects	5	1	...	...	6	...	...	...	...	...	1	...	1	...	...	...	8
	Injury at Birth	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2
	Want of Breast Milk ... ..	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Atrophy, Debility, Marasmus	17	...	2	3	22	4	4	3	2	1	...	...	...	...	...	...	36
	Tuberculous Meningitis ... ..	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	1	4
Tuberculous Diseases.	Tuberculous Peritonitis: Tabes Mesenterica ... ..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
	Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
	Erysipelas ... ..	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Syphilis ... ..	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	2
	Rickets ... ..	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	3
Other Causes.	Meningitis (not Tuberculous) ... ..	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	Convulsions	3	1	...	2	6	3	1	1	...	...	...	1	...	...	...	...	12
	Bronchitis ... ..	...	...	1	1	2	3	4	...	3	3	1	...	2	1	3	3	25
	Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia ... ..	...	1	...	...	1	2	2	1	2	3	3	2	2	2	2	6	28
Other Causes.	Suffocation, overlaying ... ..	...	...	...	1	1	1	...	...	1	...	...	...	...	...	...	...	3
	Other Causes	2	1	...	1	4	2	...	...	1	...	1	1	...	4	1	1	15
		59	8	11	13	91	27	16	14	15	13	11	11	13	18	12	20	261

Births in the year { Legitimate... .. 2,353 { Illegitimate 57 Population (estimated to middle of 1910) ... 112,935	Deaths in the year of { Legitimate Infants 253 { Illegitimate " 8 Deaths from all Causes at all Ages 1,289
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DEATHS OF RESIDENTS OF THE BOROUGH FOR THE YEAR 1910



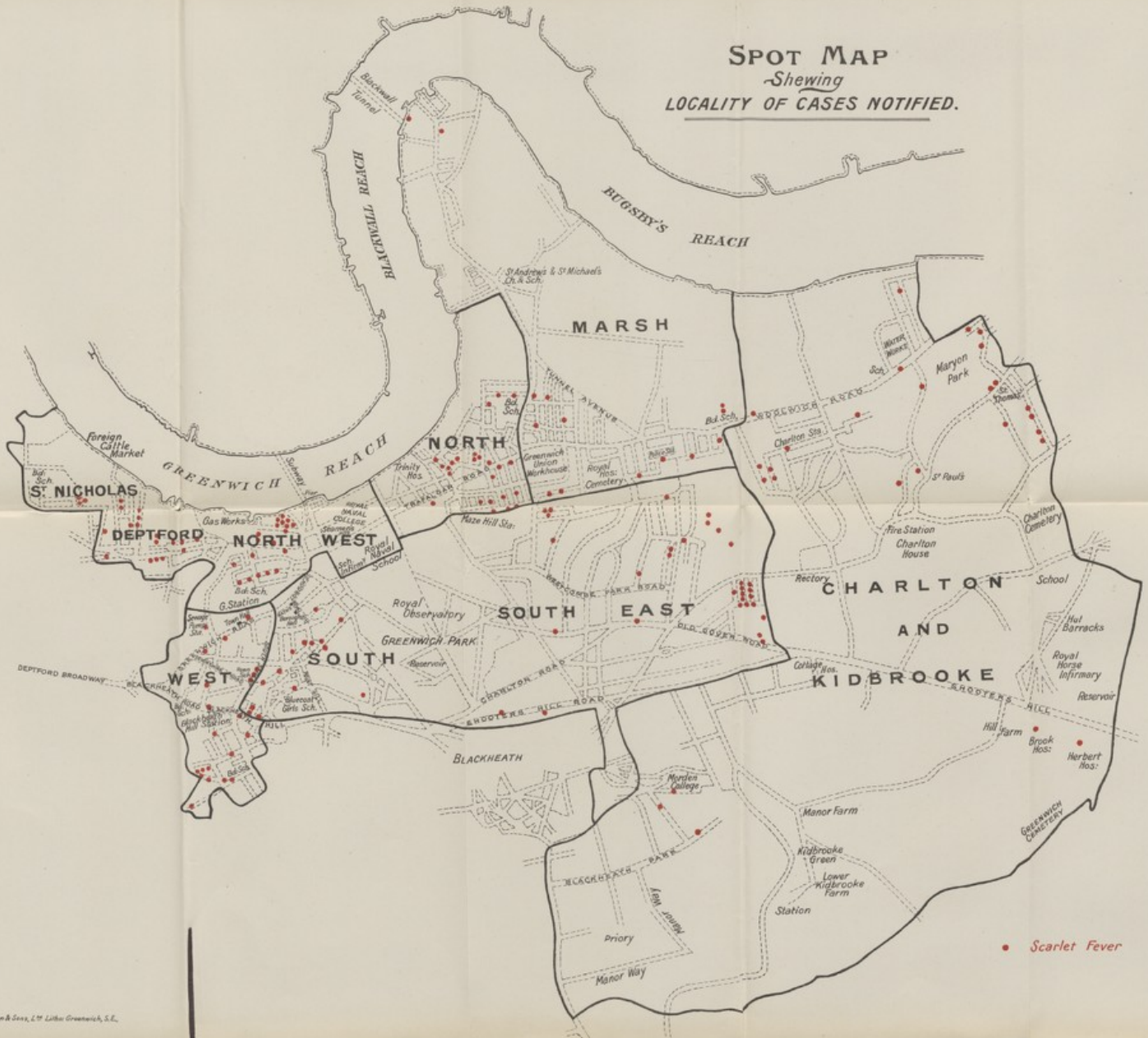
SPOT MAP
Shewing
LOCALITY OF CASES NOTIFIED.



GRE 12



SPOT MAP
Shewing
LOCALITY OF CASES NOTIFIED.



GRE 12



GRE 12

